Appendix 5A, Section B
Modeling Technical Appendix – Attachment 5 – CalSim 3 Model Results for No Project Alternative and Alternatives at 2040

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5A-B.
Appendix 5A, Section B
Modeling Technical Appendix – Attachment 5
CalSim 3 Model Results for No Project Alternative and Alternatives at 2040

This attachment summarizes the CalSim 3 modeling results for No Project Alternative conducted for the Delta Conveyance Project Final Environmental Impact Report (EIR).

B.1 Reservoir Storage Results

B.1.1 Trinity Storage

Figure 5A-B5.1.1.1-A. Trinity Lake End-of-Month Storage (S_TRNTY), Probability of Exceedance for No Project Alternatives, October to March

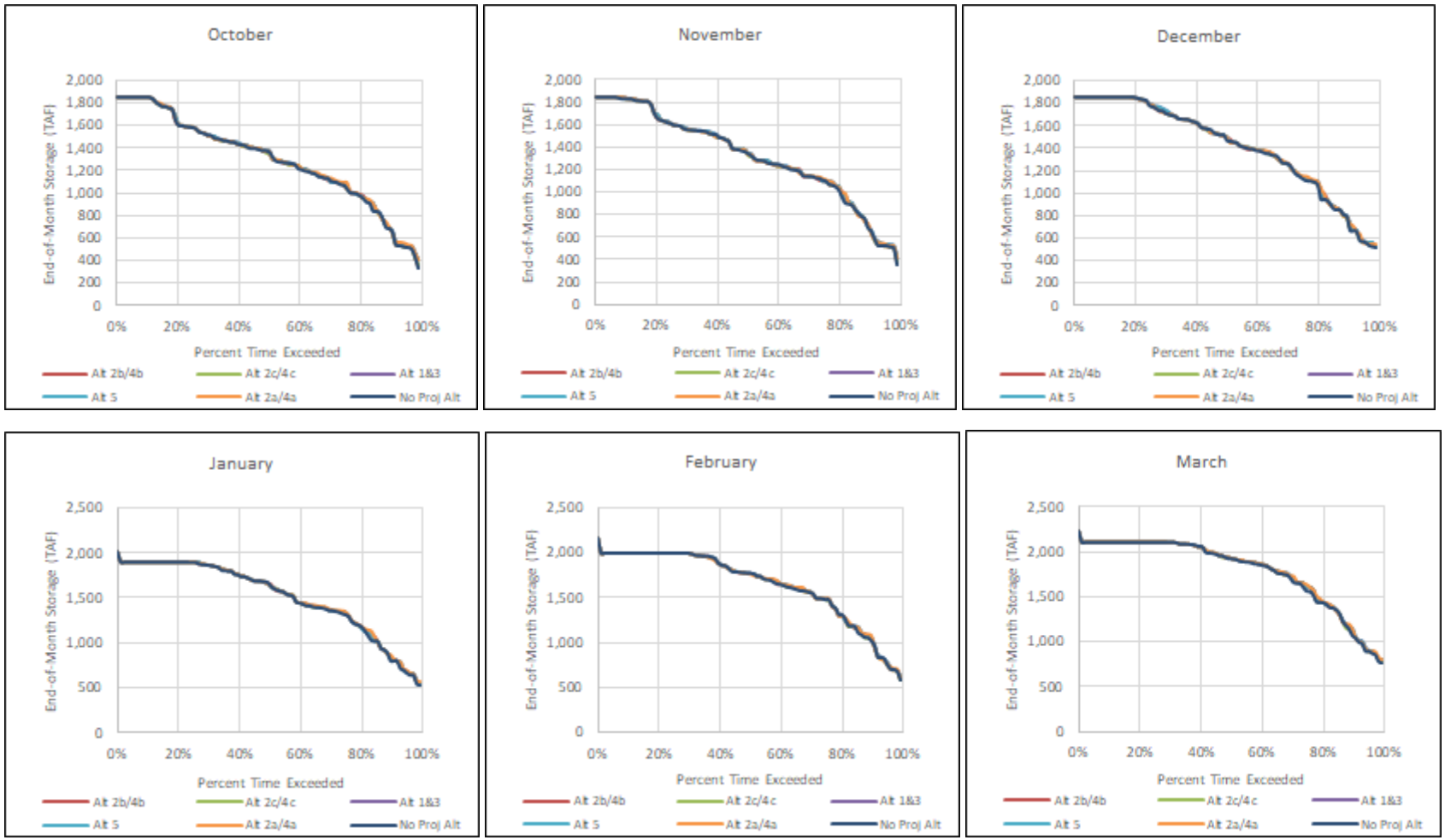


Figure 5A-B5.1.1.1-B. Trinity Lake End-of-Month Storage (S_TRNTY), Probability of Exceedance for No Project Alternatives, April to September

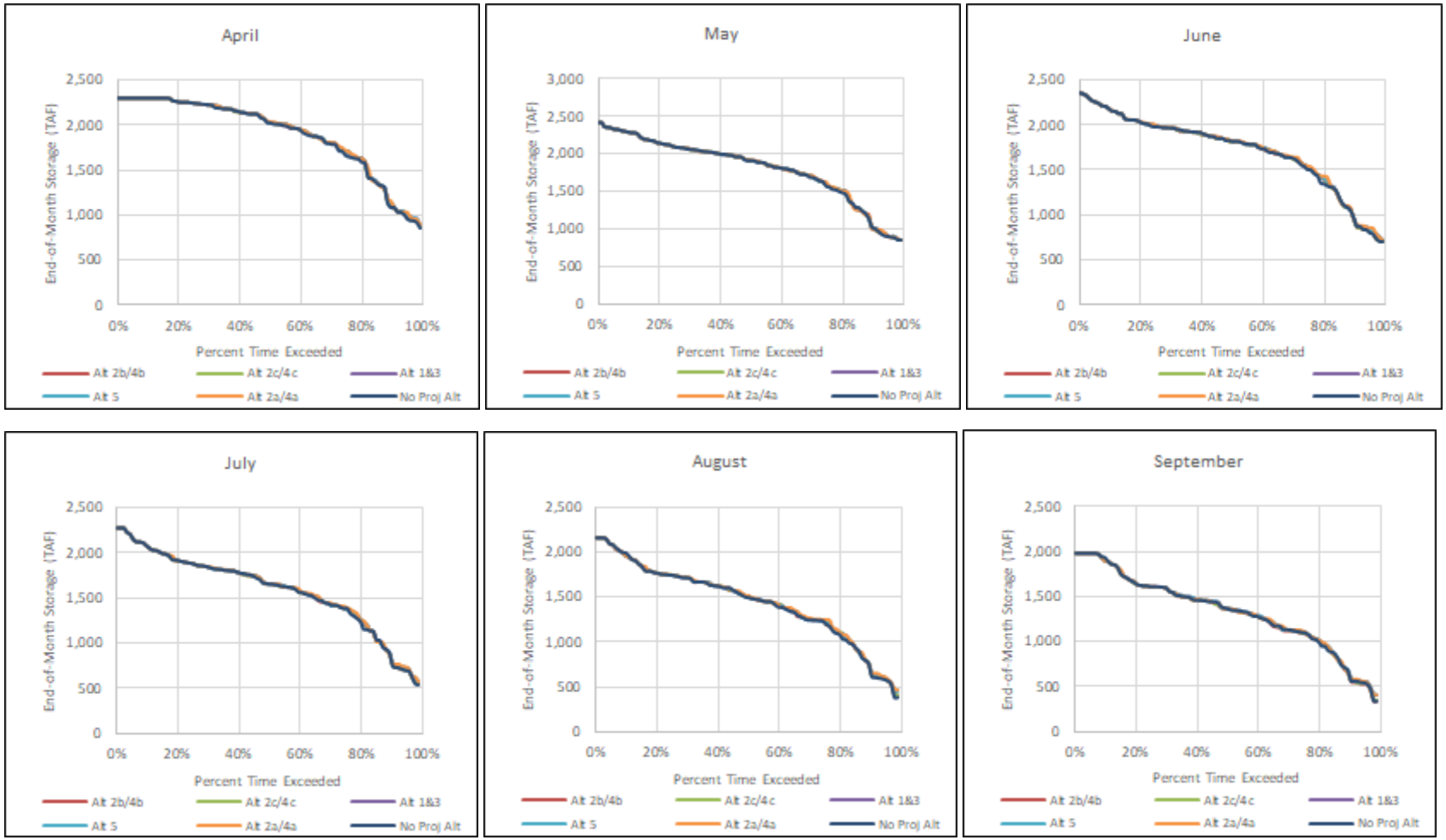


Table 5A-B5.1.1.1-A. Trinity Lake End-of-Month Storage (S_TRNTY), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,850	1,834	1,850	1,900	2,000	2,100	2,300	2,293	2,166	2,064	1,975	1,916
20%	1,617	1,675	1,844	1,900	2,000	2,100	2,262	2,147	2,024	1,911	1,761	1,636
30%	1,513	1,560	1,708	1,868	1,998	2,099	2,231	2,063	1,959	1,840	1,710	1,589
40%	1,434	1,511	1,626	1,757	1,885	2,053	2,154	2,001	1,907	1,779	1,620	1,452
50%	1,369	1,352	1,489	1,662	1,775	1,919	2,030	1,909	1,814	1,652	1,491	1,360
60%	1,221	1,248	1,379	1,449	1,651	1,851	1,958	1,815	1,730	1,564	1,392	1,272
70%	1,130	1,143	1,264	1,364	1,559	1,698	1,802	1,684	1,627	1,433	1,245	1,124
80%	986	1,036	1,088	1,196	1,315	1,438	1,614	1,488	1,344	1,254	1,091	1,005
90%	687	704	797	830	1,032	1,093	1,105	1,058	996	896	774	680

Table 5A-B5.1.1.1-B. Trinity Lake End-of-Month Storage (S_TRNTY), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,294	1,320	1,410	1,518	1,649	1,780	1,906	1,809	1,707	1,580	1,436	1,321
Wet Water Years	1,367	1,422	1,579	1,744	1,919	2,061	2,225	2,160	2,041	1,929	1,795	1,677
Above Normal Water Years	1,507	1,533	1,633	1,782	1,893	2,015	2,169	2,017	1,919	1,798	1,634	1,474
Below Normal Water Years	1,323	1,348	1,400	1,500	1,621	1,744	1,879	1,760	1,676	1,546	1,393	1,278
Dry Water Years	1,238	1,230	1,289	1,338	1,449	1,612	1,691	1,580	1,493	1,341	1,183	1,071
Critical Water Years	933	923	945	945	1,018	1,107	1,139	1,063	946	808	687	614

Table 5A-B5.1.1.1-C. Trinity Lake End-of-Month Storage (S_TRNTY), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,850	1,835	1,850	1,900	2,000	2,100	2,300	2,293	2,166	2,064	1,946	1,888
20%	1,616	1,674	1,842	1,900	2,000	2,100	2,262	2,147	2,024	1,911	1,761	1,634
30%	1,512	1,560	1,711	1,868	1,998	2,099	2,226	2,065	1,959	1,840	1,710	1,589
40%	1,434	1,493	1,626	1,761	1,885	2,048	2,152	2,001	1,890	1,778	1,620	1,456
50%	1,359	1,355	1,502	1,661	1,775	1,925	2,030	1,916	1,810	1,649	1,505	1,363
60%	1,243	1,235	1,384	1,449	1,656	1,860	1,957	1,815	1,736	1,572	1,414	1,281
70%	1,115	1,139	1,264	1,362	1,563	1,718	1,801	1,713	1,628	1,433	1,245	1,121
80%	994	1,053	1,088	1,191	1,306	1,432	1,634	1,520	1,408	1,284	1,116	1,026
90%	697	718	791	838	1,047	1,115	1,131	1,071	999	891	769	674

Table 5A-B5.1.1.1-D. Trinity Lake End-of-Month Storage (S_TRNTY), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,296	1,322	1,413	1,520	1,652	1,784	1,909	1,813	1,711	1,583	1,439	1,324
Wet Water Years	1,369	1,424	1,581	1,747	1,920	2,062	2,226	2,161	2,042	1,931	1,795	1,677
Above Normal Water Years	1,503	1,530	1,630	1,779	1,890	2,012	2,167	2,014	1,916	1,796	1,632	1,472
Below Normal Water Years	1,327	1,352	1,402	1,503	1,625	1,748	1,884	1,765	1,683	1,550	1,398	1,283
Dry Water Years	1,237	1,229	1,289	1,338	1,457	1,620	1,699	1,589	1,501	1,349	1,190	1,078
Critical Water Years	942	932	955	952	1,026	1,115	1,146	1,071	952	813	692	619

Table 5A-B5.1.1.1-E. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	1	0	0	0	0	0	0	0	0	-29	-27
20%	-1	-1	-2	0	0	0	0	0	0	0	0	-2
30%	-1	0	4	0	0	0	-5	1	1	0	0	0
40%	0	-18	0	4	0	-6	-2	0	-17	-1	0	4
50%	-10	3	14	0	0	6	0	7	-4	-4	14	3
60%	22	-13	5	-1	5	9	0	-1	6	8	22	9
70%	-14	-4	0	-2	5	20	0	30	1	0	0	-4
80%	8	18	-1	-4	-9	-6	20	32	64	30	25	21
90%	10	13	-7	9	14	22	26	13	3	-5	-5	-5

Table 5A-B5.1.1.1-F. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2	3	2	2	4	4	4	4	4	3	3	3
Wet Water Years	2	2	2	3	2	1	1	1	1	2	0	0
Above Normal Water Years	-4	-3	-3	-3	-3	-3	-3	-3	-3	-2	-2	-2
Below Normal Water Years	3	4	2	3	4	4	5	5	7	4	4	5
Dry Water Years	0	0	0	0	8	8	8	8	8	8	8	7
Critical Water Years	10	9	9	8	8	8	7	8	5	4	5	5

Table 5A-B5.1.1.2-A. Trinity Lake End-of-Month Storage (S_TRNTY), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,850	1,835	1,850	1,900	2,000	2,100	2,300	2,293	2,166	2,064	1,946	1,888
20%	1,631	1,696	1,842	1,900	2,000	2,100	2,262	2,147	2,024	1,911	1,761	1,632
30%	1,512	1,560	1,712	1,868	1,998	2,099	2,226	2,065	1,959	1,840	1,710	1,589
40%	1,434	1,493	1,626	1,760	1,885	2,048	2,146	2,001	1,890	1,778	1,620	1,456
50%	1,351	1,353	1,502	1,650	1,775	1,925	2,030	1,916	1,809	1,649	1,502	1,362
60%	1,243	1,235	1,386	1,449	1,662	1,860	1,957	1,817	1,740	1,565	1,414	1,281
70%	1,129	1,143	1,263	1,363	1,563	1,719	1,801	1,715	1,627	1,435	1,245	1,123
80%	984	1,054	1,088	1,185	1,307	1,435	1,628	1,519	1,414	1,275	1,107	1,019
90%	698	708	781	836	1,054	1,110	1,126	1,054	993	889	767	672

Table 5A-B5.1.1.2-B. Trinity Lake End-of-Month Storage (S_TRNTY), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,296	1,322	1,412	1,520	1,652	1,783	1,909	1,812	1,711	1,583	1,438	1,324
Wet Water Years	1,368	1,423	1,580	1,746	1,919	2,062	2,225	2,160	2,042	1,931	1,795	1,676
Above Normal Water Years	1,503	1,529	1,629	1,779	1,889	2,012	2,166	2,014	1,915	1,795	1,631	1,472
Below Normal Water Years	1,328	1,353	1,403	1,503	1,624	1,748	1,883	1,765	1,682	1,549	1,396	1,281
Dry Water Years	1,238	1,230	1,290	1,339	1,458	1,620	1,702	1,590	1,504	1,352	1,194	1,081
Critical Water Years	939	928	952	949	1,022	1,109	1,144	1,067	949	812	691	618

Table 5A-B5.1.1.2-C. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	1	0	0	0	0	0	0	0	0	-29	-27
20%	14	21	-2	0	0	0	0	0	0	0	0	-4
30%	-1	0	4	0	0	0	-5	1	1	0	0	0
40%	0	-17	0	3	0	-6	-7	0	-17	-1	0	4
50%	-17	0	13	-12	0	6	0	7	-5	-3	11	2
60%	22	-13	7	-1	11	9	-1	1	10	1	22	9
70%	0	0	-1	-1	5	21	-1	31	-1	1	0	-2
80%	-2	18	0	-11	-8	-3	14	31	70	21	16	14
90%	11	4	-16	7	22	17	21	-4	-3	-8	-8	-8

Table 5A-B5.1.1.2-D. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2	2	2	2	3	2	3	3	4	3	2	2
Wet Water Years	1	1	1	2	1	1	0	0	0	1	-1	0
Above Normal Water Years	-4	-4	-4	-3	-3	-3	-3	-3	-3	-3	-3	-3
Below Normal Water Years	4	5	3	3	4	4	4	5	6	3	3	3
Dry Water Years	1	1	1	1	9	8	10	10	12	12	11	10
Critical Water Years	6	6	6	4	4	2	5	4	3	3	4	4

Table 5A-B5.1.1.3-A. Trinity Lake End-of-Month Storage (S_TRNTY), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,850	1,841	1,850	1,900	2,000	2,100	2,300	2,293	2,166	2,064	1,946	1,888
20%	1,631	1,696	1,845	1,900	2,000	2,100	2,262	2,147	2,024	1,911	1,761	1,639
30%	1,513	1,570	1,736	1,868	1,998	2,099	2,226	2,076	1,959	1,840	1,710	1,589
40%	1,448	1,513	1,626	1,763	1,885	2,048	2,154	2,001	1,907	1,779	1,620	1,460
50%	1,375	1,361	1,502	1,649	1,775	1,925	2,030	1,919	1,817	1,653	1,507	1,362
60%	1,234	1,247	1,386	1,450	1,664	1,860	1,958	1,817	1,742	1,579	1,413	1,281
70%	1,129	1,143	1,263	1,367	1,576	1,716	1,805	1,717	1,630	1,435	1,245	1,123
80%	984	1,054	1,105	1,189	1,307	1,434	1,633	1,519	1,414	1,275	1,105	1,017
90%	699	709	802	851	1,069	1,143	1,146	1,059	999	901	779	684

Table 5A-B5.1.1.3-B. Trinity Lake End-of-Month Storage (S_TRNTY), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,301	1,327	1,417	1,523	1,655	1,787	1,913	1,817	1,716	1,588	1,443	1,329
Wet Water Years	1,372	1,427	1,583	1,748	1,921	2,063	2,227	2,161	2,043	1,932	1,795	1,678
Above Normal Water Years	1,514	1,540	1,640	1,779	1,890	2,012	2,166	2,014	1,915	1,795	1,631	1,472
Below Normal Water Years	1,332	1,356	1,406	1,507	1,628	1,751	1,887	1,770	1,687	1,554	1,401	1,288
Dry Water Years	1,244	1,236	1,296	1,345	1,464	1,626	1,708	1,595	1,512	1,360	1,202	1,088
Critical Water Years	947	937	961	958	1,033	1,122	1,156	1,083	968	831	707	634

Table 5A-B5.1.1.3-C. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	7	0	0	0	0	0	0	0	0	-29	-27
20%	14	21	2	0	0	0	0	-1	0	0	0	4
30%	-1	10	28	0	0	0	-5	12	1	0	0	0
40%	13	3	0	6	0	-6	0	0	0	0	0	8
50%	6	9	13	-13	0	6	0	10	3	0	16	2
60%	13	-1	7	1	12	9	0	1	12	15	20	9
70%	0	0	-1	4	17	18	4	33	3	1	0	-2
80%	-2	18	17	-7	-8	-3	19	31	70	20	14	12
90%	11	5	5	22	36	50	41	1	2	5	5	5

Table 5A-B5.1.1.3-D. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8	8	7	6	7	6	7	8	9	9	7	8
Wet Water Years	4	5	4	4	2	2	2	2	2	2	0	1
Above Normal Water Years	7	7	7	-3	-3	-3	-3	-3	-3	-2	-3	-3
Below Normal Water Years	9	8	7	7	7	7	8	9	11	8	8	10
Dry Water Years	7	7	7	7	15	14	16	15	19	19	19	17
Critical Water Years	15	15	16	13	15	15	17	20	22	22	20	20

Table 5A-B5.1.1.4-A. Trinity Lake End-of-Month Storage (S_TRNTY), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,850	1,841	1,850	1,900	2,000	2,100	2,300	2,293	2,166	2,064	1,947	1,888
20%	1,619	1,677	1,844	1,900	2,000	2,100	2,262	2,147	2,027	1,909	1,758	1,640
30%	1,508	1,566	1,705	1,868	1,998	2,099	2,229	2,077	1,959	1,840	1,710	1,589
40%	1,434	1,500	1,625	1,761	1,883	2,048	2,152	2,005	1,906	1,778	1,620	1,460
50%	1,369	1,360	1,497	1,651	1,771	1,925	2,041	1,924	1,819	1,654	1,509	1,360
60%	1,242	1,248	1,387	1,450	1,669	1,860	1,958	1,825	1,751	1,600	1,416	1,283
70%	1,133	1,151	1,266	1,376	1,574	1,722	1,812	1,718	1,638	1,438	1,263	1,128
80%	989	1,055	1,112	1,194	1,307	1,459	1,633	1,519	1,425	1,292	1,125	1,020
90%	708	731	794	869	1,089	1,153	1,164	1,066	997	888	766	672

Table 5A-B5.1.1.4-B. Trinity Lake End-of-Month Storage (S_TRNTY), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,302	1,328	1,418	1,525	1,657	1,789	1,916	1,820	1,719	1,592	1,446	1,331
Wet Water Years	1,371	1,427	1,582	1,748	1,921	2,064	2,228	2,163	2,044	1,933	1,796	1,677
Above Normal Water Years	1,507	1,533	1,632	1,781	1,891	2,014	2,169	2,017	1,918	1,797	1,633	1,473
Below Normal Water Years	1,330	1,355	1,405	1,506	1,627	1,751	1,887	1,770	1,687	1,555	1,402	1,288
Dry Water Years	1,251	1,244	1,303	1,353	1,472	1,635	1,716	1,604	1,524	1,370	1,212	1,094
Critical Water Years	953	943	967	962	1,037	1,126	1,162	1,088	973	836	713	640

Table 5A-B5.1.1.4-C. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	7	0	0	0	0	0	0	0	0	-29	-27
20%	2	2	0	0	0	0	0	0	2	-2	-4	5
30%	-5	6	-2	0	0	0	-2	13	0	0	0	0
40%	0	-11	-1	4	-1	-6	-2	4	-1	-1	0	8
50%	0	8	8	-11	-5	6	11	15	5	2	18	0
60%	21	0	8	1	18	9	0	9	21	35	24	11
70%	4	8	3	13	15	24	11	34	11	5	18	3
80%	3	20	24	-1	-9	21	19	31	81	38	34	15
90%	21	26	-3	39	57	59	59	8	0	-8	-8	-8

Table 5A-B5.1.1.4-D. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8	8	7	7	8	9	10	10	12	12	10	9
Wet Water Years	4	4	4	4	2	3	3	3	3	4	1	1
Above Normal Water Years	0	0	-1	-2	-1	-1	0	0	0	-1	-1	-2
Below Normal Water Years	7	7	5	6	7	7	8	9	10	9	9	9
Dry Water Years	14	14	14	14	22	23	24	24	32	29	29	22
Critical Water Years	21	21	21	17	19	19	23	26	27	28	26	26

Table 5A-B5.1.1.5-A. Trinity Lake End-of-Month Storage (S_TRNTY), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,850	1,841	1,850	1,900	2,000	2,100	2,300	2,293	2,166	2,064	1,946	1,888
20%	1,631	1,696	1,845	1,900	2,000	2,100	2,262	2,147	2,024	1,911	1,761	1,639
30%	1,513	1,570	1,736	1,868	1,998	2,099	2,226	2,076	1,959	1,840	1,710	1,589
40%	1,448	1,513	1,626	1,763	1,885	2,048	2,154	2,001	1,907	1,779	1,620	1,460
50%	1,375	1,361	1,502	1,649	1,775	1,925	2,030	1,919	1,817	1,653	1,507	1,362
60%	1,234	1,247	1,386	1,450	1,664	1,860	1,958	1,817	1,742	1,579	1,413	1,281
70%	1,129	1,143	1,263	1,367	1,576	1,716	1,805	1,717	1,630	1,435	1,245	1,123
80%	984	1,054	1,105	1,189	1,307	1,434	1,633	1,519	1,413	1,275	1,107	1,020
90%	699	709	802	851	1,069	1,143	1,146	1,059	999	901	779	684

Table 5A-B5.1.1.5-B. Trinity Lake End-of-Month Storage (S_TRNTY), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,301	1,327	1,417	1,523	1,655	1,787	1,913	1,817	1,716	1,589	1,443	1,329
Wet Water Years	1,372	1,427	1,583	1,748	1,921	2,063	2,227	2,161	2,043	1,932	1,795	1,678
Above Normal Water Years	1,514	1,540	1,640	1,779	1,890	2,012	2,166	2,014	1,915	1,795	1,631	1,472
Below Normal Water Years	1,332	1,356	1,406	1,507	1,628	1,751	1,887	1,770	1,687	1,555	1,401	1,288
Dry Water Years	1,244	1,236	1,296	1,345	1,464	1,626	1,708	1,595	1,512	1,360	1,202	1,088
Critical Water Years	947	937	961	958	1,033	1,122	1,156	1,083	968	831	707	634

Table 5A-B5.1.1.5-C. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	7	0	0	0	0	0	0	0	0	-29	-27
20%	14	21	2	0	0	0	0	-1	0	0	0	4
30%	-1	10	28	0	0	0	-5	12	1	0	0	0
40%	13	3	0	6	0	-6	0	0	0	0	0	8
50%	6	9	13	-13	0	6	0	10	3	0	16	2
60%	13	-1	7	1	12	9	0	1	12	14	20	9
70%	0	0	-1	4	17	18	3	33	3	1	0	-2
80%	-2	18	17	-7	-8	-3	19	30	70	20	17	15
90%	11	5	4	22	36	50	41	1	2	5	5	4

Table 5A-B5.1.1.5-D. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8	8	7	6	7	6	7	8	9	9	7	8
Wet Water Years	5	5	4	4	2	2	2	2	2	2	0	1
Above Normal Water Years	7	7	7	-3	-3	-3	-3	-3	-3	-2	-3	-3
Below Normal Water Years	9	8	7	7	7	7	8	9	10	9	8	10
Dry Water Years	7	7	7	7	15	14	16	15	19	19	19	17
Critical Water Years	14	15	15	13	15	15	17	20	22	22	20	20

B.1.2 Shasta Storage

Figure 5A-B5.1.2.1-A. Shasta Lake End-of-Month Storage (S_SHSTA), Probability of Exceedance for No Project Alternatives, October to March

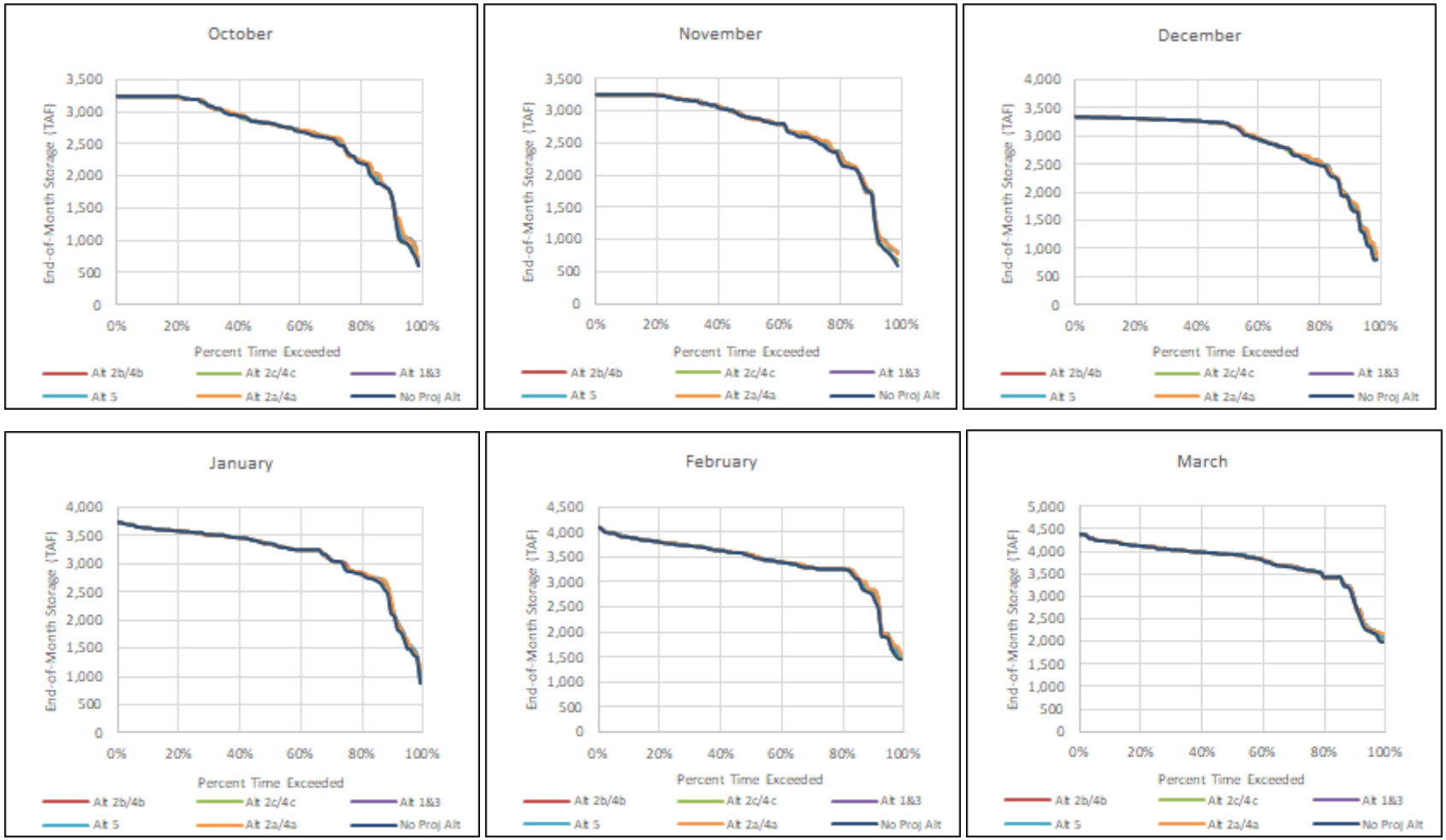


Figure 5A-B5.1.2.1-B. Shasta Lake End-of-Month Storage (S_SHSTA), Probability of Exceedance for No Project Alternatives, April to September

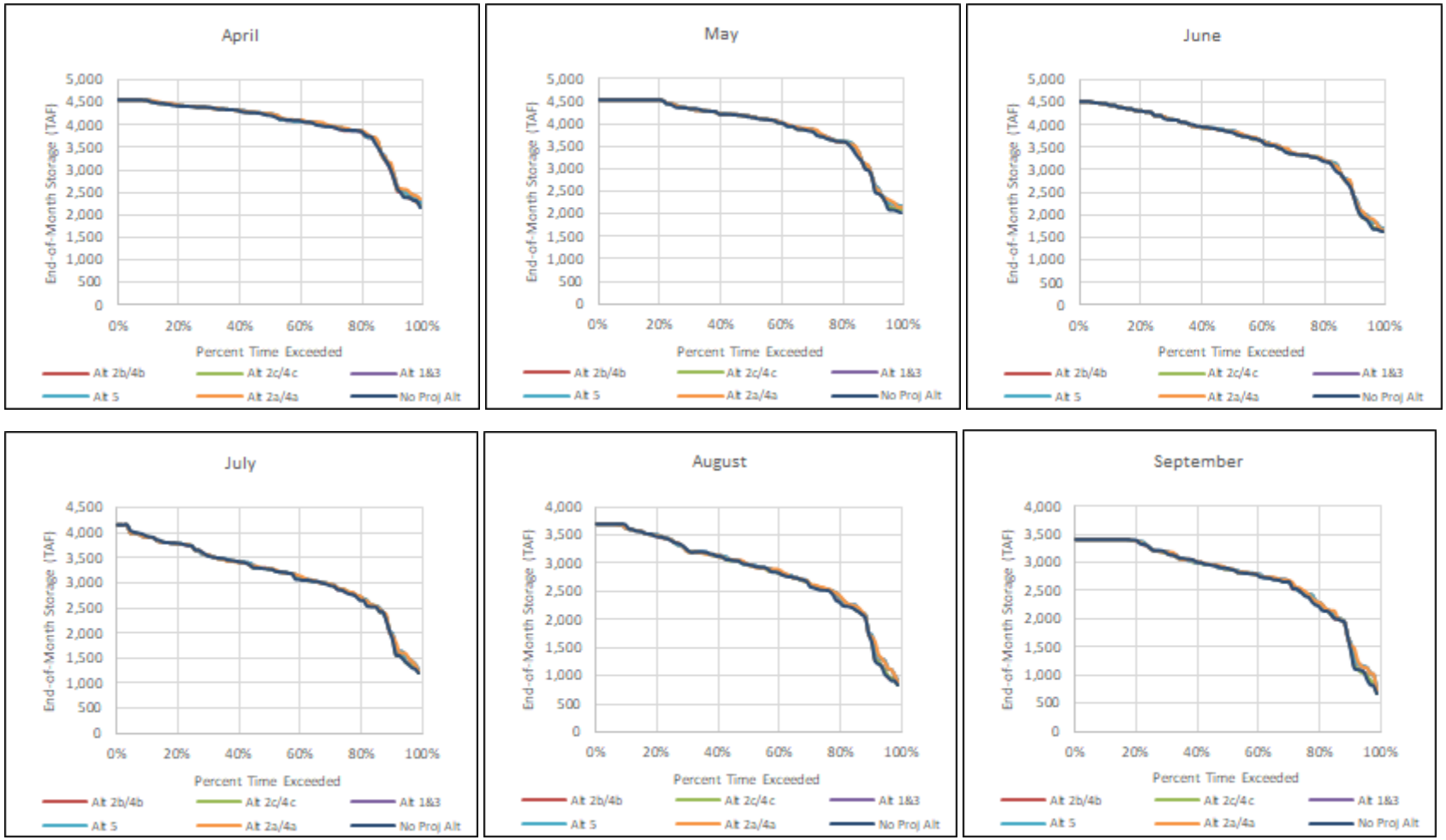


Table 5A-B5.1.2.1-A. Shasta Lake End-of-Month Storage (S_SHSTA), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,250	3,252	3,344	3,644	3,885	4,219	4,529	4,552	4,423	3,919	3,663	3,400
20%	3,247	3,241	3,329	3,589	3,792	4,122	4,414	4,552	4,293	3,783	3,477	3,383
30%	3,107	3,171	3,307	3,525	3,715	4,038	4,380	4,358	4,099	3,533	3,246	3,166
40%	2,951	3,073	3,289	3,470	3,619	3,981	4,310	4,237	3,951	3,422	3,131	3,010
50%	2,833	2,900	3,248	3,366	3,518	3,932	4,203	4,169	3,827	3,269	2,982	2,897
60%	2,708	2,800	2,975	3,252	3,393	3,810	4,087	4,038	3,632	3,065	2,842	2,783
70%	2,603	2,592	2,797	3,093	3,283	3,642	3,954	3,851	3,356	2,956	2,664	2,652
80%	2,224	2,307	2,511	2,830	3,252	3,483	3,855	3,620	3,203	2,680	2,331	2,238
90%	1,802	1,759	1,935	2,225	2,760	2,992	3,023	2,887	2,503	2,102	1,842	1,762

Table 5A-B5.1.2.1-B. Shasta Lake End-of-Month Storage (S_SHSTA), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,649	2,682	2,871	3,148	3,378	3,726	3,998	3,939	3,627	3,137	2,838	2,715
Wet Water Years	2,743	2,822	3,087	3,406	3,512	3,796	4,254	4,373	4,172	3,634	3,308	3,097
Above Normal Water Years	2,892	2,976	3,134	3,415	3,569	4,044	4,388	4,264	3,876	3,327	3,025	2,857
Below Normal Water Years	2,730	2,786	2,910	3,230	3,570	3,965	4,224	4,082	3,725	3,224	2,944	2,891
Dry Water Years	2,608	2,547	2,792	3,028	3,385	3,780	3,816	3,634	3,264	2,869	2,605	2,544
Critical Water Years	2,079	2,005	2,086	2,202	2,440	2,715	2,725	2,545	2,153	1,753	1,449	1,374

Table 5A-B5.1.2.1-C. Shasta Lake End-of-Month Storage (S_SHSTA), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,250	3,252	3,345	3,644	3,885	4,219	4,529	4,552	4,422	3,917	3,623	3,400
20%	3,240	3,247	3,329	3,589	3,800	4,117	4,434	4,552	4,293	3,776	3,485	3,371
30%	3,099	3,170	3,304	3,525	3,718	4,038	4,375	4,357	4,110	3,551	3,221	3,161
40%	2,952	3,061	3,289	3,472	3,627	3,981	4,313	4,241	3,938	3,419	3,125	2,995
50%	2,840	2,901	3,235	3,364	3,536	3,930	4,238	4,185	3,849	3,285	2,982	2,874
60%	2,717	2,797	2,964	3,252	3,393	3,836	4,079	4,040	3,633	3,098	2,841	2,785
70%	2,603	2,591	2,786	3,112	3,282	3,673	3,964	3,869	3,339	2,981	2,666	2,649
80%	2,256	2,364	2,533	2,819	3,252	3,483	3,852	3,611	3,240	2,725	2,414	2,301
90%	1,802	1,737	1,918	2,284	2,803	3,001	3,031	2,885	2,489	2,092	1,831	1,743

Table 5A-B5.1.2.1-D. Shasta Lake End-of-Month Storage (S_SHSTA), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,656	2,691	2,878	3,155	3,389	3,732	4,007	3,946	3,633	3,143	2,843	2,720
Wet Water Years	2,744	2,825	3,088	3,408	3,514	3,796	4,254	4,372	4,170	3,633	3,307	3,098
Above Normal Water Years	2,896	2,984	3,139	3,420	3,572	4,044	4,393	4,268	3,880	3,324	3,016	2,849
Below Normal Water Years	2,740	2,799	2,918	3,241	3,581	3,966	4,232	4,090	3,732	3,229	2,948	2,893
Dry Water Years	2,613	2,555	2,802	3,037	3,412	3,801	3,842	3,657	3,287	2,894	2,629	2,567
Critical Water Years	2,097	2,023	2,106	2,216	2,462	2,737	2,743	2,561	2,162	1,765	1,463	1,388

Table 5A-B5.1.2.1-E. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	1	0	0	0	0	0	-1	-2	-40	0
20%	-7	5	1	0	8	-6	19	0	0	-6	8	-12
30%	-8	-1	-3	0	3	0	-4	-1	11	18	-25	-5
40%	1	-12	0	2	7	0	2	5	-14	-3	-6	-15
50%	6	1	-13	-2	18	-3	35	16	23	16	-1	-23
60%	9	-3	-11	0	0	26	-8	2	1	33	-1	2
70%	0	-1	-10	20	-1	31	10	18	-16	25	2	-3
80%	32	57	21	-11	0	0	-3	-8	37	45	84	63
90%	1	-22	-16	59	43	9	8	-3	-14	-11	-11	-19

Table 5A-B5.1.2.1-F. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7	9	7	7	11	6	9	7	6	6	5	5
Wet Water Years	1	3	1	1	2	0	0	-1	-2	-2	-1	1
Above Normal Water Years	4	9	4	5	3	0	4	4	3	-2	-9	-8
Below Normal Water Years	10	13	8	10	11	1	9	7	7	6	4	2
Dry Water Years	4	8	10	10	27	21	26	24	23	25	23	23
Critical Water Years	18	18	20	14	22	22	18	16	8	13	14	14

Table 5A-B5.1.2.2-A. Shasta Lake End-of-Month Storage (S_SHSTA), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,250	3,252	3,345	3,644	3,885	4,219	4,529	4,552	4,422	3,917	3,624	3,400
20%	3,240	3,249	3,329	3,589	3,790	4,117	4,434	4,552	4,293	3,779	3,502	3,375
30%	3,102	3,170	3,304	3,525	3,718	4,038	4,375	4,357	4,110	3,555	3,222	3,166
40%	2,950	3,060	3,289	3,472	3,627	3,981	4,316	4,241	3,936	3,419	3,128	2,996
50%	2,834	2,894	3,235	3,364	3,536	3,930	4,238	4,183	3,850	3,270	2,971	2,873
60%	2,717	2,794	2,968	3,252	3,393	3,836	4,078	4,035	3,628	3,093	2,837	2,785
70%	2,604	2,592	2,782	3,112	3,282	3,671	3,965	3,869	3,339	2,981	2,665	2,648
80%	2,256	2,364	2,551	2,834	3,252	3,483	3,869	3,622	3,233	2,728	2,437	2,301
90%	1,802	1,754	1,929	2,277	2,793	3,017	3,074	2,900	2,513	2,113	1,852	1,755

Table 5A-B5.1.2.2-B. Shasta Lake End-of-Month Storage (S_SHSTA), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,657	2,691	2,877	3,154	3,388	3,732	4,008	3,947	3,634	3,144	2,843	2,721
Wet Water Years	2,741	2,822	3,087	3,407	3,514	3,796	4,254	4,372	4,170	3,634	3,309	3,100
Above Normal Water Years	2,896	2,984	3,138	3,419	3,572	4,043	4,391	4,267	3,879	3,324	3,015	2,849
Below Normal Water Years	2,744	2,803	2,920	3,243	3,583	3,967	4,234	4,091	3,733	3,228	2,944	2,893
Dry Water Years	2,613	2,553	2,798	3,027	3,409	3,799	3,851	3,662	3,289	2,898	2,632	2,570
Critical Water Years	2,107	2,028	2,106	2,216	2,457	2,737	2,741	2,560	2,163	1,766	1,464	1,389

Table 5A-B5.1.2.2-C. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	1	0	0	0	0	0	-1	-1	-40	0
20%	-7	7	0	0	-2	-6	19	0	0	-4	24	-8
30%	-6	0	-2	0	3	0	-4	-1	11	22	-25	-1
40%	-1	-13	0	2	7	0	5	5	-15	-3	-2	-14
50%	1	-6	-13	-2	18	-3	35	15	23	1	-11	-24
60%	9	-6	-7	0	0	26	-8	-3	-4	28	-5	2
70%	1	0	-15	19	-1	29	10	18	-17	25	1	-4
80%	32	57	40	5	0	0	15	2	30	48	106	63
90%	1	-5	-6	52	33	25	51	13	10	10	9	-7

Table 5A-B5.1.2.2-D. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8	9	7	6	10	6	10	8	7	6	5	6
Wet Water Years	-2	0	-1	1	2	0	0	-1	-1	0	1	3
Above Normal Water Years	4	8	4	4	3	-1	2	3	3	-3	-10	-8
Below Normal Water Years	14	17	11	12	13	2	10	8	8	4	1	2
Dry Water Years	5	6	6	-1	23	19	36	28	25	29	26	27
Critical Water Years	28	22	21	14	17	22	16	15	10	13	14	14

Table 5A-B5.1.2.3-A. Shasta Lake End-of-Month Storage (S_SHSTA), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,250	3,252	3,345	3,644	3,885	4,219	4,543	4,552	4,422	3,907	3,624	3,400
20%	3,232	3,249	3,331	3,590	3,790	4,117	4,434	4,552	4,294	3,779	3,502	3,376
30%	3,116	3,170	3,305	3,525	3,718	4,038	4,380	4,366	4,110	3,554	3,230	3,191
40%	2,953	3,062	3,286	3,474	3,627	3,987	4,323	4,243	3,942	3,419	3,143	2,995
50%	2,839	2,910	3,235	3,364	3,536	3,930	4,240	4,185	3,850	3,285	2,979	2,884
60%	2,737	2,798	2,974	3,252	3,393	3,836	4,079	4,057	3,634	3,118	2,866	2,791
70%	2,607	2,605	2,789	3,112	3,284	3,671	3,965	3,892	3,369	2,981	2,681	2,684
80%	2,256	2,358	2,577	2,849	3,252	3,483	3,869	3,622	3,234	2,728	2,439	2,301
90%	1,803	1,758	1,955	2,400	2,840	3,092	3,085	2,918	2,517	2,117	1,848	1,755

Table 5A-B5.1.2.3-B. Shasta Lake End-of-Month Storage (S_SHSTA), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,670	2,704	2,891	3,166	3,401	3,742	4,023	3,961	3,648	3,158	2,860	2,737
Wet Water Years	2,751	2,831	3,095	3,413	3,519	3,796	4,254	4,372	4,171	3,634	3,309	3,100
Above Normal Water Years	2,899	2,983	3,136	3,419	3,572	4,043	4,391	4,267	3,879	3,324	3,015	2,850
Below Normal Water Years	2,749	2,810	2,928	3,248	3,588	3,971	4,248	4,104	3,746	3,240	2,956	2,902
Dry Water Years	2,624	2,564	2,806	3,035	3,417	3,807	3,866	3,676	3,306	2,913	2,652	2,591
Critical Water Years	2,158	2,079	2,162	2,271	2,523	2,798	2,804	2,622	2,224	1,832	1,547	1,471

Table 5A-B5.1.2.3-C. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	1	0	0	0	14	0	-1	-12	-39	0
20%	-15	8	2	1	-1	-6	19	0	0	-4	25	-7
30%	8	-1	-2	0	3	0	0	8	11	21	-16	25
40%	2	-11	-4	3	7	6	13	6	-9	-3	12	-15
50%	6	10	-12	-2	18	-3	37	16	23	16	-4	-13
60%	29	-2	-1	0	0	26	-8	19	2	53	25	8
70%	4	13	-7	20	2	29	11	41	13	26	17	33
80%	33	51	66	19	0	0	15	2	30	47	108	63
90%	1	-1	20	175	80	100	63	30	14	14	6	-7

Table 5A-B5.1.2.3-D. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	21	22	20	18	23	16	25	22	21	21	22	23
Wet Water Years	7	8	8	7	7	0	0	-1	-1	-1	1	3
Above Normal Water Years	7	7	2	4	3	-1	3	3	3	-3	-10	-7
Below Normal Water Years	19	24	18	18	17	6	25	22	21	16	13	10
Dry Water Years	16	17	14	7	31	27	50	43	42	44	46	47
Critical Water Years	79	74	76	69	83	82	80	76	71	79	98	96

Table 5A-B5.1.2.4-A. Shasta Lake End-of-Month Storage (S_SHSTA), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,250	3,252	3,346	3,644	3,885	4,225	4,541	4,552	4,422	3,906	3,626	3,400
20%	3,232	3,252	3,331	3,592	3,790	4,123	4,434	4,552	4,294	3,777	3,488	3,380
30%	3,116	3,174	3,302	3,525	3,718	4,047	4,380	4,364	4,110	3,555	3,223	3,184
40%	2,966	3,083	3,282	3,467	3,619	3,987	4,316	4,243	3,943	3,412	3,143	3,014
50%	2,832	2,896	3,228	3,364	3,536	3,930	4,240	4,184	3,840	3,286	2,984	2,897
60%	2,729	2,796	2,996	3,252	3,395	3,835	4,101	4,057	3,631	3,148	2,891	2,787
70%	2,629	2,654	2,789	3,111	3,282	3,662	3,980	3,903	3,386	2,982	2,686	2,684
80%	2,272	2,345	2,582	2,863	3,252	3,483	3,870	3,611	3,247	2,742	2,454	2,300
90%	1,799	1,788	1,949	2,464	2,833	3,072	3,145	2,919	2,536	2,132	1,843	1,754

Table 5A-B5.1.2.4-B. Shasta Lake End-of-Month Storage (S_SHSTA), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,676	2,709	2,896	3,170	3,403	3,746	4,029	3,966	3,652	3,162	2,865	2,743
Wet Water Years	2,754	2,837	3,100	3,417	3,522	3,796	4,254	4,372	4,170	3,633	3,308	3,099
Above Normal Water Years	2,900	2,980	3,137	3,419	3,572	4,044	4,395	4,270	3,882	3,328	3,012	2,844
Below Normal Water Years	2,755	2,813	2,932	3,248	3,586	3,966	4,250	4,107	3,748	3,242	2,955	2,904
Dry Water Years	2,633	2,569	2,811	3,037	3,419	3,827	3,893	3,692	3,316	2,924	2,673	2,615
Critical Water Years	2,176	2,095	2,178	2,287	2,538	2,813	2,818	2,636	2,238	1,849	1,567	1,490

Table 5A-B5.1.2.4-C. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	2	0	0	5	12	0	-1	-13	-37	0
20%	-15	10	3	2	-2	0	20	0	0	-6	11	-3
30%	9	4	-5	0	3	9	0	6	11	22	-24	18
40%	15	11	-8	-3	0	6	5	6	-8	-10	12	4
50%	-2	-4	-19	-2	18	-3	37	15	13	18	2	1
60%	21	-4	20	0	2	25	14	19	-1	83	50	4
70%	26	62	-7	18	-1	20	25	52	30	26	22	33
80%	48	38	70	33	0	0	15	-9	43	62	124	62
90%	-3	29	15	238	73	80	122	32	33	30	1	-9

Table 5A-B5.1.2.4-D. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	27	28	25	21	25	20	31	27	25	25	27	28
Wet Water Years	11	15	12	10	10	0	0	-1	-2	-2	0	2
Above Normal Water Years	8	4	2	5	3	-1	7	6	6	1	-13	-13
Below Normal Water Years	25	26	22	18	15	1	26	24	23	18	11	12
Dry Water Years	25	22	19	9	34	47	77	58	52	55	68	71
Critical Water Years	97	90	92	85	98	98	93	90	85	96	117	115

Table 5A-B5.1.2.5-A. Shasta Lake End-of-Month Storage (S_SHSTA), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,250	3,252	3,345	3,644	3,885	4,219	4,543	4,552	4,422	3,907	3,624	3,400
20%	3,232	3,249	3,331	3,590	3,790	4,117	4,434	4,552	4,294	3,779	3,502	3,376
30%	3,116	3,170	3,304	3,525	3,718	4,038	4,380	4,366	4,110	3,541	3,230	3,191
40%	2,953	3,062	3,286	3,474	3,627	3,987	4,323	4,243	3,942	3,418	3,142	2,995
50%	2,839	2,910	3,235	3,364	3,536	3,930	4,240	4,185	3,850	3,285	2,979	2,884
60%	2,736	2,798	2,974	3,252	3,393	3,836	4,079	4,057	3,633	3,118	2,866	2,791
70%	2,607	2,605	2,790	3,113	3,284	3,671	3,965	3,892	3,369	2,981	2,681	2,684
80%	2,256	2,358	2,578	2,849	3,252	3,483	3,869	3,622	3,234	2,728	2,438	2,301
90%	1,803	1,758	1,955	2,401	2,841	3,091	3,086	2,918	2,517	2,117	1,848	1,755

Table 5A-B5.1.2.5-B. Shasta Lake End-of-Month Storage (S_SHSTA), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,670	2,704	2,891	3,166	3,401	3,742	4,023	3,961	3,648	3,158	2,860	2,737
Wet Water Years	2,751	2,831	3,095	3,413	3,519	3,796	4,254	4,372	4,171	3,634	3,309	3,100
Above Normal Water Years	2,899	2,983	3,136	3,419	3,572	4,043	4,391	4,267	3,879	3,324	3,015	2,850
Below Normal Water Years	2,749	2,810	2,928	3,248	3,588	3,971	4,248	4,104	3,746	3,240	2,956	2,902
Dry Water Years	2,624	2,564	2,806	3,035	3,417	3,807	3,866	3,676	3,306	2,913	2,652	2,591
Critical Water Years	2,158	2,079	2,162	2,271	2,523	2,798	2,804	2,622	2,224	1,832	1,547	1,470

Table 5A-B5.1.2.5-C. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	1	0	0	0	14	0	0	-12	-39	0
20%	-15	8	2	1	-1	-6	19	0	0	-4	25	-7
30%	8	-1	-2	0	3	0	0	8	11	8	-16	25
40%	2	-11	-4	3	7	6	13	6	-9	-3	12	-15
50%	6	10	-12	-2	18	-3	37	16	23	16	-4	-13
60%	28	-2	-1	0	0	26	-8	19	1	53	25	8
70%	4	13	-7	20	2	29	11	41	13	26	17	33
80%	32	51	67	19	0	0	15	2	30	48	108	63
90%	1	-1	20	175	80	100	63	30	14	14	6	-7

Table 5A-B5.1.2.5-D. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	21	22	20	18	23	16	25	22	21	21	22	23
Wet Water Years	8	9	8	6	7	0	0	-1	-1	-1	1	3
Above Normal Water Years	7	7	2	4	3	-1	3	3	3	-3	-10	-7
Below Normal Water Years	19	24	18	18	17	6	24	21	21	16	13	10
Dry Water Years	16	17	14	7	31	27	50	43	42	44	46	47
Critical Water Years	79	74	76	69	83	82	79	76	71	79	98	96

B.1.3 Oroville Storage

Figure 5A-B5.1.3.1-A. Lake Oroville End-of-Month Storage (S_OROVL), Probability of Exceedance for No Project Alternatives, October to March

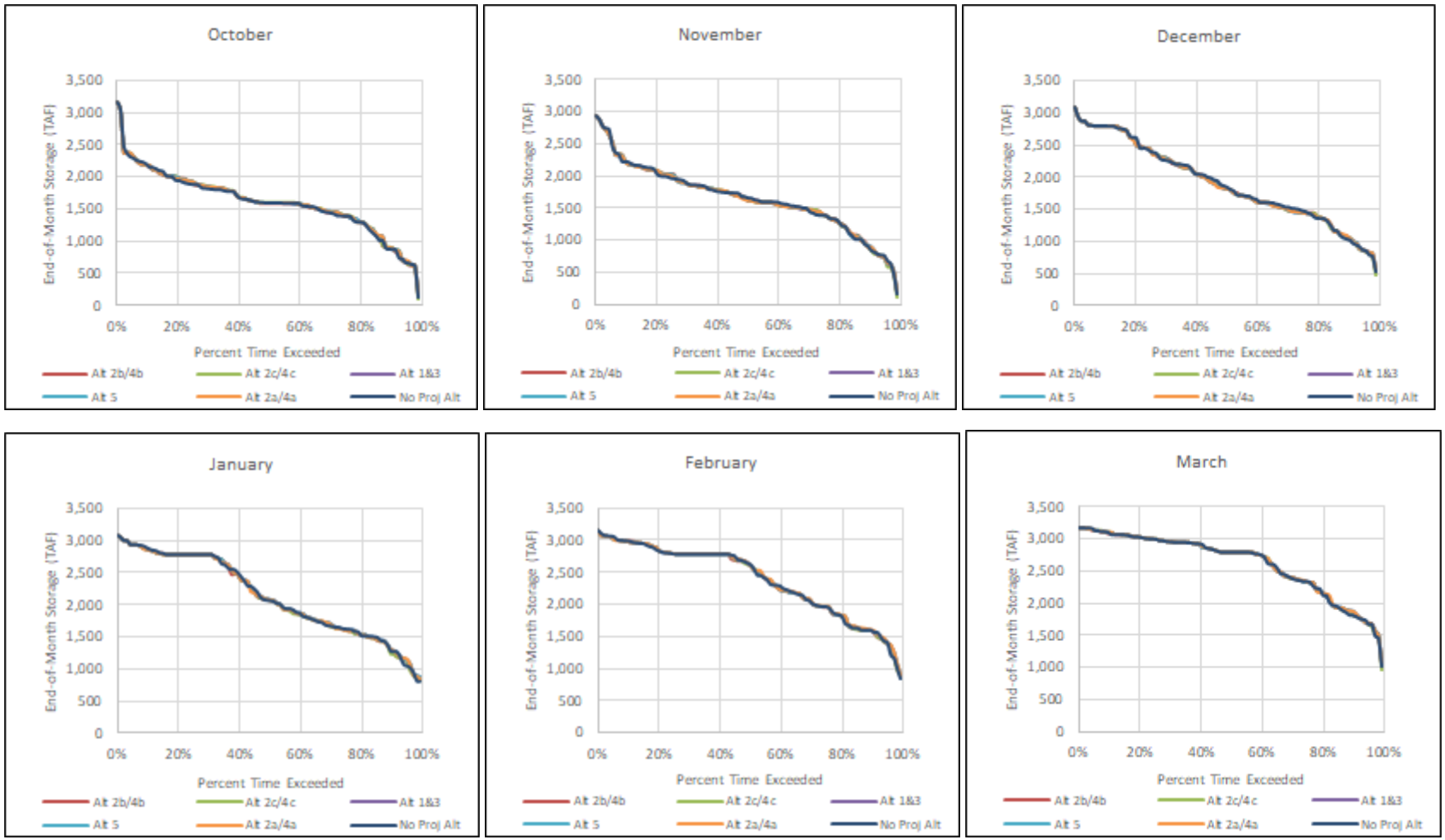


Figure 5A-B5.1.3.1-B. Lake Oroville End-of-Month Storage (S_OROVL), Probability of Exceedance for No Project Alternatives, April to September

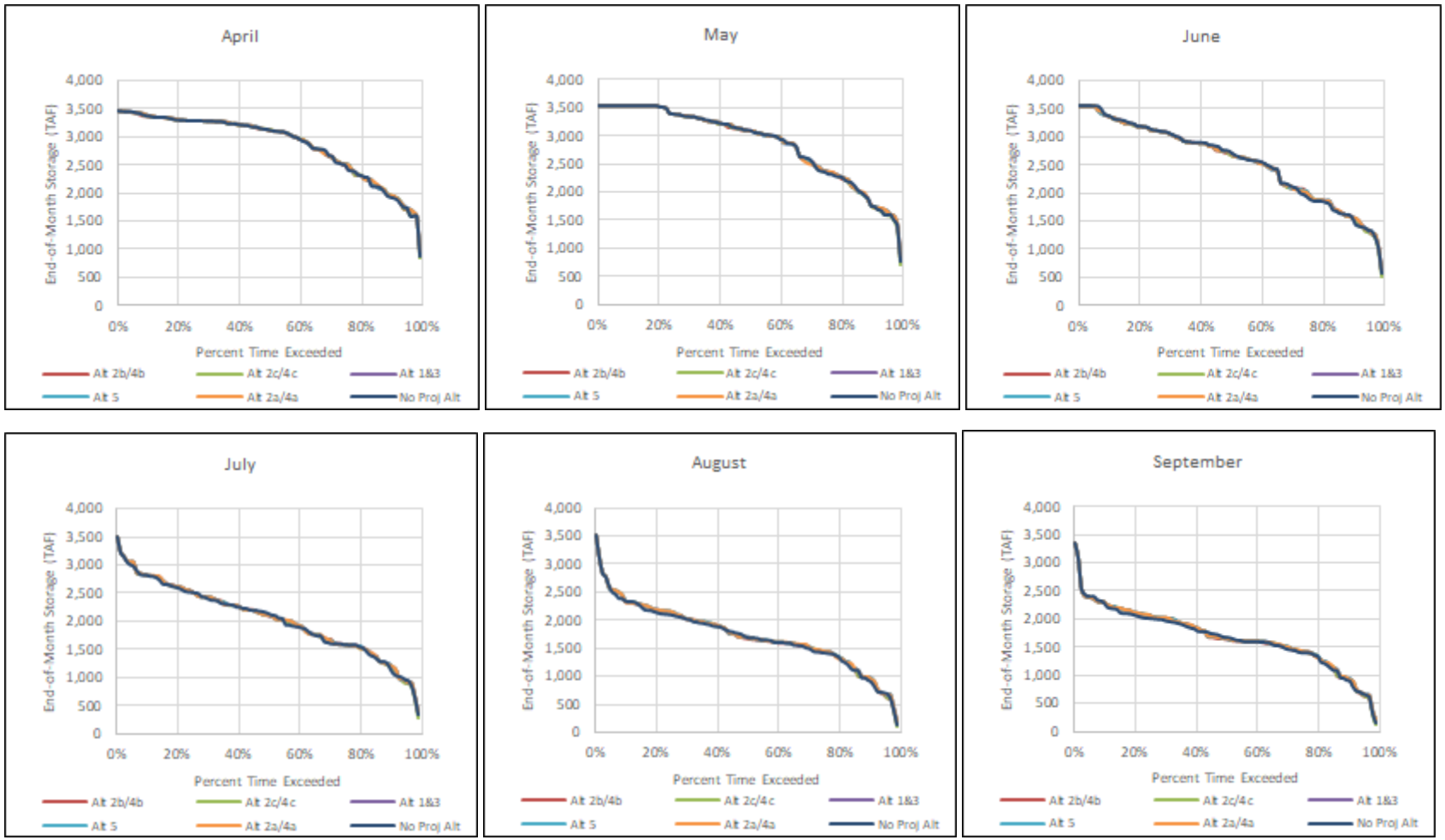


Table 5A-B5.1.3.1-A. Lake Oroville End-of-Month Storage (S_OROVL), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,188	2,229	2,788	2,888	2,989	3,086	3,373	3,538	3,360	2,811	2,329	2,266
20%	1,950	2,057	2,604	2,788	2,841	3,022	3,304	3,525	3,176	2,592	2,130	2,069
30%	1,821	1,894	2,254	2,787	2,788	2,951	3,283	3,346	3,048	2,396	2,012	1,972
40%	1,700	1,766	2,045	2,494	2,788	2,916	3,225	3,231	2,886	2,242	1,884	1,816
50%	1,597	1,669	1,845	2,071	2,632	2,788	3,130	3,098	2,717	2,135	1,692	1,677
60%	1,596	1,598	1,650	1,877	2,292	2,749	2,971	2,949	2,549	1,895	1,594	1,594
70%	1,454	1,494	1,524	1,677	2,059	2,393	2,669	2,584	2,112	1,609	1,497	1,475
80%	1,302	1,310	1,359	1,557	1,828	2,182	2,324	2,271	1,843	1,550	1,357	1,351
90%	890	911	1,029	1,311	1,598	1,814	1,938	1,793	1,561	1,209	942	926

Table 5A-B5.1.3.1-B. Lake Oroville End-of-Month Storage (S_OROVL), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,616	1,659	1,897	2,138	2,381	2,613	2,868	2,870	2,546	2,035	1,717	1,673
Wet Water Years	1,716	1,843	2,310	2,664	2,860	2,945	3,287	3,422	3,199	2,642	2,241	2,150
Above Normal Water Years	1,825	1,862	2,111	2,515	2,708	2,939	3,266	3,280	2,886	2,268	1,899	1,820
Below Normal Water Years	1,608	1,631	1,734	1,945	2,300	2,657	2,962	2,902	2,522	1,956	1,663	1,658
Dry Water Years	1,452	1,426	1,549	1,658	1,913	2,262	2,378	2,277	1,850	1,470	1,257	1,247
Critical Water Years	1,392	1,335	1,359	1,389	1,540	1,772	1,783	1,666	1,359	1,017	792	780

Table 5A-B5.1.3.1-C. Lake Oroville End-of-Month Storage (S_OROVL), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,176	2,221	2,788	2,865	2,992	3,077	3,369	3,538	3,349	2,808	2,321	2,284
20%	1,992	2,073	2,531	2,788	2,855	3,022	3,304	3,525	3,176	2,604	2,152	2,094
30%	1,854	1,899	2,299	2,787	2,788	2,951	3,283	3,346	3,049	2,426	2,012	2,017
40%	1,697	1,788	2,052	2,460	2,788	2,909	3,216	3,217	2,879	2,268	1,907	1,846
50%	1,596	1,651	1,815	2,081	2,621	2,788	3,135	3,098	2,678	2,095	1,669	1,647
60%	1,594	1,565	1,622	1,863	2,242	2,744	2,967	2,986	2,537	1,897	1,596	1,595
70%	1,453	1,487	1,497	1,682	2,068	2,386	2,668	2,536	2,081	1,676	1,528	1,501
80%	1,315	1,309	1,406	1,549	1,836	2,174	2,318	2,263	1,860	1,552	1,354	1,359
90%	908	926	1,076	1,317	1,599	1,845	1,967	1,804	1,574	1,214	956	952

Table 5A-B5.1.3.1-D. Lake Oroville End-of-Month Storage (S_OROVL), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,621	1,662	1,894	2,137	2,382	2,615	2,868	2,869	2,545	2,045	1,725	1,681
Wet Water Years	1,723	1,849	2,309	2,666	2,862	2,945	3,287	3,420	3,184	2,651	2,259	2,165
Above Normal Water Years	1,825	1,867	2,108	2,515	2,715	2,938	3,266	3,280	2,885	2,300	1,901	1,827
Below Normal Water Years	1,611	1,631	1,729	1,941	2,298	2,653	2,958	2,895	2,515	1,954	1,658	1,656
Dry Water Years	1,462	1,426	1,545	1,654	1,922	2,285	2,400	2,296	1,898	1,505	1,277	1,266
Critical Water Years	1,394	1,336	1,356	1,389	1,536	1,768	1,768	1,659	1,358	1,016	790	778

Table 5A-B5.1.3.1-E. Lake Oroville End-of-Month Storage (S_OROVL), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-12	-8	0	-23	3	-9	-4	0	-10	-3	-9	17
20%	43	16	-73	0	15	0	0	0	0	12	22	25
30%	33	5	44	0	0	0	0	-1	0	30	0	45
40%	-3	22	7	-34	0	-7	-9	-14	-8	27	23	31
50%	0	-18	-30	10	-11	0	4	0	-38	-40	-23	-30
60%	-2	-33	-28	-14	-50	-4	-4	37	-13	1	2	1
70%	0	-7	-26	5	9	-7	-2	-48	-31	67	31	26
80%	13	-1	47	-8	8	-8	-6	-8	17	2	-2	8
90%	18	16	47	6	0	31	29	11	13	5	14	26

Table 5A-B5.1.3.1-F. Lake Oroville End-of-Month Storage (S_OROVL), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	3	-3	-1	1	2	0	-1	0	11	8	8
Wet Water Years	7	6	-1	2	1	0	-1	-2	-15	9	18	15
Above Normal Water Years	0	5	-3	-1	7	0	0	0	-1	32	2	6
Below Normal Water Years	3	0	-5	-4	-2	-4	-4	-7	-7	-1	-5	-2
Dry Water Years	10	0	-4	-4	9	23	22	19	48	34	20	20
Critical Water Years	1	2	-3	0	-4	-4	-14	-7	-2	-1	-2	-2

Table 5A-B5.1.3.2-A. Lake Oroville End-of-Month Storage (S_OROVL), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,174	2,222	2,788	2,865	2,985	3,095	3,373	3,538	3,358	2,815	2,326	2,285
20%	1,993	2,098	2,533	2,788	2,855	3,022	3,304	3,525	3,177	2,605	2,166	2,109
30%	1,845	1,898	2,299	2,787	2,788	2,951	3,283	3,346	3,049	2,424	2,012	2,018
40%	1,697	1,793	2,055	2,468	2,788	2,909	3,216	3,217	2,879	2,268	1,881	1,847
50%	1,596	1,643	1,817	2,085	2,613	2,788	3,136	3,092	2,676	2,113	1,680	1,652
60%	1,592	1,564	1,620	1,862	2,241	2,744	2,974	2,984	2,530	1,920	1,594	1,595
70%	1,453	1,487	1,493	1,682	2,070	2,386	2,666	2,536	2,088	1,670	1,528	1,504
80%	1,303	1,309	1,411	1,549	1,833	2,174	2,320	2,278	1,870	1,546	1,354	1,359
90%	905	923	1,051	1,289	1,599	1,838	1,962	1,794	1,566	1,210	955	942

Table 5A-B5.1.3.2-B. Lake Oroville End-of-Month Storage (S_OROVL), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,619	1,660	1,892	2,136	2,381	2,614	2,869	2,868	2,544	2,045	1,725	1,681
Wet Water Years	1,721	1,847	2,308	2,665	2,859	2,945	3,287	3,420	3,182	2,651	2,265	2,171
Above Normal Water Years	1,819	1,861	2,101	2,516	2,715	2,938	3,265	3,279	2,884	2,297	1,902	1,828
Below Normal Water Years	1,612	1,632	1,730	1,941	2,298	2,654	2,961	2,897	2,517	1,960	1,658	1,656
Dry Water Years	1,462	1,427	1,546	1,655	1,924	2,287	2,409	2,298	1,902	1,506	1,276	1,265
Critical Water Years	1,390	1,329	1,347	1,379	1,528	1,757	1,759	1,647	1,344	1,004	779	767

Table 5A-B5.1.3.2-C. Lake Oroville End-of-Month Storage (S_OROVL), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-14	-7	0	-23	-4	9	0	0	-2	4	-4	19
20%	43	42	-71	0	15	0	0	0	1	13	36	41
30%	24	4	45	0	0	0	0	-1	0	28	0	46
40%	-4	27	10	-26	0	-7	-9	-14	-8	27	-3	32
50%	0	-26	-28	14	-20	0	6	-6	-41	-22	-12	-25
60%	-4	-34	-30	-15	-51	-4	3	35	-20	25	1	0
70%	0	-6	-31	5	11	-6	-3	-48	-23	61	31	29
80%	1	-1	52	-9	5	-8	-4	7	27	-4	-3	8
90%	15	12	23	-22	0	24	25	1	5	1	13	16

Table 5A-B5.1.3.2-D. Lake Oroville End-of-Month Storage (S_OROVL), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	1	-5	-2	0	1	1	-1	-1	10	8	8
Wet Water Years	5	4	-2	1	-1	0	-1	-2	-16	8	24	21
Above Normal Water Years	-6	-1	-10	1	7	0	-1	-1	-2	29	3	7
Below Normal Water Years	4	1	-5	-4	-1	-2	-2	-5	-5	4	-5	-2
Dry Water Years	11	1	-3	-4	11	25	31	21	52	36	19	18
Critical Water Years	-2	-6	-13	-9	-11	-15	-23	-19	-15	-13	-13	-14

Table 5A-B5.1.3.3-A. Lake Oroville End-of-Month Storage (S_OROVL), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,183	2,220	2,788	2,865	2,981	3,095	3,389	3,538	3,361	2,819	2,329	2,287
20%	1,989	2,100	2,537	2,788	2,855	3,022	3,312	3,525	3,176	2,619	2,177	2,110
30%	1,843	1,899	2,299	2,787	2,788	2,951	3,285	3,347	3,048	2,424	2,012	2,018
40%	1,696	1,787	2,056	2,469	2,788	2,905	3,232	3,244	2,879	2,275	1,884	1,846
50%	1,597	1,643	1,822	2,086	2,625	2,788	3,121	3,092	2,714	2,112	1,690	1,644
60%	1,579	1,572	1,624	1,869	2,238	2,745	2,965	2,978	2,523	1,934	1,592	1,595
70%	1,466	1,487	1,515	1,714	2,074	2,401	2,664	2,530	2,089	1,657	1,529	1,508
80%	1,326	1,303	1,380	1,540	1,832	2,175	2,323	2,277	1,869	1,564	1,344	1,349
90%	905	937	1,070	1,321	1,599	1,884	1,959	1,789	1,576	1,249	975	953

Table 5A-B5.1.3.3-B. Lake Oroville End-of-Month Storage (S_OROVL), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,624	1,664	1,896	2,139	2,385	2,618	2,875	2,874	2,552	2,053	1,730	1,686
Wet Water Years	1,725	1,850	2,311	2,668	2,864	2,945	3,287	3,420	3,185	2,653	2,265	2,171
Above Normal Water Years	1,819	1,861	2,103	2,515	2,715	2,938	3,265	3,279	2,885	2,297	1,902	1,829
Below Normal Water Years	1,607	1,628	1,726	1,937	2,294	2,652	2,960	2,893	2,514	1,962	1,658	1,656
Dry Water Years	1,465	1,429	1,549	1,658	1,926	2,289	2,422	2,309	1,914	1,516	1,274	1,261
Critical Water Years	1,420	1,360	1,376	1,403	1,553	1,786	1,799	1,689	1,387	1,047	820	808

Table 5A-B5.1.3.3-C. Lake Oroville End-of-Month Storage (S_OROVL), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-4	-8	0	-23	-8	8	16	0	1	8	-1	20
20%	39	43	-67	0	15	0	7	0	0	27	47	42
30%	22	5	44	0	0	0	2	1	0	28	0	46
40%	-4	21	11	-25	0	-11	7	13	-8	34	0	30
50%	0	-26	-23	15	-7	0	-9	-6	-3	-23	-2	-32
60%	-17	-26	-26	-8	-54	-4	-5	29	-27	38	-2	0
70%	12	-6	-9	37	15	8	-5	-54	-23	48	32	32
80%	24	-7	21	-18	3	-7	-1	6	26	14	-12	-2
90%	15	26	42	11	1	70	21	-4	15	40	32	27

Table 5A-B5.1.3.3-D. Lake Oroville End-of-Month Storage (S_OROVL), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8	5	-1	1	4	5	7	4	6	19	13	13
Wet Water Years	9	8	1	4	3	0	-1	-2	-14	10	24	21
Above Normal Water Years	-6	-2	-8	0	7	0	-1	-1	-1	30	3	8
Below Normal Water Years	-1	-4	-8	-8	-5	-5	-3	-9	-8	6	-5	-2
Dry Water Years	13	4	0	-1	13	27	44	33	64	46	17	15
Critical Water Years	28	26	17	14	13	14	17	22	28	29	28	27

Table 5A-B5.1.3.4-A. Lake Oroville End-of-Month Storage (S_OROVL), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,184	2,221	2,788	2,865	2,981	3,096	3,389	3,538	3,361	2,819	2,312	2,286
20%	1,972	2,100	2,528	2,788	2,855	3,022	3,312	3,525	3,175	2,619	2,175	2,110
30%	1,845	1,899	2,277	2,787	2,788	2,951	3,285	3,347	3,048	2,423	2,012	2,017
40%	1,696	1,783	2,055	2,469	2,788	2,909	3,232	3,244	2,879	2,275	1,899	1,848
50%	1,597	1,634	1,824	2,085	2,626	2,788	3,121	3,091	2,714	2,111	1,685	1,651
60%	1,585	1,565	1,624	1,871	2,235	2,745	2,968	2,973	2,516	1,933	1,593	1,595
70%	1,462	1,488	1,516	1,714	2,077	2,404	2,662	2,498	2,124	1,681	1,547	1,504
80%	1,297	1,303	1,395	1,549	1,836	2,161	2,324	2,277	1,871	1,546	1,320	1,324
90%	905	922	1,099	1,328	1,601	1,882	1,964	1,795	1,569	1,236	979	957

Table 5A-B5.1.3.4-B. Lake Oroville End-of-Month Storage (S_OROVL), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,624	1,664	1,896	2,139	2,386	2,620	2,877	2,875	2,552	2,053	1,730	1,687
Wet Water Years	1,721	1,846	2,307	2,666	2,864	2,945	3,287	3,420	3,186	2,654	2,264	2,171
Above Normal Water Years	1,823	1,865	2,106	2,516	2,715	2,938	3,265	3,279	2,884	2,296	1,904	1,831
Below Normal Water Years	1,610	1,630	1,728	1,939	2,297	2,653	2,961	2,894	2,514	1,958	1,657	1,655
Dry Water Years	1,467	1,432	1,551	1,660	1,927	2,299	2,429	2,310	1,914	1,519	1,276	1,263
Critical Water Years	1,421	1,360	1,378	1,404	1,555	1,788	1,799	1,690	1,387	1,046	820	808

Table 5A-B5.1.3.4-C. Lake Oroville End-of-Month Storage (S_OROVL), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-4	-8	0	-23	-8	10	16	0	2	8	-17	19
20%	22	43	-76	0	15	0	7	0	-1	27	45	42
30%	24	5	22	0	0	0	2	1	0	28	0	45
40%	-4	17	10	-25	0	-7	7	13	-8	34	15	32
50%	0	-35	-21	14	-7	0	-9	-7	-3	-24	-6	-26
60%	-11	-33	-26	-6	-58	-4	-3	24	-33	37	0	0
70%	9	-6	-8	38	18	11	-7	-86	13	72	50	29
80%	-5	-7	36	-8	7	-21	0	6	28	-3	-37	-27
90%	15	12	70	17	3	68	27	3	8	27	36	31

Table 5A-B5.1.3.4-D. Lake Oroville End-of-Month Storage (S_OROVL), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8	5	-1	1	5	7	9	5	6	19	14	14
Wet Water Years	5	4	-3	2	4	0	-1	-2	-12	12	23	21
Above Normal Water Years	-2	3	-5	0	7	0	-2	-2	-2	28	5	10
Below Normal Water Years	2	-1	-6	-5	-3	-3	-1	-8	-8	3	-5	-2
Dry Water Years	15	6	2	1	14	37	51	33	65	48	19	17
Critical Water Years	29	25	18	16	15	16	17	24	28	29	28	28

Table 5A-B5.1.3.5-A. Lake Oroville End-of-Month Storage (S_OROVL), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,183	2,220	2,788	2,865	2,981	3,095	3,389	3,538	3,361	2,819	2,328	2,287
20%	1,989	2,100	2,537	2,788	2,855	3,022	3,312	3,525	3,176	2,619	2,177	2,110
30%	1,843	1,899	2,299	2,787	2,788	2,951	3,285	3,347	3,048	2,424	2,012	2,014
40%	1,696	1,781	2,056	2,469	2,788	2,905	3,232	3,244	2,879	2,276	1,885	1,846
50%	1,597	1,643	1,822	2,086	2,625	2,788	3,121	3,092	2,714	2,113	1,690	1,644
60%	1,579	1,572	1,624	1,869	2,238	2,745	2,965	2,978	2,523	1,934	1,592	1,595
70%	1,467	1,487	1,515	1,714	2,074	2,402	2,664	2,530	2,089	1,657	1,530	1,518
80%	1,326	1,303	1,380	1,540	1,832	2,175	2,323	2,278	1,869	1,564	1,344	1,349
90%	905	937	1,070	1,321	1,599	1,884	1,959	1,789	1,576	1,249	975	953

Table 5A-B5.1.3.5-B. Lake Oroville End-of-Month Storage (S_OROVL), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,624	1,664	1,896	2,139	2,385	2,618	2,875	2,874	2,552	2,053	1,730	1,686
Wet Water Years	1,725	1,850	2,311	2,668	2,864	2,945	3,287	3,420	3,185	2,652	2,264	2,171
Above Normal Water Years	1,819	1,861	2,103	2,515	2,715	2,938	3,265	3,279	2,885	2,298	1,903	1,829
Below Normal Water Years	1,607	1,627	1,725	1,936	2,294	2,652	2,960	2,893	2,514	1,962	1,658	1,657
Dry Water Years	1,465	1,430	1,549	1,658	1,927	2,289	2,422	2,310	1,914	1,516	1,274	1,261
Critical Water Years	1,420	1,360	1,376	1,403	1,553	1,786	1,799	1,689	1,387	1,047	820	808

Table 5A-B5.1.3.5-C. Lake Oroville End-of-Month Storage (S_OROVL), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-4	-9	0	-23	-8	8	16	0	1	8	-1	20
20%	39	43	-67	0	15	0	7	0	0	27	47	41
30%	22	5	44	0	0	0	2	1	0	28	0	42
40%	-4	15	11	-25	0	-11	7	13	-8	34	0	30
50%	0	-26	-23	15	-7	0	-9	-6	-3	-23	-2	-32
60%	-17	-26	-27	-8	-54	-4	-5	28	-27	38	-2	0
70%	13	-6	-9	37	15	9	-5	-54	-23	48	33	43
80%	24	-7	21	-18	3	-7	-1	6	26	14	-12	-2
90%	15	26	42	11	1	70	21	-3	15	40	33	27

Table 5A-B5.1.3.5-D. Lake Oroville End-of-Month Storage (S_OROVL), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8	5	-1	1	4	5	8	5	6	19	13	13
Wet Water Years	9	8	1	5	3	0	-1	-2	-14	10	23	21
Above Normal Water Years	-6	-1	-8	0	7	0	-1	-1	-1	30	4	8
Below Normal Water Years	-1	-4	-9	-9	-5	-5	-3	-9	-8	7	-5	-1
Dry Water Years	13	4	0	-1	13	27	44	33	64	46	17	15
Critical Water Years	28	26	17	14	13	14	17	23	28	29	28	28

B.1.4 Folsom Storage

Figure 5A-B5.1.4.1-A. Folsom Lake End-of-Month Storage (S_FOLSM), Probability of Exceedance for No Project Alternatives, October to March

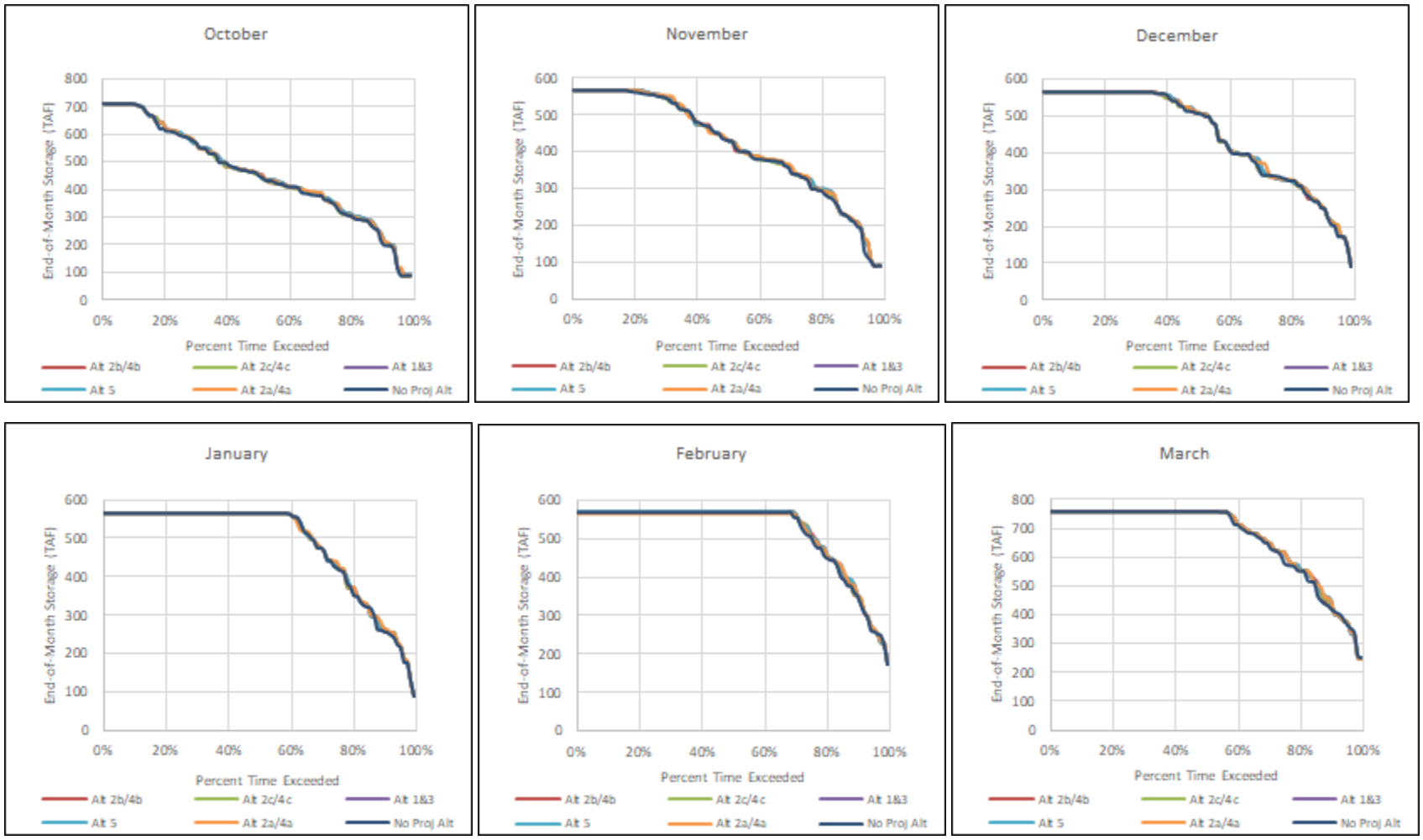


Figure 5A-B5.1.4.1-B. Folsom Lake End-of-Month Storage (S_FOLSM), Probability of Exceedance for No Project Alternatives, April to September

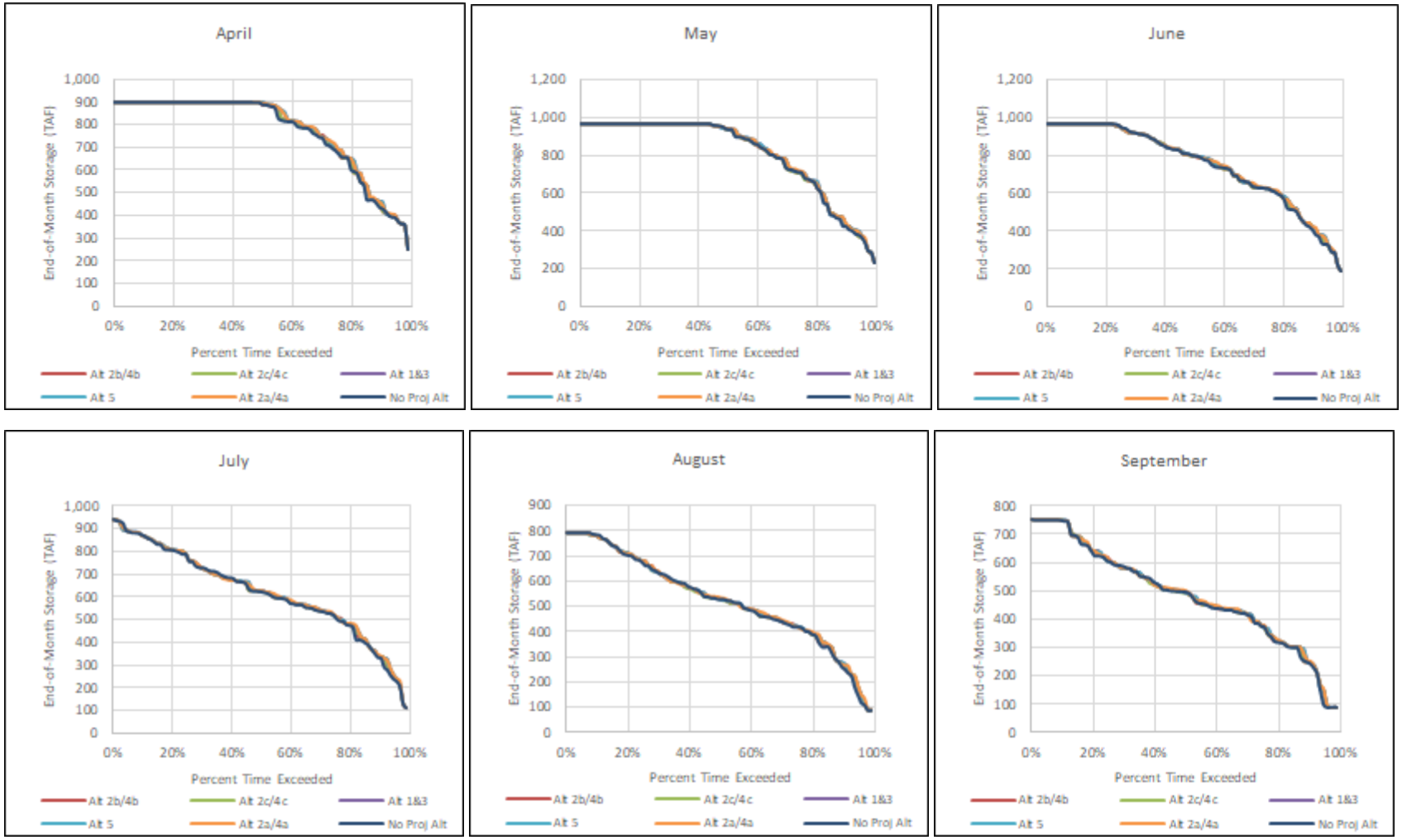


Table 5A-B5.1.4.1-A. Folsom Lake End-of-Month Storage (S_FOLSM), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	711	567	567	567	567	756	900	967	967	872	783	750
20%	617	562	567	567	567	756	900	967	967	807	703	635
30%	572	547	567	567	567	756	900	967	918	729	634	588
40%	497	481	559	567	567	756	900	967	849	684	579	532
50%	458	431	509	567	567	756	895	938	798	624	529	498
60%	413	380	415	564	567	711	814	859	734	576	487	440
70%	380	357	358	476	554	644	745	734	637	539	444	422
80%	307	295	325	365	452	551	633	644	581	477	396	322
90%	227	218	256	260	354	422	439	426	413	339	268	252

Table 5A-B5.1.4.1-B. Folsom Lake End-of-Month Storage (S_FOLSM), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	458	416	447	485	514	663	772	808	746	618	526	484
Wet Water Years	492	455	520	567	567	749	895	950	907	768	655	596
Above Normal Water Years	502	456	490	550	558	756	878	906	817	658	559	483
Below Normal Water Years	456	421	431	493	542	694	822	860	779	635	549	517
Dry Water Years	439	381	395	400	456	556	626	662	581	486	405	380
Critical Water Years	359	308	309	296	340	414	413	400	368	295	238	227

Table 5A-B5.1.4.1-C. Folsom Lake End-of-Month Storage (S_FOLSM), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	711	567	567	567	567	756	900	967	967	866	779	750
20%	629	567	567	567	567	756	900	967	967	804	707	643
30%	569	547	567	567	567	756	900	967	918	727	640	582
40%	485	479	550	567	567	756	900	967	857	677	577	524
50%	458	431	510	567	567	756	895	937	795	626	533	497
60%	413	382	415	564	567	717	818	852	730	577	488	442
70%	381	359	354	476	565	649	757	734	632	539	444	424
80%	308	296	325	365	467	562	648	642	585	477	396	323
90%	245	217	256	261	353	426	458	440	429	346	274	252

Table 5A-B5.1.4.1-D. Folsom Lake End-of-Month Storage (S_FOLSM), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	460	417	447	486	516	667	775	809	748	619	528	486
Wet Water Years	493	456	520	567	567	749	895	950	909	767	656	598
Above Normal Water Years	507	456	491	551	559	756	879	907	817	655	557	482
Below Normal Water Years	457	422	432	494	544	694	822	860	779	635	552	519
Dry Water Years	440	382	396	401	465	582	650	671	591	494	414	387
Critical Water Years	363	311	308	296	338	412	412	400	369	296	239	227

Table 5A-B5.1.4.1-E. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-1	0	0	0	0	0	0	0	0	-6	-3	0
20%	11	5	0	0	0	0	0	0	0	-2	4	8
30%	-3	1	0	0	0	0	0	0	0	-2	6	-6
40%	-12	-2	-9	0	0	0	0	0	7	-7	-2	-9
50%	0	0	1	0	0	0	-1	-2	-3	2	5	-1
60%	0	2	-1	0	0	6	4	-7	-4	1	1	1
70%	1	2	-4	0	12	5	12	0	-5	0	0	2
80%	0	1	0	0	15	11	15	-3	4	0	0	1
90%	18	-1	0	1	-1	4	18	14	16	7	6	0

Table 5A-B5.1.4.1-F. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2	1	0	0	2	4	4	1	2	1	2	2
Wet Water Years	1	1	0	0	0	0	0	0	2	-2	1	1
Above Normal Water Years	5	0	1	1	1	0	1	1	0	-3	-2	-1
Below Normal Water Years	1	1	2	1	2	0	0	0	0	1	3	3
Dry Water Years	1	1	1	1	10	26	24	9	10	8	9	7
Critical Water Years	4	3	-1	-1	-2	-2	-1	0	1	1	1	0

Table 5A-B5.1.4.2-A. Folsom Lake End-of-Month Storage (S_FOLSM), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	711	567	567	567	567	756	900	967	967	866	779	750
20%	629	567	567	567	567	756	900	967	967	805	712	643
30%	568	547	567	567	567	756	900	967	918	726	637	582
40%	485	474	550	567	567	756	900	967	857	677	571	524
50%	458	433	511	567	567	756	899	937	795	623	531	494
60%	412	380	416	564	567	717	818	858	731	577	488	442
70%	383	359	353	476	566	649	755	734	632	539	444	424
80%	313	299	325	366	467	564	646	643	580	481	396	332
90%	245	217	257	267	354	432	459	442	429	346	274	252

Table 5A-B5.1.4.2-B. Folsom Lake End-of-Month Storage (S_FOLSM), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	460	417	448	486	516	667	775	809	748	619	528	486
Wet Water Years	492	454	520	567	567	749	895	950	909	767	656	599
Above Normal Water Years	507	456	491	551	559	756	879	907	817	655	557	482
Below Normal Water Years	457	423	432	494	544	694	822	860	779	635	550	517
Dry Water Years	440	383	397	400	465	581	651	670	591	494	414	387
Critical Water Years	365	313	310	298	340	414	412	400	369	298	241	229

Table 5A-B5.1.4.2-C. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-1	0	0	0	0	0	0	0	0	-6	-3	0
20%	12	5	0	0	0	0	0	0	0	-1	9	9
30%	-4	0	0	0	0	0	0	0	0	-2	3	-6
40%	-12	-6	-9	0	0	0	0	0	8	-7	-8	-9
50%	0	1	2	0	0	0	4	-2	-3	-1	2	-4
60%	0	0	1	0	0	6	4	-1	-4	1	1	1
70%	3	2	-5	0	12	5	10	0	-5	0	1	2
80%	6	4	0	1	15	13	14	-1	-1	4	0	10
90%	18	-1	1	7	0	9	19	17	16	7	6	1

Table 5A-B5.1.4.2-D. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2	1	1	1	2	4	4	1	2	1	2	2
Wet Water Years	-1	-1	0	0	0	0	0	0	2	-1	1	2
Above Normal Water Years	5	0	1	1	1	0	1	1	0	-3	-2	-1
Below Normal Water Years	2	2	2	1	2	1	0	0	0	0	1	0
Dry Water Years	1	2	2	1	9	25	25	8	9	8	9	7
Critical Water Years	6	5	1	1	0	0	-1	0	1	2	2	2

Table 5A-B5.1.4.3-A. Folsom Lake End-of-Month Storage (S_FOLSM), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	711	567	567	567	567	756	900	967	967	866	779	750
20%	629	567	567	567	567	756	900	967	967	805	713	643
30%	569	548	567	567	567	756	900	967	918	726	635	581
40%	497	475	558	567	567	756	900	967	854	674	577	531
50%	460	433	511	567	567	756	899	939	798	625	531	496
60%	414	387	417	564	567	717	822	865	742	577	490	448
70%	387	359	382	477	566	649	755	775	642	545	445	421
80%	313	300	325	374	467	564	653	663	589	482	398	332
90%	245	217	258	269	361	454	462	443	424	345	281	264

Table 5A-B5.1.4.3-B. Folsom Lake End-of-Month Storage (S_FOLSM), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	462	419	449	487	516	667	779	813	751	621	530	488
Wet Water Years	492	455	520	567	567	749	895	950	909	767	656	598
Above Normal Water Years	512	461	491	551	559	756	879	907	817	655	557	482
Below Normal Water Years	458	423	432	493	544	694	824	863	783	638	552	520
Dry Water Years	444	387	401	401	463	580	656	676	593	496	417	390
Critical Water Years	371	319	316	304	346	420	432	418	379	305	248	235

Table 5A-B5.1.4.3-C. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-1	0	0	0	0	0	0	0	0	-6	-3	0
20%	12	5	0	0	0	0	0	0	0	-1	10	9
30%	-3	1	0	0	0	0	0	0	0	-3	1	-8
40%	1	-6	0	0	0	0	0	0	4	-10	-2	-1
50%	2	2	3	0	0	0	4	1	0	2	2	-2
60%	1	7	2	0	0	6	7	6	8	1	3	8
70%	7	2	24	0	12	5	10	40	5	7	1	-1
80%	6	5	0	8	15	13	20	19	8	5	2	10
90%	18	-1	2	9	7	32	22	18	11	6	13	13

Table 5A-B5.1.4.3-D. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4	3	2	1	2	4	8	5	5	3	4	4
Wet Water Years	-1	0	0	0	0	0	0	0	2	-1	1	2
Above Normal Water Years	10	5	1	1	1	0	1	1	0	-3	-2	-1
Below Normal Water Years	2	2	1	1	2	1	2	3	4	4	3	3
Dry Water Years	5	6	6	2	8	24	30	14	11	10	12	9
Critical Water Years	12	11	7	7	6	6	19	19	11	10	9	9

Table 5A-B5.1.4.4-A. Folsom Lake End-of-Month Storage (S_FOLSM), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	711	567	567	567	567	756	900	967	967	866	779	750
20%	629	567	567	567	567	756	900	967	967	805	711	645
30%	571	552	567	567	567	756	900	967	918	726	640	581
40%	497	484	557	567	567	756	900	967	854	671	577	524
50%	462	434	512	567	567	756	898	942	798	626	537	503
60%	414	388	414	564	567	717	819	865	747	587	491	451
70%	391	367	376	477	566	649	755	776	656	545	451	423
80%	310	298	328	374	467	553	653	655	583	482	402	334
90%	245	222	261	273	361	452	461	450	428	351	275	263

Table 5A-B5.1.4.4-B. Folsom Lake End-of-Month Storage (S_FOLSM), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	462	420	450	487	516	667	780	813	751	622	531	489
Wet Water Years	493	455	520	567	567	749	895	950	909	767	656	598
Above Normal Water Years	510	461	491	551	559	756	880	908	817	655	555	479
Below Normal Water Years	458	423	433	494	544	694	824	863	783	639	553	521
Dry Water Years	446	389	403	405	465	582	659	677	597	499	421	394
Critical Water Years	371	319	316	303	346	419	432	418	379	306	248	235

Table 5A-B5.1.4.4-C. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-1	0	0	0	0	0	0	0	0	-6	-3	0
20%	12	5	0	0	0	0	0	0	0	-2	8	10
30%	-1	6	0	0	0	0	0	0	0	-2	6	-7
40%	0	3	-2	0	0	0	0	0	5	-13	-1	-9
50%	4	2	4	0	0	0	2	3	0	2	8	5
60%	1	8	-1	0	0	6	5	6	13	11	5	10
70%	11	10	18	0	12	5	10	41	19	6	7	1
80%	3	3	3	9	15	3	20	11	2	5	6	12
90%	18	4	5	12	7	30	22	25	15	12	7	12

Table 5A-B5.1.4.4-D. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4	4	3	2	3	5	8	6	6	4	5	4
Wet Water Years	0	0	0	0	0	0	0	0	2	-1	1	2
Above Normal Water Years	8	5	1	1	1	0	2	2	1	-3	-4	-4
Below Normal Water Years	2	2	2	1	2	0	2	3	4	4	4	4
Dry Water Years	7	8	8	5	9	26	33	15	15	14	16	13
Critical Water Years	12	11	7	7	5	5	19	19	11	11	10	8

Table 5A-B5.1.4.5-A. Folsom Lake End-of-Month Storage (S_FOLSM), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	711	567	567	567	567	756	900	967	967	866	779	752
20%	628	567	567	567	567	756	900	967	967	805	713	643
30%	570	548	567	567	567	756	900	967	918	726	635	581
40%	497	475	558	567	567	756	900	967	854	674	577	531
50%	460	433	511	567	567	756	899	939	798	625	531	496
60%	414	387	417	564	567	717	822	865	742	577	490	448
70%	387	359	382	477	566	649	755	775	642	545	445	421
80%	313	300	325	374	467	564	653	663	589	482	398	332
90%	245	217	258	269	361	455	462	443	424	345	281	264

Table 5A-B5.1.4.5-B. Folsom Lake End-of-Month Storage (S_FOLSM), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	462	419	449	487	516	667	779	813	751	621	530	488
Wet Water Years	492	455	520	567	567	749	895	950	909	767	656	598
Above Normal Water Years	512	461	491	551	559	756	879	907	817	655	557	482
Below Normal Water Years	458	423	432	493	544	694	824	863	783	638	552	520
Dry Water Years	444	387	401	401	463	580	656	676	593	496	417	390
Critical Water Years	371	319	316	304	346	420	432	418	379	305	248	235

Table 5A-B5.1.4.5-C. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-1	0	0	0	0	0	0	0	0	-6	-3	2
20%	10	5	0	0	0	0	0	0	0	-1	10	8
30%	-2	1	0	0	0	0	0	0	0	-3	1	-8
40%	1	-6	0	0	0	0	0	0	4	-10	-2	-1
50%	3	2	3	0	0	0	4	1	0	2	2	-2
60%	1	7	2	0	0	6	7	6	8	1	3	8
70%	7	2	24	0	12	5	10	40	5	7	1	-1
80%	6	5	0	8	15	13	20	19	8	5	2	10
90%	18	-1	2	9	7	32	22	17	11	6	13	13

Table 5A-B5.1.4.5-D. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4	3	2	1	2	4	8	5	5	3	4	4
Wet Water Years	-1	0	0	0	0	0	0	0	2	-1	1	2
Above Normal Water Years	10	5	1	1	1	0	1	1	0	-3	-2	-1
Below Normal Water Years	2	2	1	1	2	1	2	3	3	3	3	3
Dry Water Years	5	6	6	2	8	24	30	14	11	10	12	9
Critical Water Years	12	11	7	7	6	6	19	19	11	10	9	9

B.1.5 Total San Luis Storage

Figure 5A-B5.1.5.1-A. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Probability of Exceedance for No Project Alternatives, October to March

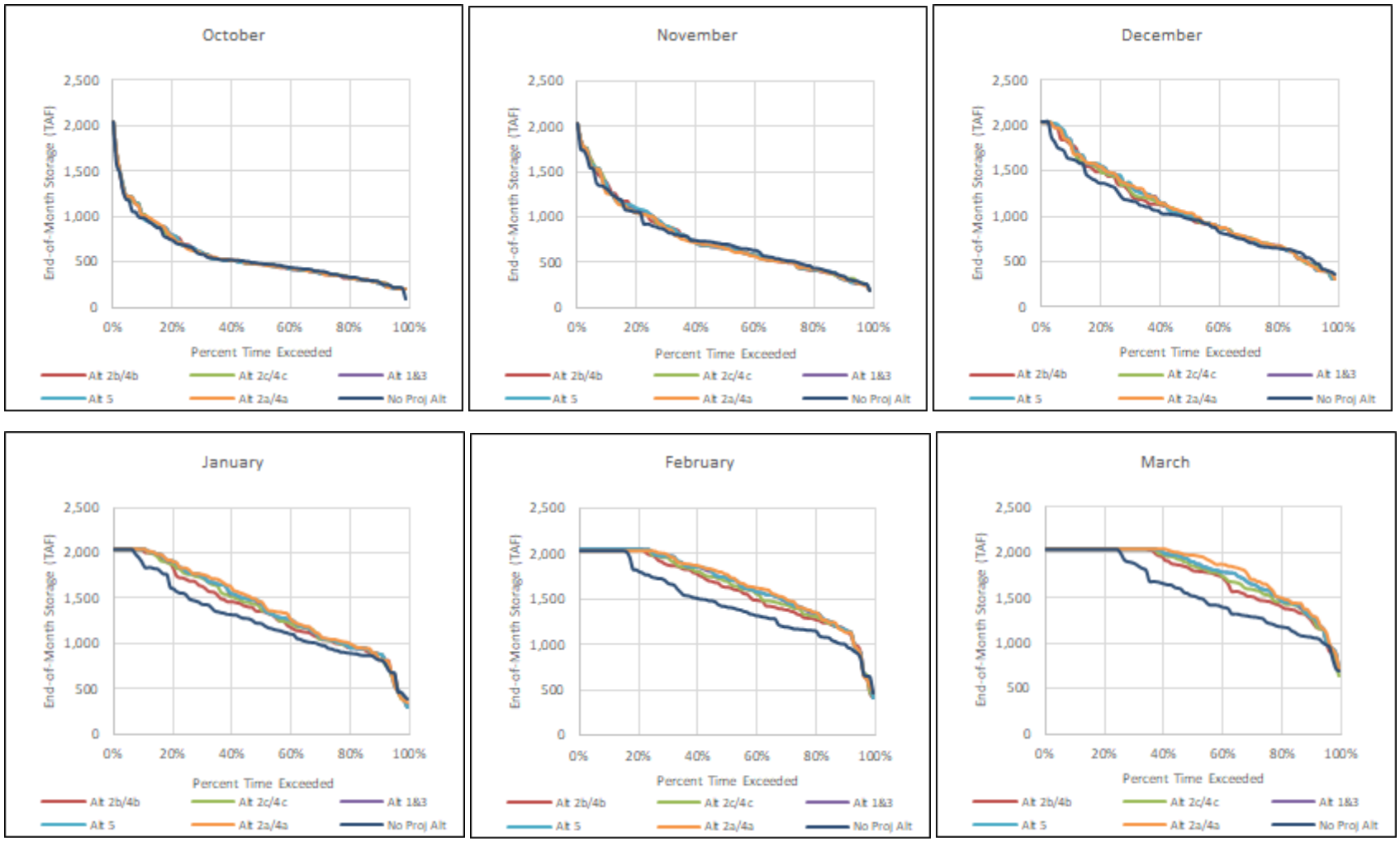


Figure 5A-B5.1.5.1-B. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Probability of Exceedance for No Project Alternatives, April to September

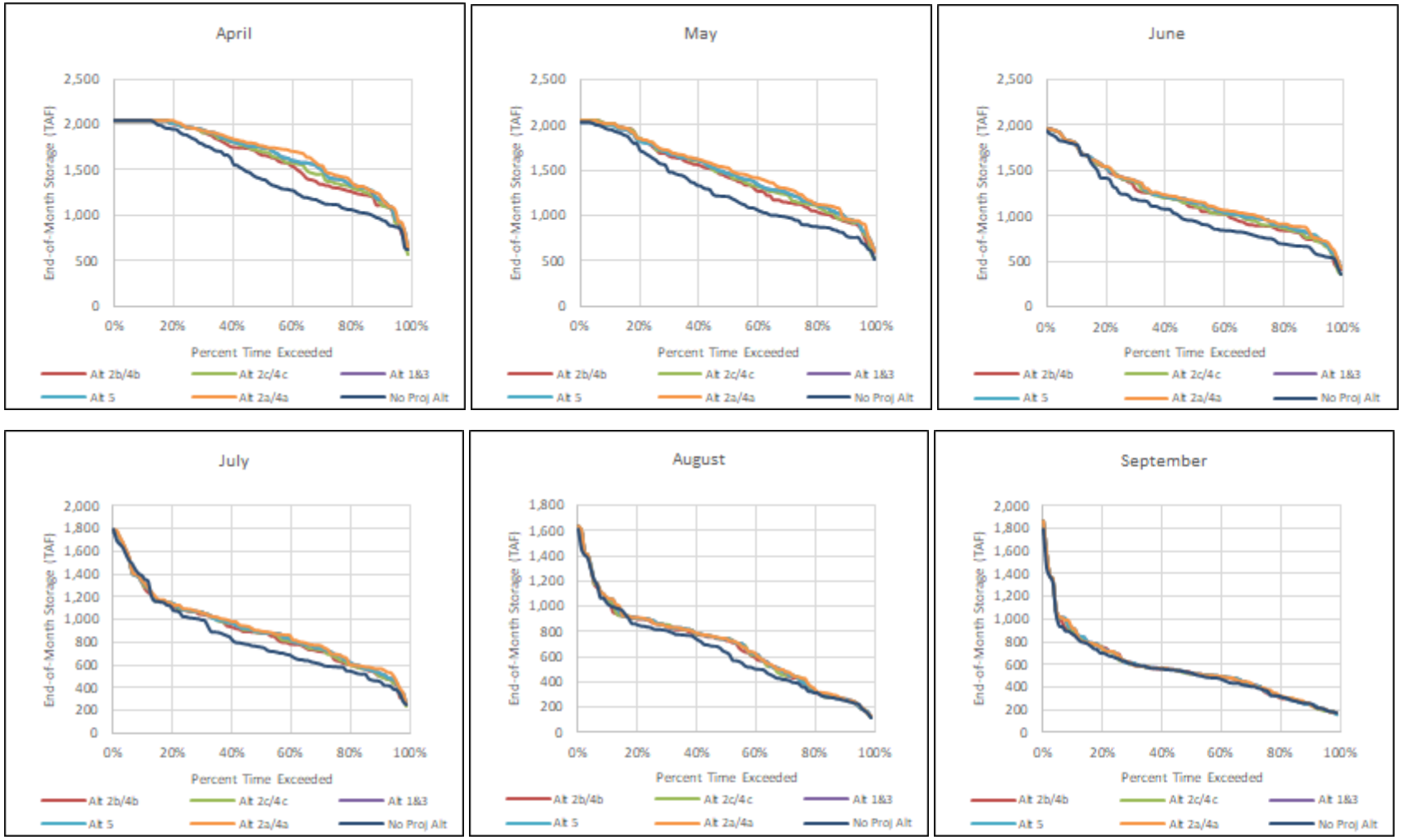


Table 5A-B5.1.5.1-A. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	986	1,317	1,631	1,886	2,039	2,039	2,039	1,958	1,780	1,376	1,026	872
20%	746	1,063	1,368	1,613	1,816	2,039	1,946	1,756	1,413	1,095	860	705
30%	590	863	1,177	1,437	1,684	1,889	1,788	1,497	1,182	995	814	613
40%	527	748	1,058	1,320	1,514	1,663	1,615	1,337	1,072	837	751	567
50%	490	707	977	1,222	1,418	1,526	1,403	1,214	941	757	644	533
60%	448	641	847	1,106	1,320	1,402	1,280	1,071	836	687	511	482
70%	407	535	731	991	1,194	1,293	1,154	988	786	611	423	416
80%	344	459	657	895	1,151	1,182	1,065	880	689	546	323	330
90%	299	362	560	825	1,005	1,070	972	792	626	458	261	264

Table 5A-B5.1.5.1-B. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	575	770	1,025	1,260	1,451	1,552	1,464	1,286	1,048	832	647	558
Wet Water Years	655	913	1,221	1,513	1,728	1,858	1,822	1,648	1,340	1,073	920	699
Above Normal Water Years	591	919	1,172	1,400	1,613	1,740	1,611	1,433	1,215	1,050	835	541
Below Normal Water Years	549	735	979	1,158	1,313	1,404	1,285	1,076	868	721	537	579
Dry Water Years	421	525	767	1,014	1,221	1,266	1,156	995	848	598	360	392
Critical Water Years	578	629	778	968	1,134	1,222	1,111	977	749	515	324	334

Table 5A-B5.1.5.1-C. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,028	1,382	1,790	2,029	2,039	2,039	2,039	2,005	1,781	1,315	1,052	872
20%	767	1,068	1,492	1,853	2,039	2,039	2,007	1,848	1,534	1,130	900	757
30%	589	908	1,270	1,634	1,870	2,039	1,918	1,657	1,304	1,049	847	608
40%	515	745	1,132	1,462	1,773	1,949	1,753	1,555	1,223	938	783	565
50%	472	668	1,016	1,356	1,626	1,808	1,668	1,422	1,094	883	736	535
60%	425	587	884	1,186	1,485	1,734	1,552	1,273	1,017	788	600	491
70%	388	512	758	1,057	1,377	1,516	1,344	1,147	895	720	490	427
80%	316	421	685	958	1,274	1,413	1,267	1,046	835	606	332	318
90%	275	340	502	888	1,156	1,274	1,115	936	737	514	272	263

Table 5A-B5.1.5.1-D. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	573	771	1,069	1,363	1,592	1,719	1,613	1,429	1,163	901	683	570
Wet Water Years	667	945	1,338	1,695	1,897	1,985	1,930	1,776	1,461	1,149	960	717
Above Normal Water Years	572	890	1,198	1,490	1,753	1,913	1,780	1,584	1,332	1,097	868	543
Below Normal Water Years	536	725	991	1,230	1,451	1,621	1,482	1,255	1,012	816	593	602
Dry Water Years	413	510	764	1,080	1,386	1,511	1,373	1,174	954	664	387	387
Critical Water Years	577	608	756	976	1,179	1,300	1,180	1,037	785	534	327	330

Table 5A-B5.1.5.1-E. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	42	65	159	143	0	0	0	48	2	-60	26	1
20%	20	5	125	240	223	0	61	92	121	36	40	52
30%	-1	45	93	197	186	150	130	159	122	54	33	-5
40%	-12	-3	74	142	259	286	137	218	151	101	32	-2
50%	-19	-40	38	134	209	281	265	208	153	126	92	1
60%	-24	-54	36	80	165	332	273	202	181	101	89	9
70%	-19	-23	26	66	183	223	190	159	109	108	67	11
80%	-27	-38	29	63	123	231	202	166	146	60	9	-11
90%	-24	-22	-58	63	150	204	143	144	112	55	11	-1

Table 5A-B5.1.5.1-F. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-3	1	43	103	141	168	149	143	114	69	37	12
Wet Water Years	12	33	117	182	169	127	107	128	122	75	39	18
Above Normal Water Years	-19	-29	26	91	140	173	169	151	117	46	33	2
Below Normal Water Years	-13	-10	11	71	138	217	197	179	144	94	56	23
Dry Water Years	-8	-16	-4	66	165	245	216	179	106	66	27	-4
Critical Water Years	-1	-21	-22	9	45	78	69	60	36	19	3	-4

Table 5A-B5.1.5.2-A. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,026	1,345	1,787	2,039	2,039	2,039	2,039	2,005	1,783	1,322	1,052	891
20%	786	1,079	1,499	1,873	2,039	2,039	2,012	1,850	1,535	1,149	906	742
30%	603	907	1,292	1,727	1,955	2,039	1,917	1,688	1,368	1,066	855	607
40%	511	735	1,145	1,517	1,800	1,980	1,806	1,597	1,201	974	784	569
50%	471	668	996	1,390	1,697	1,856	1,702	1,463	1,123	891	745	520
60%	426	588	889	1,231	1,563	1,746	1,578	1,322	1,030	813	613	494
70%	384	513	763	1,056	1,441	1,597	1,452	1,229	951	740	454	427
80%	333	421	675	978	1,312	1,459	1,321	1,109	874	613	336	322
90%	276	341	494	887	1,163	1,292	1,160	952	766	524	270	259

Table 5A-B5.1.5.2-B. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	573	768	1,079	1,390	1,623	1,748	1,638	1,454	1,182	912	689	570
Wet Water Years	673	955	1,371	1,751	1,932	1,997	1,941	1,793	1,477	1,162	965	720
Above Normal Water Years	565	837	1,161	1,489	1,771	1,932	1,799	1,600	1,344	1,106	870	541
Below Normal Water Years	537	725	996	1,248	1,492	1,672	1,527	1,296	1,040	829	603	602
Dry Water Years	406	503	758	1,089	1,411	1,557	1,415	1,210	978	680	396	388
Critical Water Years	577	601	764	977	1,194	1,311	1,187	1,042	790	534	323	326

Table 5A-B5.1.5.2-C. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	40	28	156	153	0	0	0	48	3	-54	26	20
20%	40	16	131	260	223	0	66	94	122	54	46	37
30%	13	44	115	290	271	150	129	191	186	71	41	-6
40%	-16	-13	87	197	286	317	190	260	129	136	33	2
50%	-19	-39	18	168	279	330	299	249	182	134	101	-13
60%	-22	-53	41	125	243	344	299	251	193	126	103	12
70%	-23	-22	32	65	246	304	298	241	165	128	31	11
80%	-11	-37	19	83	161	277	256	229	186	67	13	-7
90%	-23	-21	-66	62	158	222	188	160	140	66	9	-5

Table 5A-B5.1.5.2-D. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-2	-2	53	129	172	196	175	168	133	81	42	12
Wet Water Years	17	42	151	238	204	139	119	145	138	88	45	21
Above Normal Water Years	-27	-81	-11	90	158	191	187	167	129	56	35	0
Below Normal Water Years	-12	-10	17	90	179	268	243	220	172	108	66	23
Dry Water Years	-15	-22	-9	75	190	291	258	215	131	82	36	-4
Critical Water Years	-1	-28	-13	10	61	89	75	66	41	19	-1	-8

Table 5A-B5.1.5.3-A. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,004	1,352	1,813	2,039	2,039	2,039	2,039	2,005	1,784	1,332	1,065	919
20%	794	1,096	1,548	1,904	2,039	2,039	2,012	1,840	1,535	1,148	911	742
30%	605	902	1,346	1,739	1,967	2,039	1,944	1,689	1,384	1,074	842	614
40%	511	732	1,166	1,549	1,844	2,011	1,815	1,620	1,213	977	789	569
50%	473	657	1,011	1,442	1,728	1,901	1,748	1,469	1,146	893	744	520
60%	422	579	894	1,264	1,580	1,786	1,612	1,355	1,040	839	625	495
70%	376	517	771	1,088	1,473	1,655	1,516	1,261	983	754	484	427
80%	328	421	669	970	1,341	1,484	1,347	1,130	896	639	343	322
90%	267	321	506	892	1,168	1,301	1,185	978	792	542	267	248

Table 5A-B5.1.5.3-B. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	572	765	1,089	1,407	1,644	1,773	1,665	1,475	1,198	922	693	571
Wet Water Years	671	952	1,396	1,781	1,949	2,005	1,950	1,799	1,482	1,165	967	720
Above Normal Water Years	566	836	1,173	1,509	1,783	1,935	1,804	1,605	1,348	1,109	872	543
Below Normal Water Years	534	722	997	1,255	1,522	1,709	1,566	1,327	1,064	839	606	600
Dry Water Years	402	498	752	1,095	1,434	1,616	1,469	1,252	1,009	700	406	390
Critical Water Years	585	603	774	993	1,209	1,337	1,220	1,072	815	551	330	330

Table 5A-B5.1.5.3-C. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	18	35	182	153	0	0	0	48	4	-44	39	47
20%	47	33	180	291	223	0	66	84	123	53	51	36
30%	15	39	170	302	283	150	156	192	202	79	27	0
40%	-16	-16	108	229	330	349	200	283	142	140	38	1
50%	-18	-50	34	219	310	375	345	255	205	137	99	-13
60%	-27	-62	47	158	260	384	332	284	204	152	114	13
70%	-31	-18	40	97	278	362	361	273	197	143	61	12
80%	-15	-37	12	75	190	301	282	250	207	93	20	-8
90%	-32	-41	-54	67	163	231	213	186	167	83	7	-16

Table 5A-B5.1.5.3-D. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-3	-5	64	146	193	221	202	189	149	90	47	13
Wet Water Years	16	40	176	267	221	147	128	151	142	91	47	22
Above Normal Water Years	-26	-83	1	109	170	194	193	173	133	59	37	2
Below Normal Water Years	-15	-13	17	97	209	306	282	251	196	118	69	21
Dry Water Years	-19	-27	-15	81	213	350	313	257	161	102	47	-2
Critical Water Years	7	-26	-4	25	75	115	108	95	67	36	6	-5

Table 5A-B5.1.5.4-A. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,011	1,273	1,774	2,039	2,039	2,039	2,039	2,005	1,784	1,332	1,067	921
20%	776	1,053	1,549	1,909	2,039	2,039	2,039	1,844	1,542	1,136	910	742
30%	588	887	1,345	1,763	1,995	2,039	1,932	1,715	1,386	1,059	840	610
40%	516	726	1,154	1,626	1,878	2,039	1,846	1,618	1,230	986	790	567
50%	470	666	1,037	1,460	1,779	1,972	1,766	1,522	1,165	900	745	523
60%	435	577	886	1,287	1,632	1,869	1,709	1,415	1,063	861	631	497
70%	388	519	768	1,109	1,517	1,707	1,549	1,296	1,014	771	496	443
80%	331	436	672	1,012	1,361	1,506	1,394	1,126	912	636	356	335
90%	277	340	510	852	1,151	1,338	1,236	964	784	567	269	262

Table 5A-B5.1.5.4-B. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	574	761	1,092	1,424	1,665	1,803	1,690	1,495	1,212	929	695	572
Wet Water Years	671	933	1,390	1,795	1,961	2,016	1,959	1,802	1,482	1,161	965	718
Above Normal Water Years	554	826	1,172	1,525	1,816	1,986	1,844	1,636	1,366	1,112	869	539
Below Normal Water Years	535	724	1,003	1,273	1,547	1,748	1,597	1,350	1,078	846	603	595
Dry Water Years	409	508	764	1,120	1,467	1,671	1,516	1,295	1,046	727	416	401
Critical Water Years	595	613	790	1,008	1,219	1,354	1,238	1,091	837	570	347	348

Table 5A-B5.1.5.4-C. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	24	-44	143	153	0	0	0	47	5	-44	41	49
20%	29	-9	181	296	223	0	93	88	129	41	50	37
30%	-2	25	168	327	311	150	145	218	204	64	25	-4
40%	-11	-22	95	306	364	376	231	280	158	148	39	0
50%	-21	-42	60	238	361	446	363	308	224	143	100	-11
60%	-13	-64	39	181	311	467	429	344	227	174	121	15
70%	-19	-16	37	118	323	414	395	308	227	160	73	27
80%	-13	-22	16	117	210	324	329	247	223	90	33	6
90%	-22	-22	-50	27	146	268	264	172	158	109	9	-3

Table 5A-B5.1.5.4-D. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-2	-9	67	163	214	251	226	209	164	97	48	14
Wet Water Years	15	20	170	282	234	157	136	154	143	88	44	19
Above Normal Water Years	-37	-92	0	126	203	246	233	203	151	62	34	-2
Below Normal Water Years	-14	-11	24	114	234	344	313	274	210	124	66	16
Dry Water Years	-12	-17	-3	105	246	406	360	300	199	129	56	9
Critical Water Years	17	-15	13	40	86	132	126	115	88	55	23	14

Table 5A-B5.1.5.5-A. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,000	1,353	1,813	2,039	2,039	2,039	2,039	2,005	1,784	1,332	1,065	919
20%	794	1,105	1,562	1,911	2,039	2,039	2,012	1,834	1,535	1,148	907	742
30%	605	903	1,372	1,739	1,967	2,039	1,944	1,690	1,384	1,074	842	614
40%	511	732	1,166	1,560	1,845	2,009	1,815	1,620	1,214	977	789	568
50%	473	653	1,009	1,454	1,728	1,901	1,748	1,469	1,145	893	744	520
60%	422	579	894	1,264	1,580	1,786	1,612	1,355	1,040	839	625	495
70%	376	517	771	1,088	1,487	1,656	1,516	1,261	983	754	484	427
80%	328	421	668	970	1,347	1,484	1,347	1,130	893	635	343	322
90%	267	321	506	892	1,168	1,300	1,185	983	793	542	267	249

Table 5A-B5.1.5.5-B. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	572	766	1,091	1,407	1,645	1,773	1,665	1,475	1,197	921	693	571
Wet Water Years	672	954	1,399	1,781	1,950	2,005	1,950	1,797	1,480	1,163	968	719
Above Normal Water Years	566	839	1,179	1,511	1,785	1,935	1,804	1,606	1,348	1,109	872	543
Below Normal Water Years	534	722	998	1,256	1,526	1,710	1,567	1,328	1,064	839	606	600
Dry Water Years	402	498	752	1,095	1,435	1,616	1,469	1,252	1,009	700	407	390
Critical Water Years	585	603	774	992	1,208	1,336	1,219	1,071	815	550	329	329

Table 5A-B5.1.5.5-C. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	35	182	153	0	0	0	47	4	-44	39	47
20%	47	42	195	298	223	0	66	78	122	54	47	36
30%	15	40	195	302	283	150	156	192	202	79	27	0
40%	-16	-16	108	239	331	347	200	283	142	140	38	1
50%	-17	-54	31	232	310	375	345	255	204	137	100	-13
60%	-27	-62	47	158	260	384	332	284	204	152	114	13
70%	-31	-19	40	97	293	363	362	273	197	143	61	12
80%	-16	-37	12	75	196	302	282	250	204	89	20	-8
90%	-32	-41	-54	67	163	230	213	191	167	83	6	-16

Table 5A-B5.1.5.5-D. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-3	-4	66	147	194	222	202	189	149	90	47	12
Wet Water Years	17	41	178	267	222	147	128	149	141	90	47	21
Above Normal Water Years	-26	-79	7	112	172	194	193	173	133	59	37	2
Below Normal Water Years	-16	-13	18	98	213	307	283	252	196	118	68	21
Dry Water Years	-19	-27	-15	81	214	350	313	257	161	102	47	-2
Critical Water Years	7	-26	-4	25	74	114	108	94	66	35	5	-5

B.1.6 CVP San Luis Storage

Figure 5A-B5.1.6.1-A. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Probability of Exceedance for No Project Alternatives, October to March

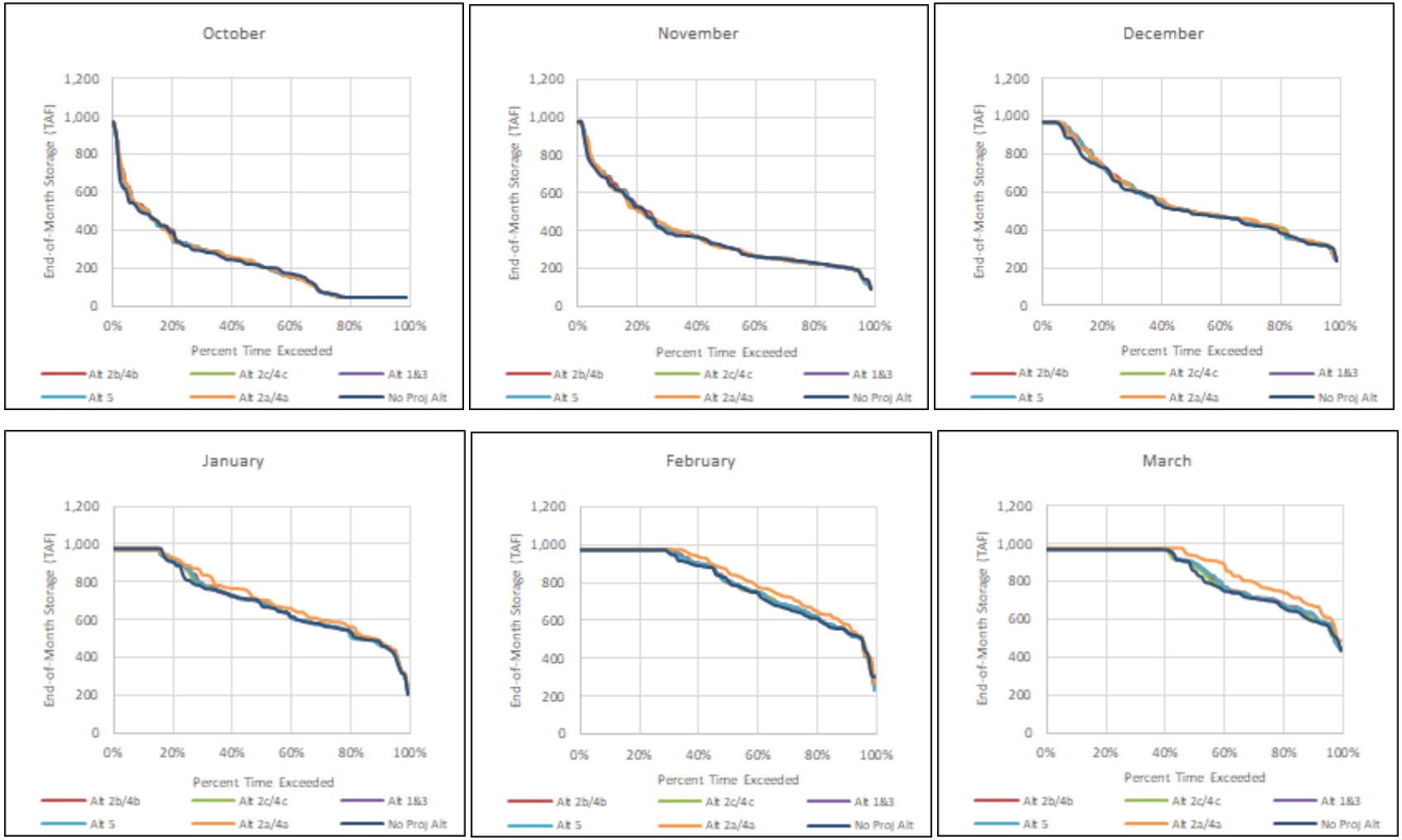


Figure 5A-B5.1.6.1-B. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Probability of Exceedance for No Project Alternatives, April to September

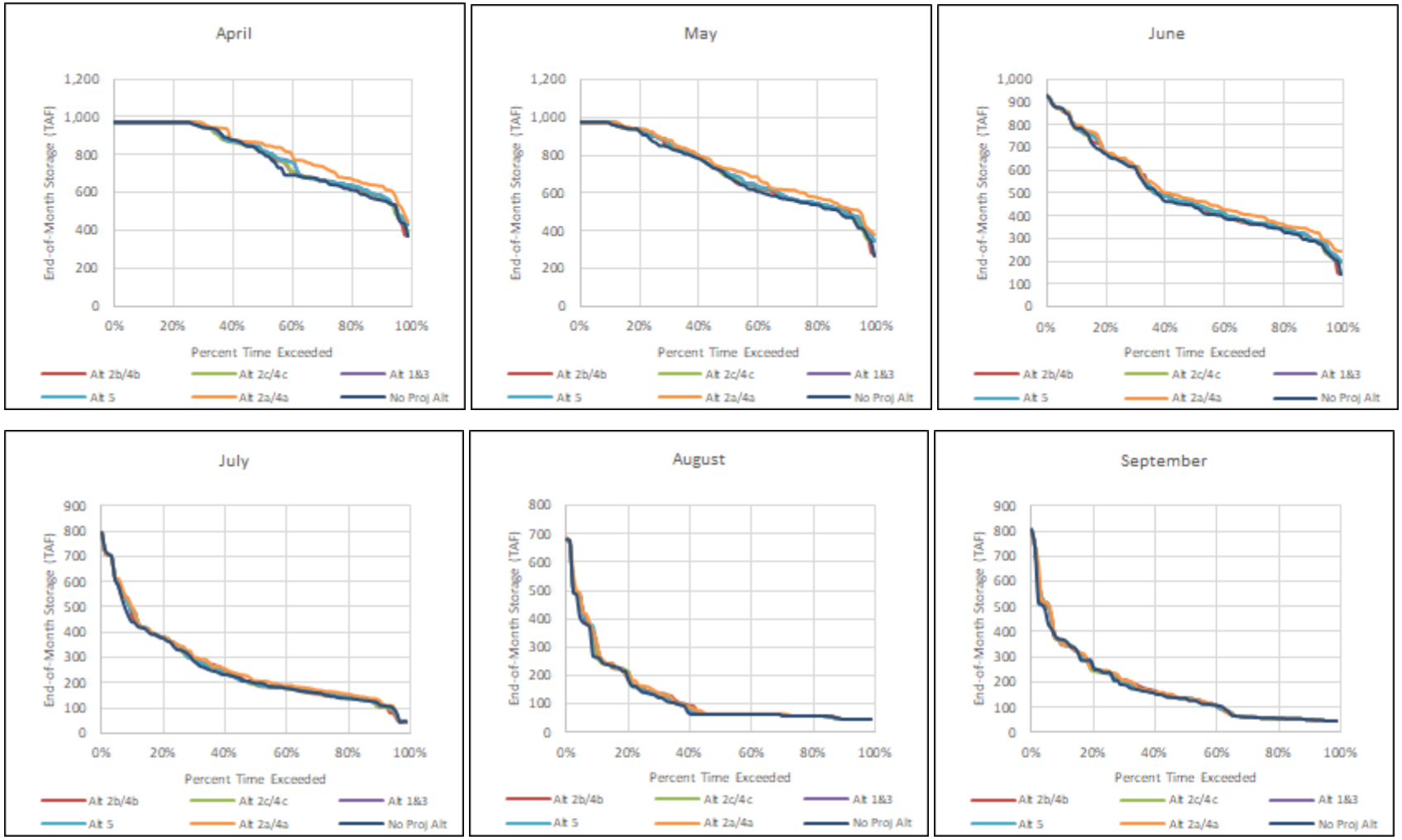


Table 5A-B5.1.6.1-A. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	492	664	878	972	972	972	972	969	788	440	264	369
20%	389	524	734	903	972	972	972	929	674	375	194	265
30%	292	390	612	773	959	972	947	842	615	287	123	190
40%	245	367	534	726	889	970	881	784	468	231	68	156
50%	213	315	496	682	815	859	816	690	443	198	63	136
60%	173	264	471	618	748	754	695	611	396	178	63	109
70%	86	251	428	579	664	710	666	570	366	159	62	61
80%	45	232	398	540	612	665	621	540	338	136	57	56
90%	45	207	332	484	553	593	566	477	292	122	46	51

Table 5A-B5.1.6.1-B. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	241	375	553	690	783	821	786	706	494	255	129	174
Wet Water Years	262	421	630	800	906	944	925	841	594	292	154	155
Above Normal Water Years	210	405	603	714	800	861	827	780	554	292	133	86
Below Normal Water Years	244	365	528	647	729	771	745	669	464	241	124	238
Dry Water Years	161	280	443	587	697	716	661	568	384	199	84	157
Critical Water Years	293	356	486	581	649	684	606	520	369	219	121	170

Table 5A-B5.1.6.1-C. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	527	685	910	972	972	972	972	969	784	464	267	361
20%	401	531	745	918	972	972	972	928	681	379	213	264
30%	300	407	633	786	972	972	948	849	615	299	137	211
40%	252	371	538	723	899	972	873	797	497	249	95	167
50%	216	315	500	695	800	890	825	692	463	197	63	136
60%	161	267	475	617	749	772	719	628	407	179	63	109
70%	86	253	434	577	677	715	667	574	365	158	62	61
80%	45	226	413	542	621	684	642	546	349	145	57	55
90%	45	211	340	491	546	606	580	516	302	115	45	51

Table 5A-B5.1.6.1-D. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	245	381	562	697	788	828	791	714	501	261	134	179
Wet Water Years	259	422	635	802	902	940	921	842	595	292	154	152
Above Normal Water Years	214	406	609	722	806	867	831	786	558	295	133	85
Below Normal Water Years	246	369	537	656	740	782	752	674	469	245	128	245
Dry Water Years	173	291	457	601	712	741	685	595	410	220	105	180
Critical Water Years	316	379	506	590	655	694	614	529	378	229	130	180

Table 5A-B5.1.6.1-E. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	35	20	32	0	0	0	0	0	-4	24	2	-8
20%	11	7	11	14	0	0	0	0	8	4	19	0
30%	8	18	21	13	13	0	1	7	0	12	15	22
40%	7	4	5	-3	10	1	-8	13	29	18	27	10
50%	3	0	4	13	-15	31	10	2	19	-2	0	0
60%	-11	4	4	-1	1	19	24	17	11	1	0	1
70%	0	2	6	-1	12	5	1	4	0	-1	-1	0
80%	0	-6	15	2	9	19	21	6	11	8	0	-1
90%	0	4	8	7	-7	13	14	39	10	-7	-1	0

Table 5A-B5.1.6.1-F. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4	6	10	7	6	7	6	8	7	6	5	5
Wet Water Years	-3	1	5	2	-4	-4	-4	2	1	0	-1	-3
Above Normal Water Years	4	2	6	8	6	6	5	5	4	2	-1	-1
Below Normal Water Years	1	3	9	10	11	11	7	6	6	4	4	7
Dry Water Years	12	11	14	14	16	25	24	27	26	22	21	23
Critical Water Years	23	22	21	9	7	10	8	10	9	10	10	10

Table 5A-B5.1.6.2-A. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	512	673	913	972	972	972	972	972	784	485	265	362
20%	361	522	736	911	972	972	972	928	681	379	214	247
30%	299	413	639	789	962	972	947	853	615	289	137	208
40%	250	371	546	730	899	971	867	797	489	241	89	160
50%	212	315	501	698	804	885	820	685	460	194	63	135
60%	156	266	475	617	743	772	721	639	408	179	63	109
70%	85	253	435	578	676	716	665	572	366	160	63	62
80%	45	226	415	540	621	672	640	539	344	143	57	55
90%	45	210	336	492	546	607	576	504	293	113	45	51

Table 5A-B5.1.6.2-B. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	244	380	561	696	788	827	790	714	501	259	134	178
Wet Water Years	259	422	635	801	902	940	920	846	597	293	155	153
Above Normal Water Years	213	405	607	719	806	866	831	785	558	295	133	85
Below Normal Water Years	245	370	537	657	736	778	747	671	464	239	126	240
Dry Water Years	164	284	451	594	707	736	681	592	407	217	104	179
Critical Water Years	316	377	507	589	664	700	620	535	382	231	130	179

Table 5A-B5.1.6.2-C. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	20	9	35	0	0	0	0	3	-4	45	1	-7
20%	-28	-2	2	7	0	0	0	0	7	4	20	-18
30%	7	23	27	15	2	0	0	11	0	2	14	18
40%	5	4	12	4	10	1	-14	13	21	11	20	3
50%	0	0	5	16	-11	26	4	-5	16	-5	0	-1
60%	-17	3	4	-1	-5	19	26	28	12	2	0	1
70%	-1	2	7	-1	12	5	-1	2	0	0	1	1
80%	0	-6	17	0	9	7	19	-1	6	6	0	-1
90%	0	3	4	8	-7	13	11	27	1	-9	-1	0

Table 5A-B5.1.6.2-D. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	5	9	6	5	6	4	8	7	4	5	4
Wet Water Years	-3	1	5	2	-4	-5	-4	5	3	1	1	-3
Above Normal Water Years	3	0	5	5	5	5	4	5	4	2	-1	-1
Below Normal Water Years	0	4	10	10	7	7	2	3	0	-1	2	3
Dry Water Years	3	4	8	7	11	21	20	24	23	19	21	22
Critical Water Years	23	20	21	8	16	16	14	16	13	11	9	9

Table 5A-B5.1.6.3-A. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	515	674	908	972	972	972	972	972	795	485	305	348
20%	364	523	748	911	972	972	972	936	680	380	190	264
30%	298	416	640	797	969	972	954	865	616	293	135	208
40%	249	371	551	732	900	972	871	797	491	234	86	160
50%	212	315	501	699	810	903	834	705	452	200	63	135
60%	156	267	472	617	752	779	765	634	417	182	63	110
70%	79	250	435	576	684	716	672	578	372	166	63	62
80%	45	226	413	532	621	683	640	545	344	145	57	56
90%	45	208	334	471	547	638	592	491	296	124	45	51

Table 5A-B5.1.6.3-B. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	243	379	561	696	788	833	797	719	505	261	133	177
Wet Water Years	258	421	633	802	902	942	923	849	601	297	158	155
Above Normal Water Years	216	409	611	721	807	868	832	786	559	295	133	85
Below Normal Water Years	243	368	536	655	737	786	758	676	466	238	123	237
Dry Water Years	162	282	452	596	710	749	693	598	411	219	100	175
Critical Water Years	319	380	509	592	664	708	633	548	395	238	129	179

Table 5A-B5.1.6.3-C. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	23	9	30	0	0	0	0	3	7	45	41	-21
20%	-26	-1	14	8	0	0	0	8	6	5	-4	-1
30%	6	26	29	24	9	0	7	23	1	7	12	18
40%	4	5	17	6	11	2	-10	13	23	3	17	3
50%	-1	0	5	17	-5	44	19	15	9	1	0	-1
60%	-17	3	1	-1	4	26	70	23	20	4	0	1
70%	-7	-1	8	-2	19	6	6	8	6	7	1	1
80%	0	-6	15	-8	9	18	19	5	6	9	0	-1
90%	0	1	2	-13	-6	45	27	15	4	3	-1	0

Table 5A-B5.1.6.3-D. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2	4	8	7	6	12	12	14	11	7	4	3
Wet Water Years	-5	0	3	2	-4	-3	-1	8	7	5	4	0
Above Normal Water Years	7	5	8	7	7	7	6	6	5	3	0	-1
Below Normal Water Years	-1	2	8	8	8	15	13	7	2	-2	-1	-1
Dry Water Years	1	3	9	9	13	33	32	30	27	20	17	18
Critical Water Years	26	23	23	11	16	23	27	29	26	19	9	9

Table 5A-B5.1.6.4-A. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	517	674	907	972	972	972	972	972	800	499	307	350
20%	360	511	745	932	972	972	972	938	680	380	201	253
30%	297	430	620	844	972	972	972	878	617	304	140	209
40%	262	372	565	767	937	972	883	798	502	257	89	160
50%	213	311	502	706	860	936	863	730	469	209	63	133
60%	161	270	474	662	781	892	812	686	429	190	63	110
70%	87	247	461	603	725	799	741	620	402	173	63	61
80%	45	230	413	566	650	745	675	581	364	156	57	56
90%	45	209	349	489	580	675	635	527	333	136	47	51

Table 5A-B5.1.6.4-B. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	245	380	566	720	813	866	825	742	522	271	137	179
Wet Water Years	255	413	630	818	914	953	934	857	607	299	157	155
Above Normal Water Years	213	406	621	746	839	919	872	817	576	298	134	85
Below Normal Water Years	247	371	542	685	766	829	792	702	483	244	121	230
Dry Water Years	169	293	466	631	755	810	743	643	449	250	115	189
Critical Water Years	330	390	516	606	683	729	654	571	418	257	145	196

Table 5A-B5.1.6.4-C. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	25	9	29	0	0	0	0	3	12	59	43	-20
20%	-29	-13	11	28	0	0	0	10	6	5	7	-12
30%	5	41	8	70	13	0	25	36	2	17	17	20
40%	17	6	31	41	48	2	2	13	34	26	20	3
50%	0	-4	7	25	45	77	47	40	26	11	0	-2
60%	-12	6	3	44	33	139	117	76	33	12	0	1
70%	0	-4	33	24	60	88	75	50	36	14	1	0
80%	0	-3	15	25	39	80	54	41	26	20	0	-1
90%	0	3	17	4	27	82	70	50	41	14	0	0

Table 5A-B5.1.6.4-D. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4	5	13	30	30	44	39	36	28	16	8	6
Wet Water Years	-8	-8	0	18	8	9	10	17	13	7	3	0
Above Normal Water Years	3	1	18	32	39	58	45	36	22	6	0	-1
Below Normal Water Years	2	6	14	38	37	58	47	34	20	3	-3	-8
Dry Water Years	9	14	23	45	59	94	82	75	65	51	31	32
Critical Water Years	37	34	31	25	35	45	48	52	49	37	24	26

Table 5A-B5.1.6.5-A. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	515	674	915	972	972	972	972	972	795	485	305	347
20%	364	523	748	912	972	972	972	936	680	380	190	264
30%	298	416	640	791	963	972	954	865	616	293	135	205
40%	249	371	551	732	899	972	871	797	489	234	86	160
50%	212	315	501	699	810	903	834	705	452	200	63	135
60%	156	267	471	617	752	779	765	634	416	182	63	110
70%	79	250	435	576	684	716	672	578	372	166	63	62
80%	45	226	413	532	621	683	640	545	344	145	57	56
90%	45	208	334	471	547	637	592	491	296	124	45	51

Table 5A-B5.1.6.5-B. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	243	379	562	696	788	833	797	719	505	261	134	177
Wet Water Years	258	421	635	802	902	942	923	849	601	297	158	155
Above Normal Water Years	216	409	611	721	807	868	832	786	559	295	133	85
Below Normal Water Years	243	368	535	655	737	786	758	676	466	238	123	237
Dry Water Years	162	282	452	596	710	749	693	598	411	219	100	175
Critical Water Years	319	379	509	591	664	707	632	548	395	237	129	179

Table 5A-B5.1.6.5-C. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	23	9	37	0	0	0	0	3	7	45	41	-22
20%	-26	-1	14	8	0	0	0	8	6	5	-4	-1
30%	6	27	29	18	4	0	7	23	1	7	12	15
40%	4	5	17	6	11	2	-10	13	21	3	17	3
50%	-1	0	5	17	-5	44	19	15	9	1	0	-1
60%	-17	3	0	-1	4	26	70	23	20	4	0	1
70%	-7	-1	8	-2	19	6	6	8	6	7	1	1
80%	0	-6	15	-8	9	18	19	5	6	8	0	-1
90%	0	1	2	-13	-6	44	27	15	4	2	-1	0

Table 5A-B5.1.6.5-D. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2	4	9	6	5	12	12	14	11	7	5	3
Wet Water Years	-5	0	5	2	-4	-3	-1	8	7	5	4	0
Above Normal Water Years	7	5	8	7	7	7	6	6	5	3	0	-1
Below Normal Water Years	-2	2	8	8	8	15	13	7	2	-2	-1	-1
Dry Water Years	1	3	9	9	13	33	32	30	27	20	17	18
Critical Water Years	26	23	23	10	15	23	27	28	26	18	8	9

B.1.7 SWP San Luis Storage

Figure 5A-B5.1.7.1-A. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Probability of Exceedance for No Project Alternatives, October to March

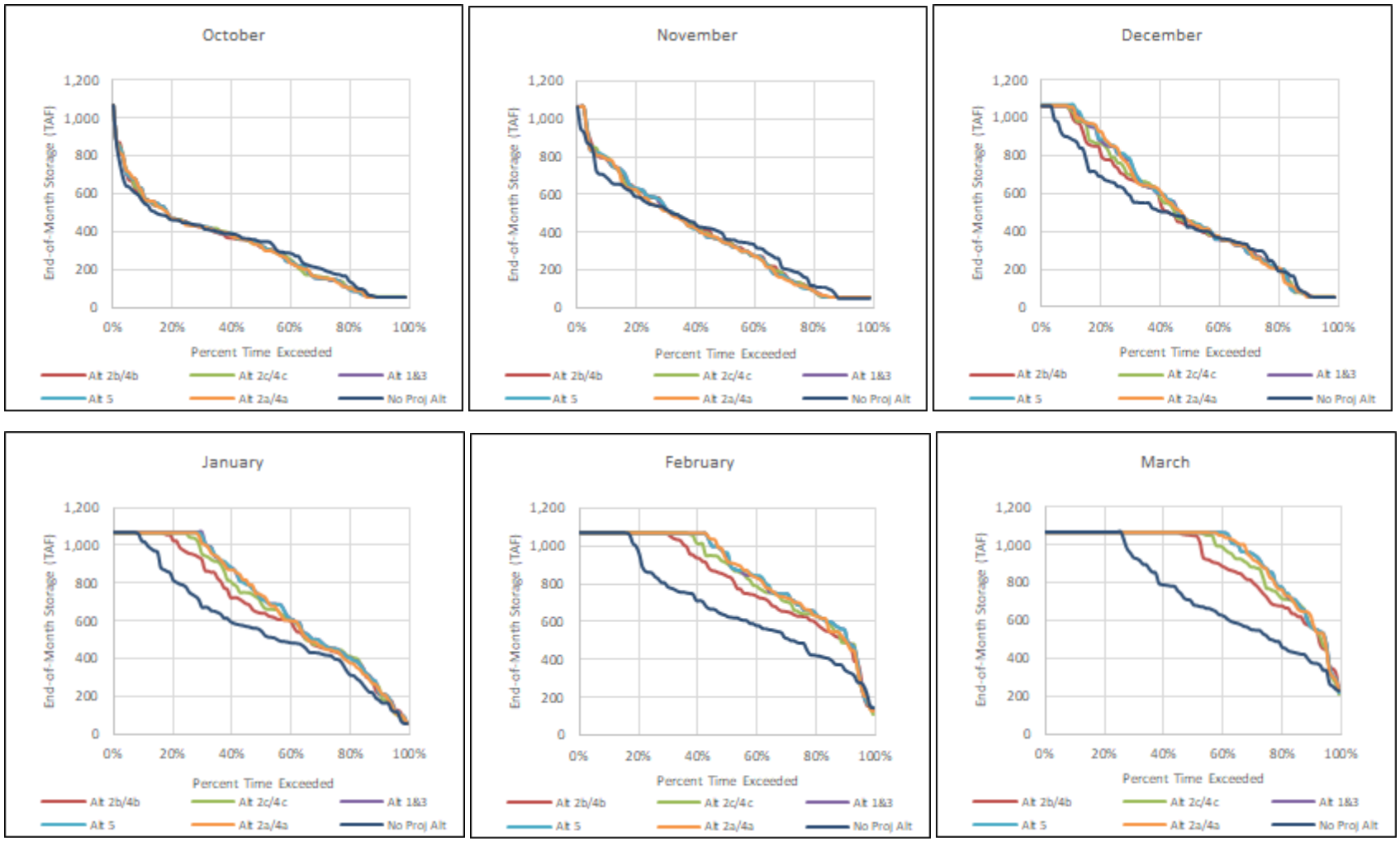


Figure 5A-B5.1.7.1-B. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Probability of Exceedance for No Project Alternatives, April to September

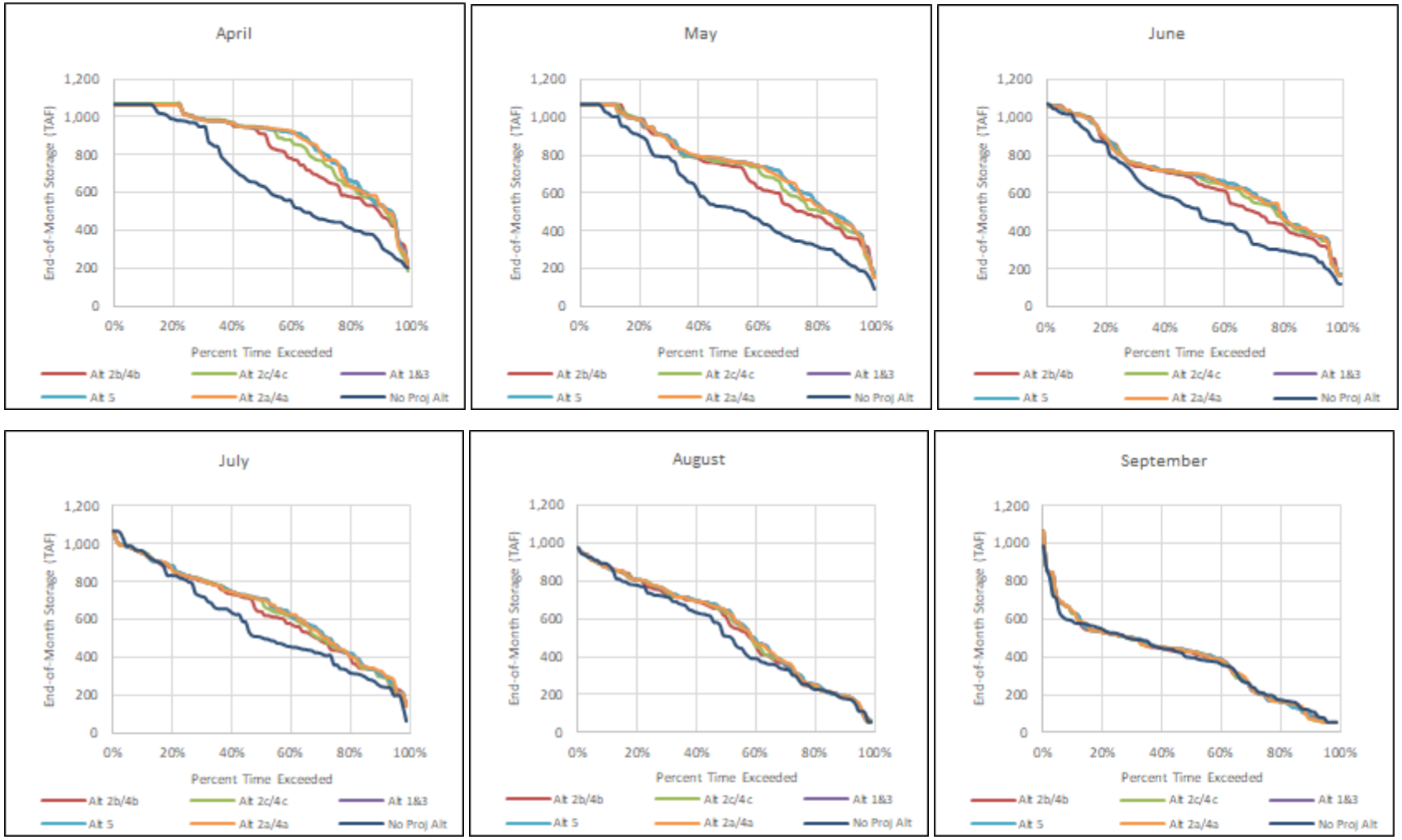


Table 5A-B5.1.7.1-A. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	562	693	893	1,020	1,067	1,067	1,067	1,015	975	961	887	586
20%	464	594	694	829	972	1,067	991	904	860	833	777	546
30%	434	528	593	676	783	934	949	788	686	723	715	494
40%	390	455	511	593	709	788	737	608	582	643	633	446
50%	350	386	428	549	628	694	638	523	518	509	510	396
60%	288	342	373	484	578	628	560	463	439	460	389	366
70%	210	218	334	428	512	553	461	365	332	426	333	260
80%	155	125	214	321	420	476	417	318	296	330	230	175
90%	57	55	79	183	351	387	347	239	266	264	179	121

Table 5A-B5.1.7.1-B. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	334	395	472	571	668	731	678	580	554	577	517	385
Wet Water Years	393	492	590	714	822	914	898	807	746	781	766	543
Above Normal Water Years	381	514	570	685	813	879	785	653	661	758	702	456
Below Normal Water Years	305	369	452	511	584	632	540	408	404	481	413	342
Dry Water Years	261	246	325	427	524	550	496	427	464	399	276	234
Critical Water Years	285	272	292	387	485	538	506	457	379	296	203	164

Table 5A-B5.1.7.1-C. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	575	786	1,029	1,067	1,067	1,067	1,067	1,067	1,023	953	873	634
20%	472	629	820	1,035	1,067	1,067	1,067	993	888	873	804	532
30%	426	524	681	924	1,061	1,067	988	899	747	803	730	500
40%	367	436	584	724	935	1,067	964	786	720	736	694	447
50%	323	354	436	641	840	1,051	912	748	676	642	615	427
60%	253	277	374	601	735	890	783	634	618	580	476	393
70%	157	186	315	462	652	814	683	539	509	498	365	264
80%	108	102	208	409	598	678	579	475	437	416	243	171
90%	55	55	77	219	496	571	502	373	365	317	193	101

Table 5A-B5.1.7.1-D. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	327	390	506	666	804	891	822	716	661	640	549	391
Wet Water Years	408	524	702	893	994	1,045	1,009	933	866	857	806	564
Above Normal Water Years	358	483	589	768	947	1,046	949	798	774	802	736	458
Below Normal Water Years	291	356	454	573	711	839	730	581	543	571	465	357
Dry Water Years	240	219	307	480	674	770	687	579	544	444	282	207
Critical Water Years	262	229	250	386	524	606	566	507	407	305	196	150

Table 5A-B5.1.7.1-E. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	92	136	47	0	0	0	52	48	-9	-14	48
20%	9	35	126	206	95	0	76	89	28	39	27	-14
30%	-8	-5	87	248	278	133	39	111	61	80	15	6
40%	-22	-19	73	130	225	279	227	178	138	93	61	1
50%	-26	-32	7	92	213	357	274	225	158	132	105	31
60%	-35	-65	2	118	157	262	223	171	179	120	87	27
70%	-53	-32	-19	34	140	261	222	174	177	71	32	4
80%	-47	-23	-6	87	179	201	162	156	142	86	13	-4
90%	-2	0	-2	35	145	184	155	134	99	53	13	-20

Table 5A-B5.1.7.1-F. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-7	-5	34	96	136	160	144	135	107	63	31	6
Wet Water Years	15	32	112	180	173	131	111	126	121	75	40	21
Above Normal Water Years	-23	-31	20	83	134	167	164	146	113	44	34	3
Below Normal Water Years	-14	-14	2	62	127	206	190	173	138	90	52	16
Dry Water Years	-21	-27	-18	52	150	220	192	152	81	44	5	-27
Critical Water Years	-23	-43	-42	0	39	68	61	50	28	9	-7	-14

Table 5A-B5.1.7.2-A. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	584	798	1,042	1,067	1,067	1,067	1,067	1,067	1,025	954	873	632
20%	467	623	867	1,067	1,067	1,067	1,067	993	897	881	805	533
30%	428	529	705	963	1,067	1,067	989	879	764	814	741	497
40%	391	440	593	809	1,014	1,067	970	791	723	750	696	457
50%	329	351	456	702	908	1,067	941	763	700	704	634	432
60%	259	275	371	606	788	992	876	734	646	618	470	395
70%	163	183	321	472	706	885	768	609	555	502	375	263
80%	108	95	212	414	634	725	637	511	466	422	244	173
90%	55	55	72	254	490	580	545	411	384	312	188	101

Table 5A-B5.1.7.2-B. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	329	388	517	694	835	921	849	740	681	653	555	393
Wet Water Years	413	533	737	950	1,030	1,057	1,021	947	880	869	810	567
Above Normal Water Years	352	433	554	770	966	1,065	968	815	786	811	737	456
Below Normal Water Years	292	355	459	591	756	894	780	625	577	590	477	362
Dry Water Years	242	219	307	495	704	821	734	618	571	462	291	208
Critical Water Years	262	225	258	388	530	611	567	507	407	303	193	147

Table 5A-B5.1.7.2-C. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	22	104	149	47	0	0	0	52	50	-8	-13	45
20%	3	30	173	238	95	0	76	90	38	48	28	-12
30%	-6	1	111	286	284	133	40	90	78	90	26	3
40%	1	-15	82	215	305	279	233	183	141	106	63	11
50%	-20	-35	28	153	280	373	303	241	182	195	124	36
60%	-29	-67	-2	123	210	364	316	271	207	158	81	29
70%	-47	-35	-13	44	194	332	307	244	223	76	42	4
80%	-48	-30	-2	93	214	249	220	192	170	92	13	-2
90%	-2	0	-7	71	139	193	199	172	118	48	9	-20

Table 5A-B5.1.7.2-D. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-5	-7	45	123	168	190	171	160	126	76	38	8
Wet Water Years	20	41	146	236	208	143	123	140	135	87	44	24
Above Normal Water Years	-30	-81	-16	85	153	186	183	162	125	53	35	1
Below Normal Water Years	-12	-14	7	80	172	261	241	217	172	109	64	20
Dry Water Years	-19	-26	-18	68	180	270	238	191	108	63	15	-26
Critical Water Years	-24	-48	-34	1	45	73	62	50	28	8	-10	-17

Table 5A-B5.1.7.3-A. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	611	789	1,060	1,067	1,067	1,067	1,067	1,067	1,022	948	871	640
20%	471	630	885	1,067	1,067	1,067	1,067	989	898	883	805	540
30%	430	532	778	1,067	1,067	1,067	991	899	761	809	749	507
40%	390	426	605	880	1,067	1,067	970	793	726	750	697	452
50%	334	347	458	721	957	1,067	946	772	703	711	646	433
60%	245	279	361	613	842	1,065	922	747	669	629	497	395
70%	156	169	293	497	748	959	823	668	604	543	364	255
80%	106	97	212	405	653	781	666	552	499	424	254	167
90%	55	55	69	238	561	581	537	450	390	324	190	103

Table 5A-B5.1.7.3-B. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	329	386	528	710	855	940	868	756	693	660	560	394
Wet Water Years	414	532	763	979	1,047	1,063	1,027	950	881	868	810	565
Above Normal Water Years	349	426	562	788	976	1,067	972	819	789	814	739	458
Below Normal Water Years	291	354	461	600	785	923	809	651	598	601	483	364
Dry Water Years	240	216	300	500	725	867	777	653	597	481	306	214
Critical Water Years	266	224	265	401	544	629	587	524	420	313	200	150

Table 5A-B5.1.7.3-C. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	49	96	167	47	0	0	0	52	47	-13	-15	54
20%	7	36	190	238	95	0	76	85	38	50	28	-6
30%	-4	3	185	390	284	133	42	111	75	86	34	13
40%	0	-29	93	287	358	279	233	185	144	107	64	6
50%	-16	-39	29	172	329	373	308	250	185	202	136	37
60%	-43	-63	-12	129	264	437	362	284	230	169	108	29
70%	-54	-49	-41	68	236	406	362	303	271	117	30	-4
80%	-49	-28	-2	83	233	304	250	233	204	94	23	-8
90%	-2	0	-10	55	210	194	190	210	123	60	10	-19

Table 5A-B5.1.7.3-D. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-5	-9	55	140	188	210	190	176	138	83	42	9
Wet Water Years	21	40	173	265	225	149	129	143	135	86	44	22
Above Normal Water Years	-32	-88	-7	103	163	188	187	166	128	56	37	2
Below Normal Water Years	-13	-16	9	88	201	291	269	243	193	120	70	22
Dry Water Years	-21	-30	-24	72	201	317	281	226	134	82	30	-20
Critical Water Years	-19	-49	-27	14	59	91	81	67	40	17	-3	-14

Table 5A-B5.1.7.4-A. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	602	790	1,058	1,067	1,067	1,067	1,067	1,067	1,022	948	869	643
20%	470	624	929	1,067	1,067	1,067	1,067	989	898	863	805	534
30%	426	514	736	1,015	1,067	1,067	991	879	761	809	749	502
40%	386	426	621	871	1,067	1,067	970	795	725	746	692	454
50%	329	347	458	740	932	1,067	947	772	708	706	646	431
60%	243	276	378	603	835	1,053	930	747	653	628	480	389
70%	162	160	317	468	729	938	822	663	587	533	376	259
80%	107	96	205	384	635	765	637	537	474	419	249	166
90%	55	55	62	245	514	632	549	440	390	332	188	87

Table 5A-B5.1.7.4-B. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	328	381	527	704	852	937	865	753	690	658	558	393
Wet Water Years	416	520	760	977	1,048	1,063	1,025	945	875	863	807	563
Above Normal Water Years	341	421	552	779	976	1,067	972	819	790	814	735	454
Below Normal Water Years	289	353	461	588	782	919	806	647	595	602	482	365
Dry Water Years	240	215	298	488	712	862	773	652	597	477	300	212
Critical Water Years	265	223	274	402	536	625	584	520	419	313	202	153

Table 5A-B5.1.7.4-C. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	40	96	165	47	0	0	0	52	47	-13	-18	56
20%	7	31	234	238	95	0	76	85	38	29	28	-12
30%	-8	-14	143	339	284	133	42	90	75	86	34	7
40%	-4	-29	110	277	358	279	233	187	143	102	59	8
50%	-20	-39	29	190	305	373	309	250	190	197	136	34
60%	-45	-66	5	119	257	425	371	284	213	168	91	23
70%	-48	-58	-17	40	217	386	361	298	255	107	43	0
80%	-48	-29	-9	62	215	289	220	219	179	88	19	-9
90%	-2	0	-16	62	163	245	203	201	123	68	8	-34

Table 5A-B5.1.7.4-D. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-6	-15	54	133	184	207	187	172	135	81	40	8
Wet Water Years	23	28	170	263	226	148	127	138	130	81	41	19
Above Normal Water Years	-40	-93	-18	94	164	188	187	167	129	56	33	-1
Below Normal Water Years	-16	-17	10	76	198	286	266	240	191	121	69	24
Dry Water Years	-21	-31	-26	61	188	312	277	225	133	77	24	-22
Critical Water Years	-21	-49	-18	15	51	88	79	63	39	18	-1	-12

Table 5A-B5.1.7.5-A. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	609	796	1,067	1,067	1,067	1,067	1,067	1,067	1,022	948	867	640
20%	471	635	888	1,067	1,067	1,067	1,067	988	898	883	806	540
30%	430	532	782	1,054	1,067	1,067	991	899	761	809	749	503
40%	390	418	605	882	1,067	1,067	970	793	726	750	697	452
50%	334	347	458	723	964	1,067	946	772	703	711	646	433
60%	245	279	360	613	846	1,066	923	747	669	629	497	395
70%	156	169	293	497	748	959	823	668	604	543	364	255
80%	106	96	212	405	653	781	667	552	499	424	254	167
90%	55	55	69	238	561	581	535	457	389	324	190	103

Table 5A-B5.1.7.5-B. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	329	387	529	711	857	941	868	756	692	660	560	394
Wet Water Years	414	533	764	979	1,047	1,063	1,027	948	879	866	809	564
Above Normal Water Years	349	430	568	790	978	1,067	972	819	789	814	739	458
Below Normal Water Years	291	354	462	601	789	924	810	652	598	601	483	364
Dry Water Years	240	216	300	500	725	867	777	653	597	481	306	214
Critical Water Years	266	224	265	401	544	629	587	523	420	313	200	150

Table 5A-B5.1.7.5-C. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	47	102	174	47	0	0	0	52	47	-13	-20	54
20%	7	41	193	238	95	0	76	85	38	50	29	-6
30%	-4	4	188	377	284	133	42	111	75	86	34	9
40%	1	-37	93	289	358	279	233	185	144	107	64	6
50%	-16	-39	29	173	336	373	308	250	185	202	136	37
60%	-43	-63	-13	129	268	437	363	284	230	170	108	29
70%	-54	-49	-41	69	236	406	362	303	271	117	30	-4
80%	-50	-29	-2	83	233	305	250	233	204	94	23	-8
90%	-2	0	-10	55	210	194	189	217	123	60	10	-18

Table 5A-B5.1.7.5-D. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-5	-8	56	141	189	210	190	175	138	83	42	9
Wet Water Years	21	41	173	265	226	149	129	141	133	85	43	21
Above Normal Water Years	-32	-84	-1	105	165	188	187	166	128	56	37	3
Below Normal Water Years	-14	-15	11	90	205	292	270	244	194	120	70	22
Dry Water Years	-21	-30	-24	72	201	317	281	226	134	82	30	-20
Critical Water Years	-19	-49	-27	14	59	91	81	66	40	17	-3	-14

B.1.8 Los Vaqueros Storage

Figure 5A-B5.1.8.1-A. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Probability of Exceedance for No Project Alternatives, October to March

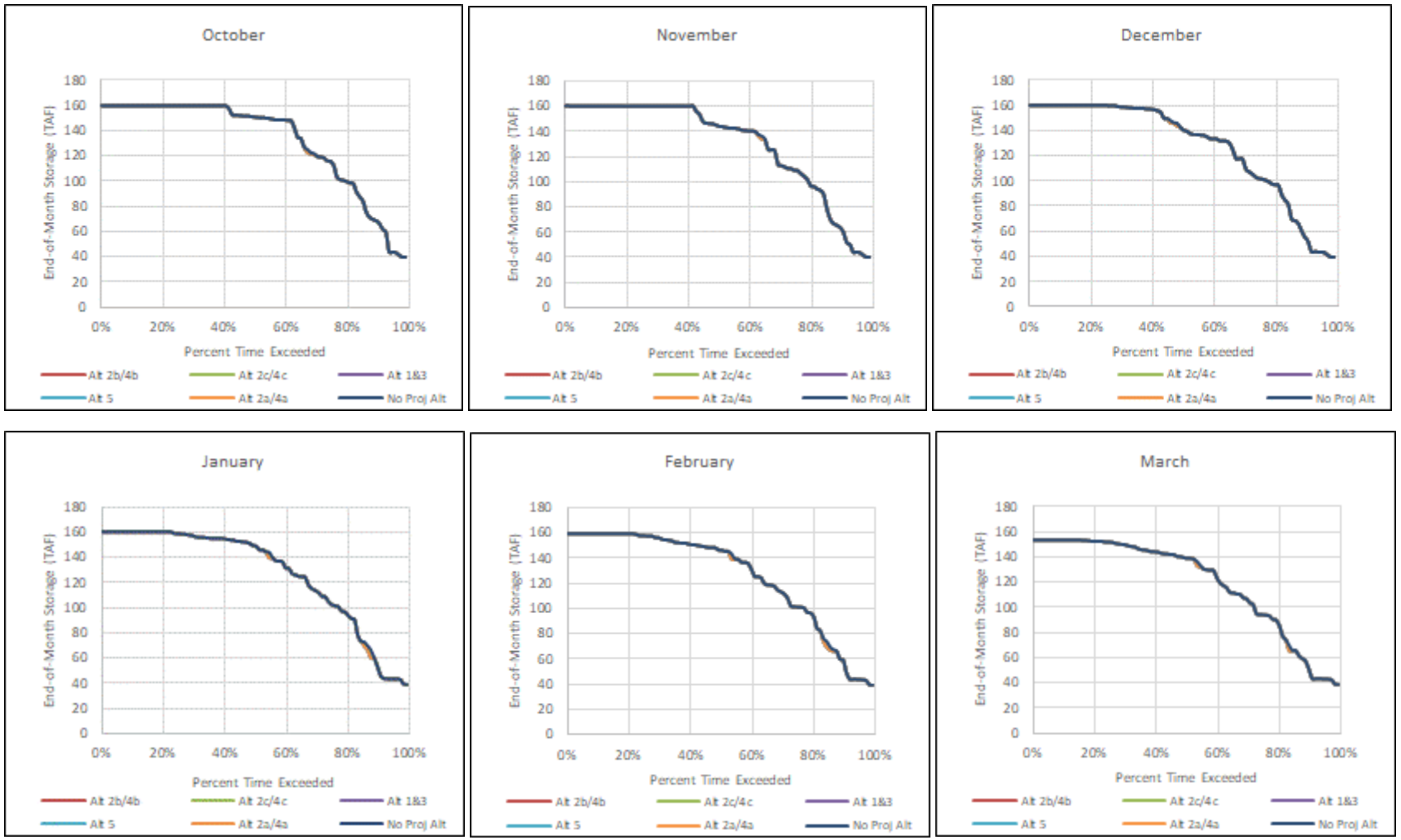


Figure 5A-B5.1.8.1-B. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Probability of Exceedance for No Project Alternatives, April to September

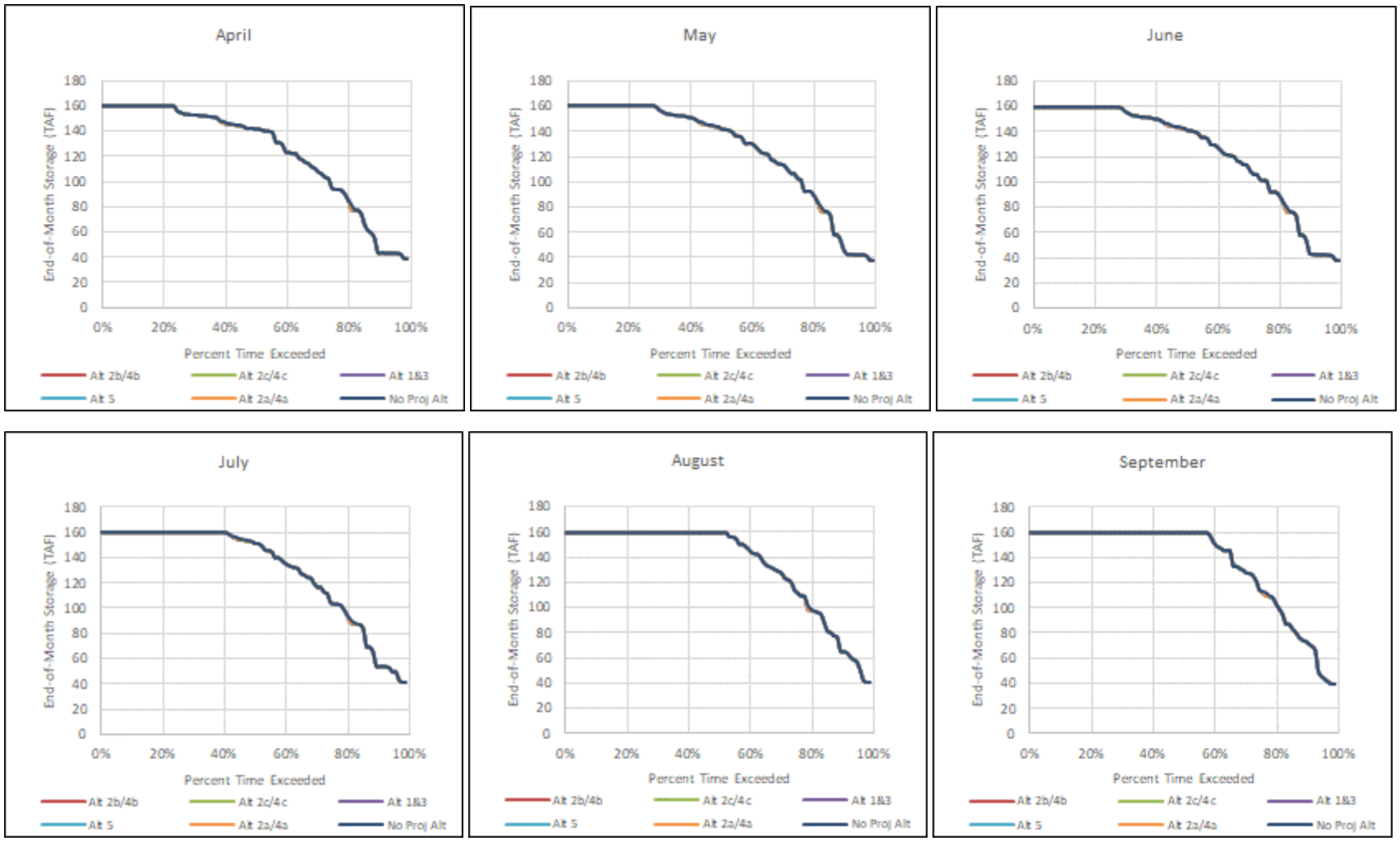


Table 5A-B5.1.8.1-A. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	160	160	160	160	160	154	160	160	159	160	160	160
20%	160	160	160	160	160	153	160	160	159	160	160	160
30%	160	160	159	157	156	150	153	157	155	160	160	160
40%	160	160	157	155	151	145	148	151	149	160	160	160
50%	151	144	141	149	147	140	142	142	141	152	160	160
60%	149	140	133	132	133	125	125	130	128	136	147	153
70%	122	113	117	114	114	107	110	114	112	119	129	130
80%	100	99	97	96	96	89	88	91	90	97	101	107
90%	69	64	57	55	59	53	47	49	47	57	69	74

Table 5A-B5.1.8.1-B. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	132	130	128	127	126	120	124	125	124	131	135	136
Wet Water Years	139	138	137	141	140	135	142	145	144	148	151	153
Above Normal Water Years	143	144	142	145	145	139	146	149	147	154	157	159
Below Normal Water Years	135	131	128	126	124	118	120	122	121	131	137	138
Dry Water Years	130	127	124	120	118	111	109	108	107	118	127	130
Critical Water Years	104	98	93	90	88	83	81	79	76	79	78	73

Table 5A-B5.1.8.1-C. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	160	160	160	160	160	154	160	160	159	160	160	160
20%	160	160	160	160	160	153	160	160	159	160	160	160
30%	160	160	159	157	156	150	153	157	155	160	160	160
40%	160	160	157	155	151	145	146	151	149	160	160	160
50%	151	144	141	149	147	140	142	142	141	152	160	160
60%	149	140	133	132	133	125	125	130	128	136	147	153
70%	121	113	117	114	114	107	110	114	112	119	129	130
80%	100	99	97	96	96	89	88	91	90	97	99	107
90%	69	64	57	55	59	53	47	49	47	57	69	74

Table 5A-B5.1.8.1-D. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	132	130	127	127	126	120	124	125	124	130	135	136
Wet Water Years	139	138	137	140	140	135	142	145	144	148	151	153
Above Normal Water Years	143	143	142	144	144	138	145	148	147	154	157	159
Below Normal Water Years	135	131	128	126	124	118	120	122	121	131	137	138
Dry Water Years	130	127	124	120	118	111	109	108	107	118	127	130
Critical Water Years	104	98	93	90	88	83	81	79	76	79	78	73

Table 5A-B5.1.8.1-E. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	-1	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	-1	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	-2	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.1.8.1-F. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.1.8.2-A. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	160	160	160	160	160	154	160	160	159	160	160	160
20%	160	160	160	160	160	153	160	160	159	160	160	160
30%	160	160	159	157	156	150	153	157	155	160	160	160
40%	160	160	157	155	151	145	146	151	149	160	160	160
50%	151	144	141	149	147	140	142	142	141	152	160	160
60%	149	140	133	132	133	125	125	130	128	136	147	153
70%	121	113	117	114	114	107	110	114	112	119	129	130
80%	100	99	97	96	96	89	88	91	90	97	99	107
90%	69	64	57	55	59	53	47	49	47	57	69	74

Table 5A-B5.1.8.2-B. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	132	130	127	127	126	120	124	125	124	130	135	136
Wet Water Years	139	138	137	140	140	135	142	145	144	148	151	153
Above Normal Water Years	143	143	142	144	144	138	145	148	147	154	157	159
Below Normal Water Years	135	131	128	126	124	118	120	122	121	131	137	138
Dry Water Years	130	127	124	120	118	111	109	108	107	118	127	130
Critical Water Years	104	98	93	90	88	83	81	79	76	79	78	73

Table 5A-B5.1.8.2-C. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	-1	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	-1	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	-2	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.1.8.2-D. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.1.8.3-A. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	160	160	160	160	160	154	160	160	159	160	160	160
20%	160	160	160	160	160	153	160	160	159	160	160	160
30%	160	160	159	157	156	150	153	157	155	160	160	160
40%	160	160	157	155	151	145	146	151	149	160	160	160
50%	151	144	141	149	147	140	142	142	141	152	160	160
60%	149	140	133	132	133	125	125	130	128	136	147	153
70%	121	113	117	114	114	107	110	114	112	119	129	130
80%	100	99	97	96	96	89	88	91	90	97	99	107
90%	69	64	57	55	59	53	47	49	47	57	69	74

Table 5A-B5.1.8.3-B. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	132	130	127	127	126	120	124	125	124	130	135	136
Wet Water Years	139	138	137	140	140	135	142	145	144	148	151	153
Above Normal Water Years	143	143	142	144	144	138	145	148	147	154	157	159
Below Normal Water Years	135	131	128	126	124	118	120	122	121	131	137	138
Dry Water Years	130	127	124	120	118	111	109	108	107	118	127	130
Critical Water Years	104	98	93	90	88	83	81	79	76	79	78	73

Table 5A-B5.1.8.3-C. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	-1	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	-1	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	-2	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.1.8.3-D. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.1.8.4-A. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	160	160	160	160	160	154	160	160	159	160	160	160
20%	160	160	160	160	160	153	160	160	159	160	160	160
30%	160	160	159	157	156	150	153	157	155	160	160	160
40%	160	160	157	155	151	145	146	151	149	160	160	160
50%	151	144	141	149	147	140	142	142	141	152	160	160
60%	149	140	133	132	133	125	125	130	128	136	147	153
70%	121	113	117	114	114	107	110	114	112	119	129	130
80%	100	99	97	96	96	89	88	91	90	97	99	107
90%	69	64	57	55	59	53	47	49	47	57	69	74

Table 5A-B5.1.8.4-B. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	132	130	127	127	126	120	124	125	124	130	135	136
Wet Water Years	139	138	137	140	140	135	142	145	144	148	151	153
Above Normal Water Years	143	143	142	144	144	138	145	148	147	154	157	159
Below Normal Water Years	135	131	128	126	124	118	120	122	121	131	137	138
Dry Water Years	130	127	124	120	118	111	109	108	107	118	127	130
Critical Water Years	104	98	93	90	88	83	81	79	76	79	78	73

Table 5A-B5.1.8.4-C. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	-1	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	-1	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	-2	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.1.8.4-D. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.1.8.5-A. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	160	160	160	160	160	154	160	160	159	160	160	160
20%	160	160	160	160	160	153	160	160	159	160	160	160
30%	160	160	159	157	156	150	153	157	155	160	160	160
40%	160	160	157	155	151	145	146	151	149	160	160	160
50%	151	144	141	149	147	140	142	142	141	152	160	160
60%	149	140	133	132	133	125	125	130	128	136	147	153
70%	121	113	117	114	114	107	110	114	112	119	129	130
80%	100	99	97	96	96	89	88	91	90	97	99	107
90%	69	64	57	55	59	53	47	49	47	57	69	74

Table 5A-B5.1.8.5-B. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	132	130	127	127	126	120	124	125	124	130	135	136
Wet Water Years	139	138	137	140	140	135	142	145	144	148	151	153
Above Normal Water Years	143	143	142	144	144	138	145	148	147	154	157	159
Below Normal Water Years	135	131	128	126	124	118	120	122	121	131	137	138
Dry Water Years	130	127	124	120	118	111	109	108	107	118	127	130
Critical Water Years	104	98	93	90	88	83	81	79	76	79	78	73

Table 5A-B5.1.8.5-C. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	-1	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	-1	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	-2	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.1.8.5-D. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

B.2 Streamflow Results

B.2.1 Trinity River below Lewiston

Figure 5A-B5.2.1.1-A. Trinity River below Lewiston Monthly Flow (C_TRN111), Probability of Exceedance for No Project Alternatives, October to March

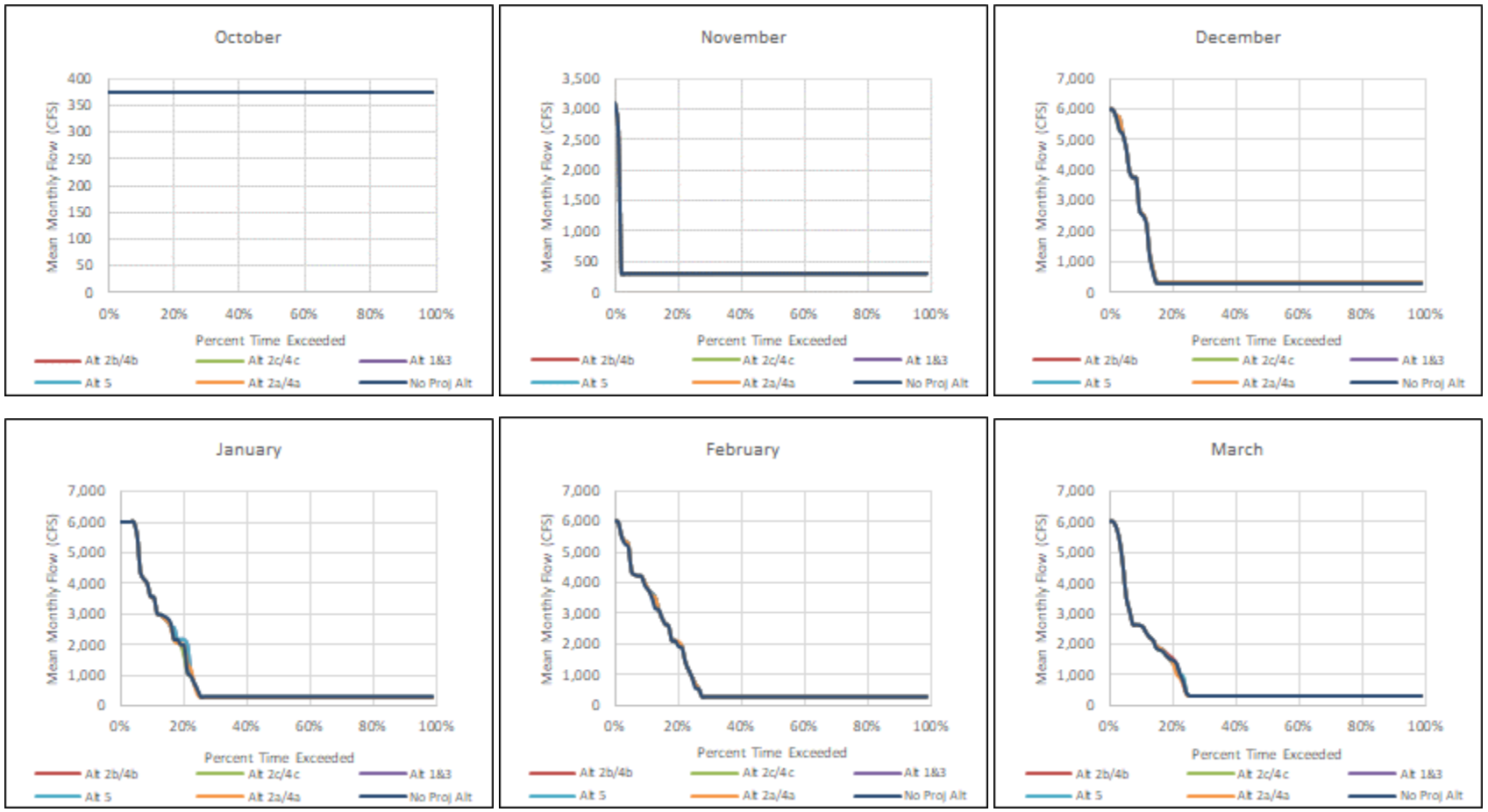


Figure 5A-B5.2.1.1-B. Trinity River below Lewiston Monthly Flow (C_TRN111), Probability of Exceedance for No Project Alternatives, April to September

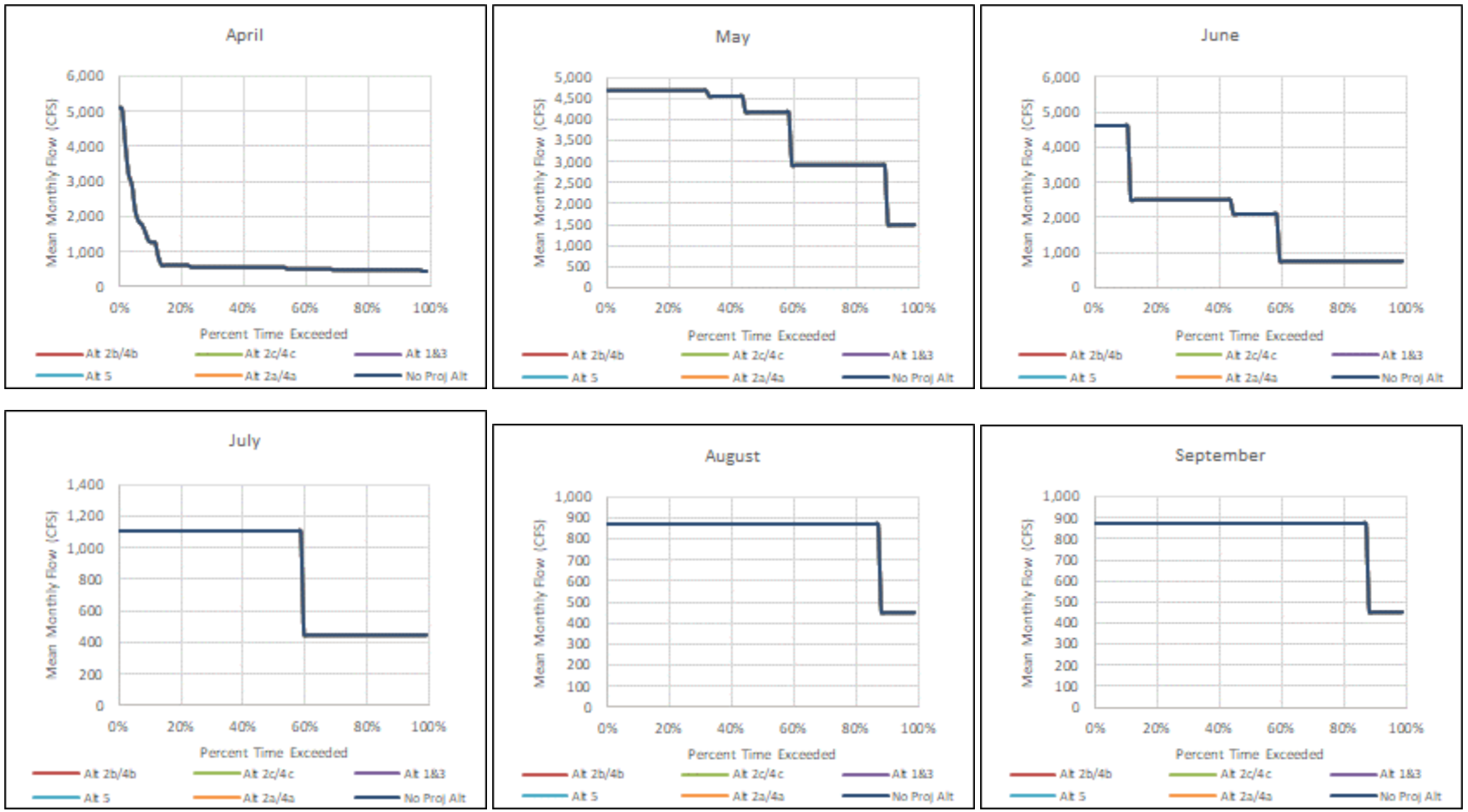


Table 5A-B5.2.1.1-A. Trinity River below Lewiston Monthly Flow (C_TRN111), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	373	300	2,627	3,566	3,856	2,590	1,286	4,709	4,626	1,102	870	870
20%	373	300	300	1,983	2,000	1,484	600	4,709	2,526	1,102	870	870
30%	373	300	300	300	300	300	540	4,709	2,526	1,102	870	870
40%	373	300	300	300	300	300	540	4,570	2,526	1,102	870	870
50%	373	300	300	300	300	300	540	4,189	2,120	1,102	870	870
60%	373	300	300	300	300	300	493	3,177	1,050	580	870	870
70%	373	300	300	300	300	300	460	2,924	783	450	870	870
80%	373	300	300	300	300	300	460	2,924	783	450	870	870
90%	373	300	300	300	300	300	460	2,924	783	450	450	450

Table 5A-B5.2.1.1-B. Trinity River below Lewiston Monthly Flow (C_TRN111), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	373	355	828	1,089	1,102	915	781	3,757	2,007	838	821	821
Wet Water Years	373	457	1,699	2,255	1,820	1,698	1,202	4,647	3,214	1,102	730	730
Above Normal Water Years	373	300	685	1,055	2,358	1,098	661	4,453	2,287	1,030	870	870
Below Normal Water Years	373	300	300	410	557	475	513	3,617	1,498	776	870	870
Dry Water Years	373	300	300	300	300	300	542	2,901	974	543	870	870
Critical Water Years	373	300	300	300	300	300	575	2,092	783	450	870	870

Table 5A-B5.2.1.1-C. Trinity River below Lewiston Monthly Flow (C_TRN111), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	373	300	2,634	3,566	3,901	2,590	1,286	4,709	4,626	1,102	870	870
20%	373	300	300	1,840	2,030	1,548	600	4,709	2,526	1,102	870	870
30%	373	300	300	300	300	300	540	4,709	2,526	1,102	870	870
40%	373	300	300	300	300	300	540	4,570	2,526	1,102	870	870
50%	373	300	300	300	300	300	540	4,189	2,120	1,102	870	870
60%	373	300	300	300	300	300	493	3,177	1,050	580	870	870
70%	373	300	300	300	300	300	460	2,924	783	450	870	870
80%	373	300	300	300	300	300	460	2,924	783	450	870	870
90%	373	300	300	300	300	300	460	2,924	783	450	450	450

Table 5A-B5.2.1.1-D. Trinity River below Lewiston Monthly Flow (C_TRN111), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	373	355	829	1,083	1,112	917	781	3,757	2,007	838	821	821
Wet Water Years	373	457	1,703	2,245	1,842	1,704	1,202	4,647	3,214	1,102	730	730
Above Normal Water Years	373	300	685	1,048	2,365	1,098	661	4,453	2,287	1,030	870	870
Below Normal Water Years	373	300	300	403	564	475	513	3,617	1,498	776	870	870
Dry Water Years	373	300	300	300	300	300	542	2,901	974	543	870	870
Critical Water Years	373	300	300	300	300	300	575	2,092	783	450	870	870

Table 5A-B5.2.1.1-E. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	8	0	44	0	0	0	0	0	0	0
20%	0	0	0	-143	30	64	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.1.1-F. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	1	-6	10	2	0	0	0	0	0	0
Wet Water Years	0	0	4	-10	22	6	0	0	0	0	0	0
Above Normal Water Years	0	0	0	-7	7	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	-7	7	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.1.2-A. Trinity River below Lewiston Monthly Flow (C_TRN111), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	373	300	2,634	3,566	3,902	2,590	1,286	4,709	4,626	1,102	870	870
20%	373	300	300	1,783	2,023	1,416	600	4,709	2,526	1,102	870	870
30%	373	300	300	300	300	300	540	4,709	2,526	1,102	870	870
40%	373	300	300	300	300	300	540	4,570	2,526	1,102	870	870
50%	373	300	300	300	300	300	540	4,189	2,120	1,102	870	870
60%	373	300	300	300	300	300	493	3,177	1,050	580	870	870
70%	373	300	300	300	300	300	460	2,924	783	450	870	870
80%	373	300	300	300	300	300	460	2,924	783	450	870	870
90%	373	300	300	300	300	300	460	2,924	783	450	450	450

Table 5A-B5.2.1.2-B. Trinity River below Lewiston Monthly Flow (C_TRN111), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	373	355	829	1,082	1,112	915	781	3,757	2,007	838	821	821
Wet Water Years	373	457	1,702	2,242	1,841	1,697	1,202	4,647	3,214	1,102	730	730
Above Normal Water Years	373	300	685	1,048	2,366	1,098	661	4,453	2,287	1,030	870	870
Below Normal Water Years	373	300	300	403	564	475	513	3,617	1,498	776	870	870
Dry Water Years	373	300	300	300	300	300	542	2,901	974	543	870	870
Critical Water Years	373	300	300	300	300	300	575	2,092	783	450	870	870

Table 5A-B5.2.1.2-C. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	8	0	45	0	0	0	0	0	0	0
20%	0	0	0	-200	23	-68	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.1.2-D. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	1	-7	10	0	0	0	0	0	0	0
Wet Water Years	0	0	3	-13	21	-1	0	0	0	0	0	0
Above Normal Water Years	0	0	0	-7	7	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	-7	7	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.1.3-A. Trinity River below Lewiston Monthly Flow (C_TRN111), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	373	300	2,634	3,566	3,909	2,590	1,287	4,709	4,626	1,102	870	870
20%	373	300	300	2,174	2,074	1,416	600	4,709	2,526	1,102	870	870
30%	373	300	300	300	300	300	540	4,709	2,526	1,102	870	870
40%	373	300	300	300	300	300	540	4,570	2,526	1,102	870	870
50%	373	300	300	300	300	300	540	4,189	2,120	1,102	870	870
60%	373	300	300	300	300	300	493	3,177	1,050	580	870	870
70%	373	300	300	300	300	300	460	2,924	783	450	870	870
80%	373	300	300	300	300	300	460	2,924	783	450	870	870
90%	373	300	300	300	300	300	460	2,924	783	450	450	450

Table 5A-B5.2.1.3-B. Trinity River below Lewiston Monthly Flow (C_TRN111), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	373	355	834	1,105	1,113	916	781	3,757	2,007	838	821	821
Wet Water Years	373	457	1,717	2,262	1,844	1,699	1,202	4,647	3,214	1,102	730	730
Above Normal Water Years	373	300	685	1,215	2,367	1,098	661	4,453	2,287	1,030	870	870
Below Normal Water Years	373	300	300	403	564	475	513	3,617	1,498	776	870	870
Dry Water Years	373	300	300	300	300	300	542	2,901	974	543	870	870
Critical Water Years	373	300	300	300	300	300	575	2,092	783	450	870	870

Table 5A-B5.2.1.3-C. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	8	0	53	0	1	0	0	0	0	0
20%	0	0	0	191	74	-68	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.1.3-D. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	6	16	11	1	0	0	0	0	0	0
Wet Water Years	0	0	18	7	24	2	0	0	0	0	0	0
Above Normal Water Years	0	0	0	160	8	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	-7	7	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.1.4-A. Trinity River below Lewiston Monthly Flow (C_TRN111), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	373	300	2,635	3,566	3,916	2,590	1,287	4,709	4,626	1,102	870	870
20%	373	300	300	2,008	2,099	1,416	600	4,709	2,526	1,102	870	870
30%	373	300	300	300	300	300	540	4,709	2,526	1,102	870	870
40%	373	300	300	300	300	300	540	4,570	2,526	1,102	870	870
50%	373	300	300	300	300	300	540	4,189	2,120	1,102	870	870
60%	373	300	300	300	300	300	493	3,177	1,050	580	870	870
70%	373	300	300	300	300	300	460	2,924	783	450	870	870
80%	373	300	300	300	300	300	460	2,924	783	450	870	870
90%	373	300	300	300	300	300	460	2,924	783	450	450	450

Table 5A-B5.2.1.4-B. Trinity River below Lewiston Monthly Flow (C_TRN111), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	373	355	834	1,090	1,113	910	781	3,757	2,007	838	821	821
Wet Water Years	373	457	1,716	2,264	1,844	1,682	1,202	4,647	3,214	1,102	730	730
Above Normal Water Years	373	300	682	1,069	2,368	1,098	661	4,453	2,287	1,030	870	870
Below Normal Water Years	373	300	300	399	564	475	513	3,617	1,498	776	870	870
Dry Water Years	373	300	300	300	300	300	542	2,901	974	543	870	870
Critical Water Years	373	300	300	300	300	300	575	2,092	783	450	870	870

Table 5A-B5.2.1.4-C. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	8	0	59	0	1	0	0	0	0	0
20%	0	0	0	25	99	-68	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.1.4-D. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	6	1	11	-5	0	0	0	0	0	0
Wet Water Years	0	0	17	9	23	-15	0	0	0	0	0	0
Above Normal Water Years	0	0	-2	14	9	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	-11	7	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.1.5-A. Trinity River below Lewiston Monthly Flow (C_TRN111), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	373	300	2,634	3,566	3,909	2,590	1,287	4,709	4,626	1,102	870	870
20%	373	300	300	2,174	2,074	1,416	600	4,709	2,526	1,102	870	870
30%	373	300	300	300	300	300	540	4,709	2,526	1,102	870	870
40%	373	300	300	300	300	300	540	4,570	2,526	1,102	870	870
50%	373	300	300	300	300	300	540	4,189	2,120	1,102	870	870
60%	373	300	300	300	300	300	493	3,177	1,050	580	870	870
70%	373	300	300	300	300	300	460	2,924	783	450	870	870
80%	373	300	300	300	300	300	460	2,924	783	450	870	870
90%	373	300	300	300	300	300	460	2,924	783	450	450	450

Table 5A-B5.2.1.5-B. Trinity River below Lewiston Monthly Flow (C_TRN111), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	373	355	834	1,105	1,113	917	781	3,757	2,007	838	821	821
Wet Water Years	373	457	1,717	2,262	1,844	1,702	1,202	4,647	3,214	1,102	730	730
Above Normal Water Years	373	300	685	1,215	2,367	1,098	661	4,453	2,287	1,030	870	870
Below Normal Water Years	373	300	300	403	564	475	513	3,617	1,498	776	870	870
Dry Water Years	373	300	300	300	300	300	542	2,901	974	543	870	870
Critical Water Years	373	300	300	300	300	300	575	2,092	783	450	870	870

Table 5A-B5.2.1.5-C. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	8	0	53	0	1	0	0	0	0	0
20%	0	0	0	191	74	-68	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.1.5-D. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	6	16	11	2	0	0	0	0	0	0
Wet Water Years	0	0	18	7	24	4	0	0	0	0	0	0
Above Normal Water Years	0	0	0	160	8	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	-7	7	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

B.2.2 Clear Creek near Igo

Figure 5A-B5.2.2.1-A. Clear Creek near Igo Monthly Flow (C_CLR011), Probability of Exceedance for No Project Alternatives, October to March

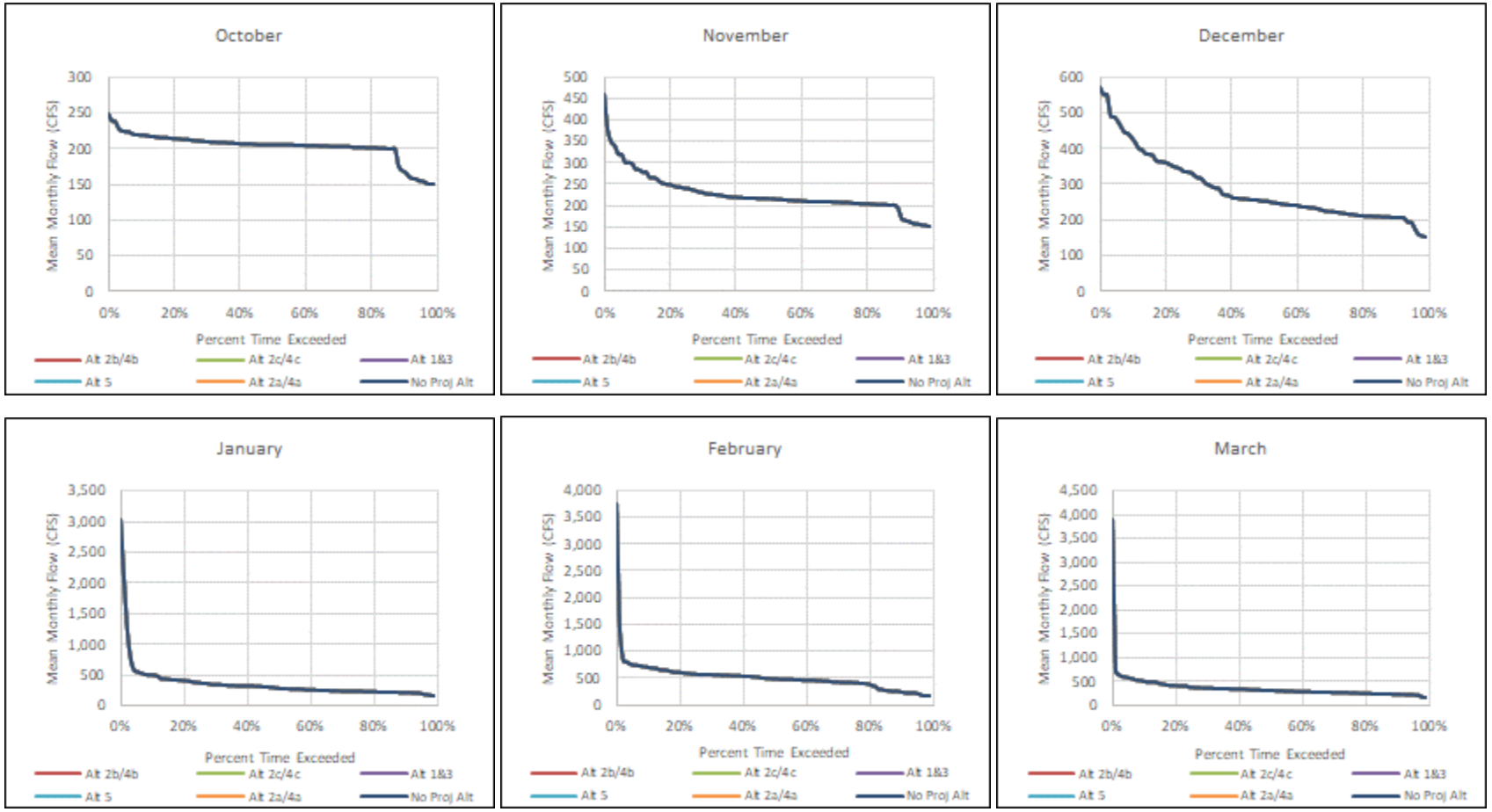


Figure 5A-B5.2.2.1-B. Clear Creek near Igo Monthly Flow (C_CLR011), Probability of Exceedance for No Project Alternatives, April to September

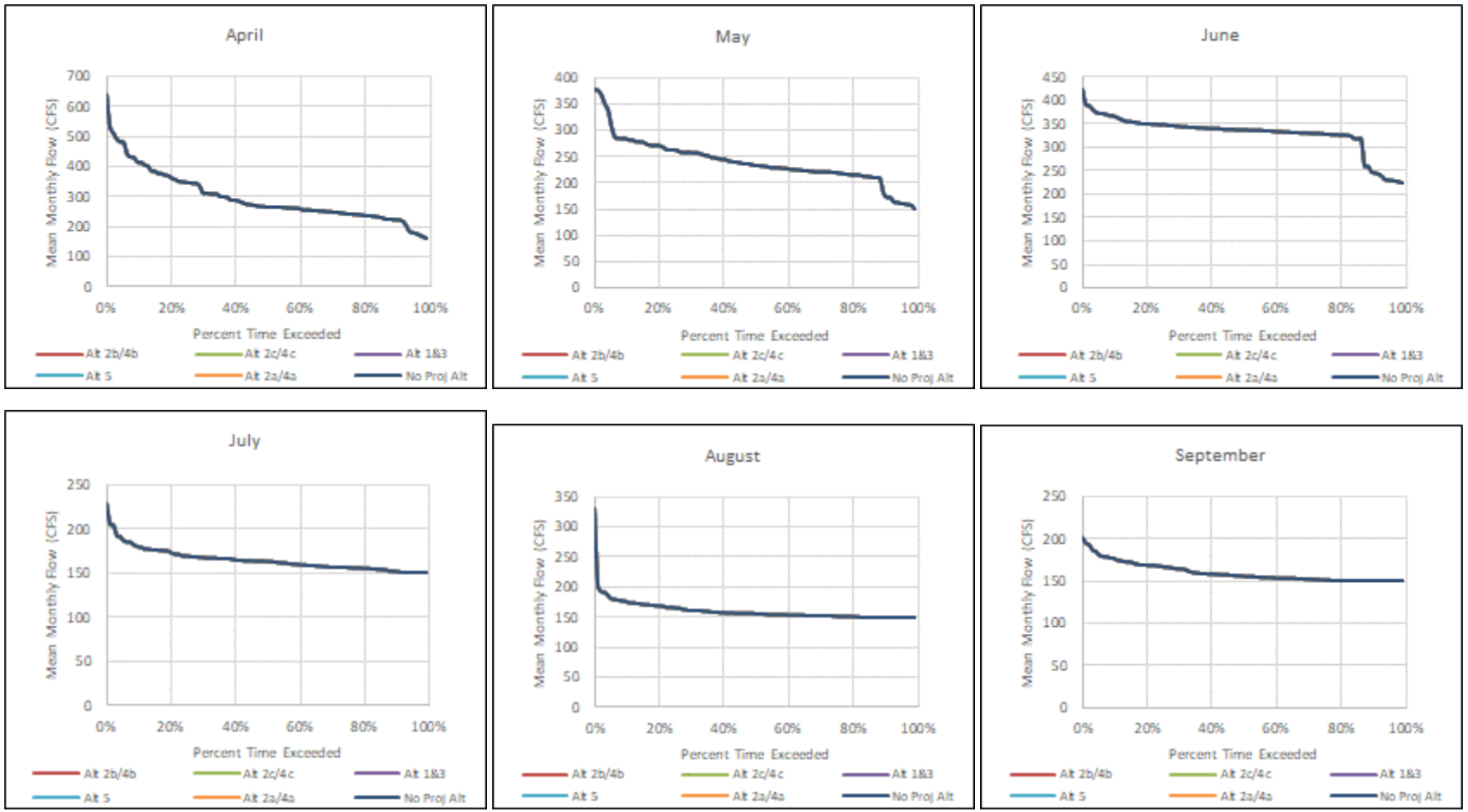


Table 5A-B5.2.2.1-A. Clear Creek near Igo Monthly Flow (C_CLR011), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	220	285	426	499	701	508	415	284	366	180	176	176
20%	215	249	360	408	604	416	364	271	350	173	169	168
30%	210	231	317	344	562	361	314	258	345	168	162	164
40%	207	220	265	321	535	343	287	245	340	165	158	158
50%	206	216	252	285	483	318	265	234	337	163	156	155
60%	205	211	241	256	459	286	259	228	334	159	154	153
70%	203	209	223	238	425	274	248	222	331	156	153	152
80%	202	205	211	226	391	251	237	216	327	155	152	150
90%	171	197	206	214	247	234	222	189	253	151	150	150

Table 5A-B5.2.2.1-B. Clear Creek near Igo Monthly Flow (C_CLR011), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	204	228	285	368	525	377	298	241	330	165	162	160
Wet Water Years	210	248	364	552	701	515	361	270	353	171	170	164
Above Normal Water Years	209	242	289	343	606	370	311	260	346	168	163	161
Below Normal Water Years	205	230	244	283	456	299	282	237	335	162	157	158
Dry Water Years	199	204	242	243	411	323	250	226	335	159	155	156
Critical Water Years	187	187	209	210	261	237	201	175	240	160	156	157

Table 5A-B5.2.2.1-C. Clear Creek near Igo Monthly Flow (C_CLR011), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	220	285	426	499	701	508	415	284	366	180	176	176
20%	215	249	360	408	604	416	364	271	350	173	169	168
30%	210	231	317	344	562	361	314	258	345	168	162	164
40%	207	220	265	321	535	343	287	245	340	165	158	158
50%	206	216	252	285	483	318	265	234	337	163	156	155
60%	205	211	241	256	459	286	259	228	334	159	154	153
70%	203	209	223	238	425	274	248	222	331	156	153	152
80%	202	205	211	226	391	251	237	216	327	155	152	150
90%	171	197	206	214	247	234	222	189	253	151	150	150

Table 5A-B5.2.2.1-D. Clear Creek near Igo Monthly Flow (C_CLR011), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	204	228	285	368	525	377	298	241	330	165	162	160
Wet Water Years	210	248	364	552	701	515	361	270	353	171	170	164
Above Normal Water Years	209	242	289	343	606	370	311	260	346	168	163	161
Below Normal Water Years	205	230	244	283	456	299	282	237	335	162	157	158
Dry Water Years	199	204	242	243	411	323	250	226	335	159	155	156
Critical Water Years	187	187	209	210	261	237	201	175	240	160	156	157

Table 5A-B5.2.2.1-E. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.2.1-F. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.2.2-A. Clear Creek near Igo Monthly Flow (C_CLR011), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	220	285	426	499	701	508	415	284	366	180	176	176
20%	215	249	360	408	604	416	364	271	350	173	169	168
30%	210	231	317	344	562	361	314	258	345	168	162	164
40%	207	220	265	321	535	343	287	245	340	165	158	158
50%	206	216	252	285	483	318	265	234	337	163	156	155
60%	205	211	241	256	459	286	259	228	334	159	154	153
70%	203	209	223	238	425	274	248	222	331	156	153	152
80%	202	205	211	226	391	251	237	216	327	155	152	150
90%	171	197	206	214	247	234	222	189	253	151	150	150

Table 5A-B5.2.2.2-B. Clear Creek near Igo Monthly Flow (C_CLR011), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	204	228	285	368	525	377	298	241	330	165	162	160
Wet Water Years	210	248	364	552	701	515	361	270	353	171	170	164
Above Normal Water Years	209	242	289	343	606	370	311	260	346	168	163	161
Below Normal Water Years	205	230	244	283	456	299	282	237	335	162	157	158
Dry Water Years	199	204	242	243	411	323	250	226	335	159	155	156
Critical Water Years	187	187	209	210	261	237	201	175	240	160	156	157

Table 5A-B5.2.2.2-C. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.2.2-D. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.2.3-A. Clear Creek near Igo Monthly Flow (C_CLR011), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	220	285	426	499	701	508	415	284	366	180	176	176
20%	215	249	360	408	604	416	364	271	350	173	169	168
30%	210	231	317	344	562	361	314	258	345	168	162	164
40%	207	220	265	321	535	343	287	245	340	165	158	158
50%	206	216	252	285	483	318	265	234	337	163	156	155
60%	205	211	241	256	459	286	259	228	334	159	154	153
70%	203	209	223	238	425	274	248	222	331	156	153	152
80%	202	205	211	226	391	251	237	216	327	155	152	150
90%	171	197	206	214	247	234	222	189	253	151	150	150

Table 5A-B5.2.2.3-B. Clear Creek near Igo Monthly Flow (C_CLR011), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	204	228	285	368	525	377	298	241	330	165	162	160
Wet Water Years	210	248	364	552	701	515	361	270	353	171	170	164
Above Normal Water Years	209	242	289	343	606	370	311	260	346	168	163	161
Below Normal Water Years	205	230	244	283	456	299	282	237	335	162	157	158
Dry Water Years	199	204	242	243	411	323	250	226	335	159	155	156
Critical Water Years	187	187	209	210	261	237	201	175	240	160	156	157

Table 5A-B5.2.2.3-C. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.2.3-D. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.2.4-A. Clear Creek near Igo Monthly Flow (C_CLR011), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	220	285	426	499	701	508	415	284	366	180	176	176
20%	215	249	360	408	604	416	364	271	350	173	169	168
30%	210	231	317	344	562	361	314	258	345	168	162	164
40%	207	220	265	321	535	343	287	245	340	165	158	158
50%	206	216	252	285	483	318	265	234	337	163	156	155
60%	205	211	241	256	459	286	259	228	334	159	154	153
70%	203	209	223	238	425	274	248	222	331	156	153	152
80%	202	205	211	226	391	251	237	216	327	155	152	150
90%	171	197	206	214	247	234	222	189	253	151	150	150

Table 5A-B5.2.2.4-B. Clear Creek near Igo Monthly Flow (C_CLR011), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	204	228	285	368	525	377	298	241	330	165	162	160
Wet Water Years	210	248	364	552	701	515	361	270	353	171	170	164
Above Normal Water Years	209	242	289	343	606	370	311	260	346	168	163	161
Below Normal Water Years	205	230	244	283	456	299	282	237	335	162	157	158
Dry Water Years	199	204	242	243	411	323	250	226	335	159	155	156
Critical Water Years	187	187	209	210	261	237	201	175	240	160	156	157

Table 5A-B5.2.2.4-C. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.2.4-D. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.2.5-A. Clear Creek near Igo Monthly Flow (C_CLR011), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	220	285	426	499	701	508	415	284	366	180	176	176
20%	215	249	360	408	604	416	364	271	350	173	169	168
30%	210	231	317	344	562	361	314	258	345	168	162	164
40%	207	220	265	321	535	343	287	245	340	165	158	158
50%	206	216	252	285	483	318	265	234	337	163	156	155
60%	205	211	241	256	459	286	259	228	334	159	154	153
70%	203	209	223	238	425	274	248	222	331	156	153	152
80%	202	205	211	226	391	251	237	216	327	155	152	150
90%	171	197	206	214	247	234	222	189	253	151	150	150

Table 5A-B5.2.2.5-B. Clear Creek near Igo Monthly Flow (C_CLR011), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	204	228	285	368	525	377	298	241	330	165	162	160
Wet Water Years	210	248	364	552	701	515	361	270	353	171	170	164
Above Normal Water Years	209	242	289	343	606	370	311	260	346	168	163	161
Below Normal Water Years	205	230	244	283	456	299	282	237	335	162	157	158
Dry Water Years	199	204	242	243	411	323	250	226	335	159	155	156
Critical Water Years	187	187	209	210	261	237	201	175	240	160	156	157

Table 5A-B5.2.2.5-C. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.2.5-D. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

B.2.3 Sacramento River at Keswick

Figure 5A-B5.2.3.1-A. Sacramento River at Keswick Monthly Flow (C_KSWCK), Probability of Exceedance for No Project Alternatives, October to March

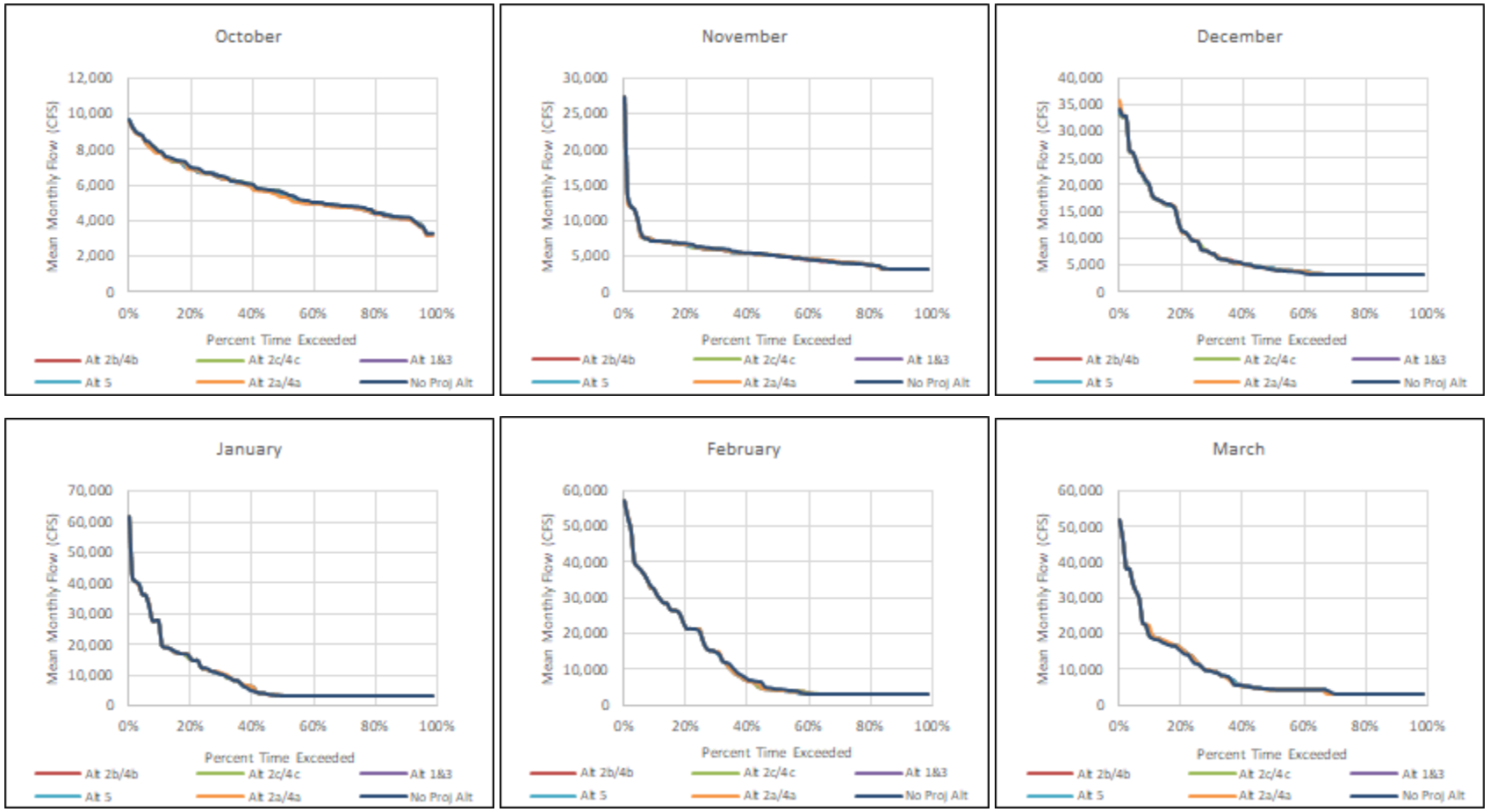


Figure 5A-B5.2.3.1-B. Sacramento River at Keswick Monthly Flow (C_KSWCK), Probability of Exceedance for No Project Alternatives, April to September

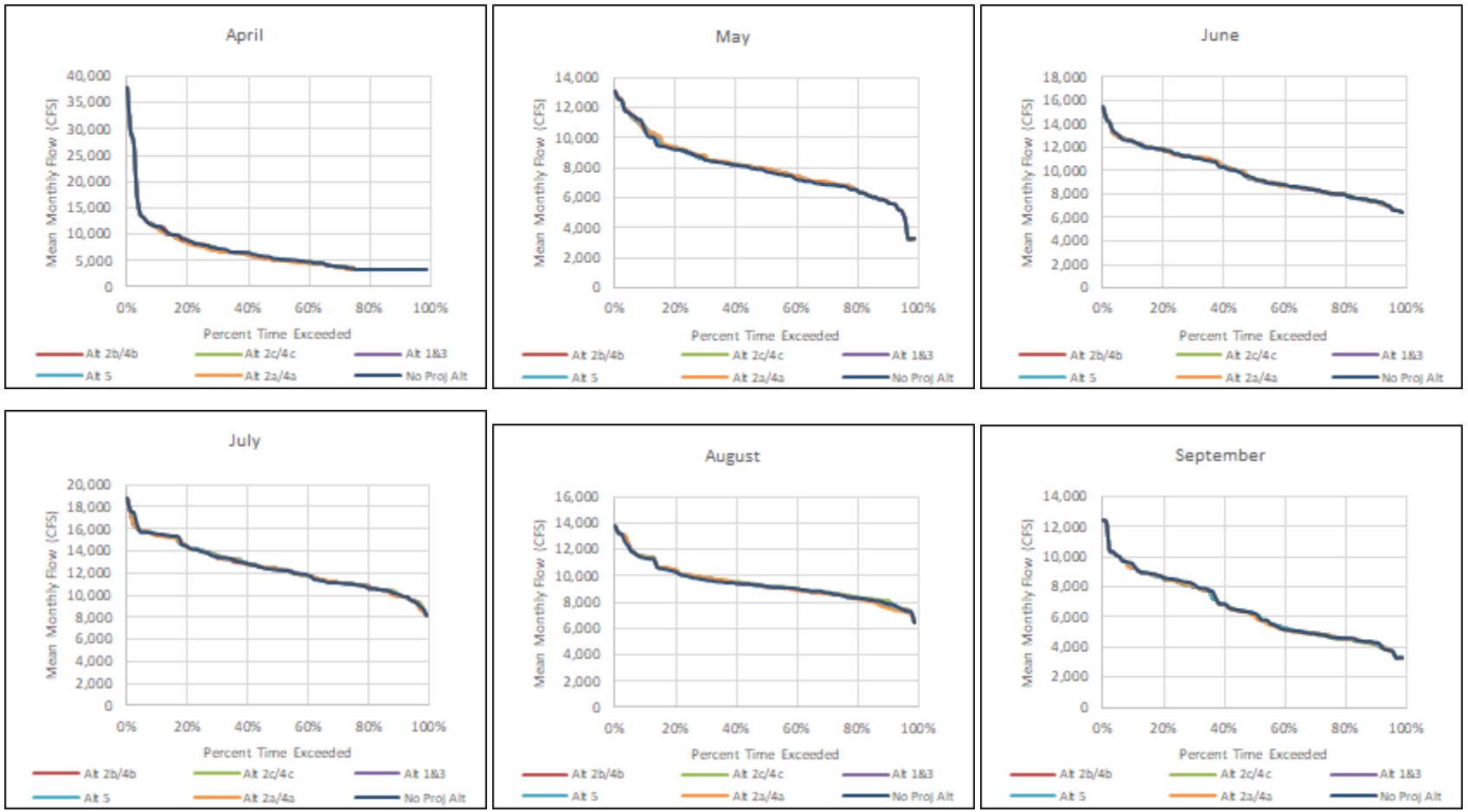


Table 5A-B5.2.3.1-A. Sacramento River at Keswick Monthly Flow (C_KSWCK), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	7,838	7,204	19,469	25,402	31,993	19,348	11,432	10,506	12,570	15,574	11,345	9,464
20%	7,002	6,871	12,017	15,797	22,181	15,351	8,859	9,240	11,864	14,436	10,316	8,611
30%	6,478	6,134	7,250	10,441	15,011	9,703	7,270	8,560	11,207	13,484	9,705	8,182
40%	6,022	5,563	5,464	5,077	7,750	5,686	6,504	8,203	10,389	12,876	9,457	6,823
50%	5,599	5,208	4,232	3,353	4,697	4,631	5,300	7,812	9,470	12,318	9,242	6,226
60%	5,017	4,683	3,650	3,250	3,345	4,470	4,774	7,297	8,894	11,867	9,041	5,147
70%	4,803	4,222	3,250	3,250	3,250	3,596	3,863	6,877	8,464	11,142	8,735	4,876
80%	4,521	3,897	3,250	3,250	3,250	3,250	3,250	6,555	8,071	10,738	8,333	4,564
90%	4,155	3,254	3,250	3,250	3,250	3,250	3,250	5,826	7,495	10,152	7,959	4,288

Table 5A-B5.2.3.1-B. Sacramento River at Keswick Monthly Flow (C_KSWCK), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5,770	5,654	8,064	9,801	12,319	9,589	6,936	7,913	9,881	12,584	9,423	6,542
Wet Water Years	5,947	6,749	13,622	18,605	21,452	16,973	9,022	7,362	8,538	13,444	10,337	8,629
Above Normal Water Years	6,007	5,533	8,056	10,513	16,687	7,895	5,328	8,982	10,783	13,682	9,877	8,032
Below Normal Water Years	5,793	4,743	5,317	4,674	7,158	5,689	5,837	8,294	10,235	12,589	8,976	5,215
Dry Water Years	5,528	5,452	3,570	3,385	4,994	5,662	6,234	8,367	10,648	11,295	8,608	4,804
Critical Water Years	5,340	4,943	3,978	3,651	3,655	3,584	5,601	7,273	11,233	10,894	8,487	4,592

Table 5A-B5.2.3.1-C. Sacramento River at Keswick Monthly Flow (C_KSWCK), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	7,830	7,269	19,377	25,402	31,993	19,381	11,432	10,658	12,545	15,511	11,436	9,274
20%	6,923	6,743	12,197	15,602	22,199	15,966	8,870	9,309	11,928	14,387	10,394	8,564
30%	6,387	6,071	7,255	10,441	15,011	9,690	7,230	8,567	11,208	13,398	9,820	7,980
40%	6,016	5,501	5,375	5,902	7,186	5,825	6,275	8,212	10,412	12,833	9,461	6,818
50%	5,554	5,198	4,407	3,340	4,483	4,578	5,127	7,856	9,423	12,356	9,161	6,241
60%	4,997	4,595	3,855	3,250	3,758	4,470	4,558	7,336	8,928	11,799	9,029	5,223
70%	4,802	4,214	3,250	3,250	3,250	3,250	3,827	6,901	8,492	11,221	8,703	4,897
80%	4,461	3,930	3,250	3,250	3,250	3,250	3,250	6,509	8,072	10,939	8,372	4,568
90%	4,150	3,250	3,250	3,250	3,250	3,250	3,250	5,824	7,495	10,179	8,015	4,257

Table 5A-B5.2.3.1-D. Sacramento River at Keswick Monthly Flow (C_KSWCK), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5,747	5,609	8,099	9,805	12,218	9,664	6,896	7,933	9,890	12,601	9,450	6,534
Wet Water Years	5,898	6,705	13,653	18,598	21,432	17,013	9,024	7,384	8,543	13,430	10,362	8,592
Above Normal Water Years	5,975	5,454	8,131	10,501	16,705	7,952	5,253	8,984	10,792	13,766	10,003	7,999
Below Normal Water Years	5,779	4,690	5,414	4,635	7,117	5,844	5,722	8,312	10,228	12,629	8,991	5,240
Dry Water Years	5,474	5,387	3,541	3,391	4,554	5,740	6,163	8,396	10,663	11,261	8,638	4,810
Critical Water Years	5,409	4,959	3,932	3,784	3,506	3,590	5,674	7,294	11,285	10,952	8,464	4,590

Table 5A-B5.2.3.1-E. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-9	64	-92	0	0	33	0	152	-25	-63	91	-190
20%	-79	-128	179	-195	17	615	11	69	65	-49	78	-46
30%	-91	-63	5	0	0	-13	-41	7	0	-86	116	-202
40%	-6	-62	-89	825	-564	139	-228	10	23	-43	4	-6
50%	-45	-10	175	-13	-213	-53	-173	44	-47	38	-80	15
60%	-20	-89	205	0	414	0	-216	38	35	-68	-11	76
70%	-1	-8	0	0	0	-346	-35	24	28	79	-32	20
80%	-60	33	0	0	0	0	0	-46	1	201	39	4
90%	-4	-4	0	0	0	0	0	-2	0	27	56	-31

Table 5A-B5.2.3.1-F. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-24	-45	35	3	-101	75	-40	20	9	17	27	-8
Wet Water Years	-49	-43	31	-7	-20	40	2	22	5	-14	25	-36
Above Normal Water Years	-32	-80	76	-12	18	57	-75	2	9	84	125	-33
Below Normal Water Years	-14	-53	97	-39	-41	155	-115	17	-7	40	16	25
Dry Water Years	-54	-65	-29	6	-440	78	-71	29	15	-33	29	6
Critical Water Years	68	16	-46	132	-149	6	73	22	52	58	-23	-2

Table 5A-B5.2.3.2-A. Sacramento River at Keswick Monthly Flow (C_KSWCK), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	7,829	7,221	19,383	25,402	31,993	19,381	11,432	10,737	12,542	15,505	11,467	9,262
20%	6,923	6,715	12,190	15,384	22,200	16,124	8,575	9,401	11,930	14,388	10,405	8,578
30%	6,385	6,085	7,254	10,441	15,011	9,703	7,248	8,557	11,207	13,666	9,814	7,976
40%	6,016	5,502	5,389	6,332	7,232	5,680	6,276	8,207	10,406	12,930	9,526	6,819
50%	5,590	5,250	4,482	3,365	4,482	4,542	5,124	7,872	9,432	12,362	9,159	6,243
60%	5,002	4,725	3,865	3,250	3,755	4,470	4,558	7,438	8,926	11,800	9,020	5,222
70%	4,802	4,223	3,250	3,250	3,250	3,250	3,780	6,906	8,459	11,203	8,702	4,876
80%	4,471	3,930	3,250	3,250	3,250	3,250	3,250	6,493	8,071	10,797	8,388	4,548
90%	4,150	3,250	3,250	3,250	3,250	3,250	3,250	5,823	7,495	10,169	8,098	4,205

Table 5A-B5.2.3.2-B. Sacramento River at Keswick Monthly Flow (C_KSWCK), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5,747	5,624	8,111	9,818	12,220	9,659	6,857	7,947	9,885	12,603	9,460	6,517
Wet Water Years	5,895	6,695	13,634	18,582	21,440	17,006	9,019	7,384	8,544	13,414	10,351	8,587
Above Normal Water Years	5,980	5,466	8,130	10,501	16,707	7,952	5,273	8,970	10,786	13,768	10,006	7,986
Below Normal Water Years	5,769	4,685	5,436	4,646	7,133	5,857	5,731	8,312	10,230	12,679	9,031	5,192
Dry Water Years	5,520	5,431	3,578	3,491	4,435	5,742	5,913	8,499	10,653	11,236	8,663	4,807
Critical Water Years	5,385	5,058	3,989	3,790	3,607	3,539	5,639	7,298	11,250	10,930	8,459	4,591

Table 5A-B5.2.3.2-C. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-9	16	-85	0	0	33	0	231	-28	-69	122	-202
20%	-79	-156	173	-413	18	773	-284	161	66	-48	89	-33
30%	-93	-49	5	0	0	0	-22	-3	0	182	110	-206
40%	-7	-61	-75	1,255	-517	-6	-227	4	18	53	68	-5
50%	-10	42	250	13	-215	-89	-175	60	-38	44	-83	17
60%	-15	41	215	0	411	0	-216	141	32	-67	-21	76
70%	-1	0	0	0	0	-346	-83	29	-5	61	-34	0
80%	-50	33	0	0	0	0	0	-62	0	60	55	-16
90%	-4	-4	0	0	0	0	0	-3	0	17	139	-84

Table 5A-B5.2.3.2-D. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-23	-30	47	17	-98	70	-79	34	4	18	37	-25
Wet Water Years	-52	-54	11	-23	-11	33	-4	22	7	-30	14	-42
Above Normal Water Years	-27	-68	75	-12	20	57	-55	-11	3	86	129	-46
Below Normal Water Years	-24	-58	119	-28	-25	168	-106	17	-5	90	55	-22
Dry Water Years	-9	-21	8	106	-559	81	-321	132	5	-59	55	3
Critical Water Years	45	115	11	139	-48	-45	38	25	18	35	-27	-1

Table 5A-B5.2.3.3-A. Sacramento River at Keswick Monthly Flow (C_KSWCK), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	7,808	7,247	19,394	25,402	31,993	20,537	11,432	10,581	12,579	15,505	11,441	9,281
20%	6,923	6,692	12,139	15,895	22,220	16,128	8,449	9,295	11,809	14,414	10,407	8,571
30%	6,395	6,075	7,263	10,441	15,011	9,704	6,890	8,561	11,206	13,604	9,810	7,975
40%	5,950	5,506	5,350	6,335	7,232	5,823	6,124	8,205	10,501	12,954	9,470	6,820
50%	5,519	5,199	4,489	3,452	4,373	4,541	5,116	7,910	9,352	12,447	9,216	6,244
60%	5,002	4,731	3,937	3,250	3,429	4,470	4,513	7,443	8,773	11,787	9,016	5,272
70%	4,803	4,248	3,262	3,250	3,250	3,250	3,771	7,029	8,467	11,198	8,716	4,923
80%	4,558	3,942	3,250	3,250	3,250	3,250	3,250	6,551	8,040	10,803	8,362	4,552
90%	4,155	3,250	3,250	3,250	3,250	3,250	3,250	5,824	7,464	10,031	7,715	4,245

Table 5A-B5.2.3.3-B. Sacramento River at Keswick Monthly Flow (C_KSWCK), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5,750	5,634	8,113	9,838	12,199	9,700	6,783	7,951	9,860	12,591	9,429	6,522
Wet Water Years	5,887	6,717	13,631	18,630	21,440	17,092	9,021	7,383	8,541	13,426	10,351	8,569
Above Normal Water Years	6,104	5,531	8,160	10,470	16,707	7,952	5,273	8,969	10,783	13,766	10,004	7,983
Below Normal Water Years	5,751	4,686	5,443	4,666	7,158	5,874	5,538	8,317	10,235	12,679	9,038	5,219
Dry Water Years	5,511	5,431	3,629	3,491	4,438	5,733	5,810	8,508	10,579	11,264	8,571	4,817
Critical Water Years	5,381	5,026	3,921	3,799	3,382	3,598	5,594	7,305	11,141	10,773	8,311	4,607

Table 5A-B5.2.3.3-C. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-30	42	-74	0	0	1,188	0	75	9	-69	96	-183
20%	-79	-178	121	98	39	777	-410	55	-55	-22	91	-40
30%	-83	-59	14	0	0	1	-380	0	-1	120	105	-207
40%	-73	-57	-114	1,258	-517	137	-380	2	112	78	13	-3
50%	-80	-8	257	99	-324	-90	-184	98	-119	129	-26	17
60%	-15	47	287	0	85	0	-262	145	-120	-80	-25	125
70%	0	25	12	0	0	-346	-92	152	3	56	-19	47
80%	37	45	0	0	0	0	0	-4	-31	66	29	-12
90%	1	-4	0	0	0	0	0	-2	-31	-121	-244	-44

Table 5A-B5.2.3.3-D. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-21	-20	49	37	-120	111	-152	38	-21	7	6	-20
Wet Water Years	-60	-32	9	25	-12	119	-1	21	3	-18	14	-60
Above Normal Water Years	97	-3	104	-43	20	58	-55	-13	-1	85	126	-48
Below Normal Water Years	-42	-57	126	-9	-1	185	-299	23	0	90	62	5
Dry Water Years	-18	-20	58	106	-557	72	-424	141	-69	-30	-38	13
Critical Water Years	41	82	-57	148	-273	14	-7	33	-92	-121	-175	15

Table 5A-B5.2.3.4-A. Sacramento River at Keswick Monthly Flow (C_KSWCK), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	7,827	7,212	19,403	25,402	31,993	21,546	11,194	10,427	12,600	15,410	11,437	9,279
20%	6,923	6,742	11,942	15,895	22,220	16,156	8,364	9,327	11,802	14,378	10,507	8,687
30%	6,480	6,085	7,207	10,864	15,082	9,844	6,882	8,799	11,267	13,494	9,839	8,113
40%	5,948	5,516	5,277	6,421	7,199	5,507	6,124	8,199	10,408	12,836	9,506	6,821
50%	5,384	5,241	4,232	3,451	4,371	4,502	5,108	7,944	9,398	12,445	9,212	6,126
60%	5,002	4,723	3,862	3,250	3,421	4,470	4,495	7,448	8,749	11,826	8,931	5,225
70%	4,791	4,328	3,250	3,250	3,250	3,250	3,770	7,052	8,517	11,201	8,660	4,930
80%	4,593	3,926	3,250	3,250	3,250	3,250	3,250	6,550	8,033	10,801	8,294	4,613
90%	4,162	3,250	3,250	3,250	3,250	3,250	3,250	5,823	7,464	9,988	7,644	4,324

Table 5A-B5.2.3.4-B. Sacramento River at Keswick Monthly Flow (C_KSWCK), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5,747	5,642	8,115	9,863	12,217	9,681	6,729	7,976	9,872	12,581	9,424	6,536
Wet Water Years	5,855	6,663	13,668	18,626	21,458	17,136	9,021	7,384	8,547	13,434	10,358	8,598
Above Normal Water Years	6,111	5,599	8,096	10,473	16,705	7,952	5,190	8,993	10,786	13,763	10,114	8,036
Below Normal Water Years	5,777	4,714	5,425	4,721	7,200	5,909	5,428	8,309	10,245	12,654	9,089	5,197
Dry Water Years	5,517	5,480	3,632	3,536	4,433	5,443	5,691	8,676	10,618	11,283	8,401	4,846
Critical Water Years	5,385	5,065	3,916	3,832	3,388	3,596	5,610	7,299	11,153	10,708	8,257	4,613

Table 5A-B5.2.3.4-C. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-12	8	-66	0	0	2,198	-238	-79	30	-164	92	-185
20%	-79	-129	-75	98	39	805	-495	87	-62	-58	191	76
30%	2	-49	-43	423	70	141	-388	239	60	10	134	-69
40%	-74	-47	-187	1,344	-551	-179	-379	-4	19	-40	48	-2
50%	-216	34	-1	99	-326	-129	-192	133	-73	127	-30	-101
60%	-15	39	212	0	76	0	-280	150	-144	-40	-110	79
70%	-13	106	0	0	0	-346	-93	175	53	59	-76	54
80%	72	30	0	0	0	0	0	-5	-38	63	-39	49
90%	7	-4	0	0	0	0	0	-3	-31	-164	-315	35

Table 5A-B5.2.3.4-D. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-23	-12	51	62	-102	93	-206	62	-9	-3	1	-6
Wet Water Years	-92	-86	46	21	7	163	-1	22	9	-10	21	-31
Above Normal Water Years	104	66	41	-40	18	57	-139	11	2	81	237	4
Below Normal Water Years	-16	-29	107	47	42	220	-409	14	10	65	113	-18
Dry Water Years	-12	28	62	151	-561	-219	-543	309	-30	-11	-208	42
Critical Water Years	45	122	-62	181	-267	12	9	27	-79	-186	-229	21

Table 5A-B5.2.3.5-A. Sacramento River at Keswick Monthly Flow (C_KSWCK), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	7,809	7,246	19,403	25,402	31,993	20,535	11,432	10,582	12,579	15,505	11,443	9,282
20%	6,923	6,692	12,139	15,895	22,219	16,127	8,449	9,295	11,809	14,404	10,407	8,571
30%	6,395	6,076	7,263	10,441	15,011	9,704	6,890	8,561	11,206	13,602	9,810	7,975
40%	5,950	5,506	5,297	6,331	7,232	5,823	6,124	8,205	10,502	12,954	9,470	6,820
50%	5,520	5,195	4,490	3,452	4,373	4,540	5,117	7,909	9,333	12,447	9,224	6,244
60%	5,002	4,731	3,934	3,250	3,429	4,470	4,513	7,442	8,773	11,787	9,016	5,272
70%	4,803	4,247	3,262	3,250	3,250	3,250	3,771	7,029	8,467	11,200	8,716	4,923
80%	4,560	3,946	3,250	3,250	3,250	3,250	3,250	6,551	8,040	10,803	8,362	4,551
90%	4,159	3,250	3,250	3,250	3,250	3,250	3,250	5,824	7,464	10,031	7,715	4,245

Table 5A-B5.2.3.5-B. Sacramento River at Keswick Monthly Flow (C_KSWCK), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5,750	5,635	8,113	9,838	12,198	9,700	6,783	7,951	9,858	12,591	9,430	6,522
Wet Water Years	5,887	6,716	13,632	18,630	21,440	17,092	9,021	7,383	8,539	13,425	10,352	8,570
Above Normal Water Years	6,104	5,531	8,160	10,470	16,707	7,952	5,273	8,969	10,783	13,767	10,004	7,983
Below Normal Water Years	5,751	4,689	5,441	4,665	7,157	5,874	5,539	8,317	10,232	12,678	9,039	5,219
Dry Water Years	5,511	5,431	3,629	3,491	4,438	5,733	5,810	8,508	10,580	11,264	8,571	4,817
Critical Water Years	5,381	5,025	3,921	3,798	3,382	3,598	5,594	7,305	11,141	10,773	8,312	4,607

Table 5A-B5.2.3.5-C. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-30	42	-66	0	0	1,186	0	76	9	-69	98	-183
20%	-79	-179	121	98	38	777	-410	55	-54	-32	91	-40
30%	-83	-58	14	0	0	1	-380	1	-1	118	105	-207
40%	-73	-57	-167	1,254	-517	137	-380	2	113	78	13	-4
50%	-79	-13	257	99	-324	-90	-183	97	-138	129	-18	17
60%	-15	47	284	0	85	0	-262	145	-120	-80	-24	125
70%	0	25	12	0	0	-346	-92	152	3	58	-20	47
80%	39	50	0	0	0	0	0	-4	-31	66	29	-13
90%	4	-4	0	0	0	0	0	-2	-31	-121	-244	-44

Table 5A-B5.2.3.5-D. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-20	-19	49	37	-120	111	-152	38	-23	6	7	-20
Wet Water Years	-60	-32	9	25	-12	119	-1	21	1	-18	15	-59
Above Normal Water Years	97	-3	104	-43	20	58	-55	-13	-1	85	126	-48
Below Normal Water Years	-42	-55	123	-9	-1	185	-298	23	-4	89	63	4
Dry Water Years	-17	-21	58	106	-557	71	-424	142	-68	-30	-38	13
Critical Water Years	40	82	-57	147	-273	14	-7	33	-92	-121	-175	15

B.2.4 Sacramento River above Bend Bridge

Figure 5A-B5.2.4.1-A. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Probability of Exceedance for No Project Alternatives, October to March

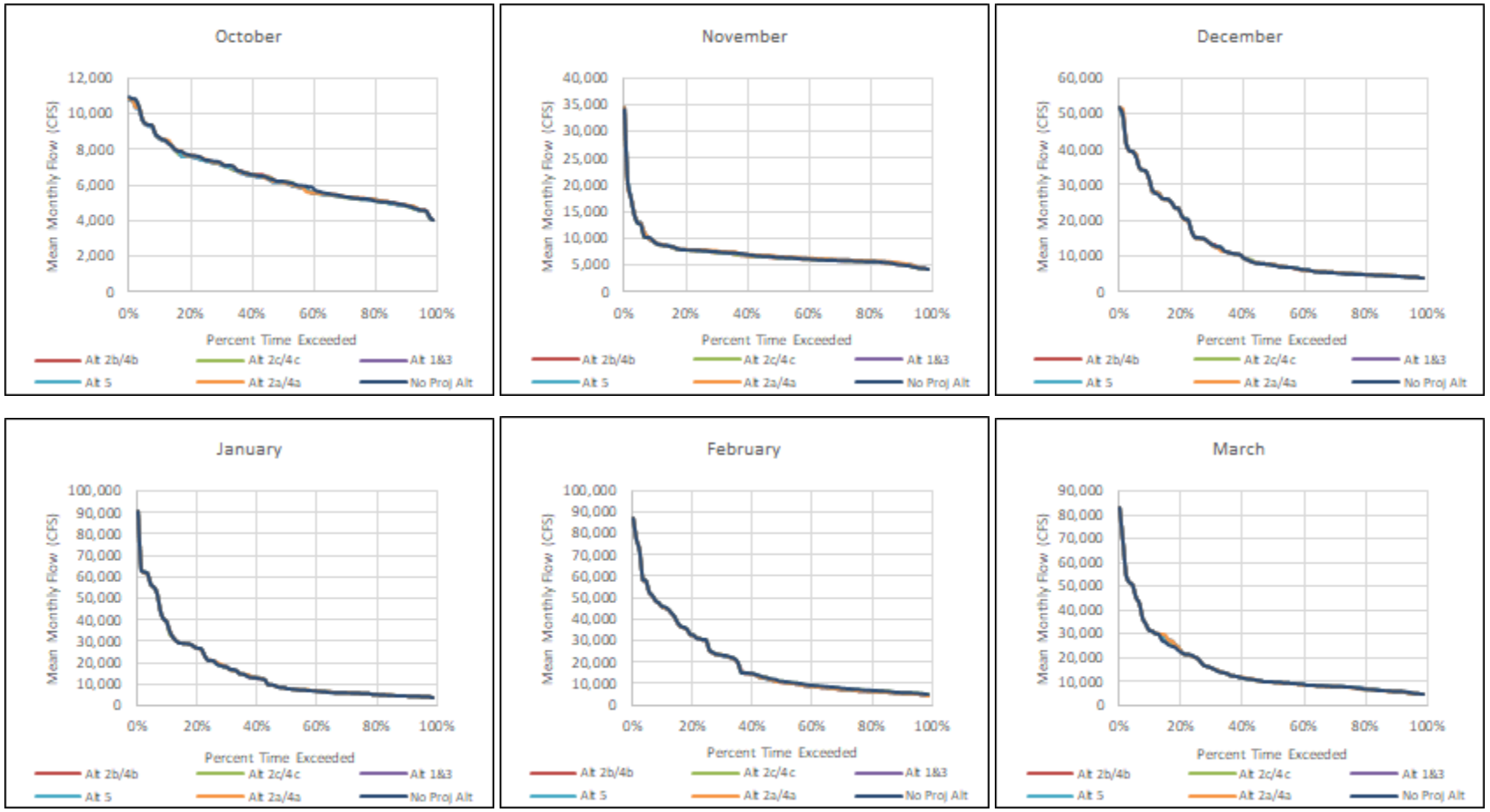


Figure 5A-B5.2.4.1-B. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Probability of Exceedance for No Project Alternatives, April to September

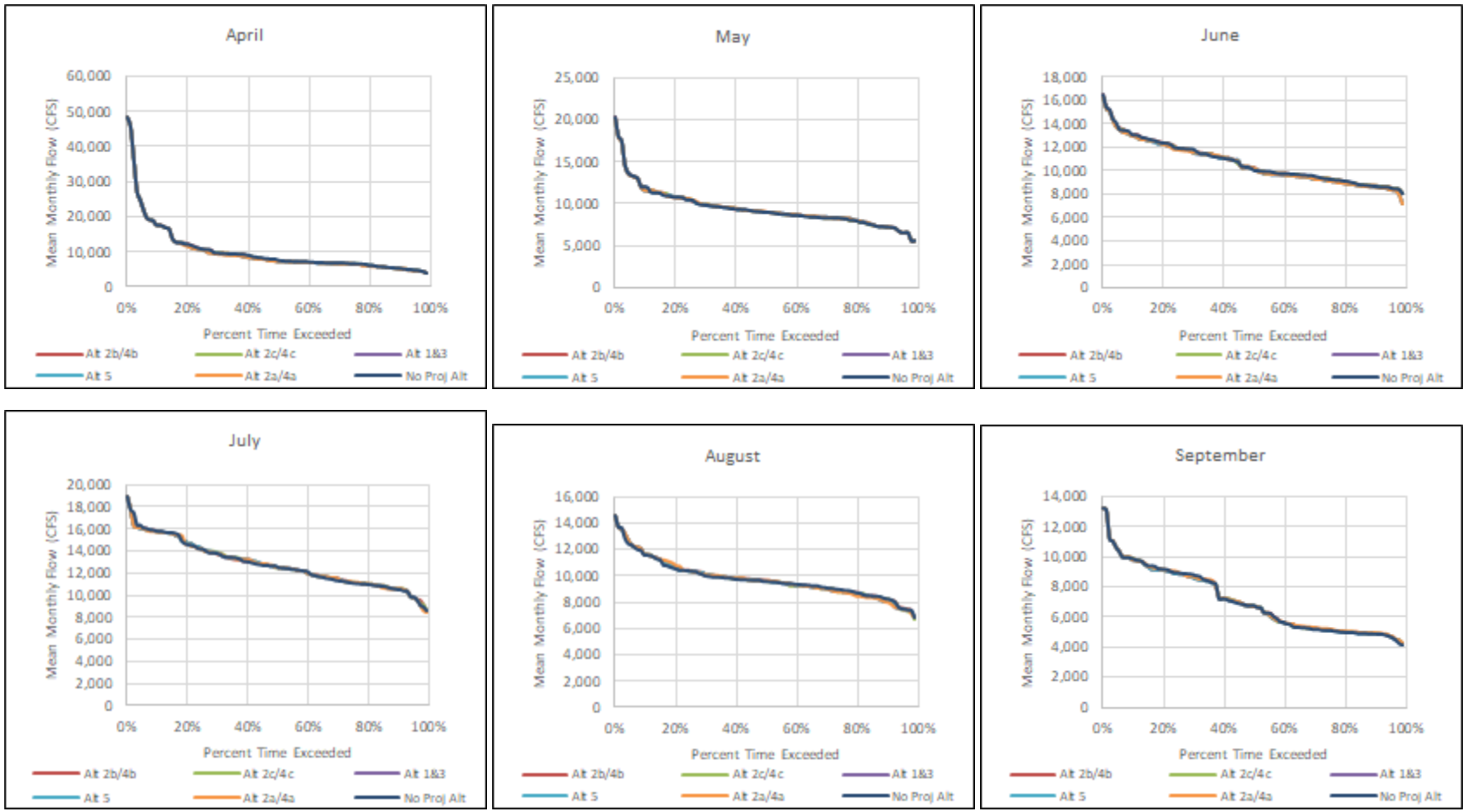


Table 5A-B5.2.4.1-A. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,648	9,355	30,854	37,943	46,114	31,198	17,761	11,980	13,027	15,814	11,569	9,865
20%	7,657	7,908	22,227	27,192	32,858	22,241	12,296	10,772	12,335	14,610	10,530	9,191
30%	7,237	7,644	13,609	18,436	23,368	15,558	9,778	9,807	11,803	13,810	9,993	8,829
40%	6,580	7,096	10,351	13,349	14,745	11,336	9,239	9,364	11,052	13,068	9,739	7,229
50%	6,185	6,578	7,740	8,616	11,109	9,573	7,881	8,979	10,064	12,612	9,568	6,768
60%	5,859	6,201	6,447	7,287	9,275	8,624	7,298	8,610	9,702	12,193	9,365	5,699
70%	5,349	5,935	5,544	6,413	8,018	7,635	6,958	8,307	9,537	11,372	9,116	5,216
80%	5,129	5,729	5,038	5,662	6,854	6,654	6,471	7,995	9,103	11,043	8,754	5,030
90%	4,877	5,162	4,612	4,966	5,832	5,630	5,539	7,248	8,649	10,581	8,287	4,914

Table 5A-B5.2.4.1-B. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,507	7,482	13,131	16,733	19,966	15,637	10,488	9,488	10,701	12,851	9,758	7,119
Wet Water Years	6,756	9,232	22,165	30,811	32,604	26,122	14,932	9,791	9,833	13,888	10,724	9,229
Above Normal Water Years	6,834	7,577	13,661	17,535	25,990	14,756	8,571	10,774	11,497	13,856	10,305	8,663
Below Normal Water Years	6,546	6,548	8,317	9,052	13,171	10,022	8,730	9,552	10,890	12,809	9,329	5,876
Dry Water Years	6,138	6,446	6,324	6,645	10,102	9,873	7,719	9,231	11,153	11,402	8,835	5,188
Critical Water Years	5,920	5,836	6,258	5,826	6,922	6,351	6,743	7,851	11,552	11,030	8,700	5,102

Table 5A-B5.2.4.1-C. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,629	9,325	30,721	37,799	45,975	31,197	17,761	11,848	13,030	15,810	11,623	9,893
20%	7,627	7,915	22,316	27,192	32,884	22,787	12,446	10,772	12,344	14,766	10,680	9,118
30%	7,216	7,459	13,609	18,117	23,368	15,558	9,854	9,909	11,615	13,766	10,091	8,648
40%	6,588	6,839	10,343	13,349	14,706	11,333	9,034	9,321	11,094	13,085	9,829	7,233
50%	6,177	6,459	7,872	8,618	10,972	9,534	7,507	9,014	10,242	12,564	9,633	6,763
60%	5,563	6,201	6,415	7,355	9,038	8,624	7,169	8,630	9,723	12,084	9,288	5,662
70%	5,347	5,958	5,690	6,418	7,569	7,731	6,845	8,307	9,455	11,625	9,054	5,244
80%	5,185	5,746	5,038	5,662	6,620	6,864	6,387	8,002	9,093	11,109	8,733	5,069
90%	4,883	5,227	4,684	4,966	5,883	5,630	5,524	7,239	8,709	10,666	8,242	4,919

Table 5A-B5.2.4.1-D. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,483	7,437	13,164	16,736	19,867	15,711	10,449	9,508	10,710	12,868	9,784	7,111
Wet Water Years	6,707	9,188	22,196	30,804	32,585	26,163	14,934	9,813	9,838	13,875	10,749	9,193
Above Normal Water Years	6,802	7,498	13,736	17,523	26,007	14,813	8,497	10,776	11,505	13,940	10,428	8,631
Below Normal Water Years	6,532	6,495	8,412	9,014	13,131	10,176	8,618	9,569	10,882	12,848	9,343	5,901
Dry Water Years	6,084	6,381	6,292	6,652	9,670	9,947	7,648	9,262	11,166	11,368	8,863	5,193
Critical Water Years	5,989	5,852	6,213	5,956	6,774	6,357	6,816	7,873	11,603	11,088	8,679	5,100

Table 5A-B5.2.4.1-E. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-20	-30	-133	-145	-140	-1	0	-132	3	-4	54	28
20%	-30	7	89	0	26	546	150	0	9	156	150	-72
30%	-21	-184	0	-320	0	0	75	102	-188	-44	98	-181
40%	7	-256	-8	0	-39	-3	-205	-43	42	18	90	4
50%	-8	-119	132	2	-137	-39	-374	35	178	-48	65	-5
60%	-296	0	-33	68	-238	0	-128	20	21	-109	-77	-38
70%	-2	23	146	5	-450	96	-113	0	-83	253	-62	27
80%	57	17	0	-1	-235	210	-84	7	-10	66	-21	40
90%	6	65	72	0	51	0	-15	-9	60	84	-44	5

Table 5A-B5.2.4.1-F. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-23	-45	34	3	-99	74	-39	20	9	17	26	-8
Wet Water Years	-49	-44	31	-7	-19	40	2	22	5	-13	25	-36
Above Normal Water Years	-32	-79	75	-12	17	57	-74	2	8	85	124	-32
Below Normal Water Years	-14	-53	95	-38	-40	154	-112	17	-8	39	15	25
Dry Water Years	-54	-64	-32	6	-432	74	-71	30	14	-34	28	5
Critical Water Years	69	17	-45	130	-148	6	73	22	51	57	-22	-2

Table 5A-B5.2.4.2-A. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,628	9,325	30,720	37,637	45,978	31,198	17,761	11,856	13,033	15,759	11,682	9,876
20%	7,626	7,910	22,328	27,192	32,885	22,787	12,066	10,820	12,330	14,789	10,668	9,108
30%	7,182	7,460	13,609	18,137	23,367	15,558	9,920	9,949	11,621	13,893	10,158	8,643
40%	6,583	6,889	10,343	13,480	14,714	11,336	9,033	9,444	11,112	13,228	9,832	7,235
50%	6,184	6,503	7,874	8,618	11,072	9,536	7,505	9,014	10,204	12,526	9,621	6,763
60%	5,615	6,224	6,445	7,355	9,037	8,624	7,169	8,671	9,721	12,071	9,268	5,652
70%	5,346	5,962	5,690	6,421	7,569	7,731	6,821	8,307	9,455	11,474	9,063	5,236
80%	5,185	5,775	5,072	5,662	6,738	6,654	6,403	8,002	9,093	11,082	8,752	5,044
90%	4,871	5,296	4,697	4,989	5,885	5,630	5,495	7,239	8,691	10,664	8,304	4,918

Table 5A-B5.2.4.2-B. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,484	7,452	13,176	16,749	19,869	15,705	10,411	9,522	10,705	12,870	9,794	7,094
Wet Water Years	6,705	9,178	22,177	30,789	32,593	26,155	14,929	9,813	9,840	13,859	10,738	9,188
Above Normal Water Years	6,807	7,510	13,735	17,523	26,009	14,813	8,517	10,763	11,500	13,943	10,432	8,618
Below Normal Water Years	6,522	6,489	8,434	9,025	13,147	10,189	8,626	9,569	10,885	12,898	9,382	5,854
Dry Water Years	6,129	6,425	6,329	6,751	9,553	9,950	7,403	9,363	11,156	11,342	8,888	5,191
Critical Water Years	5,966	5,950	6,269	5,963	6,875	6,306	6,782	7,877	11,569	11,066	8,674	5,102

Table 5A-B5.2.4.2-C. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-20	-31	-134	-307	-136	0	0	-124	6	-54	113	11
20%	-31	2	101	0	27	546	-230	48	-5	179	138	-82
30%	-55	-184	0	-300	0	0	141	142	-182	83	166	-186
40%	3	-207	-8	132	-30	0	-205	79	60	160	93	6
50%	-1	-76	135	2	-37	-38	-376	35	140	-86	52	-5
60%	-244	23	-3	68	-238	0	-129	61	19	-123	-98	-48
70%	-2	26	146	9	-449	96	-137	0	-82	103	-53	20
80%	56	45	34	-1	-116	0	-68	7	-11	38	-2	15
90%	-6	134	85	24	52	0	-43	-9	42	83	17	3

Table 5A-B5.2.4.2-D. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-23	-30	46	17	-97	69	-77	34	4	19	36	-24
Wet Water Years	-51	-54	11	-22	-11	32	-3	22	7	-29	14	-41
Above Normal Water Years	-27	-67	74	-12	20	57	-53	-11	3	87	128	-45
Below Normal Water Years	-24	-58	117	-28	-24	167	-104	17	-5	89	53	-22
Dry Water Years	-9	-20	5	105	-550	77	-316	131	4	-59	53	3
Critical Water Years	46	114	11	137	-47	-45	39	25	17	36	-26	0

Table 5A-B5.2.4.3-A. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,631	9,325	30,655	38,034	45,980	31,198	17,761	11,582	13,053	15,768	11,621	9,784
20%	7,625	7,885	22,335	27,192	32,919	22,787	12,067	10,821	12,326	14,757	10,690	9,127
30%	7,179	7,459	13,608	18,442	23,367	15,558	9,695	9,909	11,620	13,846	10,142	8,627
40%	6,559	6,894	10,346	13,485	14,876	11,336	8,626	9,442	11,112	13,260	9,832	7,228
50%	6,167	6,503	7,894	8,619	11,072	9,600	7,487	9,016	10,288	12,573	9,622	6,756
60%	5,629	6,224	6,446	7,355	9,022	8,624	7,169	8,704	9,704	12,069	9,311	5,662
70%	5,372	5,962	5,690	6,421	7,569	7,731	6,901	8,403	9,374	11,552	9,054	5,311
80%	5,201	5,775	5,149	5,662	6,618	6,919	6,382	8,022	9,020	11,037	8,704	5,045
90%	4,863	5,294	4,786	4,988	5,697	5,630	5,424	7,239	8,695	10,637	8,066	4,923

Table 5A-B5.2.4.3-B. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,486	7,462	13,179	16,769	19,848	15,746	10,338	9,525	10,680	12,858	9,764	7,098
Wet Water Years	6,697	9,199	22,174	30,836	32,593	26,241	14,932	9,812	9,836	13,871	10,738	9,170
Above Normal Water Years	6,930	7,574	13,765	17,492	26,009	14,814	8,517	10,761	11,496	13,941	10,429	8,615
Below Normal Water Years	6,504	6,490	8,441	9,044	13,171	10,205	8,437	9,572	10,889	12,898	9,389	5,881
Dry Water Years	6,120	6,426	6,379	6,751	9,555	9,941	7,300	9,371	11,084	11,371	8,797	5,200
Critical Water Years	5,961	5,918	6,202	5,971	6,652	6,364	6,737	7,884	11,461	10,911	8,528	5,116

Table 5A-B5.2.4.3-C. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-17	-31	-198	91	-135	0	0	-398	27	-46	52	-80
20%	-32	-22	108	0	60	546	-230	49	-9	147	160	-64
30%	-58	-185	-1	5	-1	0	-83	102	-183	36	150	-202
40%	-22	-201	-5	136	132	0	-612	77	60	192	93	0
50%	-19	-75	154	3	-37	27	-394	37	225	-40	54	-13
60%	-230	23	-1	68	-253	0	-129	94	2	-124	-55	-38
70%	23	26	146	9	-449	96	-57	95	-164	181	-62	94
80%	72	45	111	0	-236	265	-90	27	-83	-6	-50	15
90%	-14	132	174	23	-135	0	-114	-9	46	56	-220	8

Table 5A-B5.2.4.3-D. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-20	-20	48	37	-118	110	-150	37	-21	7	6	-20
Wet Water Years	-59	-33	8	25	-11	118	-1	21	3	-17	14	-59
Above Normal Water Years	97	-3	104	-42	20	57	-54	-13	-1	85	125	-48
Below Normal Water Years	-42	-57	124	-8	0	183	-293	21	-1	89	60	5
Dry Water Years	-18	-20	55	105	-547	69	-419	140	-69	-31	-38	12
Critical Water Years	41	82	-56	145	-270	13	-6	32	-91	-120	-173	14

Table 5A-B5.2.4.4-A. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,629	9,324	30,693	38,059	46,007	31,209	17,761	11,642	13,027	15,758	11,614	9,780
20%	7,631	7,886	22,341	27,192	32,919	22,787	11,746	10,787	12,337	14,645	10,822	9,158
30%	7,204	7,628	13,640	18,490	23,636	15,558	9,503	9,908	11,633	13,786	10,103	8,683
40%	6,550	6,961	10,351	13,503	14,876	11,498	8,614	9,490	11,215	13,258	9,837	7,227
50%	6,151	6,595	7,889	8,620	10,973	9,515	7,468	9,060	10,301	12,566	9,635	6,700
60%	5,556	6,224	6,371	7,355	9,044	8,321	7,162	8,716	9,729	12,069	9,341	5,664
70%	5,348	5,957	5,690	6,421	7,571	7,573	6,851	8,411	9,409	11,598	9,037	5,316
80%	5,191	5,739	5,161	5,662	6,616	6,441	6,178	8,022	9,007	11,031	8,535	5,056
90%	4,873	5,403	4,785	4,989	5,712	5,569	5,424	7,267	8,697	10,625	8,057	4,926

Table 5A-B5.2.4.4-B. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,484	7,470	13,181	16,794	19,866	15,729	10,285	9,549	10,692	12,848	9,759	7,112
Wet Water Years	6,665	9,146	22,211	30,832	32,611	26,284	14,932	9,813	9,843	13,879	10,745	9,199
Above Normal Water Years	6,938	7,642	13,703	17,495	26,008	14,814	8,436	10,785	11,499	13,937	10,537	8,668
Below Normal Water Years	6,530	6,519	8,423	9,099	13,214	10,240	8,329	9,564	10,898	12,873	9,439	5,859
Dry Water Years	6,126	6,474	6,383	6,795	9,551	9,656	7,182	9,535	11,122	11,389	8,630	5,228
Critical Water Years	5,965	5,957	6,197	6,004	6,658	6,363	6,753	7,878	11,474	10,846	8,475	5,122

Table 5A-B5.2.4.4-C. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-19	-31	-160	116	-108	11	0	-338	1	-56	46	-85
20%	-27	-21	114	0	61	546	-550	15	2	35	293	-33
30%	-32	-16	31	53	268	0	-276	101	-170	-24	110	-147
40%	-30	-135	0	154	132	162	-624	125	163	190	98	-1
50%	-34	17	149	4	-137	-58	-413	80	237	-47	66	-69
60%	-303	24	-76	68	-231	-303	-136	106	27	-125	-25	-36
70%	0	22	146	9	-447	-62	-107	104	-129	226	-79	100
80%	62	9	123	-1	-238	-213	-293	27	-96	-13	-219	27
90%	-4	240	173	23	-121	-62	-114	19	48	43	-230	11

Table 5A-B5.2.4.4-D. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-23	-12	50	61	-100	92	-203	61	-9	-3	1	-6
Wet Water Years	-91	-86	45	21	7	162	0	22	9	-9	21	-30
Above Normal Water Years	104	66	41	-39	18	57	-135	11	2	81	233	5
Below Normal Water Years	-16	-29	106	47	42	218	-401	12	8	64	111	-17
Dry Water Years	-12	28	58	150	-551	-217	-537	303	-31	-13	-206	40
Critical Water Years	45	121	-61	178	-264	12	10	26	-79	-184	-225	20

Table 5A-B5.2.4.5-A. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,631	9,325	30,656	38,035	45,980	31,198	17,761	11,581	13,053	15,768	11,622	9,784
20%	7,625	7,886	22,335	27,192	32,917	22,787	12,067	10,821	12,326	14,757	10,690	9,140
30%	7,181	7,459	13,608	18,442	23,367	15,558	9,695	9,909	11,620	13,846	10,143	8,627
40%	6,559	6,895	10,346	13,485	14,876	11,336	8,626	9,442	11,112	13,256	9,832	7,228
50%	6,167	6,503	7,893	8,619	11,072	9,600	7,487	9,013	10,263	12,573	9,621	6,756
60%	5,629	6,225	6,446	7,355	9,022	8,624	7,169	8,704	9,704	12,069	9,311	5,662
70%	5,376	5,962	5,690	6,421	7,569	7,731	6,901	8,403	9,374	11,552	9,054	5,311
80%	5,201	5,775	5,149	5,662	6,618	6,919	6,382	8,022	9,020	11,037	8,704	5,045
90%	4,870	5,294	4,784	4,988	5,697	5,630	5,424	7,239	8,694	10,638	8,067	4,923

Table 5A-B5.2.4.5-B. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,486	7,463	13,178	16,769	19,848	15,746	10,339	9,525	10,678	12,858	9,764	7,098
Wet Water Years	6,697	9,199	22,175	30,836	32,593	26,241	14,932	9,812	9,835	13,871	10,738	9,171
Above Normal Water Years	6,930	7,574	13,765	17,492	26,009	14,814	8,517	10,762	11,496	13,941	10,429	8,615
Below Normal Water Years	6,504	6,493	8,438	9,044	13,171	10,205	8,438	9,572	10,885	12,896	9,390	5,880
Dry Water Years	6,120	6,426	6,379	6,750	9,555	9,941	7,301	9,372	11,084	11,371	8,797	5,200
Critical Water Years	5,961	5,918	6,202	5,970	6,652	6,364	6,737	7,884	11,461	10,911	8,528	5,116

Table 5A-B5.2.4.5-C. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-17	-31	-198	91	-135	0	0	-398	27	-46	53	-80
20%	-32	-22	108	0	58	546	-230	49	-9	147	160	-51
30%	-56	-185	-1	6	-1	0	-83	102	-183	36	150	-202
40%	-22	-201	-5	136	132	0	-612	77	60	188	93	0
50%	-19	-75	153	3	-37	27	-394	34	199	-40	53	-13
60%	-230	24	-1	68	-253	0	-129	94	2	-125	-54	-38
70%	28	26	146	9	-449	96	-57	95	-164	180	-62	94
80%	72	45	111	0	-236	266	-90	27	-83	-6	-51	15
90%	-7	132	172	23	-135	0	-114	-9	45	57	-220	8

Table 5A-B5.2.4.5-D. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-20	-19	48	36	-118	110	-149	37	-23	6	6	-20
Wet Water Years	-59	-33	9	25	-12	118	-1	21	2	-17	15	-58
Above Normal Water Years	97	-3	104	-42	20	57	-54	-13	-1	86	125	-48
Below Normal Water Years	-42	-55	121	-8	-1	183	-293	20	-4	87	61	4
Dry Water Years	-18	-20	55	105	-547	68	-419	140	-69	-31	-38	12
Critical Water Years	40	82	-56	144	-270	14	-6	32	-91	-119	-172	14

B.2.5 Sacramento River at Wilkins Slough

Figure 5A-B5.2.5.1-A. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Probability of Exceedance for No Project Alternatives, October to March

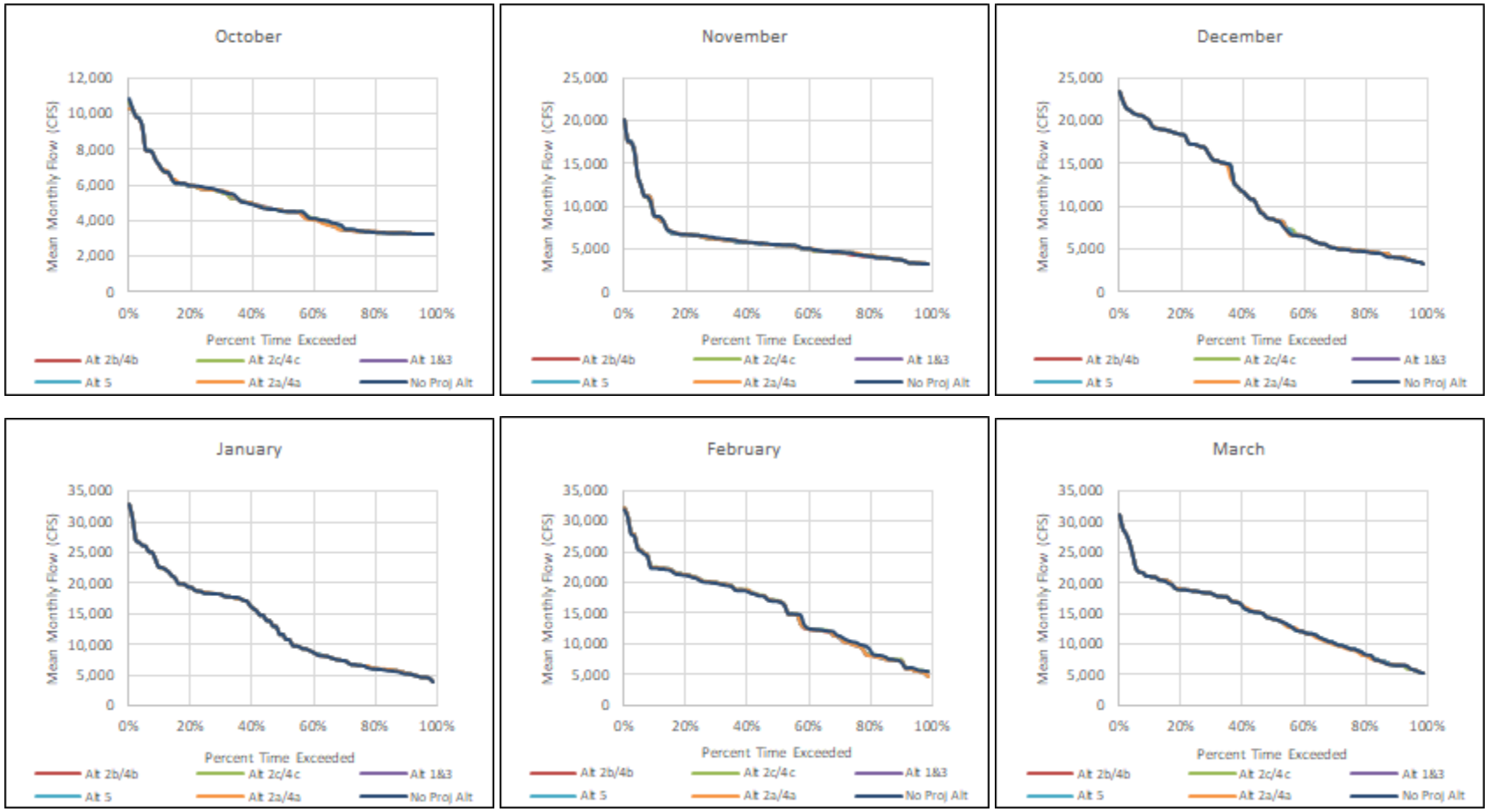


Figure 5A-B5.2.5.1-B. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Probability of Exceedance for No Project Alternatives, April to September

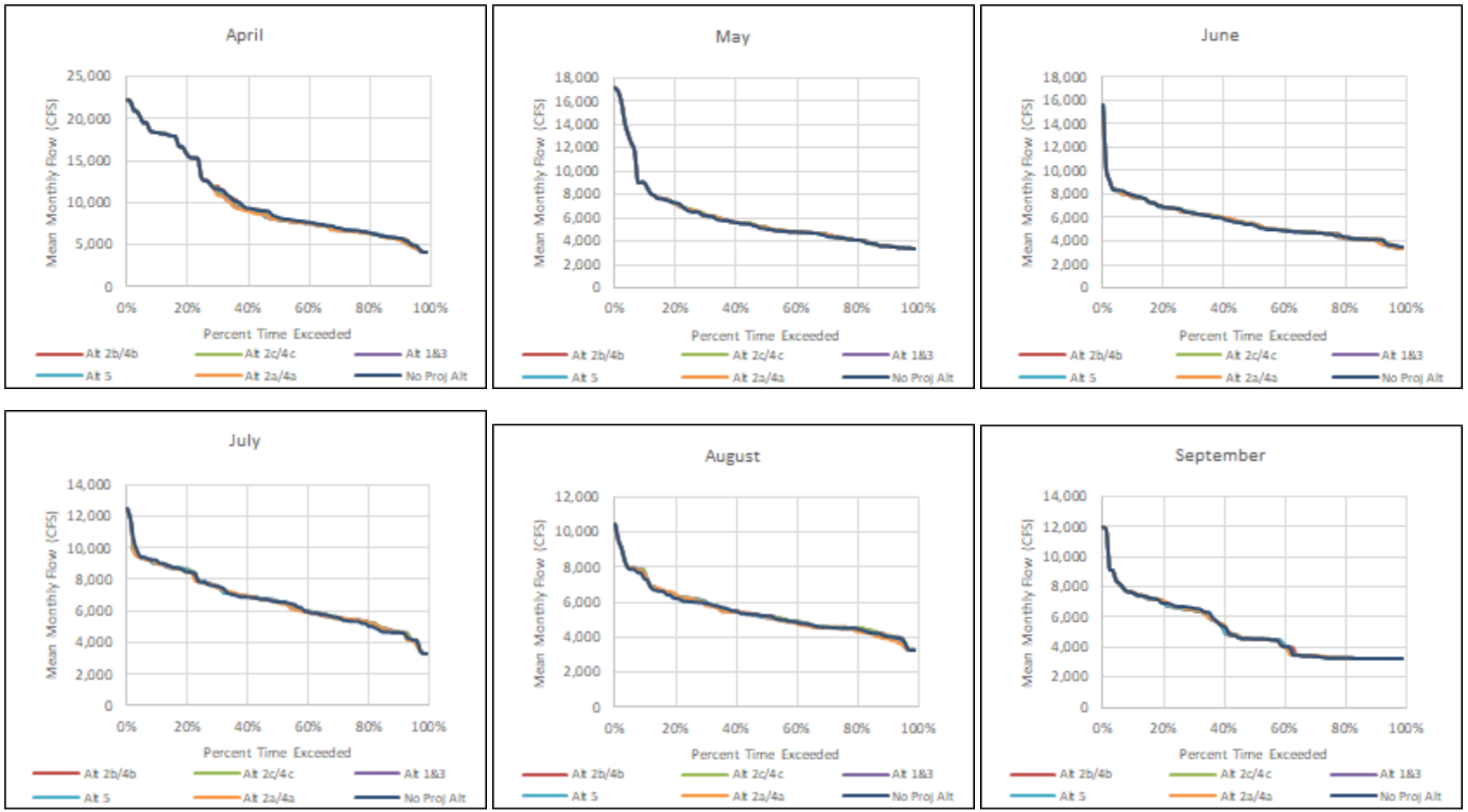


Table 5A-B5.2.5.1-A. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	7,106	8,997	19,823	22,706	22,412	21,071	18,262	8,838	7,917	9,172	7,333	7,635
20%	5,995	6,752	18,393	19,457	21,227	18,909	15,691	7,241	6,934	8,486	6,247	6,966
30%	5,684	6,325	15,752	18,305	19,940	18,333	11,583	6,171	6,387	7,591	5,966	6,628
40%	4,949	5,880	11,883	16,346	18,672	16,475	9,311	5,553	5,951	6,869	5,508	5,417
50%	4,560	5,554	8,551	11,794	16,944	14,197	8,270	5,001	5,406	6,582	5,231	4,578
60%	4,151	5,096	6,500	9,018	12,663	12,104	7,636	4,736	4,915	5,969	4,893	4,103
70%	3,742	4,738	5,174	7,531	11,375	10,354	6,950	4,440	4,730	5,599	4,575	3,424
80%	3,372	4,241	4,753	6,183	9,372	8,607	6,474	4,057	4,422	5,130	4,511	3,294
90%	3,315	3,834	4,059	5,449	7,245	6,604	5,780	3,522	4,147	4,629	4,078	3,265

Table 5A-B5.2.5.1-B. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4,986	6,267	10,828	13,443	15,737	14,376	10,371	5,949	5,779	6,707	5,466	5,224
Wet Water Years	5,426	7,986	16,247	19,768	20,336	18,550	14,159	7,318	5,489	7,640	6,320	7,178
Above Normal Water Years	5,428	6,728	12,019	15,893	18,185	17,290	9,705	6,617	5,998	7,161	5,781	6,532
Below Normal Water Years	4,914	5,621	7,876	10,706	13,913	12,280	9,266	5,537	5,644	6,540	5,038	4,143
Dry Water Years	4,482	4,938	6,930	8,157	12,790	11,741	7,401	4,907	5,878	5,400	4,611	3,369
Critical Water Years	4,192	4,148	5,973	6,307	8,642	8,331	6,310	3,789	6,590	5,686	4,810	3,372

Table 5A-B5.2.5.1-C. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	7,099	8,962	19,822	22,693	22,412	21,071	18,262	8,837	7,904	9,018	7,595	7,644
20%	5,985	6,755	18,415	19,457	21,227	18,909	15,691	7,174	6,927	8,543	6,342	7,004
30%	5,660	6,220	15,750	18,314	19,938	18,333	11,923	6,108	6,458	7,502	6,040	6,531
40%	5,031	5,825	11,798	16,339	18,712	16,454	9,270	5,543	5,966	6,922	5,495	5,386
50%	4,612	5,541	8,551	11,795	16,969	14,202	8,005	5,160	5,434	6,564	5,212	4,573
60%	4,142	5,093	6,612	9,015	12,431	12,105	7,617	4,729	4,944	5,975	4,905	4,103
70%	3,521	4,637	5,175	7,531	11,206	10,293	6,896	4,508	4,742	5,607	4,553	3,451
80%	3,372	4,166	4,767	6,289	8,177	8,545	6,436	4,057	4,346	5,308	4,515	3,294
90%	3,315	3,834	4,109	5,641	7,306	6,694	5,779	3,532	4,136	4,657	4,132	3,265

Table 5A-B5.2.5.1-D. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4,963	6,222	10,848	13,455	15,627	14,386	10,335	5,965	5,781	6,721	5,489	5,217
Wet Water Years	5,377	7,940	16,278	19,767	20,335	18,554	14,161	7,340	5,490	7,629	6,342	7,149
Above Normal Water Years	5,400	6,653	12,062	15,892	18,201	17,297	9,642	6,615	6,003	7,230	5,900	6,503
Below Normal Water Years	4,899	5,567	7,908	10,697	13,845	12,279	9,159	5,542	5,633	6,575	5,050	4,168
Dry Water Years	4,434	4,880	6,943	8,162	12,295	11,790	7,336	4,940	5,873	5,359	4,625	3,370
Critical Water Years	4,252	4,157	5,930	6,423	8,502	8,336	6,380	3,810	6,628	5,744	4,795	3,372

Table 5A-B5.2.5.1-E. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-7	-36	-1	-13	0	0	0	-1	-13	-154	262	9
20%	-10	3	22	0	0	1	0	-67	-7	57	95	38
30%	-24	-105	-2	9	-2	0	340	-63	71	-89	74	-97
40%	82	-55	-86	-6	39	-21	-41	-10	15	53	-14	-31
50%	52	-13	0	0	25	5	-265	159	28	-18	-19	-6
60%	-9	-3	112	-3	-231	1	-19	-7	28	6	12	0
70%	-220	-101	1	0	-170	-61	-53	69	13	9	-22	27
80%	0	-75	14	106	-1,195	-62	-38	0	-76	178	3	0
90%	0	0	50	192	61	89	-1	11	-11	28	55	0

Table 5A-B5.2.5.1-F. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-23	-46	20	12	-109	9	-36	16	2	14	23	-6
Wet Water Years	-49	-45	31	-1	-2	4	2	21	1	-11	23	-30
Above Normal Water Years	-29	-74	43	-1	16	6	-63	-3	5	68	119	-29
Below Normal Water Years	-15	-54	32	-10	-68	-2	-107	4	-11	35	12	25
Dry Water Years	-47	-57	13	5	-496	49	-65	33	-6	-42	14	1
Critical Water Years	60	8	-43	116	-140	5	71	21	38	58	-15	0

Table 5A-B5.2.5.2-A. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	7,099	8,968	19,822	22,679	22,412	21,071	18,262	8,837	7,768	9,032	7,685	7,645
20%	5,975	6,755	18,415	19,457	21,227	18,909	15,692	7,174	6,926	8,663	6,407	7,042
30%	5,650	6,227	15,750	18,335	19,938	18,333	11,566	6,224	6,455	7,502	6,041	6,494
40%	5,031	5,825	11,793	16,339	18,712	16,454	9,237	5,540	5,969	6,928	5,446	5,316
50%	4,560	5,541	8,552	11,795	16,969	14,202	8,037	5,164	5,434	6,568	5,196	4,573
60%	4,187	5,093	6,613	9,017	12,483	12,106	7,617	4,736	4,943	5,976	4,908	4,104
70%	3,521	4,689	5,175	7,532	11,206	10,290	6,893	4,508	4,742	5,562	4,557	3,445
80%	3,372	4,287	4,802	6,299	8,290	8,545	6,432	4,054	4,346	5,297	4,515	3,294
90%	3,315	3,834	4,109	5,642	7,307	6,656	5,718	3,532	4,129	4,644	4,068	3,265

Table 5A-B5.2.5.2-B. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4,964	6,236	10,865	13,462	15,646	14,379	10,301	5,976	5,775	6,721	5,495	5,203
Wet Water Years	5,379	7,931	16,277	19,766	20,343	18,552	14,158	7,340	5,492	7,615	6,331	7,143
Above Normal Water Years	5,407	6,665	12,064	15,893	18,204	17,297	9,663	6,609	5,998	7,232	5,903	6,490
Below Normal Water Years	4,891	5,562	7,927	10,708	13,860	12,278	9,167	5,539	5,628	6,612	5,076	4,126
Dry Water Years	4,469	4,923	6,978	8,178	12,284	11,792	7,106	5,025	5,869	5,337	4,648	3,370
Critical Water Years	4,226	4,245	5,982	6,432	8,606	8,284	6,352	3,813	6,598	5,727	4,787	3,372

Table 5A-B5.2.5.2-C. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-7	-30	-1	-27	0	0	0	-1	-149	-141	352	10
20%	-20	2	21	0	0	1	0	-67	-8	177	160	77
30%	-34	-98	-2	30	-1	0	-17	53	68	-88	75	-135
40%	82	-56	-90	-7	40	-21	-74	-13	19	59	-63	-100
50%	0	-12	1	0	25	5	-233	164	28	-14	-35	-6
60%	36	-3	113	-1	-179	2	-19	0	28	7	15	1
70%	-220	-49	1	1	-169	-64	-57	69	13	-36	-18	21
80%	0	45	49	116	-1,082	-62	-42	-3	-76	167	3	0
90%	0	0	49	193	62	52	-62	11	-18	15	-10	0

Table 5A-B5.2.5.2-D. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-23	-32	37	19	-90	2	-70	28	-4	14	29	-21
Wet Water Years	-47	-55	30	-2	6	2	0	21	3	-25	12	-35
Above Normal Water Years	-22	-63	45	-1	19	6	-42	-9	0	71	123	-41
Below Normal Water Years	-23	-59	51	1	-52	-2	-99	2	-15	72	38	-17
Dry Water Years	-12	-14	48	20	-506	51	-295	118	-9	-63	37	1
Critical Water Years	35	96	9	125	-36	-47	42	23	8	42	-23	0

Table 5A-B5.2.5.3-A. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	7,100	8,968	19,823	22,714	22,412	21,071	18,262	8,840	7,752	9,003	7,557	7,642
20%	5,976	6,754	18,415	19,457	21,227	18,998	15,692	7,174	6,866	8,566	6,394	7,042
30%	5,659	6,276	15,788	18,335	19,940	18,333	11,543	6,155	6,448	7,503	6,039	6,498
40%	5,020	5,825	11,763	16,315	18,675	16,473	9,110	5,540	5,984	6,913	5,469	5,298
50%	4,612	5,542	8,547	11,795	16,969	14,206	7,967	5,101	5,468	6,635	5,139	4,573
60%	4,106	5,093	6,612	9,017	12,466	12,107	7,555	4,736	4,944	5,975	4,906	4,300
70%	3,540	4,687	5,220	7,530	11,206	10,356	6,737	4,585	4,733	5,561	4,557	3,425
80%	3,403	4,284	4,824	6,287	8,178	8,545	6,427	4,057	4,285	5,313	4,460	3,294
90%	3,315	3,834	4,109	5,642	7,246	6,663	5,770	3,547	4,095	4,644	4,023	3,265

Table 5A-B5.2.5.3-B. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4,964	6,247	10,870	13,464	15,619	14,394	10,234	5,972	5,751	6,704	5,464	5,201
Wet Water Years	5,371	7,948	16,276	19,770	20,340	18,561	14,162	7,339	5,491	7,625	6,332	7,127
Above Normal Water Years	5,522	6,731	12,106	15,890	18,204	17,297	9,664	6,609	5,996	7,231	5,902	6,489
Below Normal Water Years	4,870	5,562	7,935	10,710	13,861	12,295	8,991	5,522	5,621	6,597	5,069	4,143
Dry Water Years	4,462	4,923	7,024	8,181	12,288	11,797	7,014	5,028	5,803	5,356	4,565	3,370
Critical Water Years	4,218	4,233	5,922	6,432	8,396	8,336	6,310	3,814	6,503	5,578	4,649	3,371

Table 5A-B5.2.5.3-C. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-5	-30	0	8	0	0	0	2	-165	-169	224	6
20%	-20	1	21	0	0	89	1	-67	-68	80	147	77
30%	-25	-49	36	30	0	0	-40	-16	61	-88	74	-130
40%	71	-55	-120	-31	3	-2	-201	-13	33	44	-39	-119
50%	51	-12	-3	1	25	9	-303	100	62	53	-93	-6
60%	-45	-3	112	-1	-197	3	-82	0	28	6	13	198
70%	-202	-51	46	-1	-169	3	-213	145	3	-38	-18	1
80%	31	42	71	104	-1,194	-62	-47	0	-137	183	-52	0
90%	0	0	50	193	2	59	-10	25	-52	15	-54	0

Table 5A-B5.2.5.3-D. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-22	-21	43	21	-117	18	-136	23	-28	-3	-3	-22
Wet Water Years	-55	-38	30	2	4	11	4	21	2	-16	12	-51
Above Normal Water Years	93	3	87	-3	19	7	-41	-9	-3	70	121	-43
Below Normal Water Years	-44	-59	60	3	-52	14	-275	-16	-23	58	32	0
Dry Water Years	-20	-14	93	24	-502	56	-387	122	-76	-45	-47	1
Critical Water Years	26	85	-51	125	-246	5	1	25	-87	-107	-161	0

Table 5A-B5.2.5.4-A. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	7,108	8,981	19,819	22,716	22,411	21,071	18,262	8,814	7,765	9,005	7,547	7,675
20%	6,008	6,753	18,403	19,457	21,227	19,017	15,695	7,148	6,911	8,467	6,499	7,127
30%	5,712	6,220	15,794	18,335	19,946	18,334	10,929	6,205	6,310	7,493	5,861	6,527
40%	5,027	5,868	11,817	16,316	18,718	16,489	9,005	5,562	6,002	6,955	5,457	5,560
50%	4,607	5,541	8,549	11,799	16,970	14,207	7,965	5,113	5,463	6,563	5,187	4,567
60%	4,087	5,096	6,575	9,017	12,466	12,110	7,548	4,751	4,915	5,921	4,836	4,101
70%	3,519	4,684	5,220	7,531	11,219	10,047	6,705	4,585	4,733	5,540	4,554	3,451
80%	3,406	4,322	4,822	6,314	8,179	8,226	6,342	4,058	4,314	5,316	4,430	3,301
90%	3,326	3,834	4,109	5,641	7,248	6,656	5,625	3,543	4,098	4,642	3,949	3,265

Table 5A-B5.2.5.4-B. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4,962	6,264	10,845	13,468	15,623	14,353	10,184	5,984	5,755	6,689	5,455	5,211
Wet Water Years	5,338	7,910	16,229	19,769	20,341	18,565	14,161	7,336	5,490	7,623	6,334	7,150
Above Normal Water Years	5,527	6,801	12,100	15,893	18,203	17,297	9,582	6,607	5,979	7,207	5,977	6,541
Below Normal Water Years	4,896	5,589	7,906	10,706	13,868	12,282	8,898	5,505	5,624	6,574	5,116	4,125
Dry Water Years	4,466	5,000	7,030	8,192	12,289	11,534	6,888	5,151	5,831	5,367	4,408	3,380
Critical Water Years	4,227	4,272	5,918	6,465	8,407	8,334	6,327	3,808	6,514	5,522	4,603	3,371

Table 5A-B5.2.5.4-C. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2	-17	-4	10	-1	0	0	-24	-152	-167	214	40
20%	12	1	10	0	0	109	3	-93	-23	-19	252	162
30%	28	-105	42	30	6	0	-654	34	-77	-97	-104	-101
40%	78	-12	-67	-29	46	14	-307	9	51	86	-52	143
50%	47	-12	-2	4	26	9	-305	113	57	-19	-44	-11
60%	-65	0	75	-1	-197	6	-88	15	0	-48	-57	-1
70%	-223	-54	46	0	-157	-307	-245	145	3	-59	-21	27
80%	34	81	69	131	-1,193	-381	-131	0	-108	186	-82	7
90%	11	0	49	192	3	51	-155	22	-49	13	-128	0

Table 5A-B5.2.5.4-D. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-24	-3	18	25	-114	-24	-187	35	-24	-18	-11	-12
Wet Water Years	-88	-75	-18	1	5	16	3	18	1	-17	14	-28
Above Normal Water Years	98	73	81	0	18	7	-124	-10	-20	45	196	9
Below Normal Water Years	-19	-32	30	-1	-44	1	-368	-33	-20	35	79	-18
Dry Water Years	-16	62	100	35	-501	-207	-513	244	-47	-34	-203	11
Critical Water Years	35	124	-54	158	-235	3	17	19	-76	-163	-208	-1

Table 5A-B5.2.5.5-A. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	7,101	8,967	19,823	22,714	22,412	21,071	18,262	8,840	7,752	9,003	7,558	7,642
20%	5,976	6,753	18,415	19,457	21,227	18,998	15,692	7,174	6,866	8,571	6,395	7,043
30%	5,661	6,276	15,788	18,335	19,940	18,333	11,543	6,155	6,448	7,503	6,039	6,497
40%	5,020	5,825	11,763	16,315	18,675	16,473	9,110	5,540	5,984	6,901	5,468	5,298
50%	4,612	5,542	8,547	11,795	16,969	14,206	7,966	5,101	5,468	6,635	5,143	4,573
60%	4,106	5,093	6,607	9,017	12,466	12,107	7,555	4,736	4,944	5,975	4,906	4,301
70%	3,540	4,686	5,220	7,530	11,206	10,356	6,737	4,585	4,733	5,561	4,557	3,425
80%	3,403	4,286	4,824	6,287	8,178	8,545	6,427	4,057	4,285	5,313	4,460	3,294
90%	3,315	3,834	4,108	5,642	7,246	6,664	5,770	3,547	4,095	4,644	4,025	3,265

Table 5A-B5.2.5.5-B. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4,964	6,247	10,870	13,464	15,619	14,394	10,234	5,972	5,750	6,703	5,464	5,201
Wet Water Years	5,371	7,948	16,276	19,770	20,340	18,561	14,162	7,339	5,491	7,624	6,333	7,127
Above Normal Water Years	5,522	6,731	12,106	15,890	18,204	17,297	9,664	6,609	5,996	7,232	5,902	6,489
Below Normal Water Years	4,870	5,564	7,933	10,710	13,861	12,295	8,992	5,522	5,618	6,596	5,070	4,143
Dry Water Years	4,462	4,923	7,024	8,181	12,288	11,796	7,014	5,028	5,803	5,356	4,564	3,370
Critical Water Years	4,218	4,233	5,922	6,431	8,396	8,337	6,310	3,814	6,503	5,579	4,649	3,372

Table 5A-B5.2.5.5-C. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-5	-30	0	8	0	0	0	2	-165	-169	226	7
20%	-20	1	22	0	0	89	1	-67	-68	85	148	78
30%	-23	-49	36	30	0	0	-40	-17	61	-88	74	-132
40%	71	-55	-120	-31	3	-2	-201	-13	33	32	-41	-119
50%	51	-12	-3	1	25	9	-304	100	62	53	-88	-6
60%	-45	-3	107	-1	-197	3	-82	0	28	6	13	198
70%	-202	-52	46	-1	-169	3	-213	145	3	-38	-18	1
80%	31	44	71	104	-1,195	-62	-46	0	-137	183	-52	0
90%	0	0	49	193	2	59	-10	25	-52	15	-53	0

Table 5A-B5.2.5.5-D. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-22	-20	42	21	-117	17	-136	23	-29	-4	-2	-22
Wet Water Years	-55	-38	30	2	4	11	4	21	2	-16	13	-51
Above Normal Water Years	93	3	87	-3	19	6	-41	-9	-3	71	121	-42
Below Normal Water Years	-44	-57	57	3	-52	14	-274	-16	-26	56	33	-1
Dry Water Years	-20	-14	93	24	-502	55	-387	122	-75	-45	-47	1
Critical Water Years	26	85	-51	124	-246	5	1	24	-87	-107	-161	0

B.2.6 Sacramento River at Verona

Figure 5A-B5.2.6.1-A. Sacramento River at Verona Monthly Flow (C_SAC081), Probability of Exceedance for No Project Alternatives, October to March

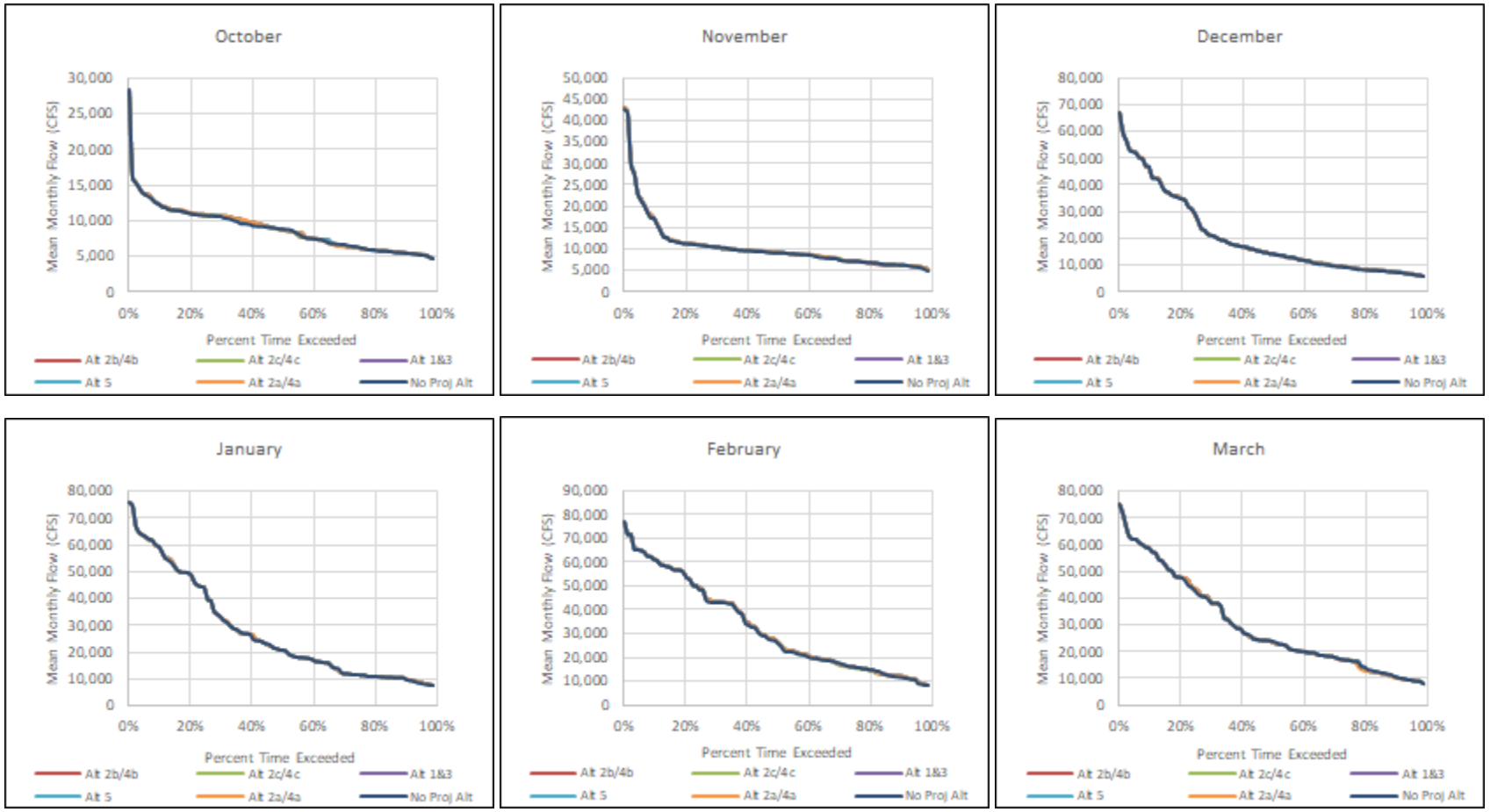


Figure 5A-B5.2.6.1-B. Sacramento River at Verona Monthly Flow (C_SAC081), Probability of Exceedance for No Project Alternatives, April to September

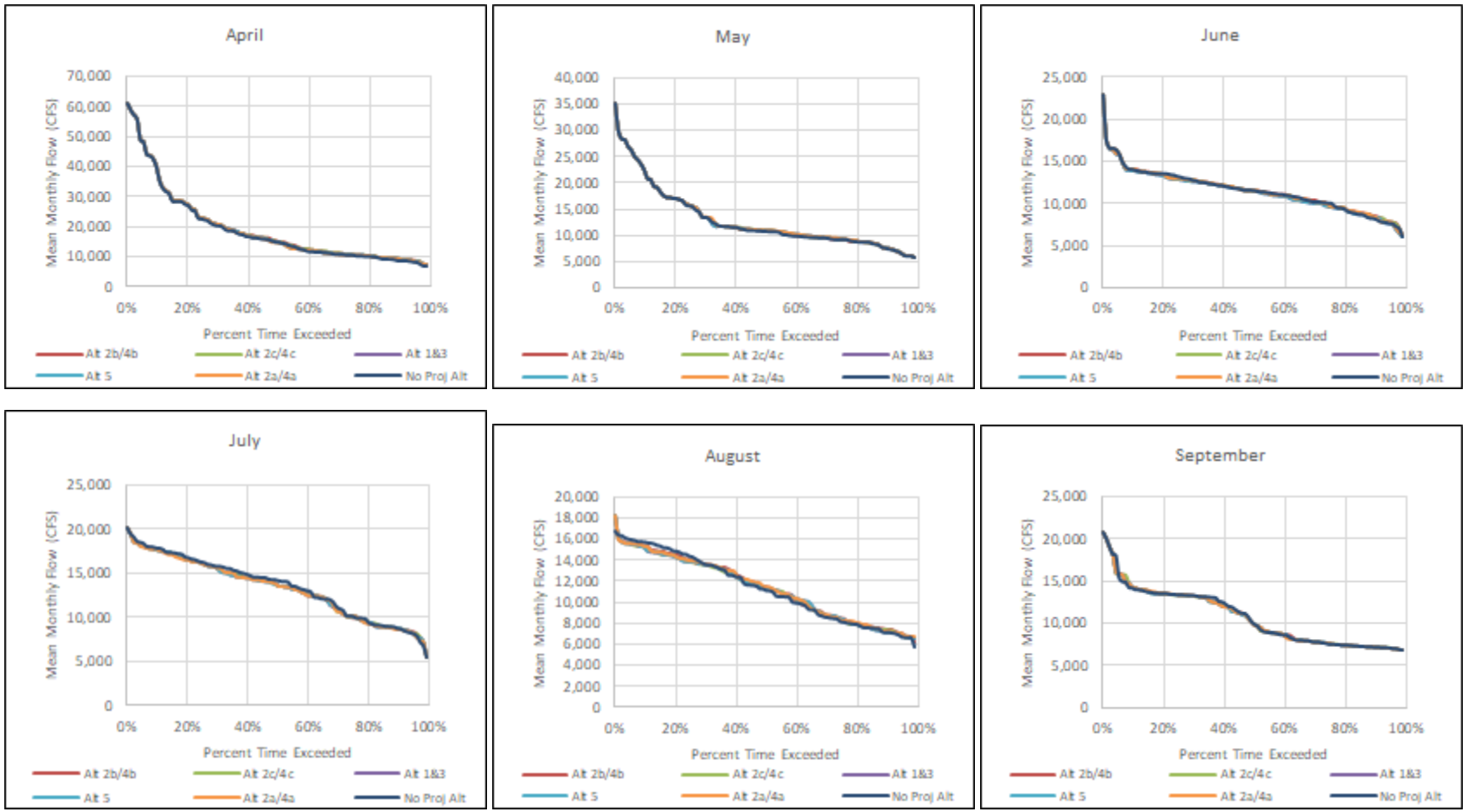


Table 5A-B5.2.6.1-A. Sacramento River at Verona Monthly Flow (C_SAC081), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12,208	16,919	45,404	58,897	61,049	58,137	38,865	22,026	13,987	17,901	15,637	14,093
20%	10,998	11,376	34,774	49,130	54,482	47,542	27,420	17,096	13,501	16,838	14,806	13,474
30%	10,579	10,613	21,013	33,281	43,215	38,209	20,569	13,520	12,724	15,851	13,571	13,268
40%	9,389	9,768	16,800	26,413	34,405	28,045	16,973	11,581	12,089	14,921	12,435	12,439
50%	8,776	9,240	14,052	20,958	26,749	23,723	15,209	10,835	11,531	14,254	11,170	9,983
60%	7,467	8,761	11,737	17,550	20,771	19,936	12,156	9,940	11,030	13,095	9,957	8,541
70%	6,642	7,863	9,456	12,405	18,100	17,950	11,028	9,593	10,199	11,240	8,607	7,710
80%	5,855	7,012	8,081	11,052	15,350	14,094	10,343	8,905	9,411	9,716	7,947	7,340
90%	5,447	6,407	7,251	10,587	12,079	10,717	9,070	7,710	8,235	8,849	7,188	7,111

Table 5A-B5.2.6.1-B. Sacramento River at Verona Monthly Flow (C_SAC081), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8,895	10,753	20,174	27,844	32,736	29,614	19,478	12,995	11,549	13,560	11,298	10,732
Wet Water Years	9,960	14,296	32,826	46,191	49,553	44,763	30,379	17,079	12,030	16,035	14,497	14,325
Above Normal Water Years	9,690	11,009	19,313	32,526	40,804	38,317	17,124	14,650	13,483	15,656	12,668	12,698
Below Normal Water Years	8,729	9,477	13,797	17,927	24,324	20,932	15,025	11,534	11,291	13,810	10,185	8,951
Dry Water Years	7,987	7,952	11,127	14,246	20,082	19,173	12,264	10,003	11,201	10,005	8,007	7,376
Critical Water Years	6,785	6,847	10,401	11,227	13,430	12,419	9,334	7,175	9,738	8,788	7,727	7,153

Table 5A-B5.2.6.1-C. Sacramento River at Verona Monthly Flow (C_SAC081), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12,219	16,890	45,145	58,824	61,044	58,278	38,862	22,027	14,032	17,673	15,328	14,230
20%	10,904	11,417	35,018	49,119	54,476	47,542	27,422	17,096	13,437	16,599	14,526	13,453
30%	10,608	10,598	21,012	33,303	43,224	38,281	20,621	13,520	12,697	15,618	13,591	13,179
40%	9,805	9,752	16,800	26,465	34,748	28,040	16,970	11,628	12,033	14,600	12,743	12,210
50%	8,780	9,224	14,052	20,950	26,811	23,450	15,017	10,999	11,504	13,756	11,436	9,964
60%	7,459	8,700	11,739	17,559	20,801	19,835	12,385	10,101	10,993	12,836	10,235	8,624
70%	6,408	7,866	9,667	12,400	17,333	17,956	11,025	9,622	10,330	10,948	8,828	7,784
80%	5,876	6,822	8,217	11,070	14,867	13,676	10,209	8,844	9,431	9,586	7,961	7,343
90%	5,496	6,351	7,338	10,589	12,076	10,560	9,258	7,696	8,476	8,811	7,429	7,146

Table 5A-B5.2.6.1-D. Sacramento River at Verona Monthly Flow (C_SAC081), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8,922	10,729	20,247	27,863	32,606	29,603	19,457	13,034	11,557	13,394	11,352	10,723
Wet Water Years	9,879	14,219	32,897	46,207	49,546	44,777	30,393	17,116	12,248	15,696	14,364	14,324
Above Normal Water Years	9,910	10,962	19,399	32,515	40,773	38,331	17,067	14,642	13,489	15,263	13,150	12,687
Below Normal Water Years	8,831	9,460	13,957	17,908	24,239	20,948	14,936	11,589	11,274	13,742	10,238	8,912
Dry Water Years	7,926	8,013	11,137	14,275	19,498	19,028	12,171	10,074	10,824	10,043	8,271	7,392
Critical Water Years	6,909	6,877	10,357	11,352	13,315	12,424	9,472	7,189	9,677	8,819	7,726	7,155

Table 5A-B5.2.6.1-E. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	11	-30	-259	-73	-5	141	-2	1	45	-227	-309	136
20%	-94	42	243	-11	-6	0	2	0	-64	-239	-279	-21
30%	28	-14	-1	22	9	72	52	0	-28	-233	20	-90
40%	415	-16	0	52	343	-5	-3	47	-55	-320	308	-228
50%	4	-16	0	-8	63	-274	-192	163	-27	-498	265	-19
60%	-7	-61	2	9	31	-102	229	161	-37	-260	278	83
70%	-234	3	211	-5	-767	6	-3	29	132	-292	222	74
80%	21	-190	136	18	-482	-418	-135	-61	20	-130	14	3
90%	49	-56	87	2	-3	-157	188	-14	241	-38	240	35

Table 5A-B5.2.6.1-F. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	27	-23	73	20	-130	-11	-21	40	8	-166	53	-9
Wet Water Years	-80	-76	71	16	-7	13	14	37	218	-339	-133	-1
Above Normal Water Years	220	-48	86	-10	-31	14	-56	-8	6	-393	482	-10
Below Normal Water Years	101	-17	161	-19	-85	15	-89	55	-17	-68	53	-39
Dry Water Years	-61	61	10	28	-583	-144	-93	71	-377	39	264	15
Critical Water Years	124	30	-45	126	-115	5	139	14	-61	31	-1	2

Table 5A-B5.2.6.2-A. Sacramento River at Verona Monthly Flow (C_SAC081), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12,220	16,891	45,068	58,824	61,043	58,279	38,863	22,026	14,005	17,657	15,204	14,229
20%	11,074	11,418	35,056	49,064	54,438	47,543	27,424	17,097	13,491	16,602	14,398	13,453
30%	10,624	10,600	21,012	33,304	43,224	38,277	20,601	13,520	12,763	15,617	13,589	13,177
40%	9,733	9,751	16,811	26,684	34,433	28,039	16,972	11,632	12,144	14,597	12,689	12,164
50%	8,746	9,266	14,055	20,947	26,812	23,450	14,849	11,037	11,503	13,689	11,458	9,965
60%	7,496	8,713	11,745	17,558	20,922	19,835	12,372	10,239	10,963	12,732	10,433	8,642
70%	6,469	7,954	10,001	12,403	17,346	17,959	11,046	9,629	10,191	10,782	8,829	7,785
80%	5,870	6,977	8,217	11,072	14,878	13,676	10,232	8,946	9,481	9,632	7,960	7,343
90%	5,495	6,352	7,338	10,595	12,076	10,563	9,259	7,695	8,455	8,888	7,450	7,146

Table 5A-B5.2.6.2-B. Sacramento River at Verona Monthly Flow (C_SAC081), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8,954	10,754	20,261	27,875	32,614	29,593	19,408	13,059	11,555	13,384	11,344	10,711
Wet Water Years	9,913	14,213	32,876	46,201	49,554	44,762	30,389	17,116	12,265	15,676	14,261	14,311
Above Normal Water Years	10,056	10,998	19,405	32,483	40,779	38,332	17,100	14,634	13,480	15,302	13,092	12,672
Below Normal Water Years	8,847	9,454	13,971	17,917	24,253	20,937	14,936	11,581	11,267	13,717	10,342	8,885
Dry Water Years	7,941	8,047	11,170	14,360	19,435	19,031	11,849	10,237	10,794	10,069	8,330	7,396
Critical Water Years	6,905	7,034	10,444	11,365	13,393	12,402	9,453	7,214	9,667	8,792	7,696	7,164

Table 5A-B5.2.6.2-C. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	-28	-336	-73	-6	142	-1	0	18	-244	-434	136
20%	77	43	282	-66	-44	0	5	1	-10	-236	-407	-21
30%	45	-12	-1	23	9	68	32	0	39	-233	18	-91
40%	343	-17	12	270	28	-5	-2	51	56	-324	254	-275
50%	-30	26	3	-11	63	-273	-360	202	-29	-565	288	-18
60%	29	-49	8	8	152	-102	216	299	-67	-363	476	101
70%	-174	91	545	-2	-754	8	18	36	-8	-459	223	76
80%	15	-35	136	20	-472	-418	-111	41	71	-84	14	3
90%	48	-55	86	8	-4	-153	188	-15	220	40	262	35

Table 5A-B5.2.6.2-D. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	59	1	87	31	-123	-21	-70	64	6	-175	45	-21
Wet Water Years	-47	-83	50	10	1	-2	10	37	235	-359	-236	-14
Above Normal Water Years	365	-11	92	-43	-25	16	-24	-17	-3	-354	424	-26
Below Normal Water Years	117	-23	175	-10	-71	4	-88	47	-24	-93	157	-65
Dry Water Years	-46	95	43	114	-647	-142	-415	234	-407	64	323	20
Critical Water Years	120	187	42	138	-37	-17	120	39	-70	4	-31	11

Table 5A-B5.2.6.3-A. Sacramento River at Verona Monthly Flow (C_SAC081), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12,220	16,898	45,087	58,824	61,044	58,279	38,863	22,027	13,959	17,657	15,202	14,229
20%	11,025	11,417	35,029	49,067	54,399	47,543	27,425	17,098	13,342	16,635	14,372	13,493
30%	10,645	10,510	21,010	33,311	43,223	38,277	20,740	13,516	12,677	15,617	13,627	13,195
40%	9,735	9,745	16,812	26,698	34,430	28,039	16,876	11,610	12,145	14,516	12,664	11,964
50%	8,753	9,268	14,047	20,957	26,810	23,451	14,639	11,018	11,504	13,736	11,467	9,950
60%	7,497	8,706	11,744	17,558	20,922	19,835	11,951	10,265	10,953	12,601	10,462	8,651
70%	6,394	7,840	9,647	12,405	17,345	17,971	10,763	9,649	10,138	11,211	8,780	7,823
80%	5,842	6,977	8,297	11,073	14,881	13,677	10,209	9,128	9,447	9,470	7,960	7,338
90%	5,495	6,351	7,339	10,576	12,056	10,531	9,256	7,692	8,466	8,843	7,264	7,147

Table 5A-B5.2.6.3-B. Sacramento River at Verona Monthly Flow (C_SAC081), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8,961	10,762	20,265	27,883	32,595	29,612	19,295	13,063	11,507	13,354	11,353	10,710
Wet Water Years	9,922	14,232	32,876	46,213	49,555	44,814	30,398	17,116	12,224	15,687	14,291	14,292
Above Normal Water Years	10,167	11,074	19,431	32,477	40,775	38,333	17,103	14,635	13,475	15,303	13,083	12,671
Below Normal Water Years	8,822	9,446	13,979	17,925	24,260	20,932	14,752	11,602	11,247	13,634	10,349	8,905
Dry Water Years	7,946	8,048	11,215	14,364	19,437	19,024	11,609	10,239	10,714	10,117	8,406	7,410
Critical Water Years	6,896	7,001	10,387	11,379	13,233	12,423	9,214	7,199	9,548	8,650	7,588	7,153

Table 5A-B5.2.6.3-C. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	-21	-317	-73	-5	142	-1	1	-27	-244	-435	136
20%	28	41	255	-63	-83	0	5	2	-159	-203	-434	19
30%	66	-103	-3	30	9	68	172	-4	-47	-234	56	-74
40%	345	-24	12	284	25	-5	-97	29	56	-405	229	-474
50%	-23	28	-5	-1	61	-273	-570	183	-27	-517	297	-33
60%	30	-55	6	8	151	-101	-205	325	-77	-495	504	110
70%	-248	-22	191	0	-755	21	-265	56	-60	-29	173	113
80%	-13	-35	216	21	-469	-417	-134	223	36	-246	14	-2
90%	48	-56	88	-11	-24	-186	185	-18	231	-5	76	36

Table 5A-B5.2.6.3-D. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	66	9	91	39	-141	-2	-184	68	-42	-205	55	-22
Wet Water Years	-37	-64	50	21	2	50	18	37	194	-348	-206	-33
Above Normal Water Years	477	64	119	-49	-29	16	-21	-15	-7	-353	415	-27
Below Normal Water Years	93	-31	183	-2	-64	0	-272	67	-44	-175	165	-46
Dry Water Years	-41	97	88	118	-645	-149	-654	236	-487	113	399	34
Critical Water Years	110	154	-14	152	-197	4	-120	24	-190	-138	-139	0

Table 5A-B5.2.6.4-A. Sacramento River at Verona Monthly Flow (C_SAC081), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12,226	16,905	45,087	58,823	61,045	58,280	38,864	22,028	14,025	17,752	15,328	14,232
20%	11,105	11,416	35,034	49,101	54,407	47,735	27,414	17,102	13,420	16,586	14,390	13,518
30%	10,638	10,499	21,009	33,326	43,224	38,277	20,774	13,585	12,695	15,668	13,631	13,262
40%	9,797	9,768	16,794	26,774	34,430	28,044	16,895	11,607	12,100	14,514	12,810	11,956
50%	8,722	9,312	14,049	20,970	26,815	23,457	14,610	11,017	11,473	13,746	11,470	9,935
60%	7,509	8,754	11,744	17,552	20,920	19,835	11,945	10,295	10,952	12,590	10,376	8,654
70%	6,337	7,849	9,570	12,402	17,348	17,975	10,604	9,686	10,184	10,805	8,738	7,725
80%	5,871	7,023	8,288	11,075	14,878	12,826	10,179	9,146	9,438	9,406	8,055	7,385
90%	5,493	6,351	7,332	10,580	12,063	10,171	9,185	7,671	8,462	8,732	7,178	7,148

Table 5A-B5.2.6.4-B. Sacramento River at Verona Monthly Flow (C_SAC081), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8,961	10,778	20,251	27,896	32,605	29,573	19,254	13,090	11,518	13,349	11,339	10,718
Wet Water Years	9,897	14,193	32,866	46,206	49,551	44,835	30,396	17,113	12,200	15,686	14,328	14,306
Above Normal Water Years	10,170	11,148	19,386	32,488	40,779	38,334	17,046	14,636	13,463	15,282	13,104	12,727
Below Normal Water Years	8,861	9,479	13,966	17,937	24,294	20,947	14,664	11,591	11,271	13,669	10,347	8,891
Dry Water Years	7,943	8,092	11,219	14,403	19,441	18,690	11,525	10,453	10,768	10,078	8,257	7,418
Critical Water Years	6,881	7,056	10,367	11,416	13,237	12,421	9,231	7,194	9,592	8,593	7,540	7,152

Table 5A-B5.2.6.4-C. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	19	-15	-317	-74	-4	143	0	2	38	-149	-310	139
20%	108	40	259	-29	-75	193	-6	6	-81	-252	-416	44
30%	59	-114	-4	45	9	68	205	66	-29	-183	61	-6
40%	408	0	-5	360	25	-1	-78	26	11	-407	375	-483
50%	-54	72	-3	12	66	-266	-600	182	-59	-508	299	-48
60%	42	-7	7	1	149	-102	-211	355	-78	-506	419	113
70%	-306	-14	114	-3	-753	25	-424	92	-14	-436	132	16
80%	16	10	207	23	-471	-1,268	-164	241	27	-310	109	45
90%	46	-56	81	-7	-17	-546	114	-40	227	-116	-10	37

Table 5A-B5.2.6.4-D. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	66	25	77	52	-131	-41	-224	96	-31	-211	41	-14
Wet Water Years	-62	-103	40	15	-2	71	17	34	170	-349	-169	-18
Above Normal Water Years	479	139	74	-37	-25	18	-78	-14	-19	-374	436	29
Below Normal Water Years	132	2	169	10	-30	14	-361	57	-20	-141	163	-60
Dry Water Years	-44	140	93	157	-641	-483	-738	450	-433	74	250	41
Critical Water Years	96	208	-34	189	-193	2	-103	19	-145	-195	-187	-1

Table 5A-B5.2.6.5-A. Sacramento River at Verona Monthly Flow (C_SAC081), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12,217	16,898	45,087	58,824	61,044	58,279	38,863	22,027	13,926	17,658	15,204	14,229
20%	11,026	11,417	35,035	49,067	54,399	47,543	27,424	17,098	13,342	16,634	14,377	13,493
30%	10,643	10,510	21,009	33,311	43,224	38,277	20,741	13,516	12,677	15,617	13,627	13,195
40%	9,735	9,744	16,812	26,692	34,430	28,039	16,876	11,611	12,145	14,516	12,657	11,964
50%	8,752	9,266	14,046	20,953	26,810	23,452	14,638	11,018	11,504	13,736	11,468	9,950
60%	7,497	8,715	11,746	17,558	20,922	19,835	11,951	10,265	10,953	12,617	10,461	8,651
70%	6,406	7,840	9,647	12,403	17,344	17,971	10,763	9,649	10,138	11,209	8,780	7,823
80%	5,842	6,974	8,298	11,073	14,880	13,677	10,209	9,127	9,447	9,471	7,960	7,338
90%	5,495	6,351	7,339	10,576	12,056	10,531	9,259	7,692	8,466	8,843	7,264	7,147

Table 5A-B5.2.6.5-B. Sacramento River at Verona Monthly Flow (C_SAC081), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8,961	10,763	20,268	27,882	32,593	29,612	19,295	13,063	11,506	13,354	11,357	10,708
Wet Water Years	9,922	14,233	32,877	46,211	49,554	44,814	30,398	17,116	12,223	15,691	14,302	14,285
Above Normal Water Years	10,167	11,075	19,432	32,477	40,775	38,333	17,103	14,635	13,475	15,302	13,081	12,671
Below Normal Water Years	8,822	9,449	13,988	17,925	24,253	20,932	14,753	11,602	11,244	13,626	10,349	8,904
Dry Water Years	7,948	8,047	11,215	14,364	19,437	19,023	11,609	10,239	10,714	10,117	8,406	7,410
Critical Water Years	6,895	7,001	10,387	11,378	13,233	12,423	9,214	7,198	9,548	8,650	7,588	7,153

Table 5A-B5.2.6.5-C. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9	-22	-317	-73	-5	142	-1	1	-61	-242	-434	136
20%	28	41	261	-63	-83	0	5	2	-159	-204	-429	20
30%	64	-103	-4	30	9	68	172	-4	-47	-234	56	-74
40%	345	-24	12	278	25	-6	-97	30	56	-405	222	-475
50%	-25	27	-6	-5	61	-272	-572	183	-27	-517	298	-33
60%	30	-46	8	8	151	-101	-205	325	-77	-479	504	110
70%	-236	-23	192	-3	-756	21	-265	56	-60	-32	174	113
80%	-13	-38	217	21	-470	-417	-134	222	36	-245	14	-2
90%	48	-56	88	-11	-24	-186	188	-18	231	-6	76	36

Table 5A-B5.2.6.5-D. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	66	10	94	38	-143	-3	-184	68	-43	-206	59	-24
Wet Water Years	-37	-63	52	19	1	50	18	37	193	-344	-195	-39
Above Normal Water Years	476	65	119	-49	-29	16	-21	-15	-7	-354	414	-27
Below Normal Water Years	92	-29	191	-2	-71	-1	-272	67	-47	-184	165	-46
Dry Water Years	-40	96	88	118	-645	-149	-654	236	-487	113	399	34
Critical Water Years	110	154	-14	152	-197	4	-120	23	-190	-138	-139	0

B.2.7 Sacramento River near Freeport

Figure 5A-B5.2.7.1-A. Sacramento River near Freeport Monthly Flow (C_SAC049), Probability of Exceedance for No Project Alternatives, October to March

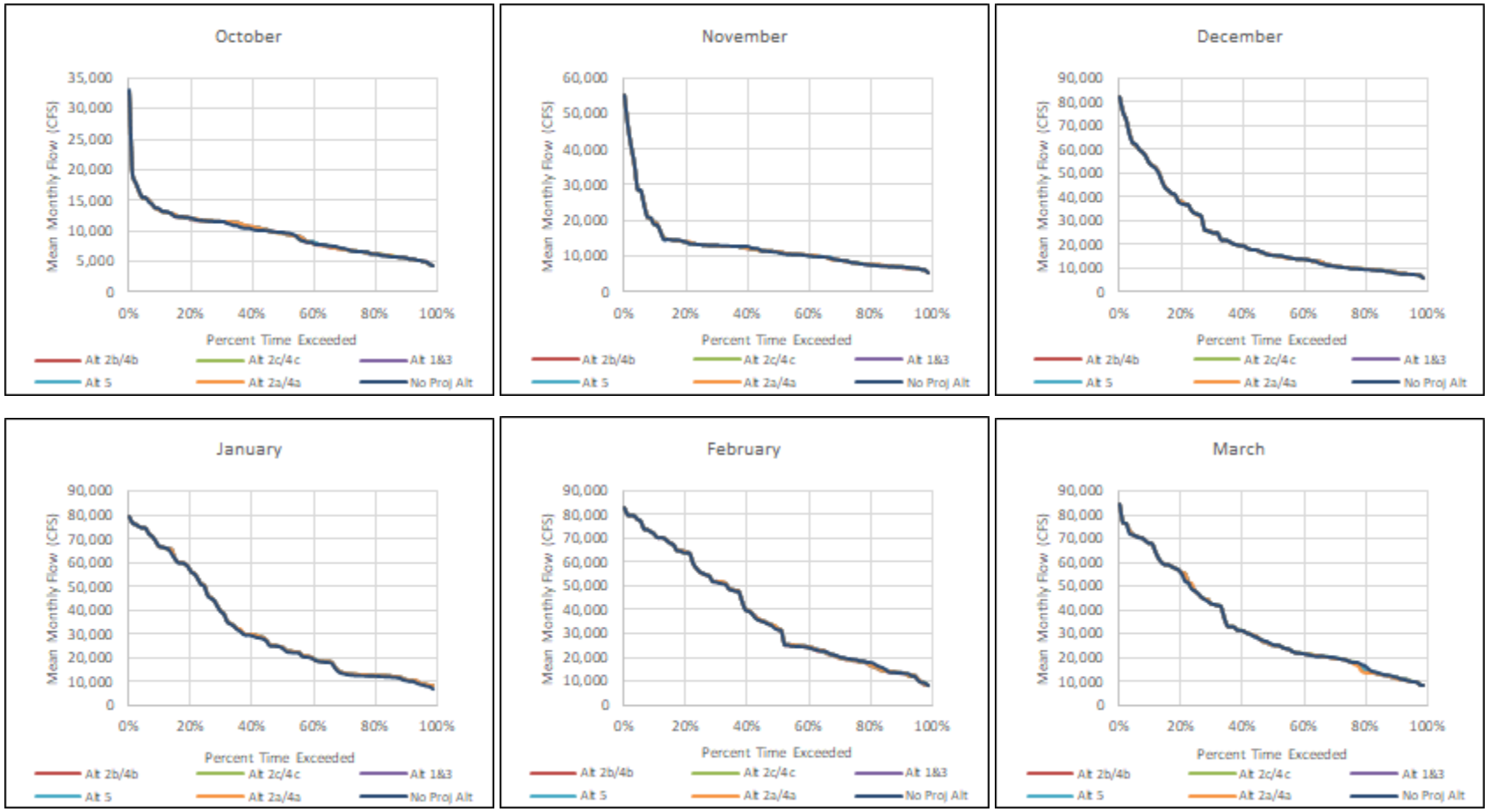


Figure 5A-B5.2.7.1-B. Sacramento River near Freeport Monthly Flow (C_SAC049), Probability of Exceedance for No Project Alternatives, April to September

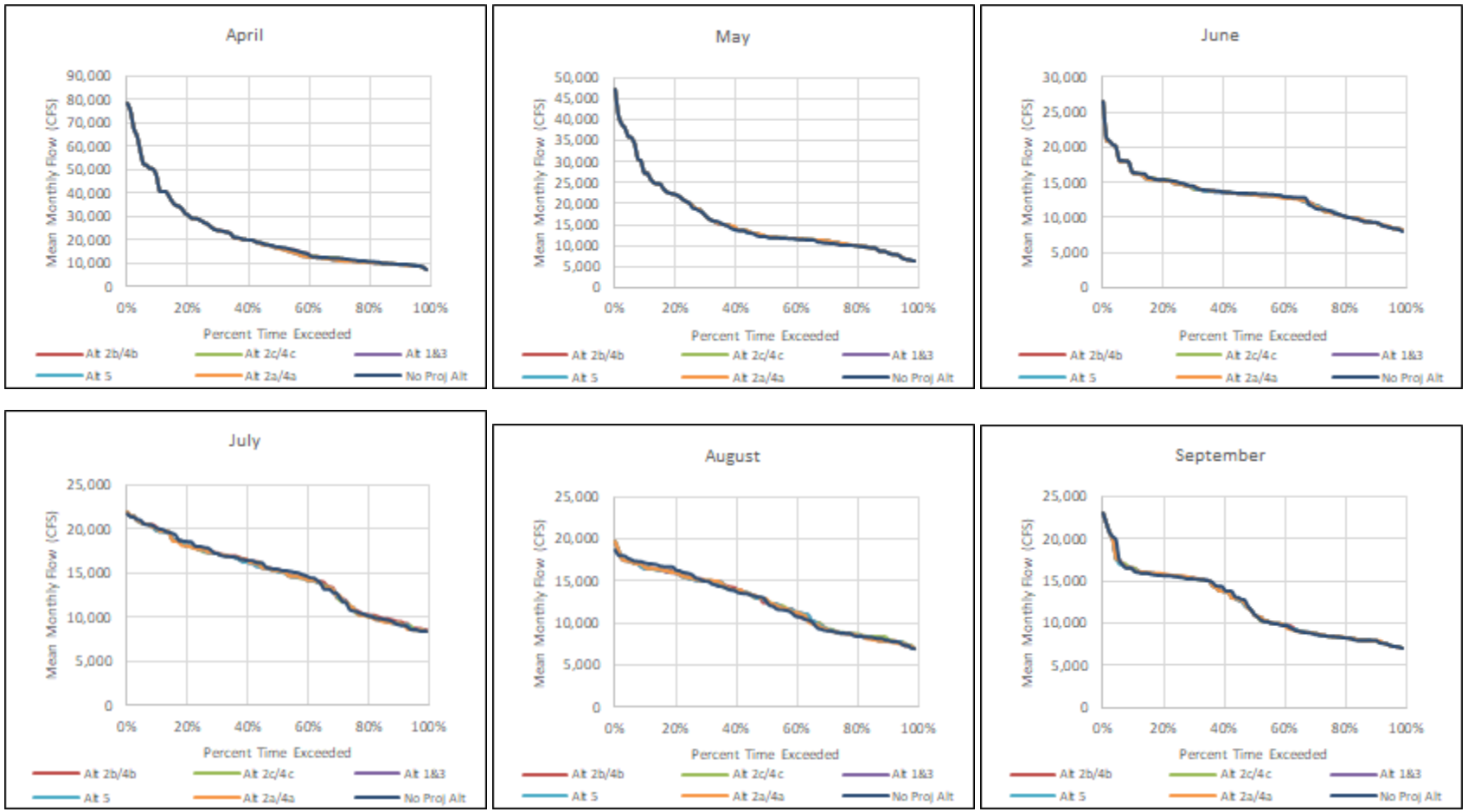


Table 5A-B5.2.7.1-A. Sacramento River near Freeport Monthly Flow (C_SAC049), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13,598	19,001	54,020	67,225	71,536	68,023	45,975	27,379	16,494	20,166	17,164	16,326
20%	12,215	14,110	37,572	57,237	64,008	56,069	31,120	22,195	15,395	18,668	16,440	15,604
30%	11,569	13,127	25,244	40,072	51,770	42,920	24,502	17,197	14,512	17,320	14,978	15,199
40%	10,430	12,829	19,609	29,843	40,030	31,632	20,443	13,802	13,689	16,512	13,863	14,200
50%	9,838	11,249	15,620	24,795	32,095	25,974	17,455	12,095	13,422	15,525	12,790	11,268
60%	8,169	10,303	13,968	20,283	24,580	22,006	14,571	11,579	13,054	14,725	10,880	9,695
70%	7,265	9,095	11,164	13,924	20,939	20,442	12,537	10,581	11,622	12,765	9,098	8,725
80%	6,339	7,737	9,757	12,763	18,204	17,185	11,285	9,951	10,325	10,276	8,463	8,244
90%	5,773	7,084	8,320	11,327	13,801	12,417	10,084	8,548	9,362	9,299	7,995	7,894

Table 5A-B5.2.7.1-B. Sacramento River near Freeport Monthly Flow (C_SAC049), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	9,793	12,970	23,876	32,244	38,269	33,740	22,895	15,906	13,386	15,010	12,452	12,140
Wet Water Years	11,106	17,542	39,085	53,927	58,117	51,253	36,222	22,405	14,651	17,983	16,153	16,335
Above Normal Water Years	10,745	13,222	23,111	38,251	47,479	43,719	20,522	17,751	15,647	17,480	14,072	14,719
Below Normal Water Years	9,488	11,281	16,389	20,492	29,031	23,721	17,558	13,571	13,046	15,312	11,229	10,121
Dry Water Years	8,634	9,392	12,855	16,188	22,731	21,746	13,565	10,810	12,465	10,834	8,761	8,253
Critical Water Years	7,484	8,040	11,705	12,306	14,923	13,792	10,470	7,652	10,021	9,202	8,015	7,580

Table 5A-B5.2.7.1-C. Sacramento River near Freeport Monthly Flow (C_SAC049), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13,563	19,066	54,086	67,050	71,537	68,024	45,973	27,380	16,494	20,056	16,653	16,509
20%	12,022	14,152	38,168	57,139	63,996	56,070	31,117	22,193	15,434	18,091	16,071	15,715
30%	11,584	13,078	25,239	40,073	51,965	42,960	24,513	17,196	14,200	17,224	15,093	15,345
40%	10,794	12,312	19,606	29,858	40,030	31,634	20,444	14,058	13,697	16,460	14,173	13,810
50%	9,813	11,380	15,833	24,695	32,586	25,663	17,405	12,224	13,387	15,338	12,422	11,244
60%	8,174	10,379	13,977	20,278	24,459	22,009	14,736	11,643	13,003	14,296	11,354	9,789
70%	7,183	9,150	11,235	13,922	20,273	20,121	12,552	10,769	12,062	12,191	9,435	8,807
80%	6,377	7,735	9,856	12,759	17,527	16,035	10,999	9,980	10,325	10,253	8,586	8,290
90%	5,773	7,089	8,436	11,323	13,748	12,129	10,161	8,524	9,375	9,465	8,181	7,889

Table 5A-B5.2.7.1-D. Sacramento River near Freeport Monthly Flow (C_SAC049), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	9,822	12,957	23,957	32,264	38,116	33,708	22,875	15,983	13,388	14,871	12,478	12,129
Wet Water Years	11,019	17,466	39,164	53,939	58,110	51,302	36,238	22,444	14,848	17,707	15,989	16,321
Above Normal Water Years	10,963	13,272	23,179	38,246	47,450	43,738	20,449	17,743	15,673	17,147	14,518	14,703
Below Normal Water Years	9,602	11,257	16,550	20,478	28,921	23,759	17,474	13,635	13,036	15,231	11,243	10,083
Dry Water Years	8,575	9,451	12,861	16,218	22,016	21,333	13,496	11,123	12,081	10,889	9,008	8,287
Critical Water Years	7,607	8,094	11,715	12,431	14,841	13,798	10,587	7,650	9,946	9,234	8,015	7,587

Table 5A-B5.2.7.1-E. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-35	64	66	-175	1	1	-2	1	0	-111	-511	183
20%	-193	42	596	-98	-12	1	-3	-2	39	-577	-369	111
30%	14	-49	-5	1	195	40	11	-1	-312	-96	115	146
40%	364	-517	-3	15	0	2	1	256	9	-52	310	-390
50%	-25	130	214	-100	491	-311	-50	129	-35	-188	-368	-24
60%	5	75	9	-4	-121	3	165	64	-52	-429	474	94
70%	-83	55	70	-2	-665	-320	15	188	440	-575	337	82
80%	38	-2	99	-3	-676	-1,150	-286	28	0	-23	123	46
90%	0	5	116	-3	-53	-287	77	-24	13	166	186	-5

Table 5A-B5.2.7.1-F. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	28	-13	81	20	-153	-31	-20	77	2	-139	26	-11
Wet Water Years	-88	-75	79	11	-7	49	16	39	197	-275	-165	-13
Above Normal Water Years	218	50	68	-4	-29	18	-73	-8	25	-333	446	-16
Below Normal Water Years	114	-24	162	-14	-110	37	-84	63	-11	-81	14	-38
Dry Water Years	-59	59	6	30	-715	-413	-69	313	-384	55	248	34
Critical Water Years	122	53	10	125	-82	6	118	-2	-76	32	1	6

Table 5A-B5.2.7.2-A. Sacramento River near Freeport Monthly Flow (C_SAC049), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13,489	19,064	54,093	67,055	71,537	68,025	45,974	27,380	16,470	19,789	16,608	16,508
20%	12,176	14,154	38,165	57,137	63,998	56,090	31,048	22,193	15,433	18,091	16,019	15,715
30%	11,622	13,078	25,240	40,073	51,966	42,961	24,511	17,196	14,181	17,224	15,043	15,272
40%	10,740	12,316	19,605	29,925	40,030	31,634	20,445	14,062	13,717	16,413	13,930	13,759
50%	9,799	11,380	15,633	24,696	32,589	25,601	17,199	12,211	13,388	15,307	12,820	11,245
60%	8,331	10,372	13,980	20,283	24,463	22,009	13,778	11,637	13,042	14,291	11,342	9,808
70%	7,183	9,106	11,236	13,926	20,275	20,124	12,693	11,194	11,907	12,448	9,435	8,825
80%	6,380	7,845	9,898	12,760	17,542	16,035	11,013	9,977	10,325	10,253	8,687	8,289
90%	5,773	7,194	8,757	11,325	13,762	12,140	10,057	8,523	9,372	9,428	8,336	7,893

Table 5A-B5.2.7.2-B. Sacramento River near Freeport Monthly Flow (C_SAC049), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	9,854	12,980	23,967	32,280	38,125	33,698	22,829	16,006	13,384	14,859	12,476	12,117
Wet Water Years	11,052	17,460	39,124	53,933	58,116	51,288	36,233	22,444	14,861	17,681	15,887	16,305
Above Normal Water Years	11,105	13,309	23,187	38,217	47,457	43,740	20,485	17,735	15,662	17,188	14,460	14,684
Below Normal Water Years	9,622	11,250	16,575	20,486	28,937	23,746	17,479	13,618	13,032	15,220	11,372	10,059
Dry Water Years	8,588	9,476	12,894	16,327	21,955	21,336	13,157	11,299	12,043	10,908	9,062	8,291
Critical Water Years	7,603	8,249	11,802	12,443	14,918	13,776	10,598	7,674	9,943	9,180	7,985	7,596

Table 5A-B5.2.7.2-C. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-109	63	73	-170	1	3	-1	0	-25	-377	-556	182
20%	-39	44	593	-101	-10	21	-72	-2	39	-576	-421	111
30%	53	-49	-4	1	196	41	9	-1	-331	-96	65	72
40%	310	-513	-4	82	0	2	2	260	28	-99	67	-441
50%	-39	131	13	-100	494	-373	-256	116	-34	-218	31	-23
60%	162	69	12	0	-116	3	-793	57	-12	-434	463	113
70%	-82	10	72	1	-664	-318	155	613	285	-317	337	101
80%	41	108	141	-3	-662	-1,150	-273	26	0	-23	224	45
90%	0	110	436	-2	-39	-277	-27	-25	10	129	341	-1

Table 5A-B5.2.7.2-D. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	61	10	91	35	-144	-42	-66	101	-2	-151	24	-23
Wet Water Years	-54	-81	40	6	0	35	11	39	210	-301	-266	-30
Above Normal Water Years	360	87	76	-33	-22	21	-37	-16	14	-293	388	-35
Below Normal Water Years	134	-31	186	-6	-94	25	-80	47	-15	-92	143	-62
Dry Water Years	-46	84	39	139	-776	-410	-408	489	-422	74	301	39
Critical Water Years	119	209	97	137	-5	-16	129	22	-78	-22	-30	15

Table 5A-B5.2.7.3-A. Sacramento River near Freeport Monthly Flow (C_SAC049), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13,490	19,694	54,077	67,063	71,537	68,025	45,974	27,379	16,469	19,785	16,519	16,343
20%	12,113	14,154	38,170	57,262	64,291	56,070	31,121	22,196	15,332	18,105	15,978	15,714
30%	11,628	13,077	25,676	40,075	51,943	42,942	24,527	17,196	14,423	17,224	15,044	15,281
40%	10,737	12,382	19,606	29,927	40,036	31,635	20,448	13,793	13,671	16,256	13,924	13,759
50%	9,832	11,372	15,736	24,698	32,240	25,586	16,962	12,065	13,388	15,277	12,772	11,231
60%	8,328	10,364	13,981	20,286	24,469	22,009	13,256	11,631	13,051	14,300	11,378	9,819
70%	7,182	9,093	11,236	13,924	20,277	20,170	11,852	11,233	11,849	12,521	9,432	8,826
80%	6,342	7,783	9,865	12,762	17,546	16,036	10,931	9,989	10,324	10,286	8,726	8,272
90%	5,773	7,138	8,755	11,325	13,549	12,065	9,965	8,521	9,372	9,414	7,918	7,889

Table 5A-B5.2.7.3-B. Sacramento River near Freeport Monthly Flow (C_SAC049), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	9,857	12,988	23,979	32,299	38,112	33,713	22,661	16,009	13,357	14,837	12,487	12,120
Wet Water Years	11,058	17,478	39,122	53,949	58,118	51,337	36,242	22,445	14,819	17,694	15,913	16,296
Above Normal Water Years	11,215	13,371	23,304	38,209	47,453	43,741	20,488	17,736	15,656	17,186	14,451	14,682
Below Normal Water Years	9,589	11,248	16,584	20,499	28,943	23,734	17,264	13,627	12,992	15,141	11,392	10,077
Dry Water Years	8,585	9,478	12,939	16,382	21,992	21,329	12,808	11,296	12,030	10,957	9,124	8,305
Critical Water Years	7,600	8,217	11,746	12,463	14,759	13,797	10,129	7,679	9,955	9,083	7,885	7,592

Table 5A-B5.2.7.3-C. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-108	693	58	-162	1	3	-1	0	-26	-382	-645	17
20%	-102	44	598	24	283	2	0	1	-63	-563	-462	110
30%	58	-50	432	3	173	22	25	-1	-90	-96	66	81
40%	308	-447	-3	84	5	3	5	-9	-18	-256	61	-441
50%	-5	123	116	-97	146	-388	-493	-30	-34	-248	-18	-36
60%	159	61	13	3	-111	4	-1,315	52	-4	-425	498	124
70%	-83	-2	72	0	-662	-272	-685	653	227	-244	334	101
80%	2	46	108	-1	-658	-1,149	-355	38	0	10	263	27
90%	0	54	435	-1	-252	-351	-119	-27	11	115	-77	-5

Table 5A-B5.2.7.3-D. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	64	18	103	55	-157	-26	-234	103	-29	-173	35	-20
Wet Water Years	-48	-63	37	22	2	84	20	40	168	-289	-240	-39
Above Normal Water Years	470	149	193	-41	-26	22	-34	-15	9	-295	379	-37
Below Normal Water Years	102	-33	195	7	-88	12	-294	55	-55	-171	163	-44
Dry Water Years	-49	86	84	194	-739	-417	-757	486	-435	123	363	52
Critical Water Years	115	177	41	157	-164	5	-341	26	-66	-118	-130	12

Table 5A-B5.2.7.4-A. Sacramento River near Freeport Monthly Flow (C_SAC049), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13,484	19,518	54,073	67,063	71,537	68,026	45,975	27,381	16,463	19,954	16,660	16,344
20%	12,208	14,188	38,266	57,252	64,259	56,345	31,121	22,189	15,325	18,039	16,018	15,826
30%	11,625	13,082	25,631	40,078	51,890	42,871	24,530	17,189	14,492	17,221	15,090	15,326
40%	10,794	12,456	19,603	29,945	40,038	31,638	20,447	14,431	13,751	16,475	13,970	13,748
50%	9,801	11,343	15,734	24,703	32,531	25,595	16,915	12,227	13,331	15,310	12,950	11,215
60%	8,149	10,425	13,974	20,285	24,471	22,012	13,167	11,685	12,886	14,284	11,319	9,822
70%	7,124	9,100	11,237	13,925	20,279	20,144	11,669	11,231	11,827	12,595	9,370	8,801
80%	6,362	7,855	9,901	12,765	17,541	14,439	10,929	10,044	10,322	10,204	8,686	8,306
90%	5,773	7,155	8,757	11,325	13,634	11,993	9,947	8,501	9,377	9,436	7,918	7,886

Table 5A-B5.2.7.4-B. Sacramento River near Freeport Monthly Flow (C_SAC049), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	9,859	13,002	23,965	32,308	38,127	33,677	22,615	16,039	13,357	14,833	12,474	12,128
Wet Water Years	11,033	17,441	39,116	53,942	58,119	51,357	36,241	22,441	14,791	17,696	15,954	16,306
Above Normal Water Years	11,220	13,415	23,249	38,226	47,456	43,742	20,418	17,737	15,644	17,178	14,506	14,753
Below Normal Water Years	9,628	11,284	16,565	20,511	28,981	23,756	17,170	13,612	13,009	15,176	11,381	10,060
Dry Water Years	8,594	9,521	12,943	16,396	22,020	21,001	12,720	11,526	12,030	10,928	8,965	8,311
Critical Water Years	7,584	8,271	11,726	12,497	14,764	13,795	10,136	7,679	10,001	9,013	7,839	7,604

Table 5A-B5.2.7.4-C. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-114	517	53	-162	1	3	0	2	-32	-212	-504	18
20%	-7	78	694	15	251	277	0	-6	-70	-628	-422	222
30%	56	-45	387	6	120	-49	28	-8	-20	-99	113	127
40%	364	-373	-6	102	8	6	4	629	63	-37	107	-452
50%	-36	93	114	-93	436	-379	-540	132	-91	-216	160	-53
60%	-20	122	6	3	-108	6	-1,404	106	-168	-441	439	127
70%	-142	4	73	1	-660	-298	-869	651	205	-170	272	76
80%	23	118	144	2	-662	-2,745	-356	93	-2	-72	223	61
90%	0	71	437	-1	-167	-424	-137	-47	15	137	-77	-8

Table 5A-B5.2.7.4-D. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	65	33	89	63	-142	-63	-279	133	-29	-177	22	-12
Wet Water Years	-73	-101	31	15	2	104	19	36	140	-287	-200	-29
Above Normal Water Years	474	193	138	-24	-23	23	-105	-14	-4	-302	434	35
Below Normal Water Years	140	3	176	19	-50	34	-388	41	-38	-136	152	-61
Dry Water Years	-40	129	88	207	-711	-745	-845	716	-435	94	204	58
Critical Water Years	99	231	21	191	-159	3	-334	27	-20	-189	-176	24

Table 5A-B5.2.7.5-A. Sacramento River near Freeport Monthly Flow (C_SAC049), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13,490	19,696	54,079	67,063	71,537	68,025	45,974	27,379	16,468	19,785	16,519	16,343
20%	12,115	14,154	38,170	57,262	64,291	56,070	31,121	22,196	15,332	18,105	16,019	15,714
30%	11,625	13,077	25,677	40,075	51,784	42,942	24,527	17,196	14,423	17,224	15,044	15,283
40%	10,737	12,382	19,606	29,925	40,035	31,635	20,448	13,793	13,672	16,256	13,923	13,759
50%	9,831	11,371	15,733	24,690	32,240	25,586	16,962	12,065	13,388	15,244	12,770	11,231
60%	8,328	10,363	13,981	20,285	24,469	22,009	13,256	11,631	13,051	14,297	11,375	9,819
70%	7,184	9,093	11,236	13,924	20,277	20,170	11,853	11,233	11,849	12,521	9,431	8,826
80%	6,349	7,783	9,864	12,762	17,545	16,036	10,931	9,989	10,324	10,286	8,726	8,272
90%	5,773	7,137	8,755	11,325	13,550	12,066	9,965	8,521	9,372	9,414	7,918	7,889

Table 5A-B5.2.7.5-B. Sacramento River near Freeport Monthly Flow (C_SAC049), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	9,857	12,989	23,982	32,298	38,110	33,713	22,661	16,009	13,357	14,836	12,494	12,114
Wet Water Years	11,058	17,477	39,123	53,948	58,118	51,337	36,242	22,445	14,817	17,698	15,934	16,278
Above Normal Water Years	11,215	13,372	23,304	38,209	47,453	43,741	20,488	17,736	15,656	17,184	14,450	14,682
Below Normal Water Years	9,589	11,253	16,592	20,498	28,936	23,733	17,265	13,627	12,991	15,133	11,392	10,077
Dry Water Years	8,587	9,476	12,939	16,381	21,992	21,329	12,809	11,296	12,031	10,958	9,124	8,305
Critical Water Years	7,599	8,217	11,746	12,462	14,759	13,797	10,128	7,678	9,956	9,084	7,885	7,592

Table 5A-B5.2.7.5-C. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-108	695	59	-161	1	3	-1	0	-26	-382	-646	17
20%	-100	44	598	24	283	2	0	1	-63	-563	-421	110
30%	55	-50	433	3	14	22	25	-1	-90	-96	66	84
40%	307	-447	-3	82	5	3	5	-9	-17	-256	60	-441
50%	-7	121	113	-105	146	-388	-493	-30	-34	-281	-20	-37
60%	158	60	13	3	-110	4	-1,315	52	-4	-428	495	124
70%	-82	-2	72	0	-662	-272	-684	653	227	-244	333	101
80%	9	46	107	-1	-659	-1,149	-355	37	0	10	263	27
90%	0	53	435	-2	-251	-351	-119	-27	11	115	-77	-5

Table 5A-B5.2.7.5-D. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	64	19	106	53	-159	-27	-234	103	-29	-174	42	-26
Wet Water Years	-48	-65	39	20	2	84	20	40	166	-285	-219	-57
Above Normal Water Years	470	150	193	-42	-26	22	-34	-15	9	-296	378	-37
Below Normal Water Years	101	-28	203	6	-95	12	-294	55	-55	-179	163	-44
Dry Water Years	-47	85	84	193	-739	-417	-756	486	-434	124	363	52
Critical Water Years	115	177	41	156	-165	5	-341	26	-66	-118	-129	12

B.2.8 Sacramento River below Regional Wastewater Treatment Plant

Figure 5A-B5.2.8.1-A. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Probability of Exceedance for No Project Alternatives, October to March

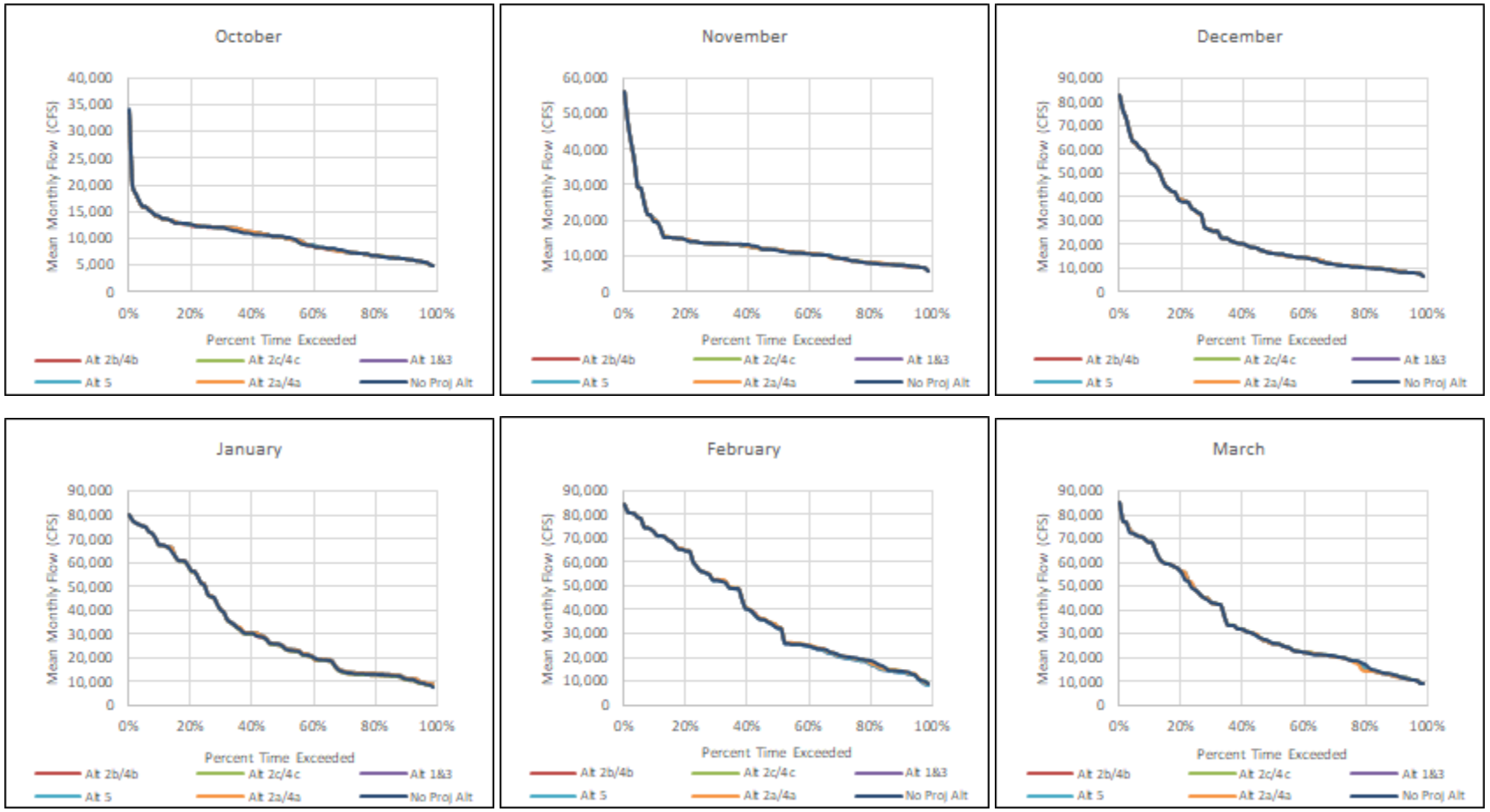


Figure 5A-B5.2.8.1-B. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Probability of Exceedance for No Project Alternatives, April to September

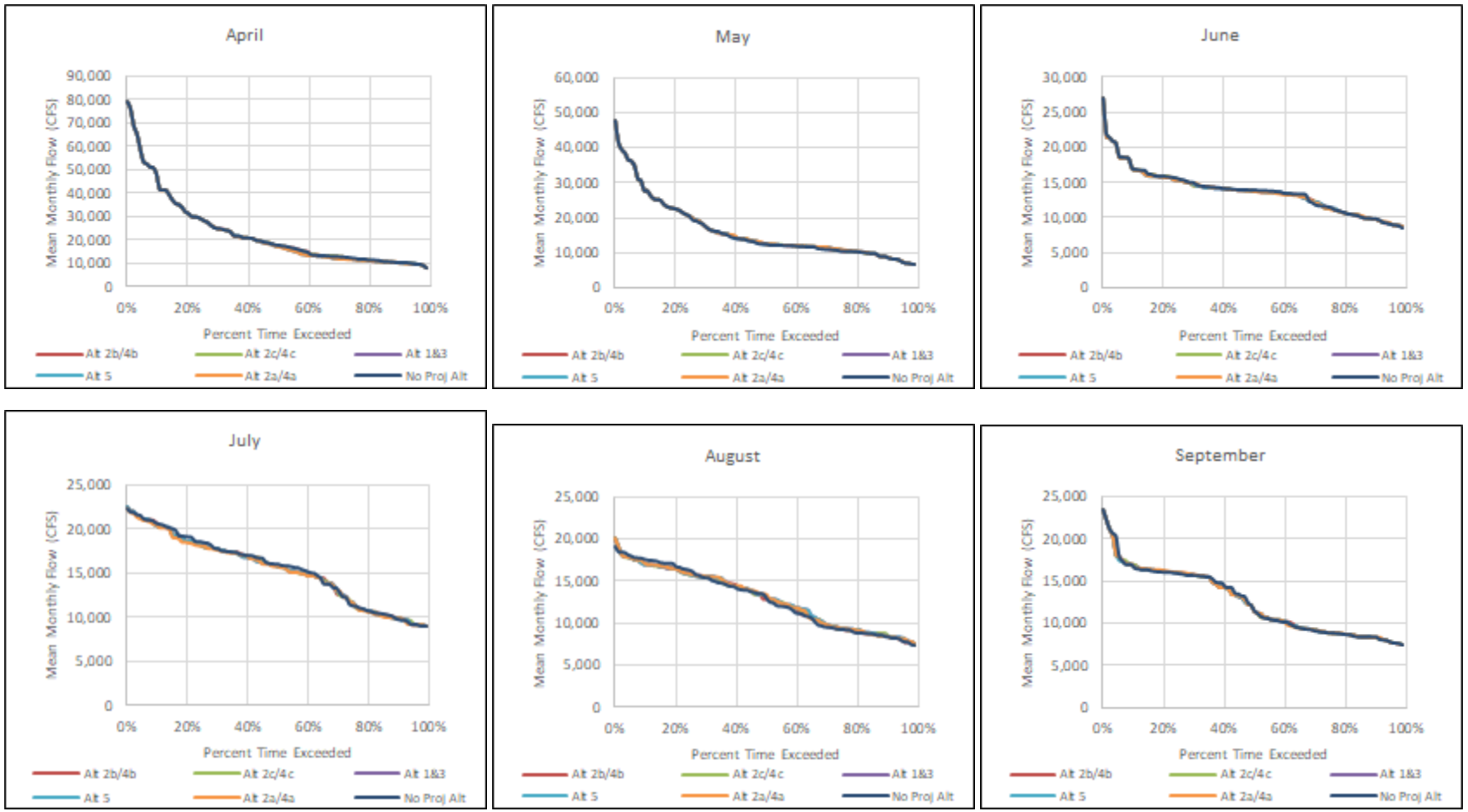


Table 5A-B5.2.8.1-A. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	14,104	19,701	54,768	67,901	72,247	68,598	46,493	27,862	16,992	20,649	17,646	16,822
20%	12,694	14,735	38,324	57,747	64,770	56,558	31,683	22,676	15,892	19,150	16,922	16,101
30%	12,050	13,623	25,764	40,606	52,500	43,409	25,026	17,690	15,010	17,802	15,460	15,696
40%	10,916	13,368	20,305	30,496	40,583	32,168	20,956	14,283	14,186	16,994	14,345	14,701
50%	10,382	11,774	16,207	25,520	32,697	26,480	17,976	12,576	13,919	16,008	13,271	11,830
60%	8,654	10,808	14,515	20,794	25,124	22,517	15,068	12,060	13,552	15,207	11,361	10,191
70%	7,835	9,590	11,727	14,558	21,516	20,982	13,041	11,061	12,119	13,247	9,580	9,221
80%	6,823	8,234	10,270	13,278	18,811	17,732	11,784	10,432	10,822	10,758	8,945	8,741
90%	6,252	7,585	8,836	11,854	14,357	12,970	10,583	9,029	9,859	9,782	8,477	8,391

Table 5A-B5.2.8.1-B. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10,292	13,527	24,506	32,890	38,948	34,297	23,430	16,390	13,883	15,493	12,934	12,640
Wet Water Years	11,621	18,139	39,803	54,679	58,841	51,853	36,786	22,891	15,148	18,467	16,635	16,833
Above Normal Water Years	11,250	13,771	23,723	38,934	48,206	44,257	21,026	18,233	16,145	17,963	14,554	15,215
Below Normal Water Years	9,976	11,830	16,978	21,092	29,684	24,256	18,087	14,055	13,544	15,794	11,711	10,627
Dry Water Years	9,117	9,914	13,421	16,742	23,371	22,273	14,090	11,292	12,962	11,316	9,243	8,749
Critical Water Years	7,974	8,550	12,274	12,838	15,542	14,327	10,974	8,139	10,519	9,684	8,497	8,077

Table 5A-B5.2.8.1-C. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	14,085	19,747	54,834	67,754	72,248	68,600	46,491	27,863	16,992	20,538	17,135	17,005
20%	12,501	14,777	38,932	57,648	64,758	56,622	31,679	22,674	15,931	18,573	16,553	16,212
30%	12,062	13,601	25,759	40,607	52,501	43,448	25,037	17,689	14,698	17,706	15,574	15,842
40%	11,289	12,912	20,301	30,559	40,583	32,167	20,957	14,539	14,195	16,942	14,655	14,351
50%	10,324	11,949	16,402	25,411	33,189	26,169	17,914	12,705	13,885	15,820	12,903	11,806
60%	8,659	10,885	14,524	20,790	25,003	22,520	15,233	12,124	13,500	14,778	11,835	10,285
70%	7,662	9,644	11,807	14,556	20,804	20,627	13,048	11,250	12,559	12,673	9,917	9,303
80%	6,857	8,231	10,353	13,274	18,137	16,543	11,528	10,460	10,822	10,735	9,067	8,787
90%	6,252	7,599	8,989	11,851	14,353	12,637	10,659	9,005	9,872	9,947	8,663	8,386

Table 5A-B5.2.8.1-D. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10,320	13,514	24,587	32,910	38,795	34,265	23,410	16,467	13,885	15,355	12,960	12,629
Wet Water Years	11,533	18,064	39,882	54,690	58,834	51,902	36,802	22,930	15,345	18,192	16,471	16,819
Above Normal Water Years	11,468	13,821	23,791	38,930	48,177	44,276	20,953	18,225	16,170	17,630	15,000	15,199
Below Normal Water Years	10,090	11,805	17,139	21,078	29,574	24,293	18,003	14,118	13,533	15,713	11,725	10,589
Dry Water Years	9,058	9,974	13,427	16,773	22,657	21,860	14,021	11,605	12,578	11,371	9,490	8,783
Critical Water Years	8,096	8,603	12,284	12,963	15,459	14,333	11,092	8,137	10,443	9,716	8,497	8,083

Table 5A-B5.2.8.1-E. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-19	46	66	-147	1	1	-2	1	0	-111	-511	183
20%	-193	42	608	-98	-12	64	-3	-2	39	-577	-369	111
30%	12	-22	-5	1	0	39	11	-1	-312	-96	114	146
40%	373	-456	-3	63	0	-1	1	256	9	-52	310	-350
50%	-58	175	194	-108	491	-311	-61	129	-35	-188	-368	-24
60%	5	77	9	-4	-121	3	165	64	-52	-429	474	94
70%	-173	55	79	-2	-711	-355	7	189	440	-574	337	82
80%	33	-2	83	-4	-674	-1,189	-256	28	0	-23	123	46
90%	0	15	153	-3	-4	-333	75	-24	13	165	187	-5

Table 5A-B5.2.8.1-F. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	28	-13	81	20	-153	-31	-20	77	2	-139	26	-11
Wet Water Years	-88	-75	79	11	-7	49	16	39	197	-275	-165	-13
Above Normal Water Years	218	50	68	-4	-29	18	-73	-8	25	-333	446	-16
Below Normal Water Years	114	-24	162	-14	-110	37	-84	63	-11	-81	14	-38
Dry Water Years	-59	59	6	30	-715	-413	-69	313	-384	55	248	34
Critical Water Years	122	53	10	125	-82	6	118	-2	-76	32	1	6

Table 5A-B5.2.8.2-A. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	14,011	19,745	54,841	67,756	72,248	68,601	46,492	27,862	16,968	20,272	17,090	17,005
20%	12,657	14,779	38,926	57,646	64,760	56,655	31,611	22,674	15,930	18,574	16,501	16,211
30%	12,104	13,602	25,760	40,607	52,501	43,449	25,035	17,690	14,678	17,706	15,525	15,768
40%	11,235	12,919	20,300	30,526	40,583	32,166	20,958	14,543	14,214	16,896	14,412	14,302
50%	10,309	11,950	16,231	25,412	33,192	26,165	17,710	12,692	13,886	15,789	13,302	11,807
60%	8,818	10,869	14,527	20,794	25,007	22,520	14,275	12,117	13,540	14,774	11,824	10,304
70%	7,662	9,600	11,808	14,560	20,806	20,629	13,188	11,675	12,404	12,931	9,916	9,322
80%	6,859	8,348	10,408	13,274	18,152	16,543	11,544	10,458	10,822	10,736	9,168	8,786
90%	6,252	7,720	9,299	11,852	14,350	12,648	10,560	9,004	9,869	9,911	8,817	8,390

Table 5A-B5.2.8.2-B. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10,353	13,537	24,597	32,925	38,803	34,255	23,363	16,491	13,881	15,342	12,958	12,616
Wet Water Years	11,566	18,058	39,843	54,685	58,841	51,888	36,796	22,930	15,358	18,166	16,369	16,803
Above Normal Water Years	11,610	13,858	23,799	38,901	48,184	44,279	20,989	18,216	16,159	17,670	14,942	15,180
Below Normal Water Years	10,110	11,799	17,164	21,086	29,590	24,281	18,008	14,101	13,529	15,702	11,854	10,565
Dry Water Years	9,071	9,998	13,460	16,881	22,595	21,863	13,682	11,781	12,540	11,390	9,544	8,788
Critical Water Years	8,092	8,759	12,371	12,975	15,537	14,311	11,103	8,160	10,441	9,662	8,467	8,092

Table 5A-B5.2.8.2-C. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-93	44	73	-145	1	3	-1	0	-25	-377	-556	182
20%	-37	44	601	-101	-10	96	-72	-2	38	-576	-421	110
30%	54	-22	-4	1	1	40	9	-1	-331	-96	65	72
40%	318	-449	-4	30	0	-2	2	260	28	-99	67	-399
50%	-73	175	23	-108	494	-316	-266	116	-33	-218	31	-23
60%	164	61	12	0	-116	3	-793	57	-12	-433	463	113
70%	-173	10	81	1	-710	-353	148	614	285	-317	337	101
80%	36	114	138	-4	-659	-1,189	-240	26	0	-22	224	45
90%	0	135	463	-2	-7	-322	-23	-25	10	129	341	-1

Table 5A-B5.2.8.2-D. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	61	10	91	35	-144	-42	-66	101	-2	-151	24	-23
Wet Water Years	-54	-81	40	6	0	35	11	39	210	-301	-266	-30
Above Normal Water Years	360	87	76	-33	-22	21	-37	-16	14	-293	388	-35
Below Normal Water Years	134	-31	186	-6	-94	25	-80	47	-15	-92	143	-62
Dry Water Years	-46	84	39	139	-776	-410	-408	489	-422	74	301	39
Critical Water Years	119	209	97	137	-5	-16	129	22	-78	-22	-30	15

Table 5A-B5.2.8.3-A. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	14,012	20,433	54,825	67,759	72,248	68,601	46,492	27,862	16,966	20,267	17,001	16,840
20%	12,595	14,779	38,930	57,771	64,854	56,560	31,683	22,677	15,829	18,587	16,460	16,210
30%	12,119	13,601	26,232	40,608	52,497	43,430	25,052	17,690	14,920	17,706	15,526	15,777
40%	11,232	12,976	20,302	30,519	40,588	32,166	20,961	14,274	14,168	16,738	14,406	14,301
50%	10,343	11,942	16,343	25,414	32,843	26,150	17,459	12,546	13,886	15,760	13,254	11,793
60%	8,815	10,860	14,528	20,797	25,013	22,520	13,752	12,112	13,548	14,783	11,860	10,316
70%	7,661	9,588	11,808	14,558	20,808	20,675	12,349	11,715	12,346	13,004	9,914	9,322
80%	6,826	8,295	10,360	13,276	18,155	16,544	11,428	10,470	10,821	10,769	9,208	8,768
90%	6,252	7,671	9,298	11,853	14,097	12,573	10,471	9,002	9,870	9,897	8,400	8,385

Table 5A-B5.2.8.3-B. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10,356	13,545	24,609	32,945	38,791	34,270	23,196	16,494	13,855	15,320	12,969	12,620
Wet Water Years	11,572	18,076	39,840	54,701	58,843	51,937	36,806	22,931	15,316	18,178	16,395	16,793
Above Normal Water Years	11,720	13,920	23,916	38,893	48,180	44,279	20,992	18,218	16,153	17,668	14,933	15,178
Below Normal Water Years	10,078	11,796	17,172	21,099	29,596	24,268	17,793	14,110	13,489	15,624	11,874	10,583
Dry Water Years	9,068	10,000	13,505	16,937	22,633	21,857	13,333	11,777	12,528	11,440	9,606	8,802
Critical Water Years	8,089	8,727	12,315	12,995	15,378	14,332	10,633	8,165	10,453	9,566	8,367	8,089

Table 5A-B5.2.8.3-C. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-92	732	58	-142	1	3	-1	0	-26	-381	-645	17
20%	-99	44	606	24	83	2	0	1	-63	-563	-462	109
30%	68	-22	468	3	-3	21	25	-1	-90	-96	66	81
40%	316	-392	-3	23	5	-2	5	-9	-18	-256	61	-400
50%	-39	168	136	-106	146	-331	-517	-30	-34	-248	-18	-36
60%	161	53	13	3	-110	4	-1,316	52	-4	-424	498	124
70%	-174	-2	81	0	-708	-307	-692	653	227	-244	334	101
80%	2	62	91	-2	-656	-1,188	-356	38	0	10	263	27
90%	0	86	462	-1	-261	-397	-113	-27	10	115	-77	-5

Table 5A-B5.2.8.3-D. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	64	18	103	55	-157	-26	-234	103	-29	-173	35	-20
Wet Water Years	-48	-63	37	22	2	84	20	40	168	-289	-240	-39
Above Normal Water Years	470	149	193	-41	-26	22	-34	-15	9	-295	379	-37
Below Normal Water Years	102	-33	195	7	-88	12	-294	55	-55	-171	163	-44
Dry Water Years	-49	86	84	194	-739	-417	-757	486	-435	123	363	52
Critical Water Years	115	177	41	157	-164	5	-341	26	-66	-118	-130	12

Table 5A-B5.2.8.4-A. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	14,006	20,257	54,821	67,756	72,248	68,601	46,493	27,864	16,960	20,437	17,142	16,841
20%	12,687	14,817	39,034	57,761	64,852	56,911	31,683	22,670	15,822	18,522	16,500	16,322
30%	12,116	13,598	26,187	40,612	52,608	43,359	25,054	17,682	14,990	17,703	15,572	15,822
40%	11,289	12,977	20,298	30,527	40,590	32,165	20,960	14,912	14,249	16,958	14,452	14,295
50%	10,320	11,896	16,341	25,419	33,133	26,159	17,423	12,708	13,828	15,792	13,432	11,777
60%	8,652	10,927	14,521	20,797	25,016	22,523	13,664	12,166	13,384	14,767	11,801	10,318
70%	7,603	9,594	11,809	14,559	20,810	20,649	12,165	11,714	12,324	13,078	9,852	9,297
80%	6,841	8,368	10,411	13,279	18,151	14,918	11,426	10,525	10,820	10,686	9,167	8,802
90%	6,252	7,677	9,293	11,853	14,182	12,500	10,453	8,982	9,874	9,919	8,400	8,383

Table 5A-B5.2.8.4-B. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10,357	13,559	24,595	32,953	38,806	34,234	23,150	16,523	13,854	15,316	12,955	12,628
Wet Water Years	11,547	18,038	39,834	54,693	58,844	51,957	36,805	22,927	15,288	18,180	16,436	16,804
Above Normal Water Years	11,724	13,964	23,861	38,910	48,183	44,280	20,921	18,218	16,141	17,661	14,988	15,250
Below Normal Water Years	10,117	11,833	17,154	21,111	29,634	24,290	17,699	14,096	13,506	15,659	11,863	10,566
Dry Water Years	9,077	10,044	13,509	16,950	22,660	21,528	13,245	12,008	12,527	11,410	9,447	8,808
Critical Water Years	8,073	8,781	12,295	13,029	15,382	14,330	10,641	8,165	10,499	9,495	8,321	8,101

Table 5A-B5.2.8.4-C. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-98	556	53	-145	1	3	0	2	-32	-212	-504	18
20%	-7	82	710	15	81	352	0	-6	-70	-628	-422	221
30%	65	-25	423	6	108	-50	28	-8	-20	-99	113	127
40%	373	-391	-6	31	8	-3	4	629	63	-37	107	-406
50%	-62	121	134	-101	436	-321	-553	132	-91	-216	160	-53
60%	-1	119	6	3	-108	6	-1,404	105	-168	-440	439	127
70%	-232	4	82	1	-706	-333	-876	653	205	-170	272	76
80%	18	134	141	1	-660	-2,814	-357	93	-2	-72	223	61
90%	0	93	457	-1	-176	-470	-130	-47	15	137	-77	-8

Table 5A-B5.2.8.4-D. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	65	33	89	63	-142	-63	-279	133	-29	-177	22	-12
Wet Water Years	-73	-101	31	15	2	104	19	36	140	-287	-200	-29
Above Normal Water Years	474	193	138	-24	-23	23	-105	-14	-4	-302	434	35
Below Normal Water Years	140	3	176	19	-50	34	-388	41	-38	-136	152	-61
Dry Water Years	-40	129	88	207	-711	-745	-845	716	-435	94	204	58
Critical Water Years	99	231	21	191	-159	3	-334	27	-20	-189	-176	24

Table 5A-B5.2.8.5-A. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	14,012	20,435	54,827	67,759	72,248	68,601	46,492	27,862	16,966	20,267	17,000	16,840
20%	12,596	14,779	38,931	57,771	64,854	56,560	31,683	22,677	15,829	18,587	16,501	16,210
30%	12,116	13,599	26,233	40,608	52,480	43,430	25,052	17,690	14,920	17,706	15,526	15,780
40%	11,231	12,978	20,302	30,518	40,588	32,166	20,961	14,274	14,169	16,738	14,405	14,301
50%	10,341	11,940	16,341	25,406	32,843	26,150	17,459	12,546	13,886	15,726	13,252	11,793
60%	8,815	10,860	14,528	20,797	25,014	22,520	13,752	12,112	13,548	14,779	11,856	10,316
70%	7,662	9,588	11,808	14,558	20,808	20,675	12,350	11,715	12,346	13,003	9,912	9,322
80%	6,833	8,295	10,359	13,277	18,155	16,544	11,428	10,469	10,821	10,769	9,208	8,768
90%	6,252	7,670	9,298	11,853	14,098	12,573	10,471	9,002	9,870	9,897	8,400	8,385

Table 5A-B5.2.8.5-B. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10,356	13,546	24,612	32,943	38,789	34,270	23,196	16,494	13,854	15,319	12,976	12,613
Wet Water Years	11,573	18,074	39,842	54,699	58,843	51,937	36,806	22,931	15,314	18,182	16,416	16,776
Above Normal Water Years	11,720	13,921	23,916	38,893	48,180	44,279	20,992	18,218	16,154	17,667	14,932	15,178
Below Normal Water Years	10,078	11,801	17,181	21,098	29,589	24,268	17,794	14,110	13,489	15,616	11,874	10,583
Dry Water Years	9,070	9,999	13,505	16,936	22,633	21,856	13,333	11,778	12,528	11,440	9,606	8,802
Critical Water Years	8,089	8,727	12,315	12,994	15,377	14,333	10,633	8,165	10,453	9,566	8,367	8,089

Table 5A-B5.2.8.5-C. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-92	734	59	-142	1	3	-1	0	-26	-381	-646	18
20%	-98	44	607	24	83	2	0	1	-63	-563	-421	109
30%	65	-24	469	3	-21	21	25	-1	-90	-96	66	84
40%	315	-391	-3	22	5	-2	5	-9	-17	-256	60	-400
50%	-41	166	133	-114	145	-331	-516	-30	-34	-281	-20	-37
60%	161	52	13	3	-110	4	-1,316	52	-4	-428	495	124
70%	-173	-2	81	0	-708	-307	-691	653	227	-244	333	101
80%	9	62	90	-2	-656	-1,188	-356	37	0	10	264	27
90%	0	85	461	-2	-260	-397	-113	-27	10	115	-77	-5

Table 5A-B5.2.8.5-D. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	64	19	106	53	-159	-27	-234	103	-29	-174	42	-26
Wet Water Years	-48	-65	39	20	2	84	20	40	166	-285	-219	-57
Above Normal Water Years	470	150	193	-42	-26	22	-34	-15	9	-296	378	-37
Below Normal Water Years	101	-28	203	6	-95	12	-294	55	-55	-179	163	-44
Dry Water Years	-47	85	84	193	-739	-417	-756	486	-434	124	363	52
Critical Water Years	115	177	41	156	-165	5	-341	26	-66	-118	-129	12

B.2.9 Sacramento River near Hood

Figure 5A-B5.2.9.1-A. Sacramento River near Hood Monthly Flow (C_SAC041), Probability of Exceedance for No Project Alternatives, October to March

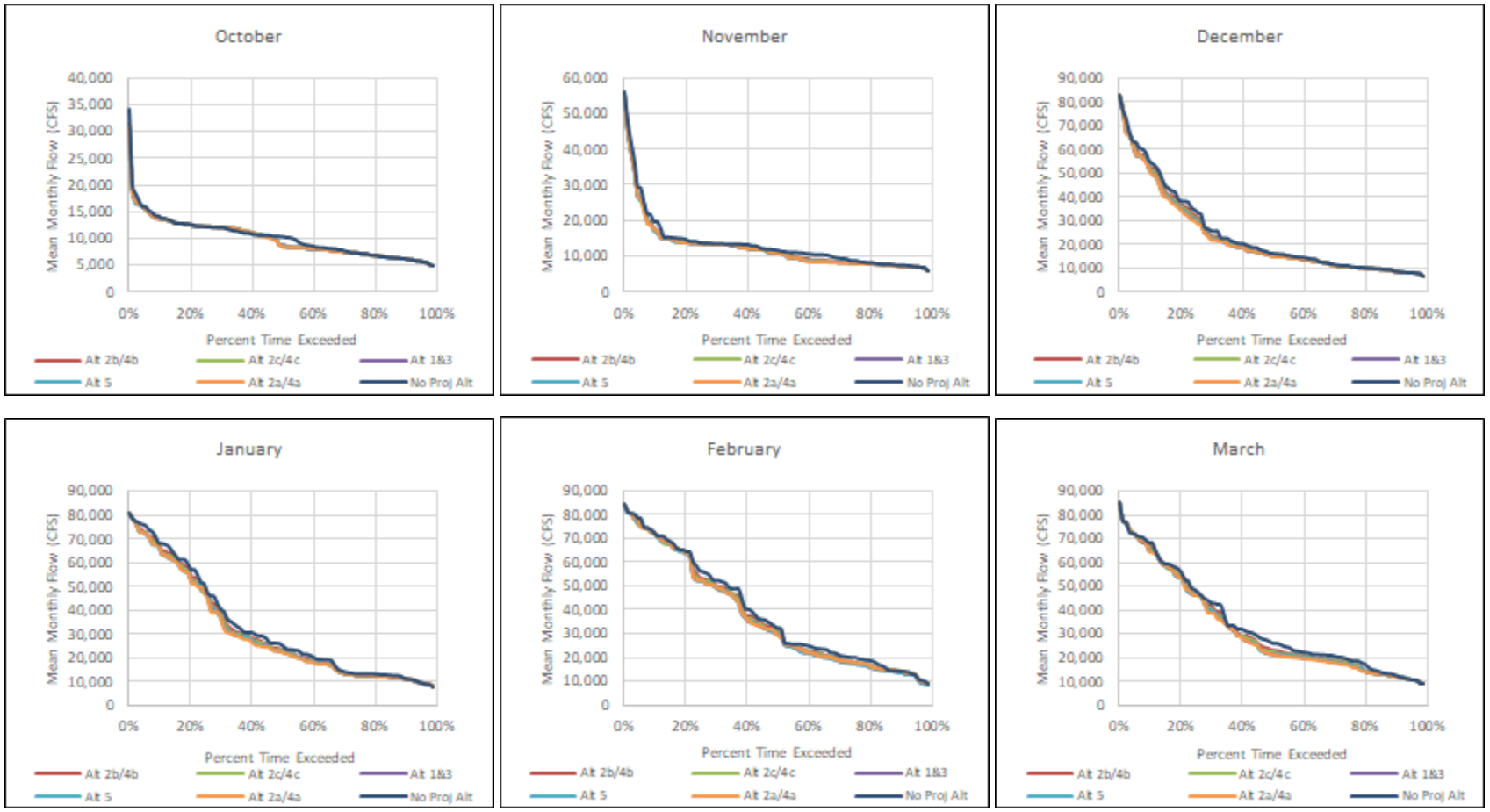


Figure 5A-B5.2.9.1-B. Sacramento River near Hood Monthly Flow (C_SAC041), Probability of Exceedance for No Project Alternatives, April to September

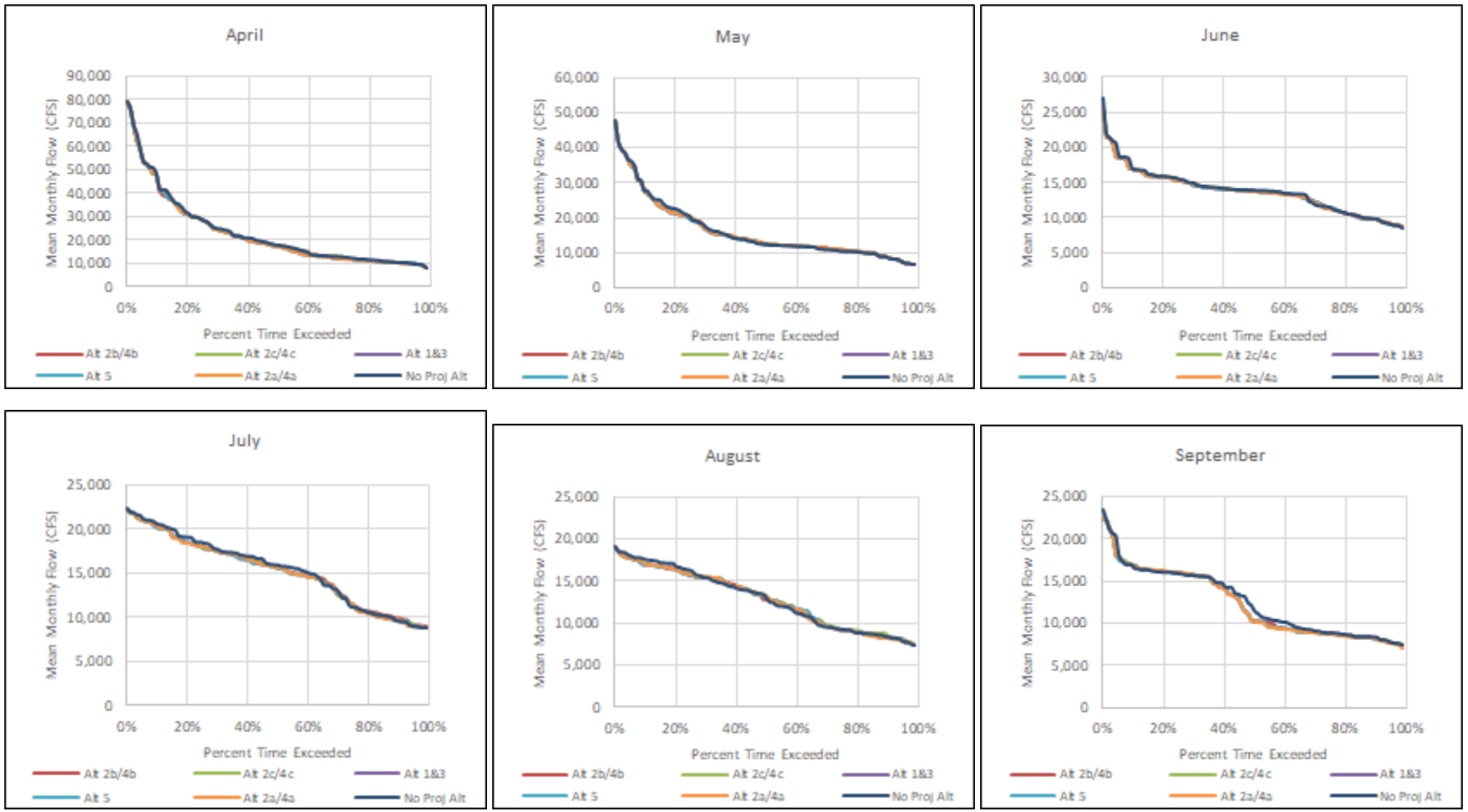


Table 5A-B5.2.9.1-A. Sacramento River near Hood Monthly Flow (C_SAC041), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	14,060	19,696	54,860	67,924	72,344	68,631	46,461	27,792	16,905	20,555	17,583	16,759
20%	12,649	14,691	38,385	57,724	64,875	56,572	31,665	22,598	15,793	19,054	16,856	16,046
30%	12,017	13,521	25,732	40,557	52,519	43,413	24,986	17,623	14,905	17,719	15,384	15,639
40%	10,883	13,273	20,279	30,494	40,601	32,174	20,912	14,207	14,092	16,908	14,255	14,651
50%	10,350	11,673	16,144	25,506	32,751	26,493	17,935	12,501	13,832	15,920	13,187	11,795
60%	8,616	10,696	14,463	20,739	25,142	22,533	15,021	11,976	13,457	15,112	11,276	10,136
70%	7,828	9,466	11,719	14,566	21,592	20,994	12,991	10,983	12,019	13,152	9,502	9,157
80%	6,796	8,119	10,184	13,258	18,863	17,753	11,734	10,353	10,733	10,667	8,859	8,676
90%	6,215	7,465	8,786	11,807	14,411	12,994	10,525	8,958	9,772	9,669	8,393	8,335

Table 5A-B5.2.9.1-B. Sacramento River near Hood Monthly Flow (C_SAC041), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10,259	13,448	24,488	32,881	39,024	34,321	23,392	16,319	13,791	15,397	12,856	12,583
Wet Water Years	11,591	18,079	39,827	54,718	58,929	51,895	36,763	22,822	15,058	18,373	16,560	16,776
Above Normal Water Years	11,222	13,708	23,700	38,936	48,304	44,277	20,979	18,159	16,052	17,869	14,477	15,158
Below Normal Water Years	9,942	11,747	16,940	21,060	29,747	24,269	18,048	13,985	13,449	15,698	11,632	10,574
Dry Water Years	9,081	9,818	13,380	16,706	23,447	22,288	14,043	11,219	12,867	11,218	9,162	8,689
Critical Water Years	7,936	8,438	12,211	12,767	15,594	14,341	10,921	8,066	10,427	9,586	8,415	8,017

Table 5A-B5.2.9.1-C. Sacramento River near Hood Monthly Flow (C_SAC041), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13,679	17,111	52,433	66,612	72,213	67,549	46,080	27,543	16,905	20,444	17,057	16,942
20%	12,460	13,703	36,751	55,423	64,611	54,584	31,662	21,605	15,840	18,486	16,486	16,149
30%	12,036	13,282	23,550	38,767	50,263	42,204	24,771	16,910	14,609	17,508	15,498	15,782
40%	11,172	12,234	19,019	28,413	37,611	29,443	20,692	14,463	14,101	16,659	14,572	14,246
50%	8,796	10,960	15,338	23,375	31,509	23,391	17,862	12,632	13,786	15,722	12,820	10,317
60%	8,025	9,344	13,685	19,089	22,684	21,281	15,186	12,050	13,401	14,677	11,760	9,403
70%	7,473	8,390	11,042	13,566	19,972	19,242	12,990	11,138	12,474	12,584	9,833	8,950
80%	6,820	7,987	9,999	12,409	16,931	15,537	11,486	10,385	10,733	10,640	8,992	8,677
90%	6,215	7,170	8,617	11,297	14,144	12,485	10,608	8,934	9,787	9,845	8,582	8,329

Table 5A-B5.2.9.1-D. Sacramento River near Hood Monthly Flow (C_SAC041), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10,000	12,661	23,412	31,329	37,470	32,893	23,139	16,204	13,733	15,242	12,867	12,360
Wet Water Years	11,139	16,913	38,191	52,715	57,510	50,656	36,272	22,368	15,087	18,093	16,354	16,729
Above Normal Water Years	10,713	12,725	22,301	37,043	46,588	42,123	20,708	18,032	16,077	17,536	14,922	15,142
Below Normal Water Years	9,913	10,909	16,238	19,591	28,220	22,615	17,831	14,048	13,439	15,561	11,645	9,829
Dry Water Years	8,986	9,556	12,620	15,429	21,011	20,584	13,974	11,485	12,483	11,273	9,409	8,688
Critical Water Years	7,707	8,342	11,736	12,213	14,770	13,749	11,039	8,063	10,352	9,619	8,416	8,024

Table 5A-B5.2.9.1-E. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-381	-2,585	-2,427	-1,312	-131	-1,082	-382	-249	0	-111	-525	183
20%	-190	-987	-1,634	-2,301	-263	-1,988	-3	-993	47	-568	-370	103
30%	19	-239	-2,181	-1,790	-2,256	-1,210	-215	-713	-296	-211	114	143
40%	289	-1,038	-1,260	-2,081	-2,991	-2,731	-221	257	8	-248	317	-405
50%	-1,554	-713	-806	-2,131	-1,242	-3,102	-72	131	-47	-197	-367	-1,478
60%	-591	-1,351	-779	-1,650	-2,457	-1,251	165	74	-55	-435	484	-733
70%	-354	-1,076	-677	-999	-1,620	-1,752	-1	155	455	-568	331	-207
80%	24	-133	-185	-848	-1,931	-2,217	-248	31	0	-26	133	0
90%	0	-295	-168	-510	-267	-508	83	-24	15	176	189	-7

Table 5A-B5.2.9.1-F. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-259	-787	-1,076	-1,551	-1,553	-1,428	-253	-115	-57	-156	11	-223
Wet Water Years	-451	-1,166	-1,636	-2,002	-1,420	-1,240	-490	-455	29	-279	-206	-47
Above Normal Water Years	-509	-984	-1,398	-1,893	-1,716	-2,154	-271	-127	25	-333	446	-16
Below Normal Water Years	-29	-838	-702	-1,469	-1,527	-1,654	-217	63	-11	-137	14	-744
Dry Water Years	-95	-262	-760	-1,278	-2,436	-1,704	-69	266	-384	55	248	-1
Critical Water Years	-229	-96	-475	-554	-825	-592	118	-3	-76	32	1	6

Table 5A-B5.2.9.2-A. Sacramento River near Hood Monthly Flow (C_SAC041), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13,680	16,986	51,756	66,081	72,213	66,359	46,255	27,542	16,886	20,175	17,013	16,942
20%	12,525	13,706	35,915	53,955	64,617	54,522	31,191	21,544	15,839	18,487	16,424	16,148
30%	12,041	13,282	22,937	38,172	49,323	40,724	24,575	16,843	14,590	17,508	15,454	15,708
40%	11,176	12,129	18,659	28,259	36,867	29,271	20,692	14,467	14,125	16,666	14,340	14,169
50%	8,696	10,844	15,098	22,935	30,977	22,509	17,543	12,620	13,787	15,691	13,187	10,296
60%	8,025	8,959	13,646	18,767	22,559	20,707	14,222	12,022	13,445	14,694	11,753	9,311
70%	7,472	8,296	11,043	13,569	19,562	18,745	13,131	11,217	12,319	12,842	9,833	8,918
80%	6,823	7,920	10,110	12,362	16,709	15,315	11,501	10,382	10,733	10,639	9,086	8,613
90%	6,215	7,358	8,820	11,317	14,302	12,424	10,513	8,933	9,784	9,810	8,737	8,315

Table 5A-B5.2.9.2-B. Sacramento River near Hood Monthly Flow (C_SAC041), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10,004	12,551	23,115	30,892	37,113	32,475	23,088	16,198	13,730	15,230	12,862	12,309
Wet Water Years	11,102	16,748	37,589	51,986	57,307	50,411	36,257	22,293	15,100	18,068	16,245	16,712
Above Normal Water Years	10,855	12,449	21,908	36,485	45,800	41,243	20,762	18,054	16,067	17,577	14,864	15,123
Below Normal Water Years	9,934	10,776	16,075	19,246	27,696	21,996	17,825	14,008	13,435	15,550	11,772	9,681
Dry Water Years	8,999	9,489	12,612	15,220	20,580	20,188	13,635	11,661	12,445	11,292	9,462	8,665
Critical Water Years	7,670	8,506	11,726	12,208	14,755	13,613	11,050	8,080	10,349	9,564	8,385	8,033

Table 5A-B5.2.9.2-C. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-380	-2,711	-3,105	-1,843	-131	-2,273	-206	-250	-18	-380	-569	183
20%	-124	-984	-2,470	-3,769	-257	-2,050	-474	-1,055	47	-567	-432	102
30%	24	-239	-2,794	-2,385	-3,196	-2,690	-411	-780	-315	-211	70	69
40%	293	-1,144	-1,620	-2,236	-3,735	-2,903	-221	260	33	-242	85	-482
50%	-1,654	-828	-1,046	-2,571	-1,775	-3,984	-391	118	-45	-228	0	-1,499
60%	-591	-1,736	-817	-1,973	-2,582	-1,826	-799	46	-12	-419	477	-825
70%	-356	-1,170	-676	-997	-2,030	-2,249	139	233	300	-310	331	-240
80%	27	-199	-73	-896	-2,153	-2,438	-233	29	0	-28	227	-64
90%	0	-106	34	-490	-109	-570	-12	-25	11	141	345	-21

Table 5A-B5.2.9.2-D. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-255	-897	-1,373	-1,988	-1,911	-1,846	-304	-122	-61	-168	6	-274
Wet Water Years	-488	-1,331	-2,238	-2,732	-1,622	-1,485	-506	-530	42	-305	-315	-64
Above Normal Water Years	-367	-1,260	-1,791	-2,450	-2,504	-3,034	-217	-105	14	-293	388	-35
Below Normal Water Years	-8	-971	-865	-1,814	-2,051	-2,273	-223	23	-15	-148	141	-892
Dry Water Years	-82	-329	-768	-1,486	-2,867	-2,100	-408	442	-422	74	301	-24
Critical Water Years	-267	68	-484	-559	-840	-729	129	14	-78	-22	-30	15

Table 5A-B5.2.9.3-A. Sacramento River near Hood Monthly Flow (C_SAC041), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13,682	17,688	51,387	65,903	72,214	65,308	46,258	27,541	16,885	20,171	16,923	16,779
20%	12,475	13,708	35,153	53,277	63,990	54,055	31,147	21,422	15,732	18,500	16,381	16,147
30%	12,055	13,281	22,462	36,864	49,948	39,999	24,516	16,862	14,820	17,505	15,457	15,722
40%	11,015	12,211	18,576	27,481	36,680	28,926	20,206	14,198	14,073	16,560	14,334	14,183
50%	8,698	10,804	15,184	22,486	30,291	21,613	17,408	12,474	13,787	15,662	13,173	10,286
60%	8,037	8,824	13,633	18,495	22,258	20,083	13,688	12,023	13,453	14,702	11,787	9,348
70%	7,468	8,248	11,043	13,567	19,160	18,451	12,299	11,574	12,261	12,915	9,830	8,895
80%	6,798	7,845	9,952	12,343	16,680	15,206	11,377	10,391	10,732	10,676	9,122	8,537
90%	6,215	7,347	8,822	11,264	14,132	12,391	10,425	8,931	9,784	9,796	8,317	8,202

Table 5A-B5.2.9.3-B. Sacramento River near Hood Monthly Flow (C_SAC041), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	9,980	12,521	22,878	30,570	36,904	32,245	22,911	16,193	13,703	15,207	12,873	12,293
Wet Water Years	11,050	16,764	37,125	51,431	57,309	50,487	36,249	22,265	15,058	18,080	16,271	16,703
Above Normal Water Years	10,908	12,362	21,703	36,059	45,507	40,664	20,792	18,067	16,061	17,575	14,856	15,121
Below Normal Water Years	9,895	10,722	15,937	19,020	27,271	21,608	17,588	14,017	13,395	15,472	11,795	9,658
Dry Water Years	8,996	9,451	12,640	15,080	20,289	19,571	13,286	11,662	12,432	11,341	9,525	8,631
Critical Water Years	7,672	8,450	11,563	12,185	14,595	13,600	10,580	8,088	10,361	9,468	8,286	8,029

Table 5A-B5.2.9.3-C. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-378	-2,008	-3,473	-2,020	-129	-3,324	-203	-251	-20	-384	-660	20
20%	-175	-983	-3,232	-4,447	-884	-2,517	-518	-1,176	-60	-553	-475	101
30%	38	-240	-3,270	-3,693	-2,571	-3,415	-470	-761	-85	-214	73	83
40%	132	-1,062	-1,703	-3,013	-3,922	-3,248	-706	-9	-19	-348	79	-468
50%	-1,653	-869	-960	-3,020	-2,461	-4,879	-526	-27	-46	-258	-14	-1,509
60%	-579	-1,872	-830	-2,244	-2,883	-2,450	-1,333	47	-3	-410	512	-788
70%	-360	-1,218	-675	-998	-2,432	-2,543	-692	591	242	-237	328	-262
80%	2	-274	-232	-914	-2,182	-2,548	-357	38	0	9	263	-139
90%	0	-118	36	-543	-279	-603	-100	-27	12	127	-76	-134

Table 5A-B5.2.9.3-D. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-279	-927	-1,610	-2,310	-2,120	-2,076	-482	-127	-88	-190	17	-290
Wet Water Years	-541	-1,315	-2,701	-3,287	-1,621	-1,409	-514	-558	-1	-293	-289	-73
Above Normal Water Years	-314	-1,347	-1,997	-2,877	-2,797	-3,613	-187	-92	9	-295	379	-37
Below Normal Water Years	-47	-1,025	-1,003	-2,041	-2,476	-2,661	-460	32	-55	-226	163	-916
Dry Water Years	-85	-367	-740	-1,626	-3,158	-2,717	-757	443	-435	123	363	-58
Critical Water Years	-264	12	-648	-582	-999	-742	-341	21	-66	-118	-130	12

Table 5A-B5.2.9.4-A. Sacramento River near Hood Monthly Flow (C_SAC041), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13,690	17,512	51,109	65,937	72,218	64,989	45,849	27,545	16,879	20,340	17,064	16,780
20%	12,510	13,710	34,622	52,901	64,133	54,058	31,137	21,420	15,725	18,430	16,423	16,263
30%	12,062	13,277	21,927	37,045	49,703	39,017	24,405	16,862	14,901	17,485	15,494	15,769
40%	11,131	12,187	18,589	26,916	36,540	28,932	20,228	14,575	14,157	16,627	14,380	14,179
50%	8,565	10,886	15,045	22,309	29,616	21,590	17,381	12,636	13,734	15,694	13,355	10,279
60%	8,160	8,499	13,620	18,340	21,910	19,906	13,617	12,039	13,283	14,686	11,727	9,329
70%	7,483	8,140	11,044	13,751	18,839	18,089	12,108	11,576	12,239	12,988	9,768	8,884
80%	6,806	7,834	9,950	12,340	16,673	14,389	11,376	10,450	10,730	10,587	9,081	8,523
90%	6,214	7,142	8,810	11,261	14,217	12,233	10,407	8,911	9,784	9,817	8,302	8,311

Table 5A-B5.2.9.4-B. Sacramento River near Hood Monthly Flow (C_SAC041), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	9,985	12,484	22,732	30,400	36,788	32,026	22,875	16,236	13,702	15,203	12,860	12,298
Wet Water Years	10,997	16,677	36,891	51,150	57,255	50,471	36,274	22,315	15,029	18,082	16,311	16,713
Above Normal Water Years	10,912	12,395	21,492	35,923	45,271	40,266	20,724	18,076	16,049	17,568	14,911	15,192
Below Normal Water Years	9,958	10,709	15,823	18,866	27,132	21,371	17,494	14,002	13,412	15,506	11,784	9,637
Dry Water Years	9,005	9,399	12,643	14,923	20,073	18,885	13,198	11,878	12,432	11,312	9,366	8,623
Critical Water Years	7,713	8,466	11,465	12,246	14,564	13,538	10,587	8,058	10,407	9,397	8,240	8,041

Table 5A-B5.2.9.4-C. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-370	-2,185	-3,751	-1,987	-126	-3,643	-612	-247	-25	-214	-518	21
20%	-139	-981	-3,763	-4,823	-741	-2,514	-528	-1,178	-67	-623	-433	217
30%	45	-244	-3,804	-3,512	-2,817	-4,397	-581	-762	-4	-234	110	130
40%	248	-1,086	-1,691	-3,578	-4,062	-3,242	-685	369	64	-281	125	-472
50%	-1,785	-787	-1,099	-3,197	-3,135	-4,903	-554	134	-99	-225	167	-1,515
60%	-456	-2,197	-843	-2,400	-3,231	-2,626	-1,404	63	-174	-426	451	-806
70%	-345	-1,326	-675	-815	-2,753	-2,905	-883	593	220	-164	266	-273
80%	11	-285	-234	-918	-2,189	-3,364	-358	96	-2	-80	223	-153
90%	0	-323	24	-546	-194	-761	-118	-47	12	148	-90	-25

Table 5A-B5.2.9.4-D. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-274	-964	-1,756	-2,480	-2,236	-2,295	-518	-84	-88	-194	4	-285
Wet Water Years	-594	-1,402	-2,935	-3,568	-1,675	-1,424	-489	-507	-29	-291	-249	-63
Above Normal Water Years	-310	-1,313	-2,208	-3,012	-3,033	-4,011	-254	-82	-4	-302	434	35
Below Normal Water Years	16	-1,038	-1,117	-2,195	-2,615	-2,899	-554	18	-38	-191	152	-937
Dry Water Years	-76	-418	-737	-1,784	-3,374	-3,403	-845	659	-435	94	204	-66
Critical Water Years	-223	27	-746	-521	-1,031	-803	-334	-8	-20	-189	-176	24

Table 5A-B5.2.9.5-A. Sacramento River near Hood Monthly Flow (C_SAC041), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13,682	17,121	51,055	65,705	71,805	65,308	46,258	27,541	16,885	20,171	16,923	16,779
20%	12,475	13,706	35,154	53,277	64,101	53,849	31,147	21,425	15,732	18,500	16,425	16,147
30%	12,054	13,281	22,461	36,832	49,948	39,999	24,527	16,862	14,820	17,505	15,457	15,725
40%	11,014	12,326	18,516	27,481	36,679	28,922	20,206	14,198	14,074	16,560	14,333	14,183
50%	8,697	10,801	15,184	22,486	30,291	21,617	17,408	12,474	13,787	15,634	13,171	10,285
60%	8,030	8,824	13,632	18,496	22,259	20,083	13,688	12,023	13,453	14,697	11,784	9,348
70%	7,480	8,254	11,044	13,567	19,160	18,451	12,300	11,574	12,261	12,914	9,829	8,895
80%	6,805	7,845	9,952	12,343	16,679	15,206	11,377	10,391	10,732	10,676	9,122	8,537
90%	6,215	7,346	8,822	11,264	14,133	12,391	10,425	8,931	9,784	9,796	8,317	8,202

Table 5A-B5.2.9.5-B. Sacramento River near Hood Monthly Flow (C_SAC041), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	9,970	12,485	22,863	30,537	36,872	32,226	22,912	16,202	13,703	15,206	12,880	12,287
Wet Water Years	11,022	16,693	37,098	51,345	57,283	50,488	36,252	22,290	15,056	18,084	16,291	16,685
Above Normal Water Years	10,908	12,300	21,651	36,036	45,442	40,627	20,792	18,073	16,061	17,574	14,855	15,121
Below Normal Water Years	9,895	10,705	15,937	19,019	27,209	21,550	17,589	14,017	13,394	15,463	11,795	9,658
Dry Water Years	8,997	9,449	12,640	15,080	20,289	19,570	13,287	11,662	12,433	11,342	9,525	8,631
Critical Water Years	7,672	8,450	11,563	12,184	14,595	13,600	10,580	8,087	10,361	9,468	8,286	8,029

Table 5A-B5.2.9.5-C. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-378	-2,576	-3,805	-2,218	-539	-3,324	-203	-251	-20	-384	-660	20
20%	-174	-985	-3,231	-4,446	-774	-2,723	-518	-1,173	-60	-553	-431	101
30%	37	-240	-3,270	-3,725	-2,571	-3,414	-459	-761	-85	-214	73	86
40%	131	-947	-1,763	-3,013	-3,922	-3,252	-706	-9	-18	-348	78	-468
50%	-1,653	-872	-960	-3,020	-2,461	-4,876	-526	-27	-46	-286	-16	-1,510
60%	-585	-1,872	-831	-2,243	-2,883	-2,450	-1,333	47	-3	-415	508	-788
70%	-348	-1,212	-675	-998	-2,431	-2,543	-691	591	241	-237	327	-262
80%	9	-274	-232	-915	-2,184	-2,548	-357	38	0	9	264	-139
90%	0	-119	36	-543	-278	-602	-100	-27	12	127	-76	-134

Table 5A-B5.2.9.5-D. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-289	-963	-1,624	-2,343	-2,152	-2,095	-480	-117	-88	-191	25	-296
Wet Water Years	-569	-1,386	-2,729	-3,373	-1,647	-1,407	-510	-532	-2	-289	-268	-91
Above Normal Water Years	-314	-1,408	-2,049	-2,899	-2,862	-3,650	-187	-86	9	-296	378	-37
Below Normal Water Years	-47	-1,042	-1,004	-2,042	-2,538	-2,719	-459	32	-55	-235	163	-916
Dry Water Years	-83	-369	-740	-1,627	-3,158	-2,718	-756	443	-434	124	363	-58
Critical Water Years	-264	12	-648	-583	-999	-742	-341	21	-66	-118	-129	12

B.2.10 Sacramento River at Rio Vista

Figure 5A-B5.2.10.1-A. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Probability of Exceedance for No Project Alternatives, October to March

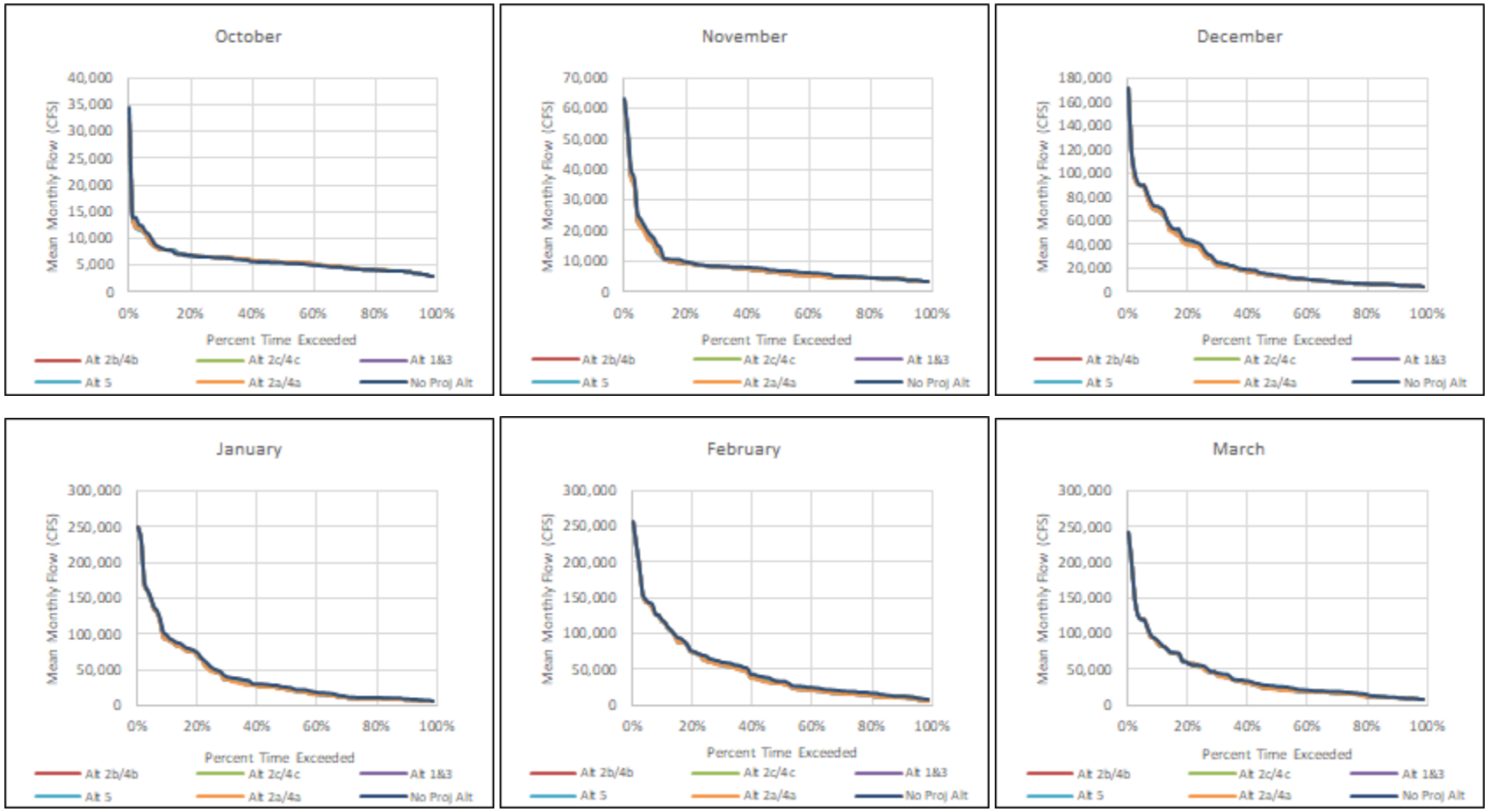


Figure 5A-B5.2.10.1-B. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Probability of Exceedance for No Project Alternatives, April to September

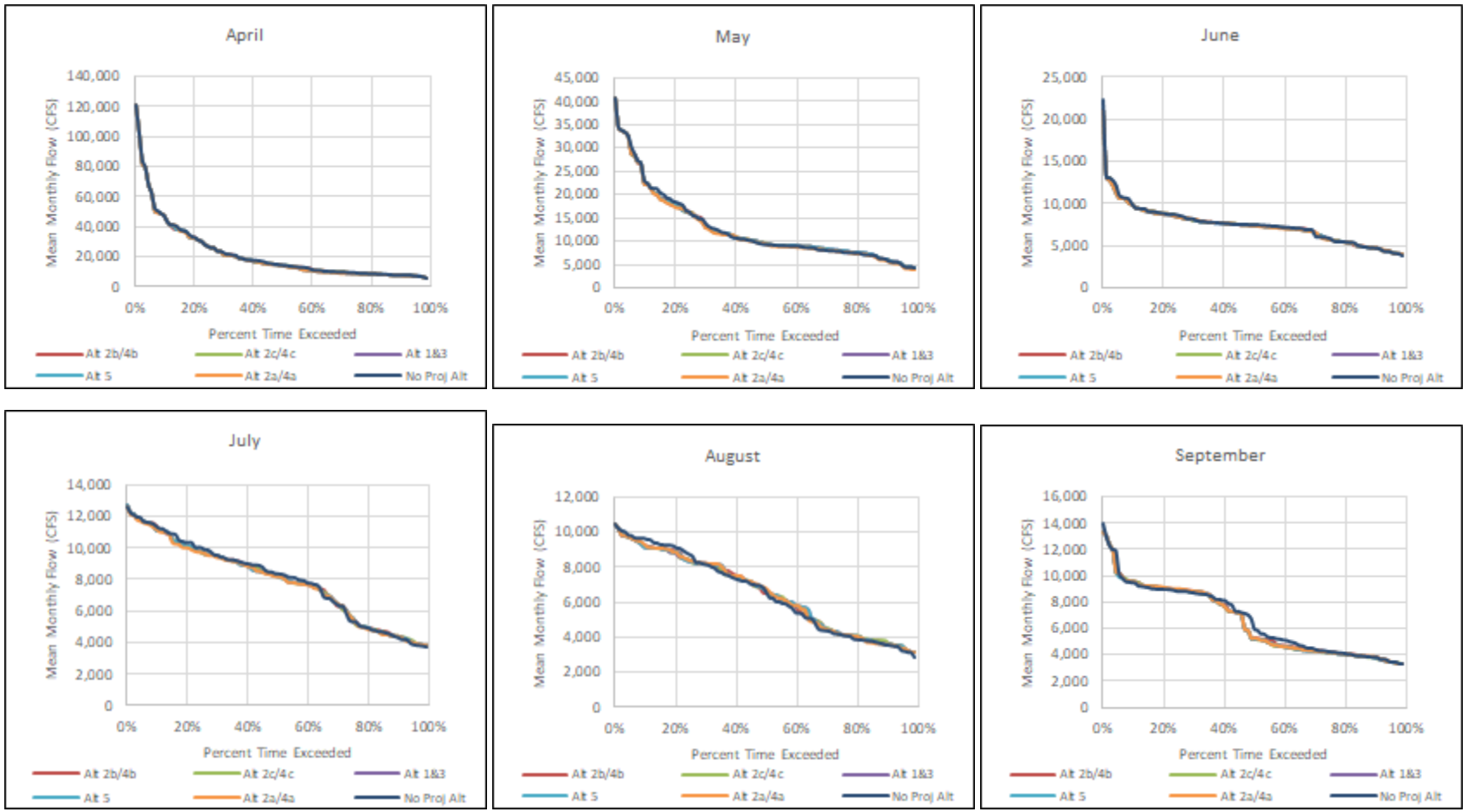


Table 5A-B5.2.10.1-A. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,445	17,167	71,573	97,123	115,974	89,761	46,083	22,787	9,811	11,352	9,651	9,482
20%	6,979	10,058	43,690	73,605	75,094	58,873	32,845	18,338	8,857	10,371	9,165	8,980
30%	6,502	8,612	24,635	39,742	59,203	44,778	22,749	13,855	8,208	9,562	8,177	8,733
40%	5,794	8,209	18,450	29,627	42,392	33,032	17,546	10,640	7,718	9,021	7,361	8,148
50%	5,552	7,159	13,683	25,221	32,512	25,808	14,337	9,225	7,512	8,385	6,701	6,339
60%	5,131	6,443	10,577	18,305	23,728	20,378	11,737	8,851	7,217	7,820	5,469	5,111
70%	4,715	5,275	8,011	12,501	19,479	18,255	9,679	7,988	6,817	6,458	4,377	4,465
80%	4,256	4,793	6,481	10,118	16,356	14,905	8,655	7,416	5,512	4,969	3,894	4,102
90%	4,000	4,500	5,435	8,740	11,545	10,294	7,672	6,103	4,789	4,374	3,582	3,795

Table 5A-B5.2.10.1-B. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,252	9,713	26,840	42,867	51,194	41,252	22,376	12,728	7,587	8,034	6,510	6,710
Wet Water Years	7,522	14,722	50,220	84,546	89,852	73,364	39,324	18,664	8,640	9,981	8,919	9,471
Above Normal Water Years	6,325	9,454	24,140	43,239	63,472	48,717	18,161	14,391	9,019	9,625	7,571	8,384
Below Normal Water Years	5,745	7,683	14,844	20,013	30,595	22,501	15,187	10,535	7,244	8,216	5,714	5,453
Dry Water Years	5,310	5,815	10,574	14,915	22,500	20,317	10,873	8,082	6,830	5,303	4,080	4,078
Critical Water Years	4,903	5,077	9,540	10,098	13,783	12,394	7,927	5,326	5,242	4,278	3,645	3,657

Table 5A-B5.2.10.1-C. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,369	14,947	69,400	94,195	116,870	88,368	46,081	22,317	9,812	11,282	9,265	9,579
20%	6,839	9,604	41,629	72,120	74,246	59,477	32,840	17,715	8,854	10,054	8,919	9,018
30%	6,506	8,392	22,925	37,175	56,962	42,417	21,637	13,179	8,060	9,441	8,236	8,840
40%	6,046	7,755	17,036	28,260	40,273	31,707	17,445	10,855	7,740	8,913	7,568	7,805
50%	5,668	6,507	12,937	23,601	31,384	23,120	14,043	9,455	7,459	8,226	6,522	5,262
60%	5,216	5,683	9,897	16,639	22,830	18,845	11,885	8,870	7,206	7,680	5,788	4,662
70%	4,714	5,254	7,861	11,643	17,769	16,868	9,749	8,039	6,732	6,329	4,510	4,322
80%	4,247	4,733	6,251	9,413	14,564	12,588	8,356	7,422	5,521	4,937	3,993	4,062
90%	4,000	4,500	5,301	8,530	11,519	9,738	7,687	6,095	4,800	4,422	3,673	3,807

Table 5A-B5.2.10.1-D. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,208	9,179	25,963	41,506	49,820	40,100	22,159	12,630	7,545	7,933	6,517	6,566
Wet Water Years	7,227	13,897	48,886	82,767	88,555	72,350	38,905	18,274	8,653	9,800	8,786	9,442
Above Normal Water Years	6,543	8,680	23,057	41,582	61,911	47,005	17,928	14,282	9,036	9,409	7,859	8,374
Below Normal Water Years	5,862	7,173	14,257	18,735	29,301	21,244	14,994	10,592	7,236	8,127	5,723	4,971
Dry Water Years	5,354	5,710	9,945	13,821	20,350	18,847	10,823	8,309	6,571	5,338	4,241	4,078
Critical Water Years	4,898	4,978	9,153	9,622	13,069	11,884	8,030	5,325	5,191	4,299	3,645	3,661

Table 5A-B5.2.10.1-E. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-76	-2,220	-2,173	-2,927	-896	-1,393	-1	-470	1	-69	-386	98
20%	-141	-454	-2,061	-1,485	-848	604	-5	-623	-2	-317	-246	38
30%	4	-220	-1,710	-2,566	-2,241	-2,361	-1,111	-676	-148	-121	59	107
40%	252	-455	-1,415	-1,367	-2,119	-1,326	-101	215	22	-107	207	-343
50%	116	-652	-746	-1,620	-1,128	-2,689	-293	230	-53	-159	-180	-1,077
60%	85	-759	-680	-1,667	-898	-1,533	148	19	-11	-140	319	-449
70%	-1	-21	-150	-858	-1,710	-1,386	70	52	-84	-128	133	-143
80%	-9	-60	-230	-705	-1,792	-2,316	-299	6	9	-32	99	-40
90%	0	0	-134	-210	-26	-557	15	-8	11	48	91	12

Table 5A-B5.2.10.1-F. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-44	-533	-878	-1,360	-1,374	-1,152	-217	-98	-41	-101	7	-144
Wet Water Years	-295	-826	-1,334	-1,779	-1,297	-1,015	-419	-390	12	-181	-133	-29
Above Normal Water Years	218	-775	-1,083	-1,657	-1,561	-1,712	-234	-109	17	-216	289	-10
Below Normal Water Years	117	-510	-587	-1,278	-1,294	-1,257	-193	56	-8	-89	9	-482
Dry Water Years	44	-105	-630	-1,094	-2,150	-1,469	-49	227	-260	35	160	0
Critical Water Years	-5	-99	-387	-476	-714	-509	102	-1	-51	21	0	4

Table 5A-B5.2.10.2-A. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,395	14,797	68,867	93,162	116,854	87,110	46,082	22,317	9,812	11,073	9,181	9,554
20%	6,881	9,540	40,577	70,878	74,469	58,946	32,315	17,761	8,854	10,054	8,857	9,018
30%	6,507	8,392	22,397	36,241	56,984	41,550	21,414	13,121	8,043	9,430	8,203	8,770
40%	6,045	7,724	16,926	28,285	39,490	30,677	17,445	10,858	7,736	8,918	7,476	7,746
50%	5,688	6,448	12,686	23,298	30,963	22,277	14,125	9,453	7,494	8,206	6,709	5,205
60%	5,376	5,662	9,881	16,140	22,481	18,478	11,171	8,929	7,206	7,679	5,838	4,606
70%	4,745	4,962	7,855	11,646	17,411	16,316	9,776	8,060	6,709	6,456	4,519	4,300
80%	4,271	4,774	6,318	9,362	14,486	12,397	8,365	7,450	5,521	4,959	4,056	4,031
90%	4,000	4,500	5,548	8,546	11,528	9,747	7,672	6,094	4,815	4,418	3,776	3,794

Table 5A-B5.2.10.2-B. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,225	9,087	25,703	41,120	49,516	39,735	22,112	12,624	7,543	7,925	6,514	6,533
Wet Water Years	7,195	13,770	48,348	82,129	88,398	72,118	38,888	18,210	8,661	9,784	8,716	9,431
Above Normal Water Years	6,643	8,477	22,730	41,014	61,238	46,250	17,983	14,301	9,029	9,435	7,821	8,361
Below Normal Water Years	5,873	7,074	14,125	18,439	28,856	20,716	14,987	10,557	7,233	8,120	5,805	4,876
Dry Water Years	5,364	5,599	9,935	13,652	19,946	18,508	10,520	8,460	6,545	5,350	4,275	4,064
Critical Water Years	5,010	5,096	9,143	9,618	13,063	11,768	8,040	5,340	5,189	4,264	3,625	3,667

Table 5A-B5.2.10.2-C. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-50	-2,369	-2,706	-3,961	-911	-2,650	-1	-470	1	-279	-470	73
20%	-99	-518	-3,113	-2,727	-625	73	-531	-577	-3	-317	-308	38
30%	4	-220	-2,238	-3,500	-2,220	-3,229	-1,334	-734	-165	-132	26	37
40%	251	-485	-1,524	-1,342	-2,902	-2,356	-101	218	18	-102	116	-401
50%	136	-711	-997	-1,923	-1,549	-3,531	-212	229	-18	-179	8	-1,134
60%	244	-780	-696	-2,166	-1,246	-1,900	-567	78	-11	-141	369	-506
70%	30	-313	-155	-855	-2,068	-1,938	97	72	-108	-2	142	-165
80%	16	-19	-163	-756	-1,870	-2,507	-290	35	9	-10	163	-71
90%	0	0	113	-194	-17	-548	0	-9	26	44	193	-2

Table 5A-B5.2.10.2-D. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-27	-626	-1,137	-1,746	-1,678	-1,516	-264	-104	-44	-109	4	-177
Wet Water Years	-327	-952	-1,872	-2,417	-1,454	-1,246	-435	-455	21	-197	-204	-40
Above Normal Water Years	319	-978	-1,410	-2,225	-2,234	-2,467	-178	-90	10	-189	251	-22
Below Normal Water Years	128	-609	-719	-1,574	-1,739	-1,784	-201	22	-11	-96	91	-577
Dry Water Years	54	-216	-640	-1,263	-2,555	-1,809	-353	379	-285	47	195	-15
Critical Water Years	108	19	-397	-480	-720	-626	112	14	-53	-14	-20	10

Table 5A-B5.2.10.3-A. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,083	15,438	67,963	92,378	116,866	85,967	46,082	22,316	9,811	11,070	9,151	9,528
20%	6,882	9,519	39,766	70,207	74,577	58,241	32,293	17,596	8,780	10,063	8,797	9,017
30%	6,579	8,394	22,185	36,066	57,113	41,806	21,415	13,138	8,153	9,433	8,217	8,771
40%	6,045	7,725	16,780	28,288	39,157	30,368	17,287	10,632	7,689	8,827	7,473	7,753
50%	5,672	6,382	12,676	23,065	31,093	21,884	14,136	9,308	7,475	8,186	6,700	5,198
60%	5,397	5,658	9,870	15,785	22,363	18,387	10,760	8,916	7,205	7,680	5,855	4,612
70%	4,741	4,913	7,861	11,645	17,007	16,119	9,138	8,337	6,706	6,484	4,508	4,266
80%	4,218	4,746	6,247	9,327	14,464	12,303	8,390	7,445	5,521	4,950	4,061	4,009
90%	4,000	4,500	5,549	8,503	11,528	9,683	7,634	6,093	4,838	4,381	3,572	3,794

Table 5A-B5.2.10.3-B. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,205	9,079	25,502	40,859	49,336	39,569	21,958	12,620	7,525	7,911	6,521	6,524
Wet Water Years	7,146	13,788	47,959	81,681	88,394	72,279	38,885	18,186	8,633	9,792	8,732	9,426
Above Normal Water Years	6,697	8,412	22,526	40,670	60,984	45,754	18,009	14,313	9,026	9,434	7,816	8,360
Below Normal Water Years	5,843	7,076	14,014	18,257	28,505	20,376	14,777	10,565	7,206	8,069	5,819	4,860
Dry Water Years	5,364	5,572	9,955	13,532	19,695	17,974	10,220	8,461	6,537	5,382	4,316	4,042
Critical Water Years	5,012	5,058	9,005	9,597	12,907	11,755	7,627	5,346	5,198	4,201	3,561	3,665

Table 5A-B5.2.10.3-C. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-362	-1,729	-3,610	-4,745	-899	-3,794	0	-471	0	-282	-500	46
20%	-98	-539	-3,925	-3,398	-517	-631	-552	-742	-77	-308	-367	38
30%	76	-218	-2,450	-3,675	-2,091	-2,973	-1,334	-717	-55	-129	39	39
40%	252	-484	-1,670	-1,339	-3,235	-2,665	-259	-7	-29	-194	112	-394
50%	120	-777	-1,007	-2,156	-1,419	-3,924	-201	83	-37	-199	-1	-1,141
60%	266	-785	-707	-2,520	-1,364	-1,991	-977	65	-12	-140	386	-499
70%	26	-361	-150	-857	-2,472	-2,135	-540	349	-111	27	131	-199
80%	-37	-46	-234	-791	-1,892	-2,601	-265	29	9	-18	167	-93
90%	0	0	114	-237	-17	-612	-38	-10	48	7	-10	-1

Table 5A-B5.2.10.3-D. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-47	-634	-1,338	-2,007	-1,857	-1,683	-418	-108	-62	-123	11	-187
Wet Water Years	-376	-934	-2,261	-2,865	-1,457	-1,085	-438	-478	-7	-189	-187	-46
Above Normal Water Years	372	-1,042	-1,614	-2,568	-2,488	-2,962	-152	-79	6	-191	246	-24
Below Normal Water Years	98	-607	-829	-1,756	-2,089	-2,125	-411	30	-38	-147	105	-593
Dry Water Years	54	-243	-619	-1,383	-2,806	-2,342	-653	380	-294	79	235	-37
Critical Water Years	109	-19	-535	-500	-876	-639	-301	20	-45	-77	-84	8

Table 5A-B5.2.10.4-A. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,072	15,282	68,138	92,255	116,866	85,617	46,085	22,319	9,808	11,177	9,267	9,531
20%	7,026	9,487	39,233	70,187	74,723	59,175	32,283	17,414	8,773	10,031	8,857	9,116
30%	6,543	8,398	22,157	36,998	57,104	41,322	21,415	13,138	8,209	9,421	8,228	8,808
40%	6,083	7,730	16,715	27,706	38,985	30,373	17,001	11,161	7,741	8,878	7,509	7,745
50%	5,709	6,441	12,502	22,938	31,240	21,238	14,119	9,582	7,437	8,207	6,815	5,216
60%	5,414	5,509	9,876	15,524	21,878	18,224	10,759	8,905	7,090	7,679	5,809	4,566
70%	4,847	4,796	7,856	11,802	16,959	16,104	8,921	8,311	6,721	6,523	4,468	4,264
80%	4,252	4,757	6,236	9,323	14,465	11,374	8,370	7,548	5,517	4,871	4,032	4,005
90%	4,000	4,500	5,469	8,501	11,471	9,533	7,589	6,081	4,827	4,380	3,564	3,808

Table 5A-B5.2.10.4-B. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,230	9,052	25,394	40,725	49,227	39,398	21,924	12,657	7,525	7,908	6,512	6,526
Wet Water Years	7,158	13,703	47,809	81,433	88,313	72,289	38,907	18,230	8,614	9,793	8,759	9,433
Above Normal Water Years	6,692	8,436	22,356	40,576	60,793	45,418	17,936	14,323	9,019	9,430	7,852	8,407
Below Normal Water Years	5,899	7,081	13,907	18,165	28,390	20,215	14,690	10,553	7,218	8,092	5,812	4,844
Dry Water Years	5,371	5,557	9,959	13,401	19,509	17,366	10,137	8,647	6,536	5,363	4,212	4,037
Critical Water Years	5,047	5,070	8,923	9,650	12,880	11,702	7,634	5,321	5,229	4,155	3,531	3,672

Table 5A-B5.2.10.4-C. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-373	-1,885	-3,435	-4,868	-899	-4,143	3	-467	-3	-175	-384	49
20%	47	-571	-4,457	-3,418	-371	302	-562	-924	-84	-340	-308	136
30%	41	-213	-2,478	-2,743	-2,099	-3,457	-1,334	-717	1	-141	50	76
40%	290	-479	-1,735	-1,922	-3,407	-2,659	-545	521	23	-143	148	-403
50%	157	-718	-1,181	-2,283	-1,272	-4,570	-217	357	-75	-178	114	-1,123
60%	283	-934	-702	-2,781	-1,850	-2,154	-979	54	-127	-141	340	-545
70%	131	-479	-155	-699	-2,520	-2,150	-757	323	-96	65	91	-201
80%	-4	-35	-245	-794	-1,891	-3,531	-284	132	5	-98	139	-98
90%	0	0	34	-239	-74	-762	-83	-22	38	6	-18	13

Table 5A-B5.2.10.4-D. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-22	-661	-1,447	-2,141	-1,967	-1,853	-452	-71	-62	-125	3	-184
Wet Water Years	-364	-1,019	-2,411	-3,112	-1,539	-1,075	-416	-435	-26	-188	-161	-39
Above Normal Water Years	367	-1,019	-1,783	-2,662	-2,679	-3,299	-225	-69	-1	-195	281	23
Below Normal Water Years	154	-602	-936	-1,848	-2,205	-2,286	-497	18	-26	-124	98	-609
Dry Water Years	61	-258	-615	-1,514	-2,991	-2,950	-736	566	-294	60	132	-41
Critical Water Years	144	-7	-617	-448	-903	-691	-294	-6	-13	-122	-114	16

Table 5A-B5.2.10.5-A. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,083	15,014	67,692	92,236	116,510	85,966	46,082	22,316	9,811	11,070	9,151	9,528
20%	6,882	9,519	39,766	69,948	74,593	58,241	32,293	17,596	8,780	10,077	8,859	9,017
30%	6,577	8,392	22,186	36,064	57,109	41,806	21,415	13,138	8,153	9,433	8,217	8,772
40%	6,050	7,725	16,780	28,286	39,157	30,362	17,287	10,632	7,689	8,827	7,472	7,753
50%	5,668	6,378	12,677	23,065	31,021	21,888	14,136	9,308	7,475	8,177	6,699	5,198
60%	5,397	5,662	9,870	15,787	22,363	18,387	10,760	8,919	7,205	7,680	5,854	4,612
70%	4,742	4,914	7,861	11,645	17,007	16,118	9,139	8,337	6,706	6,484	4,507	4,266
80%	4,218	4,746	6,247	9,327	14,464	12,303	8,390	7,445	5,521	4,952	4,061	4,010
90%	4,000	4,500	5,549	8,503	11,527	9,683	7,636	6,093	4,838	4,383	3,572	3,794

Table 5A-B5.2.10.5-B. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,197	9,048	25,490	40,830	49,306	39,552	21,959	12,628	7,525	7,910	6,526	6,520
Wet Water Years	7,124	13,728	47,940	81,603	88,371	72,280	38,888	18,208	8,632	9,795	8,746	9,414
Above Normal Water Years	6,697	8,359	22,482	40,651	60,928	45,722	18,009	14,318	9,026	9,433	7,815	8,360
Below Normal Water Years	5,842	7,062	14,010	18,256	28,446	20,326	14,777	10,565	7,206	8,064	5,819	4,860
Dry Water Years	5,365	5,571	9,956	13,531	19,695	17,973	10,220	8,462	6,537	5,382	4,316	4,042
Critical Water Years	5,012	5,058	9,005	9,597	12,907	11,755	7,626	5,346	5,198	4,201	3,561	3,665

Table 5A-B5.2.10.5-C. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-362	-2,153	-3,881	-4,887	-1,255	-3,794	0	-471	0	-282	-500	46
20%	-97	-539	-3,924	-3,657	-501	-631	-552	-742	-77	-294	-305	38
30%	74	-220	-2,450	-3,677	-2,094	-2,973	-1,334	-717	-55	-129	39	39
40%	256	-484	-1,670	-1,341	-3,235	-2,670	-259	-7	-29	-194	111	-394
50%	116	-781	-1,005	-2,156	-1,490	-3,920	-200	83	-37	-208	-3	-1,141
60%	266	-780	-708	-2,518	-1,364	-1,991	-977	67	-12	-140	385	-499
70%	27	-361	-150	-857	-2,472	-2,136	-540	349	-111	27	130	-199
80%	-38	-47	-234	-791	-1,892	-2,601	-265	29	9	-17	167	-93
90%	0	0	114	-237	-17	-612	-36	-10	49	9	-10	-1

Table 5A-B5.2.10.5-D. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-55	-665	-1,350	-2,037	-1,888	-1,699	-417	-100	-62	-124	16	-191
Wet Water Years	-398	-995	-2,280	-2,942	-1,481	-1,084	-436	-456	-9	-186	-173	-57
Above Normal Water Years	372	-1,095	-1,657	-2,588	-2,544	-2,994	-152	-73	7	-192	245	-24
Below Normal Water Years	98	-621	-834	-1,757	-2,149	-2,175	-410	30	-38	-152	106	-593
Dry Water Years	55	-244	-619	-1,384	-2,805	-2,343	-653	380	-293	80	235	-37
Critical Water Years	109	-19	-535	-501	-876	-639	-301	20	-45	-76	-84	8

B.2.11 Fremont Weir Spills

Figure 5A-B5.2.11.1-A. Fremont Weir Spills Monthly Flow (C_YBP037), Probability of Exceedance for No Project Alternatives, October to March

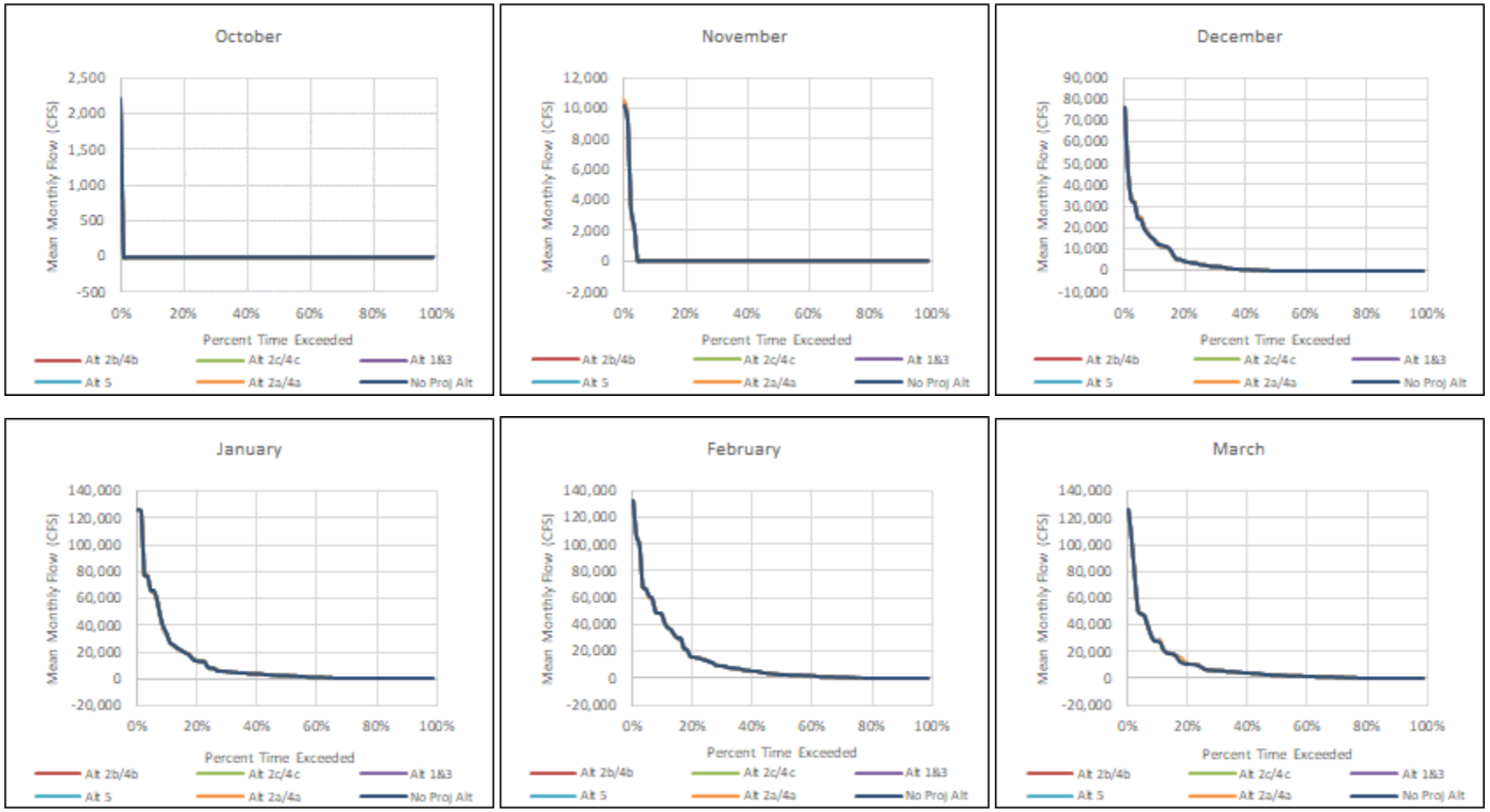


Figure 5A-B5.2.11.1-B. Fremont Weir Spills Monthly Flow (C_YBP037), Probability of Exceedance for No Project Alternatives, April to September

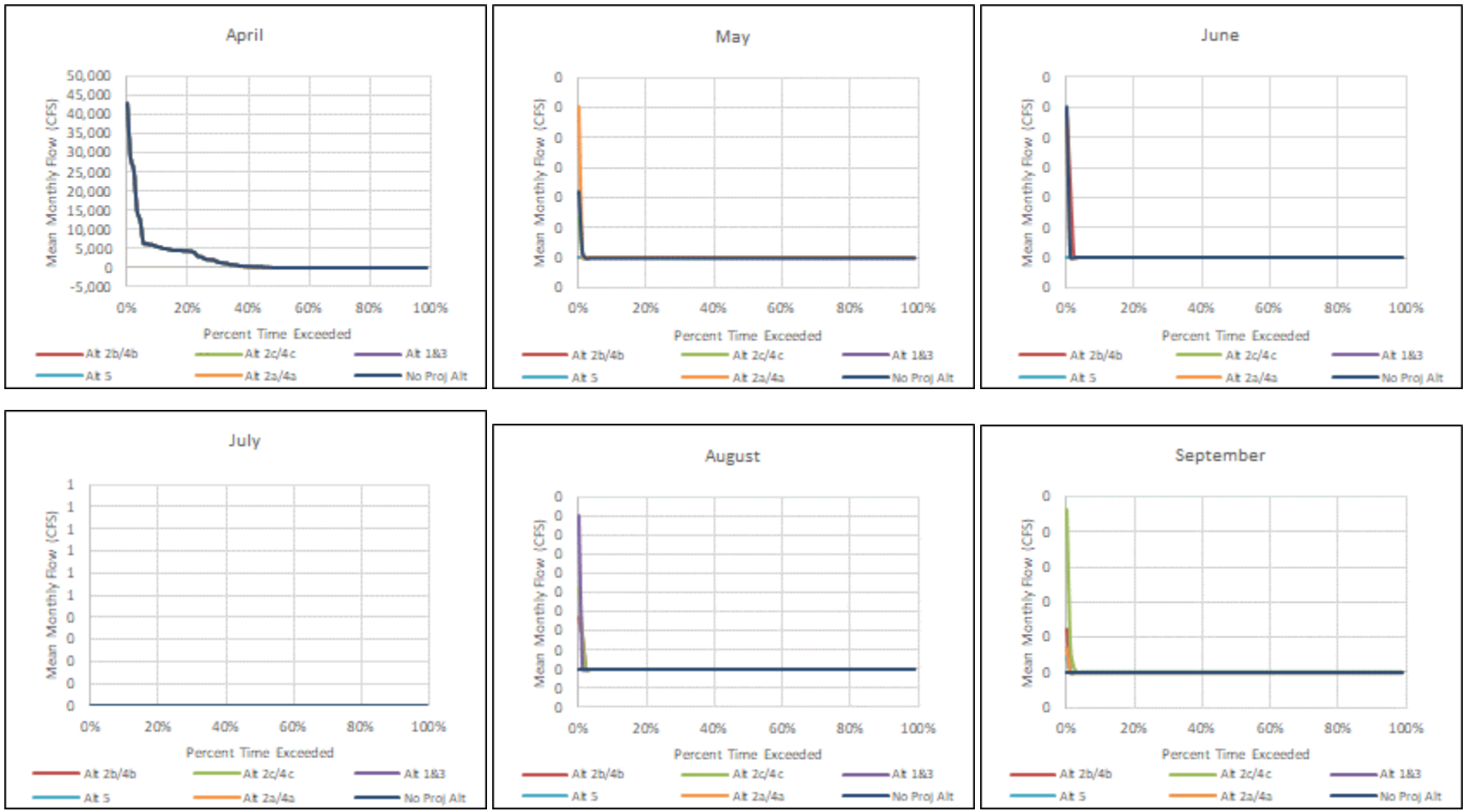


Table 5A-B5.2.11.1-A. Fremont Weir Spills Monthly Flow (C_YBP037), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	14,260	31,995	45,807	27,376	5,562	0	0	0	0	0
20%	0	0	4,661	13,141	16,158	10,710	4,483	0	0	0	0	0
30%	0	0	2,171	5,269	9,481	5,832	1,605	0	0	0	0	0
40%	0	0	737	3,489	5,673	4,197	447	0	0	0	0	0
50%	0	0	141	2,157	2,903	2,592	95	0	0	0	0	0
60%	0	0	2	841	2,121	1,582	16	0	0	0	0	0
70%	0	0	0	107	869	994	3	0	0	0	0	0
80%	0	0	0	8	234	150	0	0	0	0	0	0
90%	0	0	0	1	9	0	0	0	0	0	0	0

Table 5A-B5.2.11.1-B. Fremont Weir Spills Monthly Flow (C_YBP037), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	24	268	4,650	11,341	13,605	9,862	2,530	0	0	0	0	0
Wet Water Years	67	764	11,379	28,525	30,477	23,149	6,361	0	0	0	0	0
Above Normal Water Years	0	0	3,153	7,502	16,541	9,259	983	0	0	0	0	0
Below Normal Water Years	0	0	1,096	1,682	3,708	1,998	681	0	0	0	0	0
Dry Water Years	0	0	124	852	1,591	1,558	89	0	0	0	0	0
Critical Water Years	0	0	253	129	467	501	13	0	0	0	0	0

Table 5A-B5.2.11.1-C. Fremont Weir Spills Monthly Flow (C_YBP037), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	14,595	31,514	45,750	27,838	5,561	0	0	0	0	0
20%	0	0	4,663	13,402	16,164	11,020	4,479	0	0	0	0	0
30%	0	0	2,171	5,244	9,332	5,935	1,641	0	0	0	0	0
40%	0	0	737	3,502	5,675	4,132	432	0	0	0	0	0
50%	0	0	150	2,157	3,050	2,558	92	0	0	0	0	0
60%	0	0	2	837	2,112	1,584	17	0	0	0	0	0
70%	0	0	0	107	856	1,034	1	0	0	0	0	0
80%	0	0	0	10	178	150	0	0	0	0	0	0
90%	0	0	0	1	2	0	0	0	0	0	0	0

Table 5A-B5.2.11.1-D. Fremont Weir Spills Monthly Flow (C_YBP037), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	23	271	4,675	11,315	13,591	9,933	2,530	0	0	0	0	0
Wet Water Years	65	773	11,435	28,469	30,471	23,191	6,362	0	0	0	0	0
Above Normal Water Years	0	0	3,245	7,485	16,456	9,395	985	0	0	0	0	0
Below Normal Water Years	0	0	1,083	1,666	3,725	2,158	674	0	0	0	0	0
Dry Water Years	0	0	121	852	1,536	1,554	93	0	0	0	0	0
Critical Water Years	0	0	253	129	461	501	15	0	0	0	0	0

Table 5A-B5.2.11.1-E. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	335	-482	-57	462	0	0	0	0	0	0
20%	0	0	3	261	6	311	-4	0	0	0	0	0
30%	0	0	0	-25	-150	103	36	0	0	0	0	0
40%	0	0	0	13	2	-65	-15	0	0	0	0	0
50%	0	0	9	0	147	-34	-3	0	0	0	0	0
60%	0	0	0	-3	-9	2	1	0	0	0	0	0
70%	0	0	0	0	-13	40	-3	0	0	0	0	0
80%	0	0	0	2	-56	0	0	0	0	0	0	0
90%	0	0	0	0	-7	0	0	0	0	0	0	0

Table 5A-B5.2.11.1-F. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	3	24	-26	-15	71	-1	0	0	0	0	0
Wet Water Years	-2	9	55	-56	-7	42	1	0	0	0	0	0
Above Normal Water Years	0	0	92	-16	-85	137	2	0	0	0	0	0
Below Normal Water Years	0	0	-12	-15	18	160	-7	0	0	0	0	0
Dry Water Years	0	0	-4	0	-56	-5	4	0	0	0	0	0
Critical Water Years	0	0	0	0	-6	0	2	0	0	0	0	0

Table 5A-B5.2.11.2-A. Fremont Weir Spills Monthly Flow (C_YBP037), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	14,463	31,519	45,711	27,853	5,561	0	0	0	0	0
20%	0	0	4,663	13,395	16,163	11,020	4,426	0	0	0	0	0
30%	0	0	2,170	5,245	9,336	5,927	1,643	0	0	0	0	0
40%	0	0	736	3,503	5,675	4,120	403	0	0	0	0	0
50%	0	0	151	2,157	2,904	2,558	85	0	0	0	0	0
60%	0	0	2	841	2,112	1,584	16	0	0	0	0	0
70%	0	0	0	107	883	1,033	1	0	0	0	0	0
80%	0	0	0	10	178	150	0	0	0	0	0	0
90%	0	0	0	1	2	0	0	0	0	0	0	0

Table 5A-B5.2.11.2-B. Fremont Weir Spills Monthly Flow (C_YBP037), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	23	270	4,672	11,306	13,593	9,927	2,527	0	0	0	0	0
Wet Water Years	65	770	11,422	28,460	30,485	23,170	6,358	0	0	0	0	0
Above Normal Water Years	0	0	3,255	7,403	16,462	9,396	990	0	0	0	0	0
Below Normal Water Years	0	0	1,086	1,667	3,731	2,162	671	0	0	0	0	0
Dry Water Years	0	0	120	862	1,500	1,555	86	0	0	0	0	0
Critical Water Years	0	0	257	129	467	502	15	0	0	0	0	0

Table 5A-B5.2.11.2-C. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	203	-476	-96	478	0	0	0	0	0	0
20%	0	0	3	254	5	311	-58	0	0	0	0	0
30%	0	0	-1	-24	-145	95	38	0	0	0	0	0
40%	0	0	-1	14	2	-77	-44	0	0	0	0	0
50%	0	0	10	1	0	-34	-10	0	0	0	0	0
60%	0	0	0	0	-9	2	0	0	0	0	0	0
70%	0	0	0	0	14	39	-3	0	0	0	0	0
80%	0	0	0	2	-56	0	0	0	0	0	0	0
90%	0	0	0	0	-7	0	0	0	0	0	0	0

Table 5A-B5.2.11.2-D. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	2	22	-35	-12	65	-3	0	0	0	0	0
Wet Water Years	-2	6	43	-66	8	21	-2	0	0	0	0	0
Above Normal Water Years	0	0	102	-99	-79	137	7	0	0	0	0	0
Below Normal Water Years	0	0	-10	-14	23	165	-10	0	0	0	0	0
Dry Water Years	0	0	-4	10	-91	-4	-3	0	0	0	0	0
Critical Water Years	0	0	5	0	1	1	2	0	0	0	0	0

Table 5A-B5.2.11.3-A. Fremont Weir Spills Monthly Flow (C_YBP037), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	14,476	31,506	45,717	27,848	5,562	0	0	0	0	0
20%	0	0	4,666	13,394	16,182	11,021	4,444	0	0	0	0	0
30%	0	0	2,171	5,269	9,331	5,916	1,642	0	0	0	0	0
40%	0	0	743	3,507	5,676	4,125	404	0	0	0	0	0
50%	0	0	151	2,157	2,894	2,562	63	0	0	0	0	0
60%	0	0	2	841	2,113	1,585	11	0	0	0	0	0
70%	0	0	0	107	882	999	0	0	0	0	0	0
80%	0	0	0	10	177	150	0	0	0	0	0	0
90%	0	0	0	1	2	0	0	0	0	0	0	0

Table 5A-B5.2.11.3-B. Fremont Weir Spills Monthly Flow (C_YBP037), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	21	271	4,672	11,321	13,592	9,958	2,525	0	0	0	0	0
Wet Water Years	61	772	11,428	28,488	30,478	23,262	6,361	0	0	0	0	0
Above Normal Water Years	0	0	3,229	7,421	16,457	9,396	990	0	0	0	0	0
Below Normal Water Years	0	0	1,087	1,680	3,743	2,156	664	0	0	0	0	0
Dry Water Years	0	0	120	862	1,499	1,553	86	0	0	0	0	0
Critical Water Years	0	0	252	129	452	500	6	0	0	0	0	0

Table 5A-B5.2.11.3-C. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	217	-489	-90	472	0	0	0	0	0	0
20%	0	0	5	254	24	311	-39	0	0	0	0	0
30%	0	0	0	0	-150	84	38	0	0	0	0	0
40%	0	0	6	19	2	-72	-43	0	0	0	0	0
50%	0	0	11	1	-9	-30	-31	0	0	0	0	0
60%	0	0	0	0	-8	3	-4	0	0	0	0	0
70%	0	0	0	0	14	5	-3	0	0	0	0	0
80%	0	0	0	2	-57	0	0	0	0	0	0	0
90%	0	0	0	0	-7	0	0	0	0	0	0	0

Table 5A-B5.2.11.3-D. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-2	3	21	-20	-14	96	-5	0	0	0	0	0
Wet Water Years	-7	8	49	-37	0	113	1	0	0	0	0	0
Above Normal Water Years	0	0	76	-81	-84	138	7	0	0	0	0	0
Below Normal Water Years	0	0	-8	-2	35	159	-17	0	0	0	0	0
Dry Water Years	0	0	-4	10	-92	-5	-2	0	0	0	0	0
Critical Water Years	0	0	0	0	-14	-1	-8	0	0	0	0	0

Table 5A-B5.2.11.4-A. Fremont Weir Spills Monthly Flow (C_YBP037), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	14,470	31,502	45,718	27,842	5,562	0	0	0	0	0
20%	0	0	4,653	13,294	16,181	11,023	4,441	0	0	0	0	0
30%	0	0	2,171	5,269	9,557	5,919	1,638	0	0	0	0	0
40%	0	0	746	3,518	5,677	4,124	398	0	0	0	0	0
50%	0	0	151	2,157	2,895	2,559	64	0	0	0	0	0
60%	0	0	1	841	2,112	1,585	12	0	0	0	0	0
70%	0	0	0	107	859	999	0	0	0	0	0	0
80%	0	0	0	10	187	137	0	0	0	0	0	0
90%	0	0	0	1	2	0	0	0	0	0	0	0

Table 5A-B5.2.11.4-B. Fremont Weir Spills Monthly Flow (C_YBP037), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	21	267	4,692	11,330	13,582	9,973	2,521	0	0	0	0	0
Wet Water Years	61	760	11,483	28,475	30,444	23,281	6,361	0	0	0	0	0
Above Normal Water Years	0	0	3,239	7,444	16,469	9,400	981	0	0	0	0	0
Below Normal Water Years	0	0	1,086	1,720	3,746	2,198	658	0	0	0	0	0
Dry Water Years	0	0	121	867	1,500	1,535	79	0	0	0	0	0
Critical Water Years	0	0	253	129	452	500	6	0	0	0	0	0

Table 5A-B5.2.11.4-C. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	210	-493	-89	466	0	0	0	0	0	0
20%	0	0	-7	154	23	313	-42	0	0	0	0	0
30%	0	0	0	0	76	88	34	0	0	0	0	0
40%	0	0	9	29	4	-73	-48	0	0	0	0	0
50%	0	0	11	0	-8	-33	-31	0	0	0	0	0
60%	0	0	-1	0	-8	3	-4	0	0	0	0	0
70%	0	0	0	0	-10	5	-3	0	0	0	0	0
80%	0	0	0	2	-47	-14	0	0	0	0	0	0
90%	0	0	0	0	-7	0	0	0	0	0	0	0

Table 5A-B5.2.11.4-D. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-2	-1	42	-10	-23	111	-9	0	0	0	0	0
Wet Water Years	-6	-4	104	-50	-33	131	0	0	0	0	0	0
Above Normal Water Years	0	0	86	-58	-72	141	-2	0	0	0	0	0
Below Normal Water Years	0	0	-10	38	39	200	-23	0	0	0	0	0
Dry Water Years	0	0	-3	14	-91	-23	-10	0	0	0	0	0
Critical Water Years	0	0	0	0	-14	-1	-7	0	0	0	0	0

Table 5A-B5.2.11.5-A. Fremont Weir Spills Monthly Flow (C_YBP037), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	14,477	31,506	45,717	27,848	5,562	0	0	0	0	0
20%	0	0	4,666	13,392	16,181	11,021	4,444	0	0	0	0	0
30%	0	0	2,171	5,269	9,330	5,916	1,642	0	0	0	0	0
40%	0	0	744	3,508	5,676	4,126	404	0	0	0	0	0
50%	0	0	151	2,157	2,894	2,562	63	0	0	0	0	0
60%	0	0	2	841	2,113	1,585	11	0	0	0	0	0
70%	0	0	0	107	882	999	0	0	0	0	0	0
80%	0	0	0	10	178	151	0	0	0	0	0	0
90%	0	0	0	1	2	0	0	0	0	0	0	0

Table 5A-B5.2.11.5-B. Fremont Weir Spills Monthly Flow (C_YBP037), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	21	271	4,674	11,320	13,589	9,958	2,525	0	0	0	0	0
Wet Water Years	61	772	11,432	28,484	30,477	23,262	6,361	0	0	0	0	0
Above Normal Water Years	0	0	3,231	7,421	16,457	9,396	990	0	0	0	0	0
Below Normal Water Years	0	0	1,087	1,680	3,736	2,156	664	0	0	0	0	0
Dry Water Years	0	0	120	862	1,499	1,553	86	0	0	0	0	0
Critical Water Years	0	0	252	129	452	500	6	0	0	0	0	0

Table 5A-B5.2.11.5-C. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	217	-489	-90	472	0	0	0	0	0	0
20%	0	0	5	251	23	311	-39	0	0	0	0	0
30%	0	0	0	0	-151	84	38	0	0	0	0	0
40%	0	0	7	19	2	-71	-43	0	0	0	0	0
50%	0	0	11	1	-9	-30	-31	0	0	0	0	0
60%	0	0	0	0	-8	3	-4	0	0	0	0	0
70%	0	0	0	0	14	5	-3	0	0	0	0	0
80%	0	0	0	2	-57	0	0	0	0	0	0	0
90%	0	0	0	0	-7	0	0	0	0	0	0	0

Table 5A-B5.2.11.5-D. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-2	3	23	-21	-16	96	-5	0	0	0	0	0
Wet Water Years	-7	8	53	-41	-1	113	1	0	0	0	0	0
Above Normal Water Years	0	0	78	-81	-84	138	7	0	0	0	0	0
Below Normal Water Years	0	0	-8	-2	29	158	-17	0	0	0	0	0
Dry Water Years	0	0	-4	10	-92	-5	-2	0	0	0	0	0
Critical Water Years	0	0	0	0	-14	-1	-8	0	0	0	0	0

B.2.12 Sacramento Weir Spills

Figure 5A-B5.2.12.1-A. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Probability of Exceedance for No Project Alternatives, October to March

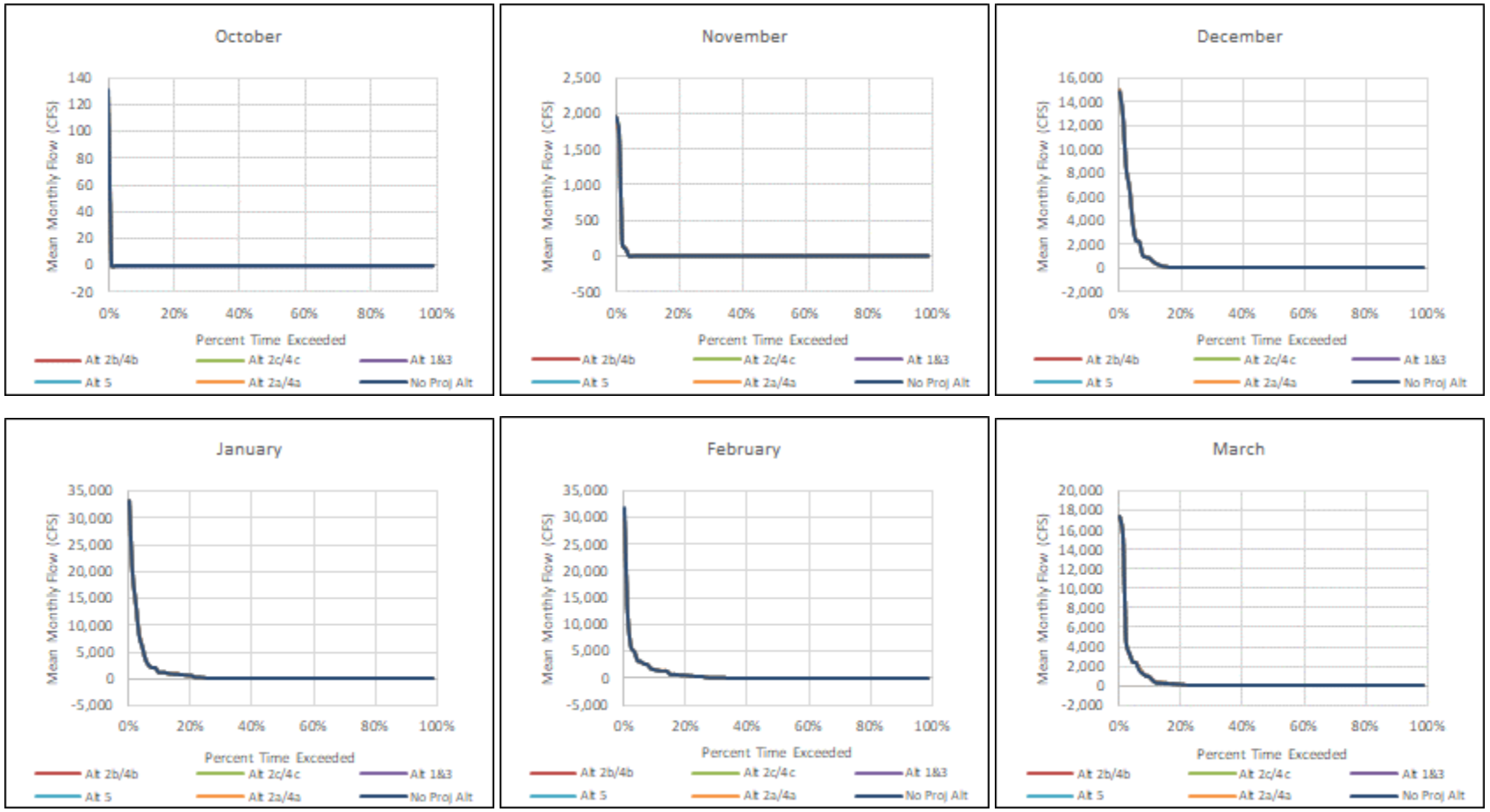


Figure 5A-B5.2.12.1-B. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Probability of Exceedance for No Project Alternatives, April to September

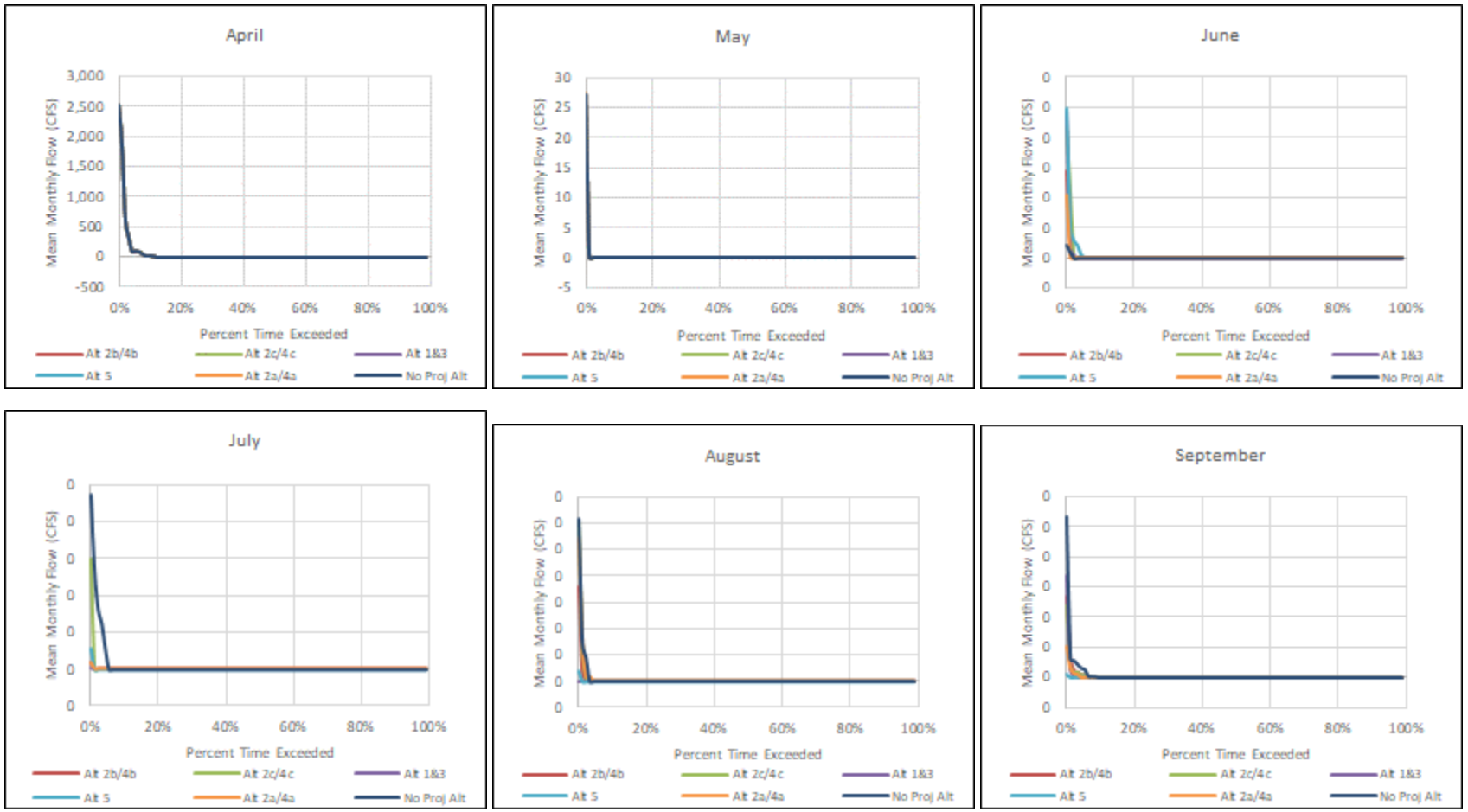


Table 5A-B5.2.12.1-A. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	762	1,135	1,639	824	28	0	0	0	0	0
20%	0	0	5	574	589	100	0	0	0	0	0	0
30%	0	0	0	7	96	5	0	0	0	0	0	0
40%	0	0	0	0	27	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.1-B. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	42	589	1,077	886	561	62	0	0	0	0	0
Wet Water Years	4	121	1,630	2,925	2,210	1,560	176	1	0	0	0	0
Above Normal Water Years	0	0	118	521	842	118	0	0	0	0	0	0
Below Normal Water Years	0	0	22	1	105	7	3	0	0	0	0	0
Dry Water Years	0	0	0	0	0	1	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.1-C. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	747	1,124	1,638	850	28	0	0	0	0	0
20%	0	0	5	563	588	100	0	0	0	0	0	0
30%	0	0	0	6	96	6	0	0	0	0	0	0
40%	0	0	0	0	27	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.1-D. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	42	593	1,076	862	565	62	0	0	0	0	0
Wet Water Years	4	121	1,639	2,922	2,141	1,567	176	1	0	0	0	0
Above Normal Water Years	0	0	120	517	842	122	0	0	0	0	0	0
Below Normal Water Years	0	0	22	1	105	11	3	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.1-E. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	-15	-11	-1	25	0	0	0	0	0	0
20%	0	0	0	-11	-1	0	0	0	0	0	0	0
30%	0	0	0	-1	0	1	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.1-F. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	4	-1	-24	4	0	0	0	0	0	0
Wet Water Years	0	0	10	-3	-69	7	0	0	0	0	0	0
Above Normal Water Years	0	0	3	-3	-1	4	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	1	5	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.2-A. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	746	1,126	1,638	851	28	0	0	0	0	0
20%	0	0	5	561	587	100	0	0	0	0	0	0
30%	0	0	0	6	96	6	0	0	0	0	0	0
40%	0	0	0	0	27	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.2-B. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	42	591	1,075	862	565	62	0	0	0	0	0
Wet Water Years	4	121	1,633	2,922	2,142	1,567	176	1	0	0	0	0
Above Normal Water Years	0	0	121	512	840	122	0	0	0	0	0	0
Below Normal Water Years	0	0	22	1	105	11	3	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.2-C. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	-16	-9	-1	27	0	0	0	0	0	0
20%	0	0	0	-13	-2	0	0	0	0	0	0	0
30%	0	0	0	-1	0	1	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.2-D. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	1	-2	-24	4	0	0	0	0	0	0
Wet Water Years	0	0	3	-3	-68	7	0	0	0	0	0	0
Above Normal Water Years	0	0	3	-9	-2	4	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	1	5	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.3-A. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	747	1,126	1,638	851	28	0	0	0	0	0
20%	0	0	5	566	586	100	0	0	0	0	0	0
30%	0	0	0	8	96	6	0	0	0	0	0	0
40%	0	0	0	0	27	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.3-B. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	42	592	1,076	862	565	62	0	0	0	0	0
Wet Water Years	3	118	1,635	2,924	2,141	1,569	176	1	0	0	0	0
Above Normal Water Years	0	0	120	515	841	122	0	0	0	0	0	0
Below Normal Water Years	0	0	22	1	107	11	3	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.3-C. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	-15	-9	-1	26	0	0	0	0	0	0
20%	0	0	0	-7	-3	0	0	0	0	0	0	0
30%	0	0	0	0	0	1	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.3-D. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	-1	2	-1	-24	5	0	0	0	0	0	0
Wet Water Years	0	-3	6	-2	-69	9	0	0	0	0	0	0
Above Normal Water Years	0	0	2	-6	-1	4	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	2	4	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.4-A. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	747	1,124	1,638	850	28	0	0	0	0	0
20%	0	0	5	566	586	100	0	0	0	0	0	0
30%	0	0	0	8	96	6	0	0	0	0	0	0
40%	0	0	0	0	27	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.4-B. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	41	593	1,078	861	566	62	0	0	0	0	0
Wet Water Years	3	118	1,639	2,928	2,139	1,570	176	1	0	0	0	0
Above Normal Water Years	0	0	121	515	841	122	0	0	0	0	0	0
Below Normal Water Years	0	0	22	1	108	12	3	0	0	0	0	0
Dry Water Years	0	0	0	0	0	1	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.4-C. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	-15	-11	-1	26	0	0	0	0	0	0
20%	0	0	0	-7	-3	0	0	0	0	0	0	0
30%	0	0	0	0	0	1	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.4-D. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	-1	3	1	-24	5	0	0	0	0	0	0
Wet Water Years	0	-3	9	3	-71	10	0	0	0	0	0	0
Above Normal Water Years	0	0	3	-5	-1	4	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	3	5	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.5-A. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	747	1,126	1,638	851	28	0	0	0	0	0
20%	0	0	5	566	586	100	0	0	0	0	0	0
30%	0	0	0	8	96	6	0	0	0	0	0	0
40%	0	0	0	0	27	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.5-B. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	42	592	1,076	862	565	62	0	0	0	0	0
Wet Water Years	3	118	1,636	2,923	2,141	1,569	176	1	0	0	0	0
Above Normal Water Years	0	0	120	515	841	122	0	0	0	0	0	0
Below Normal Water Years	0	0	22	1	107	11	3	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.5-C. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	-15	-9	-1	26	0	0	0	0	0	0
20%	0	0	0	-7	-3	0	0	0	0	0	0	0
30%	0	0	0	0	0	1	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.2.12.5-D. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	-1	2	-1	-24	5	0	0	0	0	0	0
Wet Water Years	0	-3	6	-2	-69	9	0	0	0	0	0	0
Above Normal Water Years	0	0	2	-6	-1	4	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	2	4	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

B.2.13 Yolo Bypass at Lisbon Weir

Figure 5A-B5.2.13.1-A. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Probability of Exceedance for No Project Alternatives, October to March

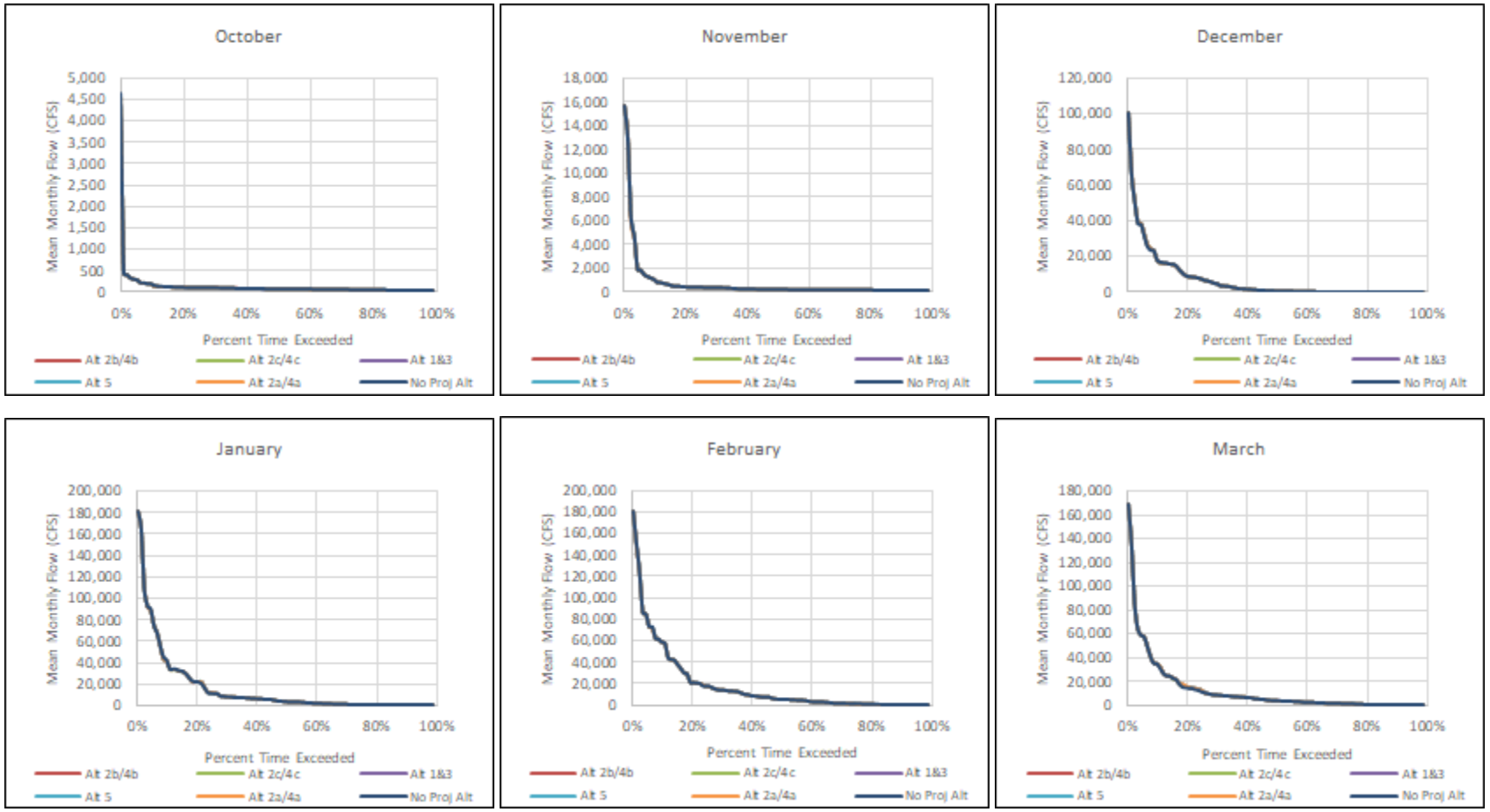


Figure 5A-B5.2.13.1-B. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Probability of Exceedance for No Project Alternatives, April to September

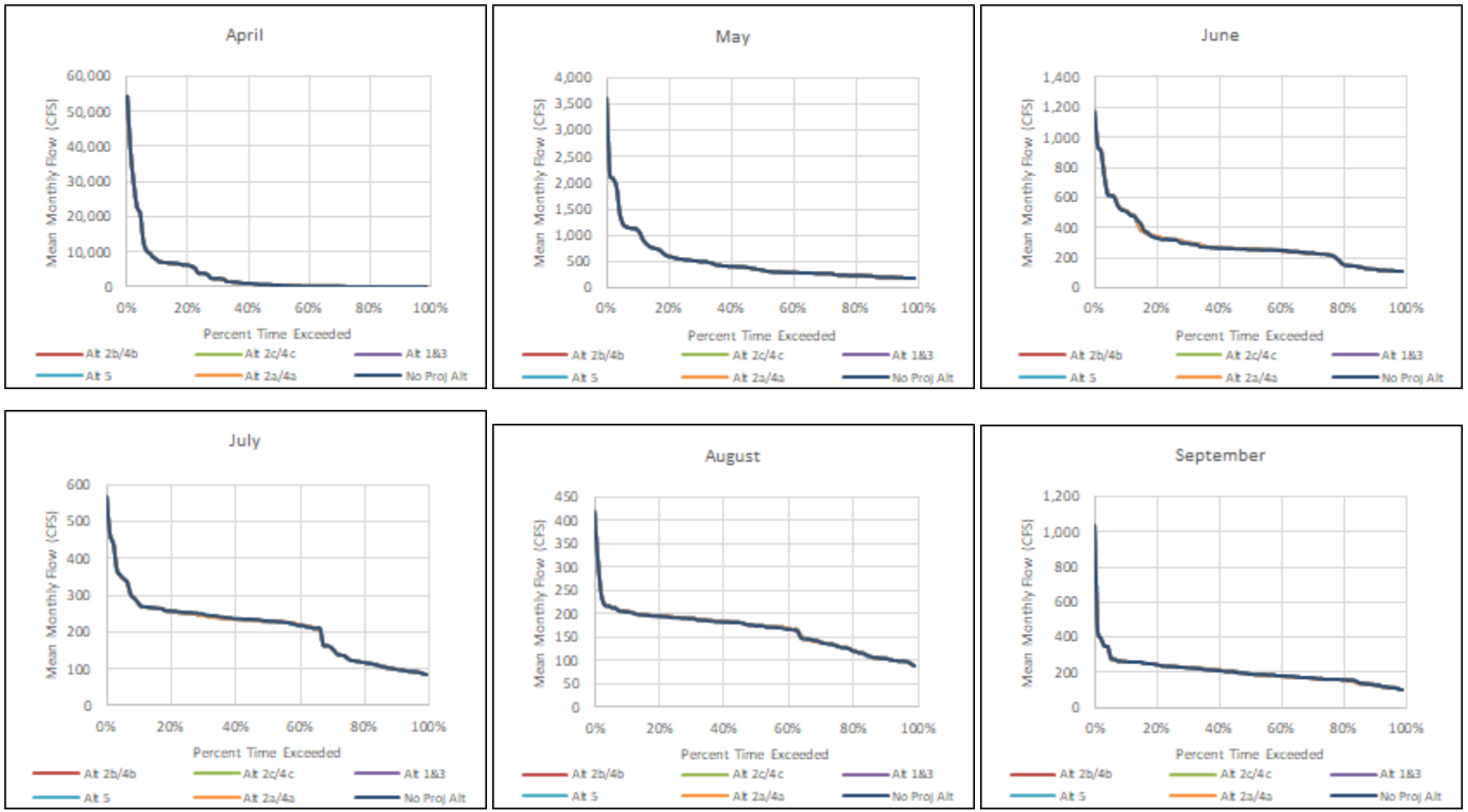


Table 5A-B5.2.13.1-A. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	186	935	17,803	39,435	58,041	33,433	7,840	1,100	509	278	204	262
20%	111	369	9,146	21,638	20,866	14,266	6,404	600	333	257	195	246
30%	104	292	4,916	7,618	13,733	8,357	2,580	502	295	250	189	227
40%	85	197	1,868	5,940	8,737	6,318	1,182	407	262	237	182	211
50%	77	149	863	3,148	5,325	3,600	689	342	254	230	174	192
60%	70	124	404	1,691	3,282	2,315	371	287	247	219	167	181
70%	62	114	210	560	1,596	1,415	276	273	229	160	141	170
80%	50	100	131	284	675	462	233	230	168	119	123	160
90%	44	86	106	147	251	176	195	197	122	101	104	132

Table 5A-B5.2.13.1-B. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	146	689	7,075	15,423	18,220	12,736	3,798	516	295	214	167	210
Wet Water Years	246	1,549	16,495	37,826	39,596	29,549	9,102	865	425	281	205	250
Above Normal Water Years	99	291	4,915	10,523	22,306	11,712	1,758	625	295	243	188	211
Below Normal Water Years	97	276	2,010	2,958	5,752	2,739	1,240	315	259	203	155	210
Dry Water Years	96	172	895	1,736	2,998	2,255	445	269	205	156	138	165
Critical Water Years	67	123	975	464	1,147	1,152	198	198	124	97	102	155

Table 5A-B5.2.13.1-C. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	180	936	17,786	38,922	57,984	33,860	7,841	1,100	510	278	204	262
20%	113	368	8,971	21,648	20,881	15,002	6,414	600	333	257	195	247
30%	105	292	4,913	7,621	13,698	8,355	2,578	501	295	246	189	230
40%	86	197	1,867	5,920	8,737	6,456	1,183	407	262	236	182	214
50%	77	150	775	3,159	5,326	3,575	689	342	254	231	174	195
60%	69	124	404	1,688	3,282	2,317	370	290	246	221	168	182
70%	62	114	210	611	1,502	1,412	289	274	226	160	141	170
80%	50	100	132	284	660	460	227	231	168	119	123	160
90%	44	86	106	147	251	176	195	196	121	101	104	136

Table 5A-B5.2.13.1-D. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	144	692	7,102	15,396	18,182	12,812	3,799	517	295	214	167	211
Wet Water Years	243	1,558	16,560	37,768	39,520	29,600	9,104	866	425	281	205	251
Above Normal Water Years	95	290	5,011	10,493	22,221	11,852	1,757	625	295	243	188	211
Below Normal Water Years	98	275	1,998	2,943	5,771	2,904	1,233	316	258	203	155	211
Dry Water Years	96	172	882	1,742	2,942	2,251	454	269	204	157	138	165
Critical Water Years	68	123	975	465	1,141	1,152	200	198	124	97	102	155

Table 5A-B5.2.13.1-E. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-6	1	-17	-514	-57	427	1	0	0	0	0	0
20%	2	0	-175	10	15	736	11	0	0	0	0	0
30%	0	0	-3	3	-35	-2	-2	-1	0	-4	0	2
40%	1	0	-1	-20	-1	138	1	0	0	-1	0	3
50%	0	0	-89	12	1	-25	0	0	0	0	-1	3
60%	-1	0	0	-3	0	2	-1	3	-1	3	2	0
70%	0	0	0	51	-94	-3	13	2	-4	0	0	0
80%	0	0	0	0	-16	-2	-6	1	0	0	0	0
90%	0	0	0	0	0	0	0	-1	0	0	0	4

Table 5A-B5.2.13.1-F. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	3	27	-26	-39	76	0	1	-1	0	0	1
Wet Water Years	-2	10	65	-57	-76	51	2	1	0	0	0	1
Above Normal Water Years	-4	0	96	-30	-86	140	0	0	0	0	0	0
Below Normal Water Years	0	0	-12	-15	19	164	-7	2	-1	0	0	0
Dry Water Years	0	0	-13	6	-55	-4	9	0	0	0	0	0
Critical Water Years	1	0	0	1	-6	0	2	0	0	0	0	0

Table 5A-B5.2.13.2-A. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	180	937	17,651	38,879	57,970	33,888	7,841	1,100	510	278	204	262
20%	113	368	8,993	21,649	20,881	15,079	6,417	600	333	257	195	247
30%	104	292	4,912	7,621	13,699	8,346	2,578	502	295	246	189	228
40%	86	197	1,867	5,979	8,737	6,461	1,162	407	262	237	182	215
50%	77	150	773	3,156	5,326	3,541	690	342	254	230	174	195
60%	69	124	404	1,692	3,282	2,317	360	290	247	219	168	181
70%	62	113	210	611	1,502	1,415	276	274	226	159	140	170
80%	50	100	132	285	660	460	221	231	168	119	123	160
90%	44	86	106	147	251	176	195	196	121	101	104	136

Table 5A-B5.2.13.2-B. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	144	691	7,097	15,386	18,185	12,806	3,796	517	295	214	167	211
Wet Water Years	243	1,555	16,539	37,757	39,537	29,579	9,101	866	425	281	205	251
Above Normal Water Years	95	286	5,022	10,405	22,226	11,854	1,766	625	295	243	188	211
Below Normal Water Years	97	275	2,000	2,944	5,776	2,909	1,231	317	258	202	156	211
Dry Water Years	96	172	882	1,752	2,908	2,252	441	269	206	157	138	165
Critical Water Years	66	123	980	465	1,148	1,153	200	198	124	97	102	155

Table 5A-B5.2.13.2-C. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-6	2	-153	-556	-70	455	1	0	0	0	0	0
20%	2	0	-154	11	15	813	13	0	0	0	0	0
30%	-1	0	-4	3	-34	-11	-2	0	0	-4	0	1
40%	0	0	-1	39	0	143	-20	0	0	0	0	4
50%	0	1	-91	8	1	-59	1	0	0	0	-1	3
60%	-1	0	0	1	1	3	-11	3	0	0	2	0
70%	0	0	0	51	-94	0	0	2	-3	-1	0	0
80%	0	0	0	1	-15	-2	-13	1	0	0	0	0
90%	0	0	0	0	0	0	0	-1	0	0	1	4

Table 5A-B5.2.13.2-D. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	2	22	-37	-35	71	-2	1	0	0	0	1
Wet Water Years	-3	6	44	-68	-59	31	0	1	0	0	0	1
Above Normal Water Years	-4	-4	107	-118	-81	141	8	0	0	0	0	0
Below Normal Water Years	0	0	-10	-14	24	169	-9	2	-1	-1	0	1
Dry Water Years	0	0	-13	16	-90	-3	-4	0	1	0	0	0
Critical Water Years	-1	0	5	1	1	1	2	0	0	0	0	0

Table 5A-B5.2.13.3-A. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	180	937	17,670	39,038	57,980	33,878	7,842	1,100	511	279	204	262
20%	113	368	8,970	21,649	20,901	15,044	6,417	603	333	257	195	247
30%	104	292	4,911	7,622	13,800	8,338	2,578	504	296	246	189	230
40%	85	193	1,867	5,978	8,742	6,440	1,163	407	265	236	183	216
50%	77	149	776	3,157	5,327	3,542	691	342	255	230	174	195
60%	69	124	404	1,691	3,283	2,317	355	290	248	219	168	182
70%	62	113	210	611	1,502	1,415	275	274	226	159	140	170
80%	50	100	132	285	660	460	217	231	168	119	123	160
90%	44	86	106	147	251	176	195	196	121	101	105	136

Table 5A-B5.2.13.3-B. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	143	691	7,097	15,402	18,185	12,838	3,794	517	295	213	167	211
Wet Water Years	239	1,555	16,548	37,787	39,532	29,675	9,105	867	425	281	205	252
Above Normal Water Years	95	285	4,996	10,428	22,223	11,856	1,766	626	295	243	188	211
Below Normal Water Years	97	275	2,002	2,957	5,790	2,902	1,225	317	258	201	156	211
Dry Water Years	96	173	882	1,752	2,907	2,250	442	269	206	156	138	165
Critical Water Years	66	123	975	465	1,133	1,151	191	198	124	97	102	155

Table 5A-B5.2.13.3-C. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-5	2	-134	-397	-61	445	2	0	2	0	0	0
20%	2	0	-177	11	35	778	13	3	0	0	0	0
30%	-1	0	-6	4	66	-19	-2	1	1	-5	0	2
40%	0	-4	-1	38	5	121	-19	0	2	-1	1	5
50%	0	0	-87	9	2	-58	2	0	1	0	-1	3
60%	-1	0	0	0	1	3	-16	3	1	0	2	0
70%	0	0	0	51	-94	0	-2	2	-3	-1	-1	0
80%	0	0	0	1	-15	-2	-17	1	0	0	0	0
90%	0	0	0	0	0	0	0	-1	0	0	1	4

Table 5A-B5.2.13.3-D. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-3	2	22	-21	-35	102	-4	1	0	0	0	1
Wet Water Years	-7	6	53	-39	-64	126	3	1	0	0	0	2
Above Normal Water Years	-4	-5	81	-95	-83	144	8	1	1	0	0	0
Below Normal Water Years	0	0	-8	-1	39	163	-15	2	-1	-2	0	0
Dry Water Years	0	0	-13	16	-91	-5	-3	0	1	0	0	1
Critical Water Years	-1	0	0	1	-14	0	-8	0	0	0	0	0

Table 5A-B5.2.13.4-A. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	181	937	17,668	39,052	57,982	33,848	7,845	1,101	512	279	204	263
20%	113	368	8,996	21,650	20,902	15,496	6,405	605	340	257	195	247
30%	105	292	4,911	7,626	13,976	8,345	2,578	503	297	246	189	230
40%	86	187	1,870	5,964	8,744	6,444	1,163	408	265	236	183	216
50%	77	150	779	3,159	5,327	3,548	668	342	255	231	174	192
60%	69	125	404	1,692	3,283	2,317	356	291	248	221	168	181
70%	63	114	210	611	1,508	1,398	275	274	226	159	138	170
80%	50	100	132	285	661	458	217	231	167	119	123	160
90%	44	86	106	148	251	176	195	196	122	101	104	131

Table 5A-B5.2.13.4-B. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	143	686	7,117	15,414	18,176	12,855	3,791	517	296	214	167	211
Wet Water Years	239	1,543	16,599	37,781	39,497	29,698	9,106	867	426	282	205	252
Above Normal Water Years	96	283	5,008	10,450	22,235	11,862	1,751	627	296	242	188	211
Below Normal Water Years	97	276	2,002	2,997	5,795	2,945	1,219	317	258	202	156	208
Dry Water Years	96	173	884	1,757	2,908	2,233	434	269	206	157	138	165
Critical Water Years	67	123	976	465	1,133	1,151	191	198	124	97	102	155

Table 5A-B5.2.13.4-C. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-5	2	-136	-383	-58	416	5	1	3	1	1	1
20%	2	0	-150	12	36	1,230	2	5	8	0	0	0
30%	0	1	-5	8	243	-12	-2	1	3	-5	0	3
40%	0	-10	3	24	7	126	-19	1	2	-1	1	5
50%	0	1	-84	12	2	-52	-22	1	1	0	-1	0
60%	-1	0	0	1	1	2	-15	4	1	3	2	-1
70%	0	0	0	51	-88	-17	-1	2	-3	-1	-2	-1
80%	0	0	0	1	-15	-5	-17	2	-1	0	0	0
90%	0	0	0	0	0	0	0	-1	0	1	0	0

Table 5A-B5.2.13.4-D. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-3	-3	42	-9	-45	120	-8	1	0	0	0	0
Wet Water Years	-7	-6	104	-44	-99	149	4	1	1	1	0	2
Above Normal Water Years	-3	-8	93	-72	-71	150	-6	2	2	-1	0	1
Below Normal Water Years	0	0	-8	39	44	205	-21	2	-1	-1	0	-3
Dry Water Years	0	0	-11	21	-90	-22	-11	0	1	0	0	1
Critical Water Years	0	0	0	1	-14	-1	-7	0	0	0	0	0

Table 5A-B5.2.13.5-A. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	180	937	17,670	39,037	57,980	33,878	7,842	1,100	511	279	204	262
20%	113	368	8,970	21,649	20,901	15,044	6,417	603	333	257	195	247
30%	104	292	4,911	7,622	13,799	8,338	2,578	504	296	246	189	230
40%	85	193	1,867	5,978	8,742	6,440	1,163	407	265	236	183	216
50%	77	149	776	3,157	5,327	3,543	691	342	255	230	174	195
60%	69	124	404	1,691	3,283	2,317	355	290	248	219	168	182
70%	62	113	210	611	1,502	1,415	274	274	226	159	140	170
80%	50	100	132	285	660	460	217	231	168	119	123	160
90%	44	86	106	147	251	176	195	196	121	101	105	136

Table 5A-B5.2.13.5-B. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	143	691	7,099	15,401	18,183	12,838	3,794	517	295	213	167	211
Wet Water Years	239	1,555	16,553	37,783	39,531	29,675	9,105	867	425	281	205	252
Above Normal Water Years	95	285	4,998	10,428	22,223	11,856	1,766	626	295	243	188	211
Below Normal Water Years	97	275	2,002	2,957	5,784	2,902	1,225	317	258	201	156	211
Dry Water Years	96	172	882	1,752	2,907	2,250	442	269	206	156	138	165
Critical Water Years	66	123	975	465	1,133	1,151	191	198	124	97	102	155

Table 5A-B5.2.13.5-C. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-5	2	-133	-398	-61	445	2	0	2	0	0	0
20%	2	0	-177	11	35	778	13	3	0	0	0	0
30%	-1	0	-6	4	66	-19	-2	1	1	-5	0	2
40%	0	-4	-1	38	5	122	-19	0	2	-1	1	5
50%	0	0	-87	9	2	-57	2	0	1	0	-1	3
60%	-1	0	0	0	1	3	-16	3	1	0	2	0
70%	0	0	0	51	-94	0	-2	2	-3	-1	-1	0
80%	0	0	0	1	-15	-2	-17	1	0	0	0	0
90%	0	0	0	0	0	0	0	-1	0	0	1	4

Table 5A-B5.2.13.5-D. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-3	2	24	-22	-37	102	-4	1	0	0	0	1
Wet Water Years	-7	6	58	-42	-65	126	3	1	0	0	0	2
Above Normal Water Years	-4	-6	83	-95	-83	144	8	1	1	0	0	0
Below Normal Water Years	0	0	-8	-1	32	162	-15	2	-1	-2	0	0
Dry Water Years	0	0	-13	16	-91	-5	-3	0	1	0	0	1
Critical Water Years	-1	0	0	1	-14	0	-8	0	0	0	0	0

B.2.14 Feather River below Thermalito Afterbay Release

Figure 5A-B5.2.14.1-A. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Probability of Exceedance for No Project Alternatives, October to March

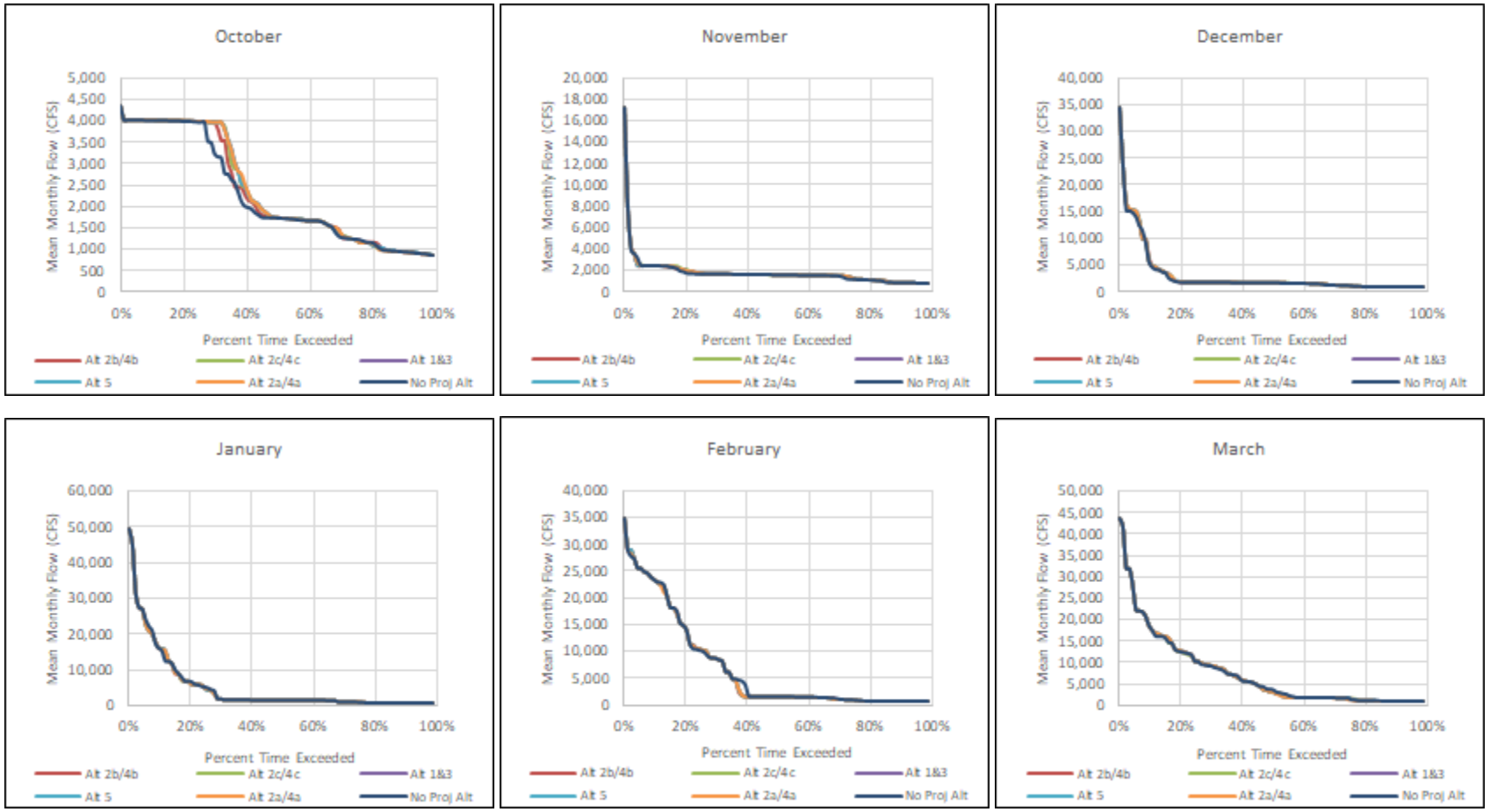


Figure 5A-B5.2.14.1-B. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Probability of Exceedance for No Project Alternatives, April to September

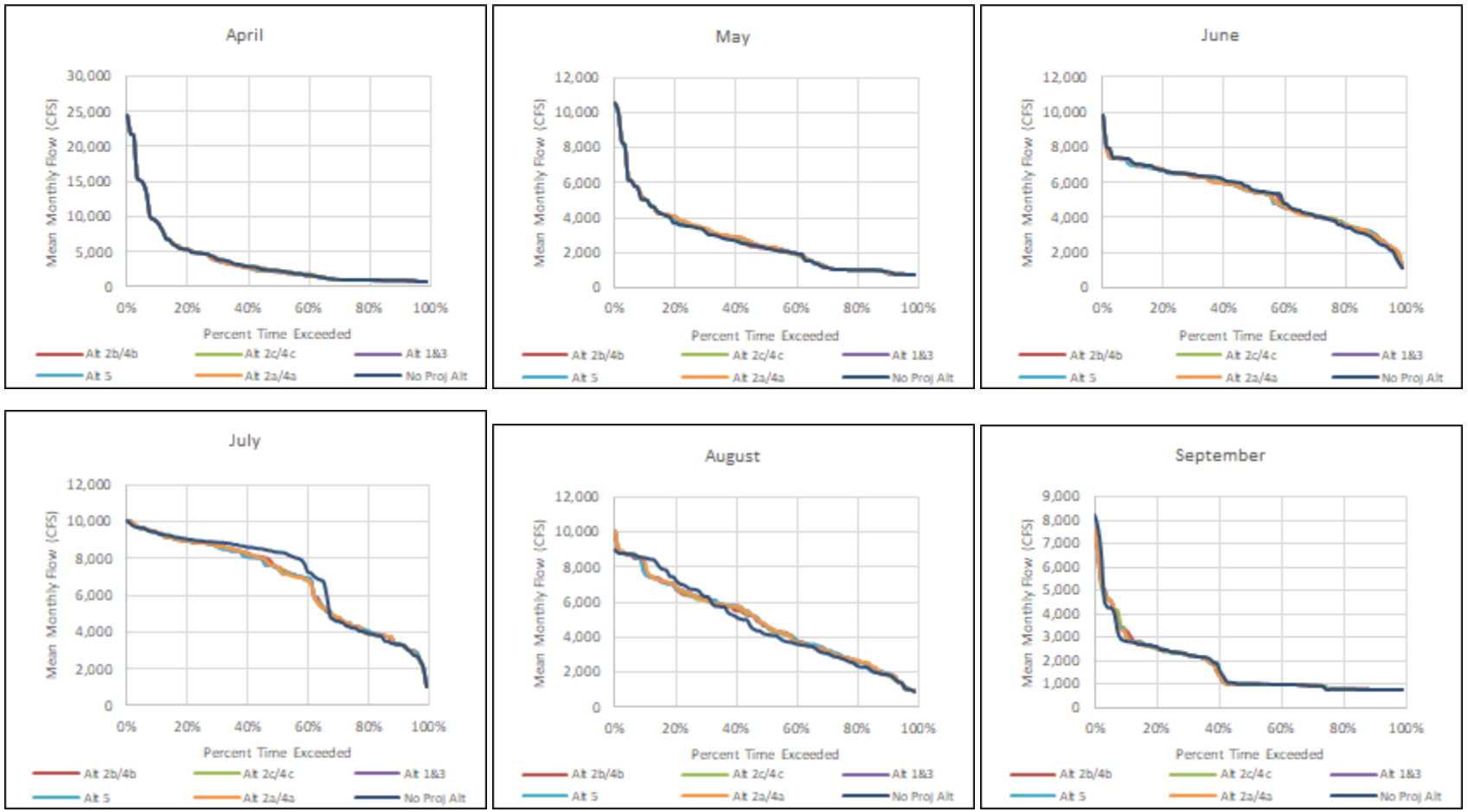


Table 5A-B5.2.14.1-A. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,008	2,466	5,152	15,956	23,311	18,252	9,180	5,040	7,130	9,366	8,484	2,840
20%	3,988	1,826	1,697	6,869	14,409	12,498	5,304	3,697	6,698	9,034	7,271	2,601
30%	3,250	1,674	1,647	2,046	8,811	9,136	3,891	3,207	6,444	8,860	6,301	2,267
40%	1,986	1,646	1,609	1,668	3,458	5,863	2,905	2,680	6,184	8,594	5,179	1,820
50%	1,717	1,621	1,558	1,624	1,662	3,603	2,325	2,263	5,570	8,313	4,169	1,000
60%	1,653	1,573	1,468	1,586	1,582	1,688	1,690	1,959	4,927	7,349	3,620	988
70%	1,283	1,518	1,164	1,149	1,327	1,636	1,081	1,141	4,156	4,557	3,079	938
80%	1,140	1,148	882	879	873	977	975	992	3,531	3,929	2,459	774
90%	927	878	820	807	814	806	934	907	2,820	3,304	1,878	772

Table 5A-B5.2.14.1-B. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,270	1,855	2,985	5,396	7,085	7,474	3,951	2,687	5,242	6,970	4,748	1,776
Wet Water Years	2,372	2,441	5,889	12,487	14,980	15,793	7,340	3,115	4,888	8,224	6,396	2,937
Above Normal Water Years	2,525	1,711	1,605	3,178	9,638	8,516	2,435	3,169	6,451	8,502	5,643	2,428
Below Normal Water Years	2,458	1,535	1,588	1,352	1,956	2,477	1,755	2,746	5,645	7,597	4,305	1,022
Dry Water Years	2,344	1,508	1,238	1,233	1,502	1,874	2,527	2,462	5,735	4,681	2,789	869
Critical Water Years	1,307	1,452	1,099	1,177	1,084	1,175	2,182	1,286	3,864	3,685	2,789	789

Table 5A-B5.2.14.1-C. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,011	2,457	5,824	16,256	23,311	18,247	9,178	5,040	7,038	9,429	7,748	3,303
20%	3,998	2,032	1,756	6,427	14,408	12,498	5,303	4,046	6,697	8,985	6,836	2,534
30%	3,967	1,678	1,663	1,957	8,811	9,204	4,093	3,351	6,457	8,701	6,131	2,261
40%	2,246	1,646	1,611	1,668	1,685	5,839	2,962	2,761	6,076	8,297	5,553	1,495
50%	1,725	1,621	1,573	1,624	1,660	3,100	2,308	2,254	5,497	7,533	4,651	999
60%	1,654	1,581	1,499	1,586	1,582	1,688	1,794	1,906	4,622	6,856	3,956	988
70%	1,418	1,540	1,169	1,148	1,178	1,636	1,006	1,129	4,136	4,772	3,207	942
80%	1,142	1,163	880	879	863	967	976	992	3,709	3,975	2,689	774
90%	925	878	820	807	813	805	931	897	3,036	3,380	1,873	772

Table 5A-B5.2.14.1-D. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,333	1,872	3,061	5,377	7,023	7,474	3,966	2,707	5,244	6,767	4,809	1,765
Wet Water Years	2,355	2,424	6,002	12,438	14,997	15,811	7,352	3,132	5,110	7,836	6,260	2,970
Above Normal Water Years	2,800	1,710	1,725	3,146	9,494	8,634	2,431	3,165	6,455	7,960	6,126	2,403
Below Normal Water Years	2,582	1,569	1,646	1,353	1,911	2,512	1,753	2,793	5,635	7,476	4,383	947
Dry Water Years	2,352	1,629	1,297	1,232	1,227	1,688	2,542	2,494	5,324	4,820	3,052	869
Critical Water Years	1,365	1,418	1,099	1,185	1,081	1,175	2,263	1,260	3,765	3,669	2,803	789

Table 5A-B5.2.14.1-E. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	-8	672	300	0	-6	-2	0	-92	64	-736	463
20%	9	206	59	-443	-1	0	-2	349	-1	-49	-435	-67
30%	717	4	16	-89	0	68	202	145	13	-159	-169	-5
40%	259	0	3	0	-1,773	-24	57	81	-108	-298	375	-324
50%	8	0	15	0	-2	-503	-17	-9	-73	-780	482	-1
60%	1	8	31	0	0	0	105	-54	-305	-493	336	-1
70%	135	22	5	-1	-149	0	-75	-13	-20	215	129	5
80%	2	15	-2	0	-10	-10	0	0	179	45	230	0
90%	-2	0	0	0	-1	-1	-3	-10	216	76	-4	0

Table 5A-B5.2.14.1-F. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	63	17	76	-19	-62	0	15	20	2	-203	61	-12
Wet Water Years	-17	-17	113	-49	17	18	11	16	222	-388	-136	33
Above Normal Water Years	275	-1	121	-32	-144	118	-4	-3	4	-543	484	-25
Below Normal Water Years	124	34	57	0	-45	35	-3	47	-10	-121	77	-75
Dry Water Years	8	121	58	-1	-275	-185	15	31	-411	139	264	0
Critical Water Years	58	-34	-1	8	-3	-1	81	-26	-99	-16	14	0

Table 5A-B5.2.14.2-A. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,011	2,472	5,340	16,236	23,311	18,247	9,178	5,040	7,059	9,411	7,639	3,257
20%	4,001	2,140	1,835	6,431	14,407	12,498	5,303	4,034	6,695	8,984	6,843	2,521
30%	3,967	1,675	1,668	1,957	8,811	9,203	3,890	3,346	6,453	8,698	6,099	2,261
40%	2,422	1,646	1,625	1,668	1,685	5,840	2,934	2,833	6,075	8,246	5,708	1,496
50%	1,725	1,619	1,578	1,624	1,660	2,998	2,286	2,326	5,496	7,553	4,673	999
60%	1,654	1,581	1,502	1,586	1,582	1,687	1,788	1,906	4,652	6,804	3,908	986
70%	1,356	1,544	1,169	1,147	1,175	1,636	1,002	1,206	4,162	4,806	3,210	942
80%	1,114	1,163	880	879	863	975	967	992	3,695	4,010	2,698	774
90%	927	878	820	807	813	805	931	897	3,088	3,376	1,929	773

Table 5A-B5.2.14.2-B. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,366	1,882	3,059	5,365	7,027	7,461	3,946	2,727	5,246	6,755	4,796	1,766
Wet Water Years	2,392	2,420	5,984	12,440	15,009	15,778	7,352	3,132	5,129	7,827	6,158	2,972
Above Normal Water Years	2,964	1,709	1,740	3,016	9,516	8,635	2,454	3,165	6,451	7,994	6,069	2,399
Below Normal Water Years	2,603	1,571	1,642	1,353	1,912	2,492	1,743	2,792	5,634	7,410	4,477	945
Dry Water Years	2,324	1,623	1,296	1,232	1,227	1,688	2,411	2,602	5,283	4,874	3,087	869
Critical Water Years	1,385	1,505	1,131	1,184	1,060	1,211	2,265	1,288	3,784	3,655	2,779	800

Table 5A-B5.2.14.2-C. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	7	188	280	0	-6	-2	0	-71	45	-846	417
20%	12	314	139	-438	-2	0	-2	336	-2	-50	-428	-79
30%	718	1	21	-89	0	67	-1	140	9	-163	-202	-6
40%	435	0	16	0	-1,773	-23	29	153	-109	-348	529	-324
50%	8	-2	20	0	-2	-604	-39	63	-74	-760	504	-1
60%	1	9	34	0	-1	-1	98	-54	-275	-545	288	-2
70%	73	26	5	-2	-153	0	-80	64	6	250	131	5
80%	-26	15	-2	0	-10	-2	-8	0	164	81	239	0
90%	0	0	0	0	-1	-1	-3	-10	268	72	51	0

Table 5A-B5.2.14.2-D. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	96	26	73	-31	-58	-13	-4	39	4	-215	48	-10
Wet Water Years	20	-21	94	-47	29	-15	11	16	241	-398	-238	35
Above Normal Water Years	439	-2	135	-162	-121	119	19	-4	1	-509	426	-29
Below Normal Water Years	145	36	54	0	-44	15	-12	47	-11	-187	172	-77
Dry Water Years	-20	115	58	-1	-275	-186	-116	139	-452	193	299	0
Critical Water Years	79	53	31	7	-24	35	83	2	-80	-30	-10	11

Table 5A-B5.2.14.3-A. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,011	2,464	5,355	16,238	23,311	18,247	9,178	5,040	7,014	9,410	7,623	3,196
20%	4,002	2,057	1,752	6,431	14,407	12,763	5,303	3,923	6,688	8,975	6,854	2,570
30%	3,968	1,678	1,667	1,971	8,811	9,202	3,745	3,345	6,373	8,660	6,212	2,258
40%	2,426	1,649	1,611	1,668	1,685	5,844	2,718	2,891	5,986	8,097	5,774	1,495
50%	1,725	1,622	1,573	1,624	1,660	2,960	2,145	2,325	5,494	7,509	4,732	999
60%	1,654	1,581	1,500	1,586	1,582	1,687	1,551	1,959	4,665	6,932	3,873	986
70%	1,314	1,544	1,172	1,148	1,175	1,636	999	1,187	4,130	4,785	3,340	942
80%	1,112	1,163	879	879	863	969	967	992	3,638	4,052	2,683	774
90%	928	877	820	807	813	805	915	897	3,139	3,354	1,978	772

Table 5A-B5.2.14.3-B. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,372	1,876	3,054	5,366	7,020	7,472	3,885	2,744	5,221	6,742	4,842	1,762
Wet Water Years	2,405	2,420	5,989	12,432	14,998	15,847	7,352	3,131	5,088	7,830	6,189	2,965
Above Normal Water Years	2,970	1,708	1,701	3,062	9,501	8,634	2,453	3,164	6,448	7,994	6,061	2,399
Below Normal Water Years	2,598	1,566	1,644	1,353	1,906	2,461	1,721	2,844	5,615	7,337	4,501	945
Dry Water Years	2,339	1,623	1,299	1,232	1,227	1,684	2,239	2,619	5,270	4,910	3,259	869
Critical Water Years	1,383	1,475	1,102	1,181	1,060	1,175	2,038	1,289	3,759	3,662	2,810	789

Table 5A-B5.2.14.3-C. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	-2	203	283	0	-6	-2	0	-116	44	-862	356
20%	13	231	55	-438	-2	265	-2	226	-10	-59	-417	-31
30%	719	4	20	-75	0	66	-146	138	-70	-200	-89	-8
40%	440	2	3	0	-1,773	-19	-187	211	-198	-497	595	-324
50%	8	0	15	0	-2	-642	-180	62	-76	-804	563	-1
60%	1	9	32	0	-1	-1	-139	0	-261	-417	252	-2
70%	31	26	8	-1	-153	0	-83	45	-26	228	261	5
80%	-27	15	-3	0	-10	-8	-8	0	108	123	224	0
90%	1	0	0	0	-1	-1	-18	-10	319	50	100	0

Table 5A-B5.2.14.3-D. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	102	21	69	-30	-65	-2	-65	56	-21	-228	94	-14
Wet Water Years	33	-21	99	-55	18	54	11	16	200	-394	-207	29
Above Normal Water Years	445	-2	97	-116	-136	118	18	-4	-3	-509	418	-29
Below Normal Water Years	141	31	55	0	-50	-15	-34	98	-30	-260	196	-77
Dry Water Years	-5	115	60	-1	-275	-190	-289	157	-465	229	471	0
Critical Water Years	77	23	3	4	-24	0	-144	3	-105	-24	21	0

Table 5A-B5.2.14.4-A. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,011	2,459	5,294	16,093	23,311	18,249	9,178	5,041	7,118	9,408	8,242	3,156
20%	4,002	2,055	1,786	6,431	14,407	12,763	5,302	4,037	6,738	8,966	6,927	2,574
30%	3,968	1,678	1,667	1,943	8,811	9,202	3,756	3,386	6,355	8,669	6,122	2,257
40%	2,473	1,649	1,611	1,668	1,685	5,912	2,711	2,906	5,979	8,248	5,738	1,495
50%	1,725	1,622	1,573	1,624	1,660	3,009	2,203	2,332	5,508	7,535	4,745	999
60%	1,652	1,581	1,499	1,586	1,582	1,681	1,565	1,959	4,742	6,837	3,748	986
70%	1,417	1,544	1,169	1,148	1,175	1,620	996	1,179	4,120	4,804	3,277	942
80%	1,128	1,163	879	879	863	947	967	992	3,592	3,895	2,722	774
90%	925	877	820	807	813	805	915	897	3,027	3,305	1,929	772

Table 5A-B5.2.14.4-B. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,374	1,880	3,057	5,363	7,001	7,460	3,893	2,761	5,226	6,750	4,838	1,758
Wet Water Years	2,412	2,421	5,991	12,414	14,944	15,848	7,352	3,131	5,063	7,833	6,230	2,952
Above Normal Water Years	2,965	1,708	1,727	3,095	9,514	8,636	2,458	3,166	6,454	8,000	6,009	2,400
Below Normal Water Years	2,613	1,569	1,643	1,353	1,901	2,483	1,720	2,850	5,640	7,391	4,451	945
Dry Water Years	2,328	1,621	1,297	1,232	1,227	1,560	2,285	2,731	5,282	4,856	3,267	869
Critical Water Years	1,364	1,497	1,101	1,180	1,060	1,175	2,041	1,284	3,795	3,654	2,806	789

Table 5A-B5.2.14.4-C. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	-7	142	137	0	-3	-2	1	-12	42	-242	315
20%	13	230	89	-438	-1	265	-2	340	41	-67	-344	-27
30%	719	4	20	-103	0	66	-136	179	-88	-191	-179	-9
40%	486	2	3	0	-1,773	49	-194	225	-205	-346	559	-325
50%	8	1	15	0	-2	-594	-122	69	-62	-778	575	-2
60%	-1	9	31	0	-1	-7	-125	0	-185	-512	128	-2
70%	134	26	5	-1	-153	-17	-86	37	-36	247	198	5
80%	-12	15	-3	0	-10	-30	-8	-1	62	-35	263	0
90%	-2	0	0	0	-1	-1	-18	-10	207	1	52	0

Table 5A-B5.2.14.4-D. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	104	25	71	-33	-83	-14	-58	74	-16	-221	90	-19
Wet Water Years	40	-20	102	-73	-36	56	11	16	175	-391	-166	15
Above Normal Water Years	440	-2	122	-83	-124	120	23	-3	3	-502	366	-28
Below Normal Water Years	155	34	54	0	-54	6	-35	104	-5	-206	145	-77
Dry Water Years	-16	113	59	-1	-275	-313	-242	269	-453	175	479	0
Critical Water Years	58	45	1	3	-24	-1	-141	-1	-69	-31	17	0

Table 5A-B5.2.14.5-A. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,011	2,465	5,355	16,232	23,311	18,247	9,178	5,040	7,012	9,410	7,623	3,197
20%	4,002	2,057	1,861	6,431	14,407	12,763	5,303	3,923	6,688	8,975	6,854	2,570
30%	3,968	1,678	1,667	1,971	8,811	9,202	3,745	3,345	6,373	8,660	6,210	2,259
40%	2,428	1,649	1,611	1,668	1,685	5,844	2,719	2,890	5,986	8,097	5,772	1,495
50%	1,725	1,622	1,573	1,624	1,660	2,960	2,145	2,325	5,494	7,467	4,731	999
60%	1,654	1,581	1,500	1,586	1,582	1,687	1,551	1,959	4,665	6,934	3,876	986
70%	1,314	1,544	1,172	1,148	1,175	1,636	997	1,187	4,130	4,786	3,339	942
80%	1,112	1,163	879	879	863	969	967	992	3,638	4,055	2,683	774
90%	928	877	820	807	813	805	915	897	3,139	3,354	1,978	772

Table 5A-B5.2.14.5-B. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,372	1,876	3,059	5,364	7,016	7,472	3,885	2,743	5,221	6,742	4,846	1,760
Wet Water Years	2,404	2,420	5,995	12,426	14,998	15,847	7,352	3,131	5,088	7,835	6,200	2,958
Above Normal Water Years	2,970	1,708	1,704	3,062	9,501	8,634	2,453	3,164	6,448	7,992	6,059	2,399
Below Normal Water Years	2,598	1,566	1,654	1,353	1,891	2,462	1,721	2,844	5,614	7,329	4,501	945
Dry Water Years	2,340	1,623	1,299	1,232	1,227	1,684	2,239	2,619	5,271	4,911	3,259	869
Critical Water Years	1,384	1,475	1,102	1,181	1,060	1,175	2,038	1,289	3,760	3,662	2,810	789

Table 5A-B5.2.14.5-C. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	-1	203	276	0	-6	-2	0	-118	44	-862	357
20%	13	231	165	-438	-2	265	-2	226	-10	-59	-417	-31
30%	719	4	20	-75	0	66	-146	138	-70	-200	-91	-8
40%	441	2	3	0	-1,773	-19	-186	210	-198	-497	593	-324
50%	8	0	15	0	-2	-642	-180	62	-76	-846	562	-1
60%	1	9	32	0	-1	-1	-139	0	-261	-415	256	-2
70%	31	26	8	-1	-153	0	-84	46	-26	229	261	5
80%	-27	15	-3	0	-10	-8	-8	0	108	126	224	0
90%	1	0	0	0	-1	-1	-18	-10	319	50	100	0

Table 5A-B5.2.14.5-D. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR_blwTherm), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	102	21	74	-32	-69	-2	-65	56	-21	-228	98	-17
Wet Water Years	32	-21	106	-61	18	54	11	16	200	-389	-196	21
Above Normal Water Years	445	-2	100	-116	-136	118	18	-4	-3	-511	416	-29
Below Normal Water Years	141	30	66	0	-65	-15	-34	98	-31	-268	195	-77
Dry Water Years	-4	115	60	-1	-275	-190	-289	157	-465	230	471	0
Critical Water Years	77	23	3	4	-24	0	-144	3	-105	-24	21	0

B.2.15 Feather River at Sunset Pumps

Figure 5A-B5.2.15.1-A. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Probability of Exceedance for No Project Alternatives, October to March

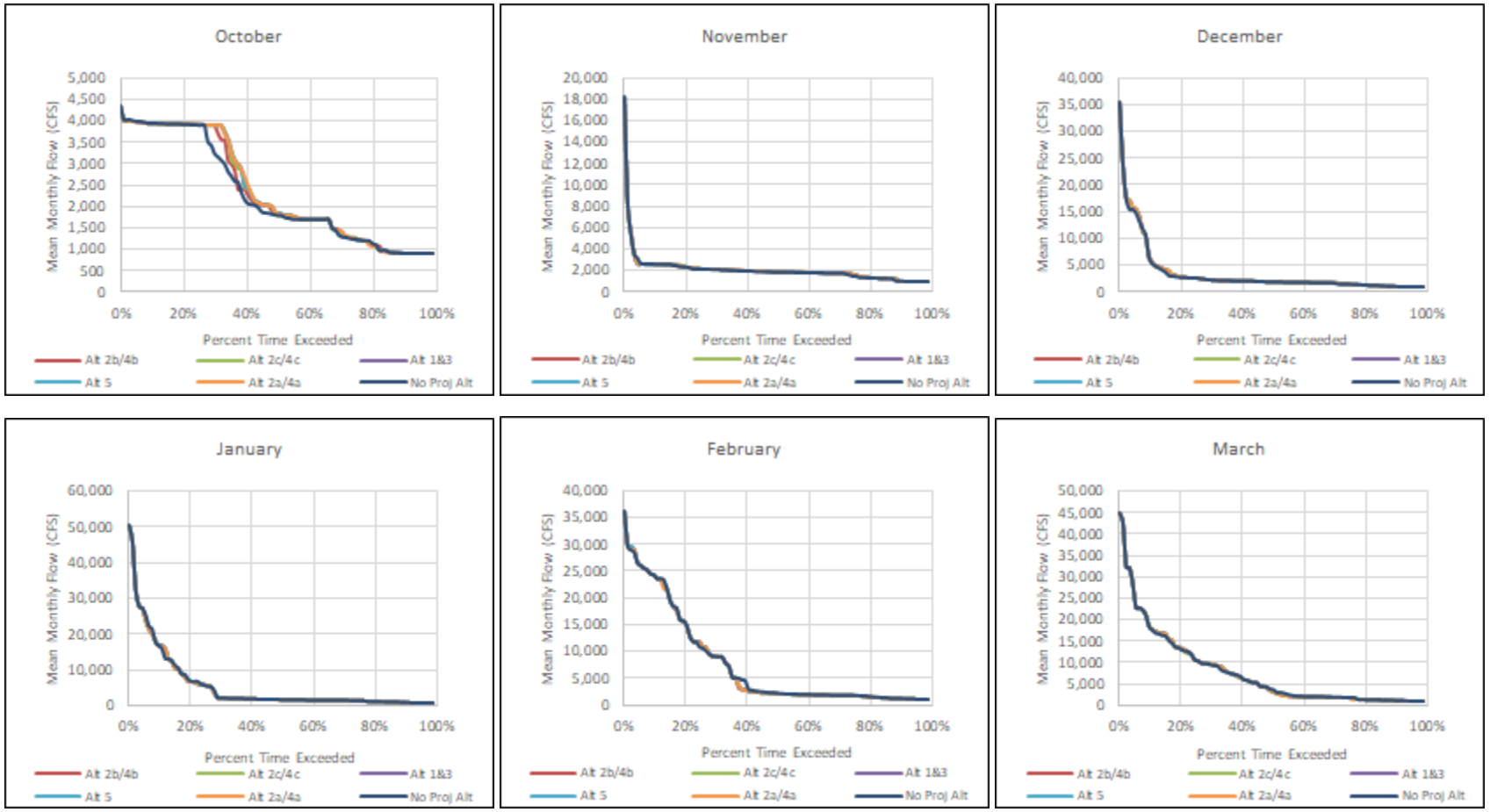


Figure 5A-B5.2.15.1-B. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Probability of Exceedance for No Project Alternatives, April to September

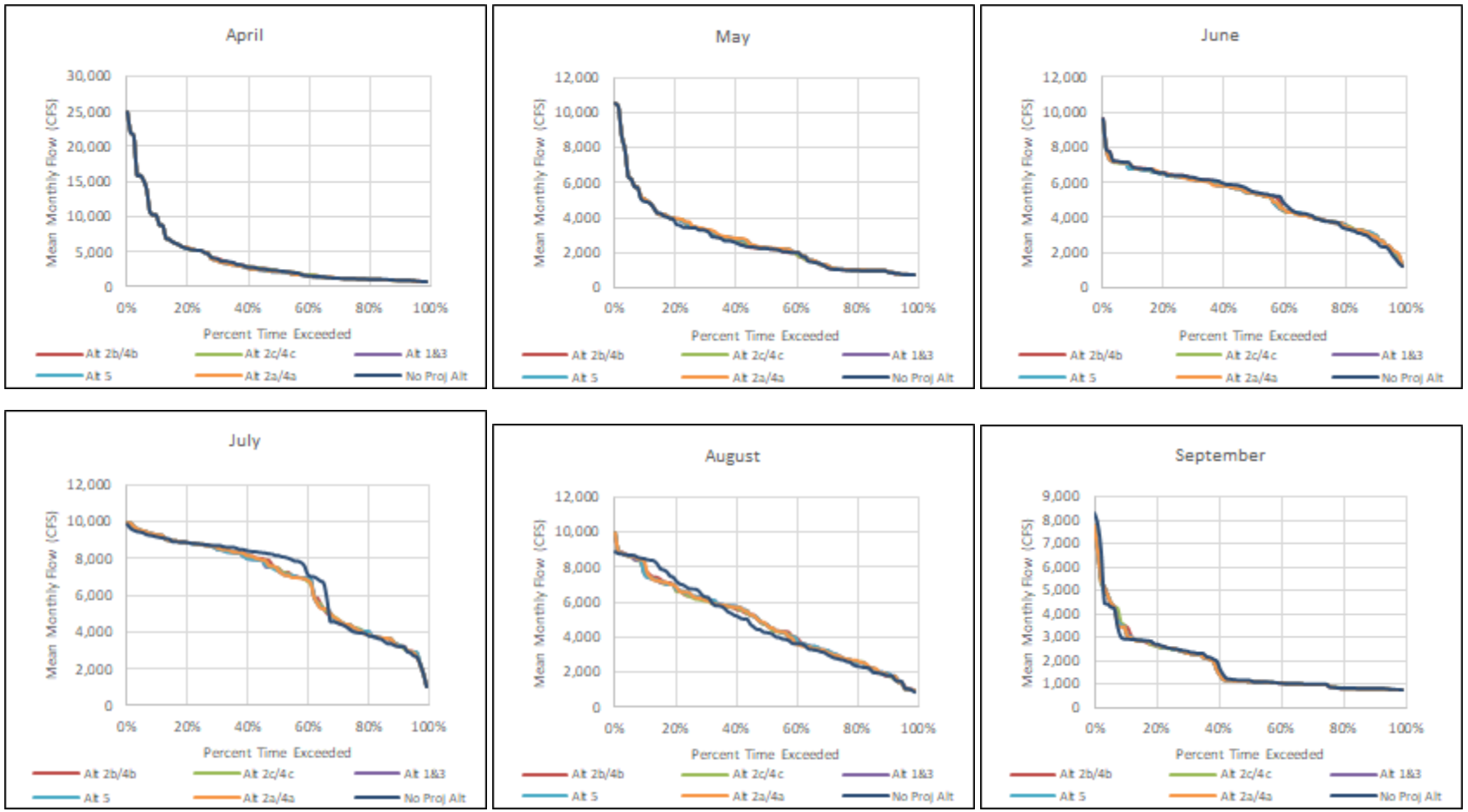


Table 5A-B5.2.15.1-A. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,966	2,557	6,089	16,771	23,967	18,222	9,874	4,951	6,849	9,199	8,433	2,925
20%	3,937	2,285	2,714	7,265	15,172	13,136	5,567	3,773	6,510	8,894	7,259	2,706
30%	3,271	2,050	2,239	2,428	9,009	9,411	4,111	3,318	6,262	8,728	6,288	2,412
40%	2,140	1,915	2,032	2,134	4,147	6,528	2,911	2,630	5,927	8,453	5,219	1,902
50%	1,799	1,805	1,848	1,916	2,200	3,686	2,417	2,284	5,454	8,190	4,266	1,159
60%	1,700	1,745	1,748	1,796	1,943	2,017	1,681	2,039	4,902	7,264	3,631	1,041
70%	1,325	1,719	1,677	1,729	1,779	1,840	1,333	1,291	4,066	4,518	3,109	1,008
80%	1,173	1,270	1,299	1,406	1,599	1,269	1,178	1,030	3,413	3,875	2,387	840
90%	909	982	1,031	1,144	1,158	1,077	1,045	1,000	2,698	3,243	1,854	821

Table 5A-B5.2.15.1-B. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,300	2,082	3,474	5,903	7,627	7,786	4,171	2,723	5,089	6,852	4,749	1,868
Wet Water Years	2,468	2,809	6,652	13,270	15,655	16,232	7,815	3,264	4,786	8,089	6,410	3,066
Above Normal Water Years	2,549	1,947	2,107	3,750	10,233	8,866	2,682	3,156	6,276	8,390	5,679	2,534
Below Normal Water Years	2,453	1,731	1,899	1,764	2,488	2,723	1,862	2,706	5,460	7,467	4,337	1,118
Dry Water Years	2,317	1,612	1,621	1,512	1,891	2,067	2,570	2,442	5,566	4,641	2,765	905
Critical Water Years	1,302	1,494	1,334	1,348	1,422	1,389	2,138	1,275	3,670	3,545	2,691	824

Table 5A-B5.2.15.1-C. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,956	2,547	6,544	17,046	23,966	18,216	9,872	5,051	6,803	9,241	7,730	3,486
20%	3,940	2,270	2,837	7,003	15,163	13,136	5,564	3,983	6,523	8,824	6,791	2,658
30%	3,910	2,083	2,241	2,428	9,006	9,639	4,118	3,325	6,254	8,558	6,152	2,350
40%	2,377	1,943	2,032	2,134	2,704	6,507	3,005	2,716	5,855	8,165	5,643	1,572
50%	1,816	1,828	1,862	1,916	2,086	3,265	2,395	2,250	5,409	7,450	4,735	1,137
60%	1,700	1,771	1,763	1,796	1,886	1,979	1,821	2,036	4,480	6,866	4,023	1,062
70%	1,448	1,723	1,700	1,729	1,776	1,795	1,337	1,291	4,001	4,577	3,220	1,007
80%	1,142	1,309	1,299	1,406	1,498	1,270	1,185	1,035	3,649	3,971	2,656	843
90%	913	1,049	1,033	1,155	1,158	1,034	1,033	1,000	2,982	3,339	1,861	821

Table 5A-B5.2.15.1-D. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,359	2,101	3,548	5,886	7,566	7,784	4,185	2,744	5,092	6,654	4,802	1,860
Wet Water Years	2,446	2,793	6,761	13,226	15,670	16,250	7,827	3,280	5,005	7,714	6,268	3,098
Above Normal Water Years	2,816	1,954	2,225	3,722	10,092	8,978	2,682	3,153	6,280	7,866	6,132	2,522
Below Normal Water Years	2,572	1,766	1,960	1,762	2,444	2,756	1,861	2,753	5,451	7,351	4,406	1,048
Dry Water Years	2,322	1,733	1,675	1,518	1,624	1,882	2,574	2,477	5,167	4,763	3,026	910
Critical Water Years	1,359	1,461	1,334	1,356	1,419	1,389	2,216	1,257	3,570	3,525	2,705	824

Table 5A-B5.2.15.1-E. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-10	-10	455	275	-1	-6	-2	100	-47	42	-704	561
20%	3	-14	123	-262	-9	0	-3	210	13	-69	-467	-49
30%	639	33	2	0	-3	228	7	7	-8	-170	-136	-62
40%	237	27	0	0	-1,443	-22	94	86	-72	-288	424	-330
50%	17	23	14	0	-114	-420	-22	-34	-45	-740	469	-22
60%	0	25	14	0	-57	-39	140	-2	-422	-398	392	21
70%	123	3	23	0	-3	-45	4	-1	-65	59	111	-1
80%	-31	38	0	0	-101	0	6	5	236	96	269	4
90%	3	67	1	12	0	-43	-13	0	284	96	7	-1

Table 5A-B5.2.15.1-F. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	59	19	74	-17	-61	-1	14	21	2	-198	53	-8
Wet Water Years	-22	-15	110	-44	15	18	12	16	219	-374	-141	32
Above Normal Water Years	267	7	118	-28	-141	111	-1	-3	4	-525	452	-12
Below Normal Water Years	119	35	60	-2	-44	34	-1	47	-9	-116	69	-70
Dry Water Years	5	121	54	6	-267	-185	4	35	-399	122	261	6
Critical Water Years	57	-33	-1	8	-3	0	78	-19	-100	-20	14	0

Table 5A-B5.2.15.2-A. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,956	2,561	6,080	17,026	23,966	18,216	9,872	5,051	6,796	9,224	7,624	3,386
20%	3,942	2,352	2,837	7,003	15,154	13,136	5,564	3,965	6,521	8,819	6,797	2,645
30%	3,917	2,085	2,241	2,428	9,009	9,638	3,987	3,324	6,242	8,554	6,099	2,350
40%	2,437	1,941	2,032	2,134	2,704	6,507	2,962	2,807	5,858	8,120	5,713	1,572
50%	1,868	1,844	1,862	1,916	2,077	3,202	2,392	2,301	5,408	7,443	4,756	1,137
60%	1,701	1,770	1,768	1,796	1,886	1,979	1,826	2,036	4,437	6,751	4,004	1,073
70%	1,397	1,723	1,710	1,729	1,776	1,759	1,337	1,298	4,023	4,730	3,250	1,007
80%	1,129	1,305	1,299	1,406	1,492	1,282	1,190	1,035	3,633	3,924	2,659	864
90%	909	1,049	1,033	1,148	1,158	1,049	1,034	1,000	3,016	3,332	1,962	821

Table 5A-B5.2.15.2-B. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,391	2,110	3,547	5,874	7,570	7,772	4,166	2,762	5,094	6,643	4,789	1,861
Wet Water Years	2,481	2,791	6,743	13,226	15,681	16,218	7,826	3,280	5,024	7,706	6,169	3,098
Above Normal Water Years	2,973	1,959	2,239	3,597	10,111	8,979	2,703	3,153	6,276	7,901	6,073	2,518
Below Normal Water Years	2,595	1,766	1,956	1,762	2,445	2,736	1,851	2,753	5,449	7,287	4,496	1,050
Dry Water Years	2,295	1,726	1,674	1,518	1,624	1,882	2,449	2,575	5,130	4,815	3,061	911
Critical Water Years	1,378	1,547	1,367	1,356	1,399	1,423	2,220	1,282	3,590	3,512	2,681	834

Table 5A-B5.2.15.2-C. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-10	4	-9	255	-1	-6	-2	100	-54	25	-809	461
20%	5	67	123	-262	-18	0	-3	192	11	-74	-461	-62
30%	646	35	2	0	0	227	-125	6	-20	-174	-189	-62
40%	297	26	0	0	-1,443	-22	52	177	-69	-334	494	-330
50%	69	39	14	0	-123	-484	-26	17	-46	-747	490	-21
60%	1	24	19	0	-57	-38	144	-2	-465	-513	373	32
70%	72	3	33	0	-3	-81	4	6	-43	211	141	-1
80%	-44	35	0	0	-107	13	12	5	221	49	272	25
90%	0	67	1	4	0	-28	-11	0	318	89	107	0

Table 5A-B5.2.15.2-D. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	91	28	73	-29	-57	-14	-5	39	5	-209	40	-7
Wet Water Years	13	-18	91	-43	26	-14	11	16	237	-383	-241	32
Above Normal Water Years	424	13	132	-154	-122	112	21	-3	0	-490	394	-16
Below Normal Water Years	142	35	57	-2	-43	14	-11	47	-11	-180	159	-68
Dry Water Years	-22	114	54	6	-267	-185	-120	133	-436	174	297	7
Critical Water Years	77	53	33	8	-23	34	82	7	-81	-33	-10	11

Table 5A-B5.2.15.3-A. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,956	2,547	6,106	17,029	23,966	18,216	9,872	5,051	6,780	9,237	7,602	3,322
20%	3,942	2,293	2,837	7,003	15,155	13,402	5,623	3,937	6,486	8,817	6,874	2,686
30%	3,919	2,082	2,241	2,428	9,008	9,635	3,810	3,326	6,164	8,455	6,249	2,348
40%	2,480	1,935	2,032	2,134	2,704	6,361	2,847	2,828	5,809	7,965	5,794	1,571
50%	1,860	1,854	1,862	1,916	2,118	3,223	2,240	2,301	5,408	7,373	4,813	1,138
60%	1,701	1,778	1,763	1,796	1,886	1,972	1,667	2,049	4,457	6,894	3,992	1,073
70%	1,376	1,725	1,700	1,729	1,776	1,795	1,316	1,303	3,992	4,595	3,303	1,008
80%	1,140	1,307	1,314	1,406	1,492	1,269	1,192	1,035	3,595	4,030	2,656	844
90%	913	1,048	1,033	1,144	1,158	1,034	1,050	1,000	3,079	3,325	1,999	821

Table 5A-B5.2.15.3-B. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,396	2,106	3,542	5,875	7,563	7,782	4,108	2,776	5,070	6,630	4,834	1,859
Wet Water Years	2,494	2,791	6,748	13,219	15,671	16,285	7,828	3,279	4,983	7,709	6,199	3,092
Above Normal Water Years	2,977	1,961	2,202	3,640	10,097	8,978	2,703	3,153	6,272	7,900	6,064	2,518
Below Normal Water Years	2,590	1,761	1,958	1,762	2,439	2,707	1,829	2,802	5,432	7,216	4,517	1,051
Dry Water Years	2,310	1,726	1,677	1,518	1,624	1,878	2,283	2,588	5,117	4,850	3,229	916
Critical Water Years	1,376	1,518	1,338	1,352	1,399	1,388	2,000	1,277	3,565	3,518	2,712	824

Table 5A-B5.2.15.3-C. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-10	-10	17	258	-1	-6	-2	100	-69	38	-831	397
20%	5	8	123	-262	-17	266	56	164	-24	-76	-385	-20
30%	648	32	2	0	-1	224	-301	8	-98	-273	-39	-64
40%	340	19	0	0	-1,443	-168	-64	198	-118	-488	575	-331
50%	62	49	14	0	-82	-463	-178	17	-46	-817	547	-21
60%	1	33	14	0	-57	-45	-14	10	-445	-370	361	32
70%	51	5	23	0	-3	-45	-17	11	-74	77	194	0
80%	-33	36	14	0	-107	0	13	5	182	155	269	4
90%	3	66	1	0	0	-43	4	0	381	82	144	0

Table 5A-B5.2.15.3-D. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	96	23	68	-27	-64	-3	-63	54	-19	-222	85	-9
Wet Water Years	25	-18	96	-51	15	53	12	16	197	-380	-210	26
Above Normal Water Years	427	15	95	-110	-136	112	20	-3	-4	-490	385	-16
Below Normal Water Years	137	30	58	-2	-49	-16	-33	96	-28	-251	180	-67
Dry Water Years	-8	114	56	6	-267	-189	-287	146	-449	209	465	11
Critical Water Years	75	24	4	4	-23	-1	-138	2	-105	-27	20	0

Table 5A-B5.2.15.4-A. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,957	2,557	6,057	16,917	23,966	18,218	9,872	5,051	6,901	9,239	8,167	3,321
20%	3,942	2,287	2,837	7,003	15,161	13,405	5,702	3,968	6,528	8,826	6,945	2,692
30%	3,919	2,082	2,241	2,428	9,007	9,637	3,799	3,364	6,153	8,539	6,143	2,347
40%	2,647	1,943	2,032	2,134	2,704	6,371	2,845	2,851	5,811	8,117	5,738	1,571
50%	1,852	1,854	1,853	1,911	2,118	3,230	2,266	2,318	5,411	7,404	4,826	1,138
60%	1,701	1,778	1,763	1,796	1,886	1,959	1,670	2,048	4,515	6,811	3,720	1,074
70%	1,445	1,725	1,700	1,729	1,776	1,759	1,332	1,329	3,981	4,693	3,267	1,007
80%	1,087	1,300	1,299	1,406	1,492	1,243	1,178	1,035	3,564	3,857	2,703	844
90%	909	1,047	1,032	1,144	1,158	1,026	1,050	1,000	2,972	3,267	1,963	823

Table 5A-B5.2.15.4-B. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,399	2,109	3,545	5,872	7,545	7,771	4,115	2,794	5,075	6,638	4,829	1,854
Wet Water Years	2,501	2,792	6,750	13,201	15,618	16,285	7,828	3,279	4,959	7,711	6,239	3,080
Above Normal Water Years	2,971	1,962	2,227	3,673	10,111	8,980	2,708	3,155	6,278	7,906	6,013	2,520
Below Normal Water Years	2,604	1,765	1,957	1,762	2,435	2,728	1,829	2,807	5,457	7,270	4,467	1,050
Dry Water Years	2,299	1,723	1,675	1,518	1,624	1,759	2,324	2,696	5,134	4,797	3,236	915
Critical Water Years	1,358	1,539	1,337	1,351	1,399	1,388	2,002	1,273	3,601	3,512	2,707	824

Table 5A-B5.2.15.4-C. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-10	0	-31	146	-1	-4	-2	100	52	40	-266	396
20%	5	3	123	-262	-12	269	135	195	18	-68	-314	-15
30%	648	32	2	0	-1	226	-312	45	-109	-188	-145	-65
40%	507	28	0	0	-1,443	-158	-65	221	-116	-337	518	-331
50%	53	49	6	-5	-82	-456	-151	34	-43	-786	560	-21
60%	1	33	14	0	-57	-59	-12	10	-387	-453	89	33
70%	120	5	23	0	-3	-81	-1	38	-84	175	158	-1
80%	-86	29	0	0	-107	-26	0	5	151	-18	316	4
90%	0	64	1	0	0	-51	4	0	275	24	109	1

Table 5A-B5.2.15.4-D. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	98	27	70	-31	-82	-15	-56	71	-14	-215	80	-14
Wet Water Years	32	-17	99	-68	-37	53	12	16	172	-378	-171	14
Above Normal Water Years	422	15	119	-77	-122	114	25	-1	2	-484	334	-15
Below Normal Water Years	151	34	58	-2	-53	5	-33	102	-3	-197	130	-68
Dry Water Years	-18	111	55	6	-267	-307	-246	254	-433	156	471	11
Critical Water Years	56	45	3	3	-23	-1	-136	-2	-70	-34	16	0

Table 5A-B5.2.15.5-A. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,956	2,547	6,106	17,024	23,966	18,216	9,872	5,051	6,777	9,237	7,602	3,323
20%	3,942	2,293	2,837	7,003	15,155	13,403	5,623	3,937	6,486	8,817	6,874	2,686
30%	3,919	2,082	2,241	2,428	9,008	9,635	3,810	3,326	6,164	8,455	6,247	2,348
40%	2,480	1,935	2,038	2,134	2,704	6,361	2,848	2,828	5,809	7,965	5,788	1,571
50%	1,860	1,854	1,862	1,916	2,118	3,228	2,239	2,301	5,408	7,320	4,813	1,138
60%	1,701	1,778	1,763	1,796	1,886	1,972	1,667	2,049	4,458	6,895	3,996	1,073
70%	1,376	1,725	1,700	1,729	1,776	1,795	1,316	1,303	3,992	4,595	3,303	1,008
80%	1,140	1,306	1,314	1,406	1,492	1,269	1,192	1,035	3,595	4,030	2,656	844
90%	913	1,048	1,033	1,144	1,158	1,034	1,050	1,000	3,079	3,325	1,998	821

Table 5A-B5.2.15.5-B. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,396	2,106	3,547	5,873	7,559	7,782	4,108	2,776	5,070	6,630	4,837	1,856
Wet Water Years	2,493	2,791	6,754	13,213	15,671	16,285	7,828	3,279	4,983	7,714	6,210	3,085
Above Normal Water Years	2,977	1,961	2,205	3,640	10,097	8,978	2,703	3,153	6,272	7,898	6,063	2,518
Below Normal Water Years	2,590	1,761	1,968	1,763	2,425	2,707	1,829	2,802	5,432	7,208	4,517	1,051
Dry Water Years	2,310	1,726	1,677	1,518	1,624	1,878	2,283	2,588	5,118	4,850	3,229	916
Critical Water Years	1,376	1,518	1,338	1,352	1,399	1,388	2,000	1,277	3,565	3,518	2,712	824

Table 5A-B5.2.15.5-C. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-10	-10	18	253	-1	-6	-2	100	-72	38	-831	398
20%	5	8	123	-262	-17	266	56	164	-24	-76	-385	-20
30%	648	32	2	0	-1	224	-301	8	-98	-273	-41	-64
40%	340	20	6	0	-1,443	-168	-63	198	-118	-488	568	-331
50%	62	49	14	0	-82	-457	-178	17	-46	-870	547	-21
60%	1	33	14	0	-57	-45	-14	10	-445	-369	365	32
70%	51	5	23	0	-3	-45	-17	11	-74	77	194	0
80%	-33	36	14	0	-107	0	13	5	182	155	269	4
90%	3	66	1	0	0	-43	4	0	381	82	144	0

Table 5A-B5.2.15.5-D. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	96	23	73	-30	-68	-3	-63	54	-19	-223	88	-12
Wet Water Years	25	-18	102	-57	15	53	12	16	197	-375	-199	19
Above Normal Water Years	427	15	98	-110	-135	112	20	-3	-4	-492	383	-16
Below Normal Water Years	137	30	68	-2	-63	-16	-33	96	-28	-259	179	-67
Dry Water Years	-7	114	56	6	-267	-189	-287	146	-449	209	465	11
Critical Water Years	75	24	4	4	-23	-1	-138	1	-105	-27	20	0

B.2.16 Feather River below Yuba River Confluence

Figure 5A-B5.2.16.1-A. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Probability of Exceedance for No Project Alternatives, October to March

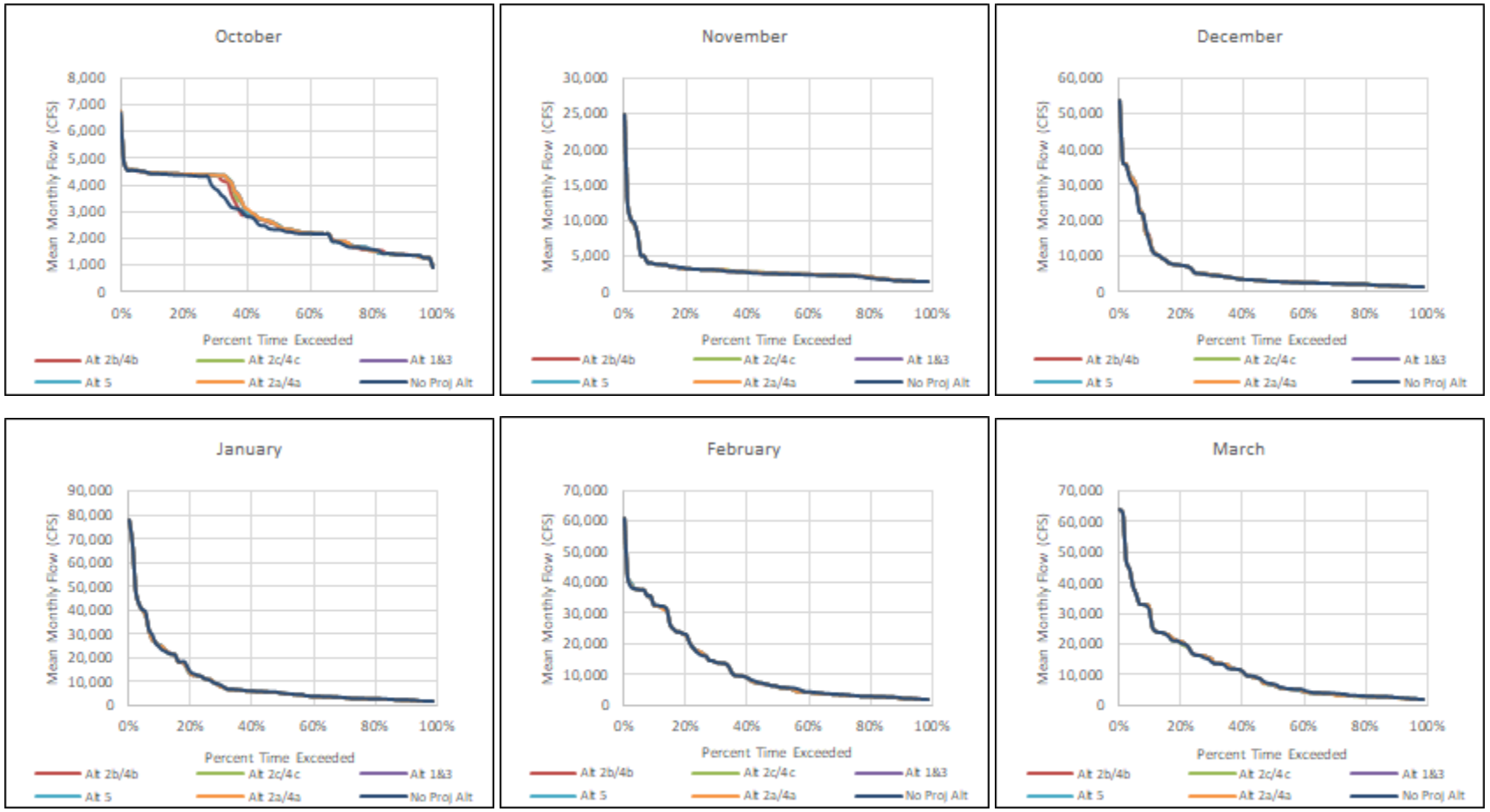


Figure 5A-B5.2.16.1-B. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Probability of Exceedance for No Project Alternatives, April to September

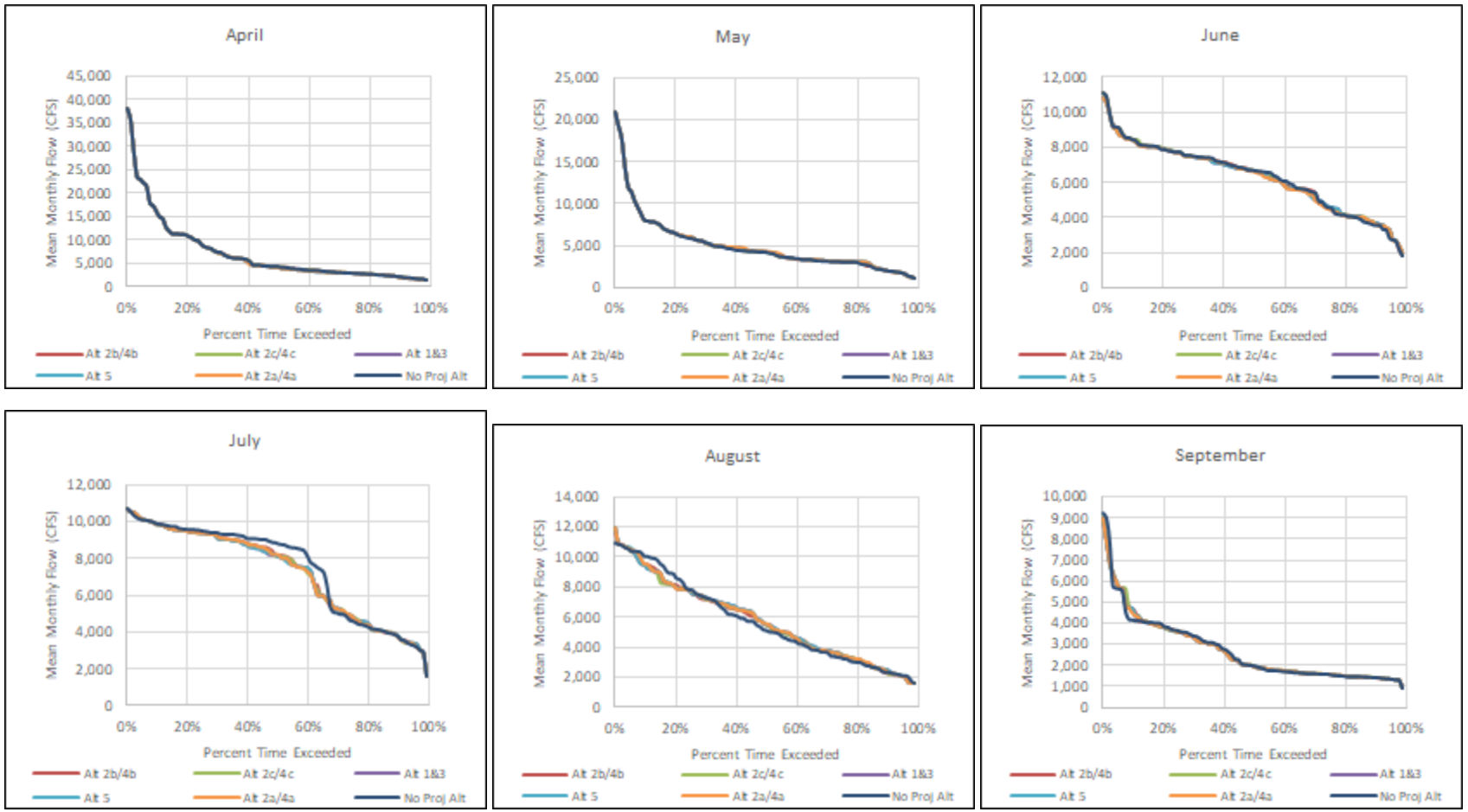


Table 5A-B5.2.16.1-A. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,449	3,924	13,605	24,320	32,769	29,422	15,854	8,034	8,424	9,855	10,039	4,153
20%	4,388	3,319	7,586	14,363	23,100	20,263	10,913	6,486	7,876	9,550	8,696	3,896
30%	3,908	3,102	4,813	8,553	14,070	14,092	7,409	5,394	7,503	9,369	7,286	3,407
40%	2,873	2,789	3,633	6,028	9,217	11,144	5,711	4,515	7,144	9,065	6,102	2,783
50%	2,340	2,547	3,069	5,143	6,258	6,745	4,242	4,222	6,692	8,793	5,115	1,981
60%	2,191	2,394	2,697	3,753	4,436	4,905	3,502	3,486	6,094	8,141	4,374	1,706
70%	1,865	2,313	2,450	3,333	3,709	3,637	2,951	3,154	5,449	5,022	3,642	1,590
80%	1,602	2,001	2,316	2,643	2,958	2,792	2,656	3,058	4,161	4,285	2,979	1,490
90%	1,402	1,583	1,848	2,230	2,637	2,317	2,141	2,103	3,608	3,782	2,312	1,423

Table 5A-B5.2.16.1-B. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,829	3,175	6,508	10,330	12,269	12,163	7,184	5,063	6,321	7,464	5,708	2,722
Wet Water Years	3,078	4,560	12,668	21,485	23,588	23,997	13,091	6,986	6,688	8,861	7,918	4,216
Above Normal Water Years	3,061	2,824	4,691	8,590	15,728	14,429	5,770	6,331	8,091	9,118	6,683	3,425
Below Normal Water Years	2,937	2,553	3,358	4,354	5,711	5,354	4,230	4,387	6,446	8,018	5,041	1,847
Dry Water Years	2,770	2,224	2,670	3,065	3,754	3,755	3,567	3,604	6,119	5,155	3,389	1,542
Critical Water Years	1,805	2,088	2,232	2,385	2,688	2,482	2,621	1,993	3,950	3,873	3,050	1,358

Table 5A-B5.2.16.1-C. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,439	3,913	14,743	25,197	32,611	30,147	15,848	8,035	8,442	9,851	9,525	4,674
20%	4,389	3,264	7,578	13,760	23,063	20,272	10,914	6,477	7,899	9,486	8,152	3,820
30%	4,343	3,100	4,894	8,130	14,013	15,053	7,332	5,389	7,473	9,192	7,187	3,377
40%	2,885	2,799	3,740	6,028	9,217	11,135	5,768	4,667	7,169	8,810	6,529	2,733
50%	2,465	2,567	3,069	5,143	6,207	6,503	4,201	4,277	6,698	8,163	5,533	1,979
60%	2,196	2,454	2,764	3,775	4,247	4,484	3,559	3,412	5,966	7,354	4,652	1,746
70%	1,899	2,329	2,499	3,333	3,549	3,398	2,991	3,198	5,516	5,284	3,781	1,600
80%	1,563	2,144	2,316	2,628	2,940	2,694	2,640	3,078	4,174	4,460	3,233	1,508
90%	1,402	1,597	1,850	2,230	2,444	2,317	2,108	2,104	3,782	3,818	2,328	1,410

Table 5A-B5.2.16.1-D. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,884	3,195	6,581	10,315	12,209	12,161	7,198	5,085	6,324	7,270	5,755	2,715
Wet Water Years	3,052	4,546	12,775	21,444	23,601	24,015	13,103	7,002	6,905	8,498	7,772	4,248
Above Normal Water Years	3,321	2,838	4,807	8,565	15,590	14,535	5,771	6,329	8,094	8,607	7,111	3,423
Below Normal Water Years	3,053	2,588	3,421	4,350	5,667	5,386	4,230	4,433	6,437	7,906	5,103	1,778
Dry Water Years	2,771	2,344	2,721	3,076	3,493	3,571	3,564	3,641	5,731	5,264	3,646	1,550
Critical Water Years	1,862	2,057	2,231	2,393	2,685	2,482	2,697	1,978	3,850	3,851	3,064	1,358

Table 5A-B5.2.16.1-E. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-9	-10	1,138	877	-158	726	-6	1	18	-3	-514	520
20%	1	-55	-8	-603	-37	9	0	-9	23	-64	-544	-76
30%	435	-1	81	-423	-57	961	-76	-4	-30	-177	-99	-31
40%	12	10	106	0	0	-8	57	152	25	-255	427	-50
50%	125	21	0	0	-51	-242	-41	55	6	-630	417	-2
60%	5	60	66	22	-190	-421	57	-74	-128	-787	278	40
70%	33	16	49	0	-160	-239	41	44	67	263	138	10
80%	-39	144	0	-15	-18	-97	-16	20	13	175	254	18
90%	0	15	2	0	-193	0	-33	1	173	36	16	-13

Table 5A-B5.2.16.1-F. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55	20	73	-15	-60	-2	13	22	3	-194	47	-7
Wet Water Years	-26	-14	107	-41	13	18	12	16	217	-362	-146	32
Above Normal Water Years	260	13	116	-25	-138	106	2	-3	3	-510	428	-2
Below Normal Water Years	116	35	63	-3	-43	32	-1	46	-9	-112	62	-68
Dry Water Years	1	121	51	11	-261	-185	-3	37	-388	110	257	8
Critical Water Years	57	-31	-1	7	-3	0	76	-15	-99	-22	13	0

Table 5A-B5.2.16.2-A. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,439	3,916	14,326	25,179	32,609	30,159	15,848	8,035	8,462	9,841	9,456	4,581
20%	4,394	3,264	7,578	13,565	22,925	20,158	10,899	6,476	7,950	9,484	8,009	3,798
30%	4,356	3,086	4,917	8,072	14,033	15,053	7,329	5,388	7,472	9,113	7,211	3,376
40%	3,041	2,818	3,740	6,028	9,217	11,135	5,766	4,653	7,073	8,775	6,587	2,733
50%	2,524	2,592	3,069	5,143	6,198	6,507	4,168	4,262	6,697	8,133	5,528	1,979
60%	2,202	2,488	2,764	3,772	4,247	4,484	3,556	3,446	5,967	7,246	4,644	1,751
70%	1,880	2,329	2,499	3,333	3,549	3,398	2,991	3,246	5,325	5,284	3,742	1,600
80%	1,580	2,145	2,322	2,629	2,940	2,694	2,641	3,084	4,232	4,383	3,236	1,505
90%	1,391	1,597	1,850	2,230	2,444	2,317	2,108	2,127	3,779	3,807	2,445	1,427

Table 5A-B5.2.16.2-B. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,916	3,205	6,580	10,303	12,212	12,149	7,179	5,102	6,327	7,259	5,741	2,717
Wet Water Years	3,085	4,544	12,756	21,444	23,613	23,984	13,101	7,001	6,922	8,491	7,675	4,245
Above Normal Water Years	3,472	2,849	4,821	8,443	15,605	14,537	5,793	6,330	8,090	8,643	7,051	3,419
Below Normal Water Years	3,077	2,588	3,418	4,350	5,669	5,367	4,219	4,433	6,435	7,844	5,189	1,784
Dry Water Years	2,746	2,336	2,720	3,076	3,493	3,570	3,444	3,733	5,696	5,314	3,682	1,552
Critical Water Years	1,881	2,141	2,265	2,393	2,666	2,515	2,703	2,002	3,870	3,839	3,040	1,368

Table 5A-B5.2.16.2-C. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-9	-8	721	858	-160	738	-6	0	38	-14	-583	427
20%	6	-55	-8	-798	-175	-105	-14	-10	74	-66	-687	-98
30%	448	-16	104	-481	-37	961	-80	-5	-31	-256	-75	-31
40%	168	29	106	0	0	-9	55	138	-71	-290	484	-51
50%	184	45	0	0	-60	-238	-74	40	5	-660	413	-2
60%	11	94	66	19	-190	-421	54	-40	-127	-895	270	44
70%	15	16	49	0	-160	-239	40	92	-124	262	100	10
80%	-22	144	6	-15	-18	-97	-15	26	71	98	257	15
90%	-11	15	2	0	-193	0	-33	23	171	25	133	4

Table 5A-B5.2.16.2-D. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	87	30	72	-27	-56	-14	-5	39	6	-204	33	-5
Wet Water Years	7	-16	89	-41	25	-13	10	16	234	-370	-243	29
Above Normal Water Years	412	24	130	-147	-123	107	23	-2	-1	-475	368	-6
Below Normal Water Years	140	35	60	-4	-42	13	-11	46	-11	-175	149	-63
Dry Water Years	-24	112	50	11	-261	-185	-123	129	-422	160	293	10
Critical Water Years	77	53	33	8	-22	33	82	10	-80	-35	-10	10

Table 5A-B5.2.16.3-A. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,439	3,913	14,256	25,181	32,609	30,155	15,848	8,035	8,440	9,843	9,447	4,625
20%	4,395	3,264	7,579	13,555	22,796	20,687	10,927	6,476	7,953	9,482	8,013	3,825
30%	4,356	3,085	4,929	7,910	14,033	15,053	7,329	5,390	7,498	9,114	7,359	3,374
40%	3,051	2,798	3,740	6,028	9,217	11,135	5,318	4,801	7,073	8,691	6,719	2,732
50%	2,516	2,565	3,069	5,143	6,244	6,507	4,075	4,317	6,698	8,137	5,557	1,984
60%	2,203	2,507	2,764	3,772	4,247	4,404	3,364	3,422	5,969	7,490	4,640	1,756
70%	1,865	2,331	2,499	3,333	3,549	3,399	2,929	3,250	5,144	5,281	3,796	1,603
80%	1,588	2,144	2,316	2,636	2,940	2,701	2,579	3,084	4,172	4,505	3,207	1,503
90%	1,401	1,597	1,850	2,230	2,444	2,317	2,097	2,126	3,725	3,816	2,528	1,419

Table 5A-B5.2.16.3-B. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,921	3,201	6,575	10,304	12,206	12,159	7,122	5,115	6,303	7,247	5,784	2,715
Wet Water Years	3,098	4,544	12,762	21,437	23,602	24,049	13,104	7,001	6,882	8,493	7,705	4,240
Above Normal Water Years	3,474	2,852	4,785	8,485	15,593	14,536	5,792	6,330	8,087	8,643	7,042	3,419
Below Normal Water Years	3,072	2,583	3,419	4,350	5,663	5,338	4,198	4,480	6,420	7,774	5,208	1,785
Dry Water Years	2,760	2,337	2,723	3,076	3,493	3,566	3,281	3,741	5,684	5,348	3,847	1,559
Critical Water Years	1,879	2,114	2,237	2,389	2,666	2,481	2,487	1,994	3,844	3,844	3,070	1,359

Table 5A-B5.2.16.3-C. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-9	-10	651	861	-160	733	-6	0	16	-12	-592	472
20%	7	-55	-7	-807	-304	424	14	-10	77	-67	-683	-71
30%	448	-17	116	-643	-37	961	-79	-4	-5	-255	73	-33
40%	177	9	106	0	0	-8	-393	287	-72	-374	617	-51
50%	177	18	0	0	-14	-238	-167	94	6	-656	442	4
60%	12	113	67	19	-190	-501	-138	-64	-125	-651	266	49
70%	0	18	49	0	-160	-238	-22	97	-305	259	153	13
80%	-14	144	0	-8	-18	-91	-77	26	10	221	228	13
90%	0	15	2	0	-193	0	-43	22	117	34	216	-4

Table 5A-B5.2.16.3-D. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	92	25	67	-26	-63	-4	-62	51	-18	-217	77	-6
Wet Water Years	20	-16	94	-47	14	52	13	16	193	-368	-213	24
Above Normal Water Years	414	28	94	-106	-135	107	22	-2	-4	-475	360	-6
Below Normal Water Years	135	30	61	-3	-48	-16	-33	92	-26	-244	167	-61
Dry Water Years	-10	114	53	11	-261	-189	-285	137	-435	194	458	17
Critical Water Years	74	26	4	4	-22	-1	-134	1	-105	-30	20	1

Table 5A-B5.2.16.4-A. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,439	3,914	14,279	24,931	32,609	30,155	15,848	8,035	8,447	9,849	9,546	4,466
20%	4,395	3,264	7,579	13,700	22,830	20,690	10,928	6,476	7,953	9,469	7,993	3,848
30%	4,356	3,093	4,926	7,856	14,025	15,053	7,330	5,394	7,527	9,183	7,305	3,369
40%	3,132	2,795	3,740	6,029	9,217	11,135	5,278	4,835	7,149	8,791	6,608	2,732
50%	2,494	2,572	3,069	5,143	6,244	6,604	4,075	4,333	6,676	8,199	5,578	1,969
60%	2,203	2,516	2,766	3,773	4,247	4,481	3,370	3,444	5,978	7,300	4,631	1,756
70%	1,898	2,331	2,491	3,333	3,549	3,366	2,953	3,250	5,323	5,267	3,775	1,608
80%	1,553	2,142	2,316	2,627	2,940	2,672	2,577	3,084	4,171	4,392	3,225	1,514
90%	1,401	1,595	1,850	2,230	2,444	2,251	2,102	2,121	3,780	3,767	2,465	1,424

Table 5A-B5.2.16.4-B. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,923	3,204	6,577	10,301	12,188	12,147	7,129	5,132	6,309	7,254	5,780	2,712
Wet Water Years	3,105	4,546	12,764	21,420	23,551	24,048	13,104	7,001	6,858	8,495	7,743	4,229
Above Normal Water Years	3,469	2,853	4,809	8,517	15,607	14,538	5,798	6,332	8,093	8,649	6,992	3,421
Below Normal Water Years	3,086	2,586	3,418	4,350	5,659	5,358	4,198	4,485	6,444	7,828	5,159	1,787
Dry Water Years	2,750	2,334	2,721	3,076	3,493	3,451	3,319	3,847	5,703	5,296	3,852	1,559
Critical Water Years	1,861	2,134	2,236	2,388	2,666	2,481	2,488	1,991	3,879	3,838	3,066	1,359

Table 5A-B5.2.16.4-C. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-9	-10	675	610	-160	733	-6	1	23	-6	-493	312
20%	8	-55	-7	-663	-270	427	14	-10	77	-81	-703	-48
30%	448	-8	113	-698	-45	961	-79	0	24	-186	19	-39
40%	259	5	106	0	0	-8	-433	320	5	-274	506	-51
50%	154	25	0	0	-14	-141	-167	111	-16	-594	462	-11
60%	12	121	68	20	-190	-424	-132	-42	-116	-841	257	50
70%	33	18	41	0	-160	-271	2	97	-125	245	133	18
80%	-49	141	0	-16	-18	-120	-79	26	9	107	246	24
90%	0	13	2	0	-193	-66	-39	18	172	-15	152	1

Table 5A-B5.2.16.4-D. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	94	29	70	-29	-81	-16	-55	68	-12	-209	72	-10
Wet Water Years	27	-14	96	-65	-37	51	13	16	169	-366	-174	13
Above Normal Water Years	408	28	118	-73	-121	109	28	0	2	-469	309	-5
Below Normal Water Years	149	34	60	-3	-52	4	-32	98	-2	-190	118	-60
Dry Water Years	-20	110	52	11	-261	-304	-248	243	-415	141	463	17
Critical Water Years	56	46	4	3	-22	-1	-133	-2	-70	-35	15	1

Table 5A-B5.2.16.5-A. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,439	3,913	14,263	25,175	32,609	30,155	15,847	8,035	8,440	9,843	9,447	4,623
20%	4,395	3,264	7,579	13,554	22,796	20,688	10,927	6,476	7,953	9,483	8,012	3,825
30%	4,356	3,085	4,925	7,911	14,033	15,053	7,329	5,390	7,498	9,114	7,358	3,374
40%	3,051	2,798	3,740	6,028	9,217	11,135	5,318	4,801	7,073	8,691	6,719	2,732
50%	2,516	2,564	3,100	5,143	6,244	6,507	4,075	4,316	6,697	8,131	5,556	1,984
60%	2,203	2,507	2,764	3,772	4,247	4,404	3,364	3,421	5,969	7,490	4,641	1,756
70%	1,865	2,331	2,499	3,333	3,549	3,399	2,929	3,250	5,144	5,281	3,796	1,603
80%	1,588	2,144	2,316	2,636	2,940	2,701	2,579	3,084	4,172	4,506	3,207	1,503
90%	1,401	1,597	1,850	2,230	2,444	2,317	2,097	2,126	3,725	3,816	2,528	1,419

Table 5A-B5.2.16.5-B. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,921	3,201	6,580	10,302	12,202	12,159	7,122	5,115	6,303	7,246	5,788	2,713
Wet Water Years	3,097	4,544	12,768	21,431	23,602	24,049	13,104	7,001	6,881	8,498	7,716	4,233
Above Normal Water Years	3,474	2,852	4,788	8,485	15,593	14,536	5,792	6,330	8,087	8,641	7,041	3,419
Below Normal Water Years	3,072	2,583	3,429	4,351	5,649	5,338	4,198	4,479	6,420	7,766	5,208	1,785
Dry Water Years	2,760	2,337	2,723	3,076	3,493	3,566	3,281	3,741	5,684	5,349	3,847	1,559
Critical Water Years	1,879	2,114	2,237	2,389	2,666	2,481	2,487	1,993	3,845	3,844	3,070	1,359

Table 5A-B5.2.16.5-C. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-9	-10	658	855	-160	734	-6	0	16	-12	-592	470
20%	7	-55	-7	-809	-304	425	14	-10	77	-67	-684	-71
30%	448	-17	112	-643	-37	961	-79	-4	-5	-255	72	-33
40%	177	9	106	0	0	-8	-393	287	-72	-374	617	-51
50%	177	17	31	0	-14	-238	-167	94	6	-661	441	3
60%	12	113	67	19	-190	-501	-138	-65	-125	-651	267	49
70%	0	18	49	0	-160	-238	-22	97	-305	259	153	13
80%	-14	144	0	-8	-18	-91	-77	26	10	221	228	13
90%	0	15	2	0	-193	0	-43	22	117	34	216	-4

Table 5A-B5.2.16.5-D. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	92	26	72	-28	-67	-4	-62	51	-18	-218	80	-9
Wet Water Years	19	-16	100	-53	14	52	13	16	193	-363	-202	17
Above Normal Water Years	413	28	96	-106	-135	107	22	-2	-4	-477	358	-7
Below Normal Water Years	135	30	71	-3	-62	-16	-33	92	-26	-252	167	-61
Dry Water Years	-10	113	53	11	-261	-189	-285	137	-434	194	458	17
Critical Water Years	74	26	4	4	-22	-1	-134	1	-105	-29	20	1

B.2.17 Feather River near Nicolaus

Figure 5A-B5.2.17.1-A. Feather River near Nicolaus Monthly Flow (C_FTR008), Probability of Exceedance for No Project Alternatives, October to March

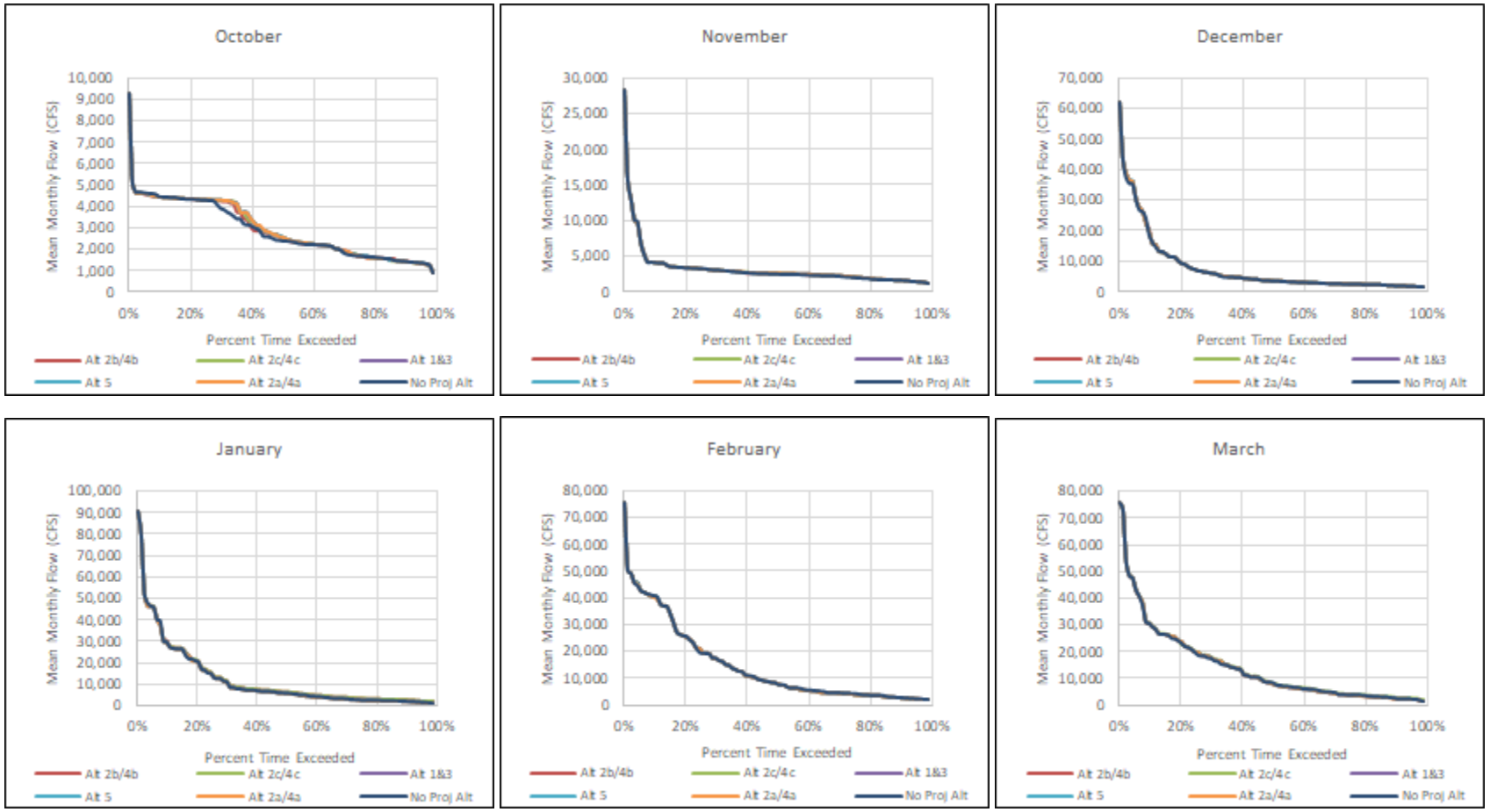


Figure 5A-B5.2.17.1-B. Feather River near Nicolaus Monthly Flow (C_FTR008), Probability of Exceedance for No Project Alternatives, April to September

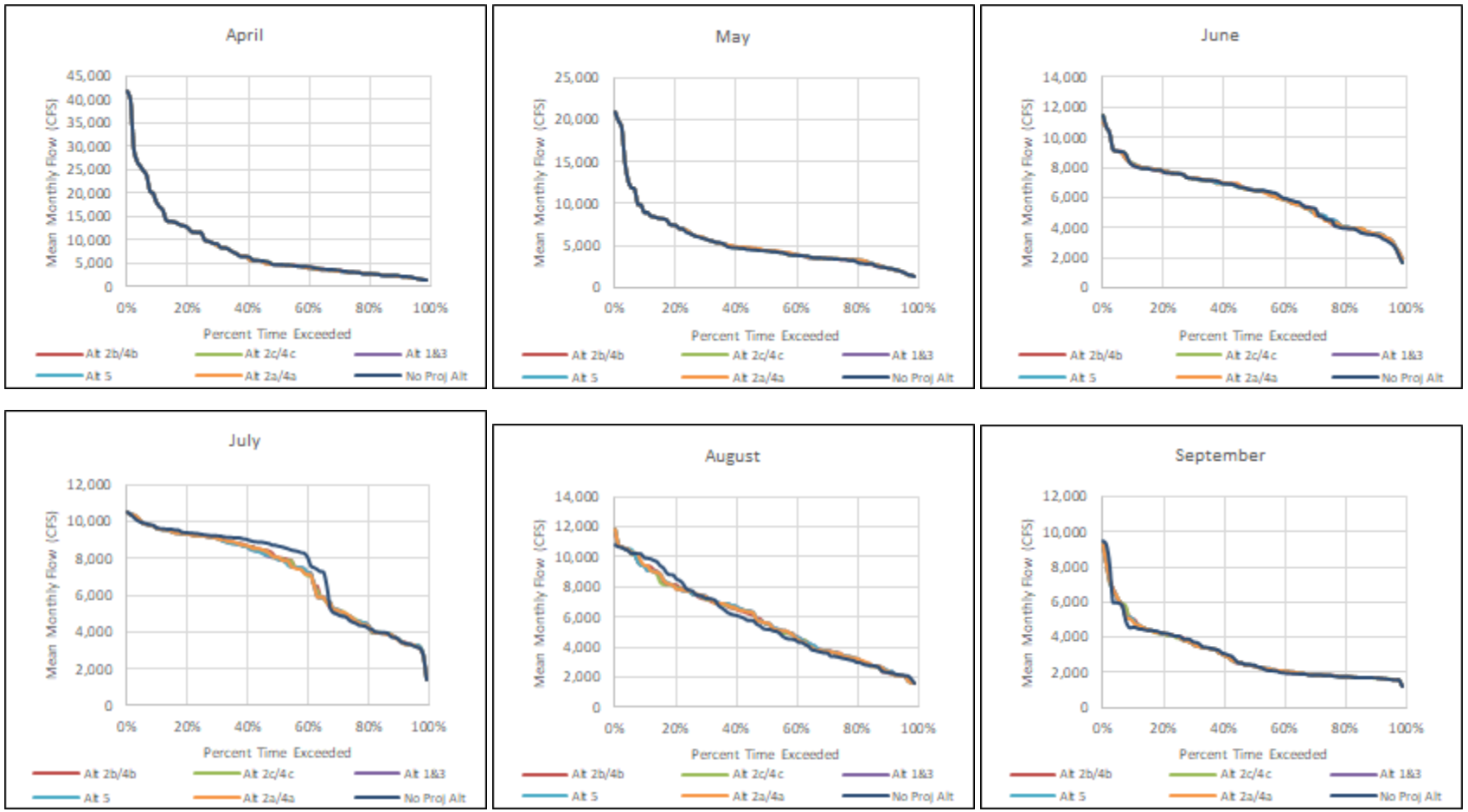


Table 5A-B5.2.17.1-A. Feather River near Nicolaus Monthly Flow (C_FTR008), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,481	4,181	18,030	29,337	40,650	30,406	17,868	8,941	8,152	9,631	9,988	4,545
20%	4,361	3,460	9,521	20,901	25,720	23,657	12,719	7,390	7,737	9,370	8,671	4,227
30%	3,946	3,125	6,041	11,418	17,478	17,747	9,232	5,788	7,275	9,203	7,291	3,725
40%	3,118	2,743	4,525	7,421	11,204	13,150	6,496	4,732	6,947	9,001	6,134	3,061
50%	2,418	2,569	3,496	6,222	8,067	8,647	4,810	4,374	6,506	8,667	5,211	2,381
60%	2,235	2,447	3,042	4,632	5,667	6,406	4,376	3,856	6,007	8,090	4,480	1,941
70%	1,934	2,261	2,595	3,610	4,606	5,018	3,658	3,491	5,317	4,988	3,599	1,801
80%	1,653	1,946	2,355	2,844	3,758	3,860	2,847	3,155	3,998	4,275	3,038	1,709
90%	1,459	1,717	1,953	2,465	2,863	2,863	2,475	2,387	3,562	3,683	2,328	1,644

Table 5A-B5.2.17.1-B. Feather River near Nicolaus Monthly Flow (C_FTR008), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,918	3,362	7,682	12,471	14,819	14,487	8,276	5,450	6,215	7,349	5,727	3,007
Wet Water Years	3,241	4,953	15,100	25,743	28,007	27,608	14,990	7,693	6,695	8,730	7,914	4,544
Above Normal Water Years	3,118	2,966	5,746	11,779	18,663	17,808	6,953	6,610	7,933	8,989	6,723	3,721
Below Normal Water Years	2,987	2,610	3,858	5,323	7,494	6,967	5,107	4,645	6,259	7,865	5,094	2,136
Dry Water Years	2,792	2,272	2,975	3,347	4,954	5,195	4,001	3,774	5,958	5,133	3,411	1,760
Critical Water Years	1,879	2,183	2,512	2,624	3,051	3,047	2,655	2,115	3,810	3,787	3,037	1,582

Table 5A-B5.2.17.1-C. Feather River near Nicolaus Monthly Flow (C_FTR008), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,468	4,182	19,008	29,463	40,509	30,432	17,864	8,941	8,170	9,626	9,450	5,022
20%	4,376	3,460	9,508	20,741	25,696	23,665	12,719	7,387	7,734	9,305	8,161	4,170
30%	4,275	3,135	6,041	11,358	17,481	17,822	9,109	5,802	7,277	9,088	7,215	3,600
40%	3,082	2,722	4,597	7,422	10,965	13,142	6,552	4,812	6,972	8,678	6,565	2,999
50%	2,545	2,632	3,533	6,194	8,090	8,300	4,819	4,392	6,529	8,052	5,606	2,336
60%	2,241	2,474	3,057	4,625	5,489	6,381	4,431	3,863	5,905	7,212	4,781	2,024
70%	1,976	2,347	2,608	3,610	4,494	4,723	3,658	3,440	5,271	5,213	3,777	1,816
80%	1,612	2,018	2,357	2,870	3,709	3,687	2,863	3,263	4,069	4,433	3,243	1,716
90%	1,467	1,716	1,933	2,464	2,835	2,868	2,473	2,380	3,659	3,701	2,344	1,642

Table 5A-B5.2.17.1-D. Feather River near Nicolaus Monthly Flow (C_FTR008), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,968	3,384	7,754	12,458	14,761	14,484	8,287	5,472	6,219	7,161	5,765	3,003
Wet Water Years	3,208	4,941	15,203	25,705	28,019	27,625	15,002	7,708	6,907	8,384	7,762	4,574
Above Normal Water Years	3,368	2,989	5,859	11,759	18,529	17,907	6,957	6,608	7,935	8,500	7,114	3,734
Below Normal Water Years	3,098	2,646	3,925	5,319	7,452	6,999	5,107	4,690	6,251	7,759	5,146	2,074
Dry Water Years	2,789	2,392	3,021	3,365	4,703	5,009	3,989	3,810	5,583	5,224	3,667	1,774
Critical Water Years	1,934	2,155	2,510	2,631	3,048	3,047	2,726	2,106	3,713	3,761	3,050	1,583

Table 5A-B5.2.17.1-E. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-12	1	978	126	-141	26	-5	0	18	-5	-537	477
20%	15	0	-13	-160	-24	9	0	-3	-2	-65	-510	-57
30%	329	10	0	-60	3	75	-123	14	2	-115	-76	-125
40%	-36	-21	72	0	-239	-9	55	80	25	-323	431	-62
50%	127	63	37	-29	23	-347	9	18	23	-615	395	-45
60%	6	27	15	-6	-178	-25	55	7	-102	-879	301	83
70%	42	87	13	1	-111	-295	0	-51	-46	224	178	16
80%	-40	72	1	25	-48	-173	17	108	71	158	204	7
90%	8	-1	-20	0	-28	5	-2	-7	97	18	16	-2

Table 5A-B5.2.17.1-F. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50	22	72	-13	-58	-3	12	22	5	-187	38	-3
Wet Water Years	-32	-12	103	-38	12	17	12	16	213	-345	-151	30
Above Normal Water Years	250	23	113	-20	-134	99	4	-2	2	-489	391	13
Below Normal Water Years	110	36	67	-4	-43	32	0	45	-8	-106	51	-63
Dry Water Years	-2	120	46	18	-250	-186	-12	36	-374	90	256	14
Critical Water Years	55	-28	-2	7	-3	0	72	-9	-96	-26	13	1

Table 5A-B5.2.17.2-A. Feather River near Nicolaus Monthly Flow (C_FTR008), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,468	4,182	18,605	29,064	40,487	30,464	17,864	8,941	8,290	9,610	9,383	4,965
20%	4,378	3,487	9,508	20,898	25,573	23,242	12,718	7,386	7,773	9,304	8,044	4,159
30%	4,319	3,140	6,041	11,358	17,484	17,822	8,878	5,796	7,277	9,086	7,260	3,599
40%	3,322	2,846	4,597	7,422	10,966	13,142	6,549	4,752	6,945	8,657	6,629	2,999
50%	2,612	2,657	3,533	6,190	8,081	8,241	4,849	4,394	6,521	8,015	5,602	2,344
60%	2,275	2,534	3,057	4,596	5,489	6,374	4,313	3,855	5,913	7,101	4,688	2,031
70%	1,942	2,349	2,608	3,610	4,495	4,706	3,592	3,478	5,151	5,233	3,731	1,820
80%	1,609	2,013	2,379	2,869	3,709	3,687	2,869	3,294	4,126	4,376	3,250	1,716
90%	1,441	1,716	1,942	2,464	2,836	2,868	2,470	2,405	3,656	3,690	2,416	1,643

Table 5A-B5.2.17.2-B. Feather River near Nicolaus Monthly Flow (C_FTR008), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,998	3,394	7,753	12,447	14,764	14,472	8,269	5,488	6,222	7,151	5,751	3,005
Wet Water Years	3,240	4,940	15,186	25,705	28,030	27,595	14,999	7,708	6,924	8,377	7,669	4,568
Above Normal Water Years	3,511	3,007	5,874	11,642	18,540	17,909	6,977	6,610	7,931	8,537	7,053	3,731
Below Normal Water Years	3,123	2,645	3,921	5,318	7,454	6,979	5,096	4,689	6,249	7,698	5,227	2,084
Dry Water Years	2,765	2,383	3,020	3,363	4,703	5,009	3,875	3,896	5,554	5,271	3,703	1,777
Critical Water Years	1,953	2,236	2,545	2,633	3,030	3,078	2,734	2,129	3,733	3,749	3,028	1,592

Table 5A-B5.2.17.2-C. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-13	1	576	-273	-163	58	-5	0	138	-21	-605	420
20%	17	27	-13	-3	-147	-414	-1	-4	37	-65	-628	-68
30%	373	15	0	-60	6	75	-354	8	2	-117	-31	-126
40%	204	103	72	0	-238	-9	52	20	-2	-344	496	-62
50%	194	87	37	-32	14	-406	39	20	15	-652	391	-37
60%	40	87	15	-36	-178	-32	-63	-1	-94	-989	208	90
70%	8	88	13	1	-111	-312	-66	-13	-167	245	133	19
80%	-44	66	24	25	-48	-173	22	139	129	101	212	7
90%	-18	-1	-11	0	-28	5	-5	17	94	7	88	-2

Table 5A-B5.2.17.2-D. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	80	32	71	-24	-55	-15	-6	38	8	-198	24	-2
Wet Water Years	-1	-13	86	-38	23	-12	9	15	229	-352	-245	24
Above Normal Water Years	393	41	127	-138	-123	101	24	0	-2	-452	330	9
Below Normal Water Years	135	35	63	-5	-41	12	-11	44	-9	-167	133	-53
Dry Water Years	-26	110	45	16	-250	-186	-127	122	-404	137	292	16
Critical Water Years	75	54	34	9	-21	31	79	14	-77	-38	-10	10

Table 5A-B5.2.17.3-A. Feather River near Nicolaus Monthly Flow (C_FTR008), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,468	4,182	18,537	29,274	40,314	30,464	17,864	8,941	8,189	9,607	9,352	4,969
20%	4,379	3,460	9,509	20,904	25,447	24,066	12,719	7,386	7,773	9,308	7,996	4,189
30%	4,319	3,121	6,041	11,358	17,483	17,822	8,877	5,795	7,277	9,088	7,437	3,597
40%	3,453	2,770	4,597	7,422	10,964	13,142	6,412	4,849	6,924	8,620	6,763	2,998
50%	2,605	2,663	3,533	6,193	8,127	8,261	4,780	4,410	6,513	7,984	5,628	2,342
60%	2,275	2,536	3,057	4,543	5,489	6,202	4,122	3,888	5,907	7,264	4,733	2,038
70%	1,934	2,339	2,608	3,611	4,495	4,706	3,447	3,442	4,988	5,229	3,775	1,805
80%	1,616	2,012	2,361	2,869	3,709	3,687	2,848	3,294	4,073	4,454	3,257	1,716
90%	1,458	1,717	1,938	2,464	2,843	2,864	2,326	2,408	3,620	3,701	2,532	1,643

Table 5A-B5.2.17.3-B. Feather River near Nicolaus Monthly Flow (C_FTR008), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3,003	3,390	7,748	12,447	14,758	14,481	8,215	5,498	6,199	7,138	5,792	3,005
Wet Water Years	3,252	4,940	15,191	25,698	28,020	27,658	15,004	7,708	6,884	8,379	7,698	4,564
Above Normal Water Years	3,510	3,013	5,839	11,681	18,529	17,908	6,977	6,610	7,928	8,537	7,044	3,730
Below Normal Water Years	3,118	2,640	3,922	5,319	7,448	6,951	5,075	4,732	6,236	7,630	5,242	2,086
Dry Water Years	2,778	2,384	3,023	3,363	4,703	5,005	3,720	3,897	5,541	5,303	3,863	1,790
Critical Water Years	1,951	2,211	2,517	2,626	3,032	3,046	2,522	2,116	3,708	3,754	3,056	1,583

Table 5A-B5.2.17.3-C. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-13	1	508	-64	-336	58	-5	0	37	-24	-635	425
20%	19	0	-12	3	-273	409	-1	-4	36	-62	-675	-38
30%	373	-4	0	-60	5	75	-355	7	2	-115	146	-128
40%	335	27	72	1	-240	-8	-85	117	-24	-381	630	-63
50%	186	94	37	-30	60	-386	-29	36	7	-682	417	-39
60%	40	88	15	-89	-178	-204	-254	32	-100	-827	254	96
70%	0	79	13	1	-111	-312	-211	-49	-329	240	176	5
80%	-37	65	6	25	-48	-173	2	139	75	179	219	7
90%	-1	1	-15	0	-20	1	-149	21	58	18	204	-1

Table 5A-B5.2.17.3-D. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	85	28	66	-24	-61	-5	-60	48	-15	-210	65	-2
Wet Water Years	11	-13	91	-44	13	51	15	16	189	-350	-216	20
Above Normal Water Years	392	47	93	-99	-133	100	24	0	-5	-452	321	9
Below Normal Water Years	131	29	64	-4	-46	-16	-32	87	-23	-235	147	-51
Dry Water Years	-13	112	48	16	-250	-190	-281	124	-417	170	452	29
Critical Water Years	72	28	5	2	-20	-2	-133	1	-102	-33	18	1

Table 5A-B5.2.17.4-A. Feather River near Nicolaus Monthly Flow (C_FTR008), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,468	4,182	18,561	29,271	40,019	30,462	17,864	8,941	8,188	9,615	9,477	4,875
20%	4,383	3,486	9,510	20,836	25,474	24,069	12,719	7,385	7,781	9,308	7,988	4,211
30%	4,319	3,120	6,042	11,358	17,483	17,818	8,874	5,794	7,292	9,084	7,411	3,592
40%	3,452	2,798	4,597	7,423	10,965	13,142	6,436	4,867	6,975	8,677	6,650	2,998
50%	2,582	2,658	3,534	6,190	8,127	8,267	4,780	4,424	6,490	8,061	5,647	2,340
60%	2,275	2,536	3,059	4,509	5,489	6,212	4,124	3,926	5,905	7,151	4,677	2,040
70%	1,955	2,341	2,607	3,611	4,495	4,706	3,449	3,486	5,155	5,222	3,741	1,824
80%	1,617	2,024	2,361	2,870	3,709	3,533	2,830	3,295	4,068	4,385	3,258	1,714
90%	1,458	1,719	1,943	2,465	2,844	2,588	2,321	2,404	3,656	3,664	2,477	1,644

Table 5A-B5.2.17.4-B. Feather River near Nicolaus Monthly Flow (C_FTR008), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3,005	3,394	7,751	12,445	14,741	14,470	8,221	5,515	6,206	7,146	5,787	3,002
Wet Water Years	3,259	4,942	15,193	25,682	27,969	27,656	15,004	7,708	6,861	8,380	7,735	4,554
Above Normal Water Years	3,504	3,014	5,861	11,713	18,544	17,911	6,985	6,611	7,933	8,541	6,994	3,732
Below Normal Water Years	3,131	2,644	3,922	5,319	7,444	6,971	5,076	4,738	6,258	7,685	5,193	2,087
Dry Water Years	2,769	2,381	3,022	3,363	4,703	4,894	3,753	3,999	5,565	5,252	3,866	1,789
Critical Water Years	1,933	2,230	2,517	2,625	3,030	3,045	2,523	2,115	3,742	3,750	3,052	1,583

Table 5A-B5.2.17.4-C. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-13	1	531	-66	-631	56	-5	0	36	-15	-510	331
20%	23	27	-11	-65	-246	412	0	-5	44	-62	-683	-16
30%	373	-4	0	-60	4	71	-358	6	17	-118	120	-133
40%	334	55	72	1	-239	-8	-60	135	27	-324	517	-63
50%	164	88	38	-32	60	-380	-29	50	-16	-606	436	-41
60%	40	89	17	-122	-178	-194	-251	70	-102	-939	197	99
70%	22	80	12	1	-111	-312	-209	-5	-163	233	142	24
80%	-36	77	6	25	-48	-327	-17	140	70	110	220	5
90%	-1	2	-10	0	-20	-275	-153	16	94	-19	149	0

Table 5A-B5.2.17.4-D. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	87	32	69	-26	-78	-17	-54	65	-9	-203	60	-5
Wet Water Years	18	-11	93	-61	-38	48	14	16	166	-350	-179	10
Above Normal Water Years	386	48	114	-67	-119	103	31	1	0	-448	271	10
Below Normal Water Years	144	34	64	-4	-50	4	-31	94	-1	-180	99	-50
Dry Water Years	-23	109	47	17	-250	-301	-248	225	-393	118	455	29
Critical Water Years	54	47	6	1	-21	-2	-132	0	-68	-37	14	1

Table 5A-B5.2.17.5-A. Feather River near Nicolaus Monthly Flow (C_FTR008), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,468	4,182	18,544	29,274	40,314	30,464	17,864	8,941	8,189	9,606	9,355	4,969
20%	4,380	3,460	9,509	20,902	25,447	24,067	12,719	7,386	7,773	9,308	7,995	4,189
30%	4,319	3,121	6,041	11,358	17,483	17,822	8,877	5,795	7,277	9,088	7,429	3,597
40%	3,450	2,769	4,597	7,422	10,964	13,142	6,412	4,849	6,924	8,620	6,762	2,998
50%	2,604	2,663	3,533	6,193	8,127	8,266	4,780	4,410	6,513	7,990	5,627	2,342
60%	2,275	2,536	3,057	4,543	5,489	6,202	4,122	3,888	5,907	7,264	4,733	2,039
70%	1,934	2,339	2,608	3,611	4,495	4,706	3,447	3,442	4,988	5,229	3,775	1,804
80%	1,616	2,011	2,361	2,869	3,709	3,687	2,847	3,294	4,073	4,454	3,257	1,716
90%	1,458	1,717	1,938	2,464	2,843	2,864	2,326	2,408	3,619	3,701	2,532	1,643

Table 5A-B5.2.17.5-B. Feather River near Nicolaus Monthly Flow (C_FTR008), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3,003	3,390	7,754	12,445	14,755	14,481	8,215	5,498	6,199	7,138	5,796	3,003
Wet Water Years	3,251	4,940	15,197	25,693	28,020	27,658	15,004	7,708	6,884	8,384	7,709	4,557
Above Normal Water Years	3,509	3,013	5,842	11,681	18,530	17,908	6,977	6,610	7,928	8,535	7,043	3,730
Below Normal Water Years	3,117	2,640	3,933	5,318	7,435	6,951	5,075	4,732	6,236	7,622	5,241	2,086
Dry Water Years	2,779	2,384	3,023	3,363	4,703	5,005	3,720	3,897	5,542	5,303	3,863	1,790
Critical Water Years	1,951	2,211	2,517	2,626	3,032	3,046	2,522	2,116	3,708	3,754	3,056	1,583

Table 5A-B5.2.17.5-C. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-13	1	515	-64	-336	58	-5	0	37	-25	-632	424
20%	19	0	-12	1	-273	410	-1	-4	36	-62	-676	-38
30%	373	-4	0	-60	5	75	-355	7	2	-115	139	-128
40%	332	26	72	1	-240	-8	-85	117	-24	-381	628	-63
50%	186	94	37	-30	60	-381	-29	36	7	-676	416	-39
60%	40	88	15	-89	-178	-204	-254	32	-100	-826	254	98
70%	0	79	13	1	-111	-312	-211	-49	-330	240	176	4
80%	-36	65	6	25	-48	-173	0	139	75	179	219	7
90%	-1	1	-15	0	-20	1	-149	21	58	18	204	-1

Table 5A-B5.2.17.5-D. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	85	29	72	-26	-65	-6	-60	48	-15	-211	69	-4
Wet Water Years	11	-12	97	-50	13	51	15	16	189	-346	-205	13
Above Normal Water Years	392	47	95	-98	-133	100	24	0	-5	-454	320	9
Below Normal Water Years	130	29	75	-5	-60	-16	-32	87	-23	-243	146	-51
Dry Water Years	-13	112	48	16	-250	-190	-281	124	-416	170	452	29
Critical Water Years	72	28	5	2	-20	-2	-133	0	-102	-33	18	1

B.2.18 American River below Nimbus Dam

Figure 5A-B5.2.18.1-A. American River below Nimbus Dam Monthly Flow (C_NTOMA), Probability of Exceedance for No Project Alternatives, October to March

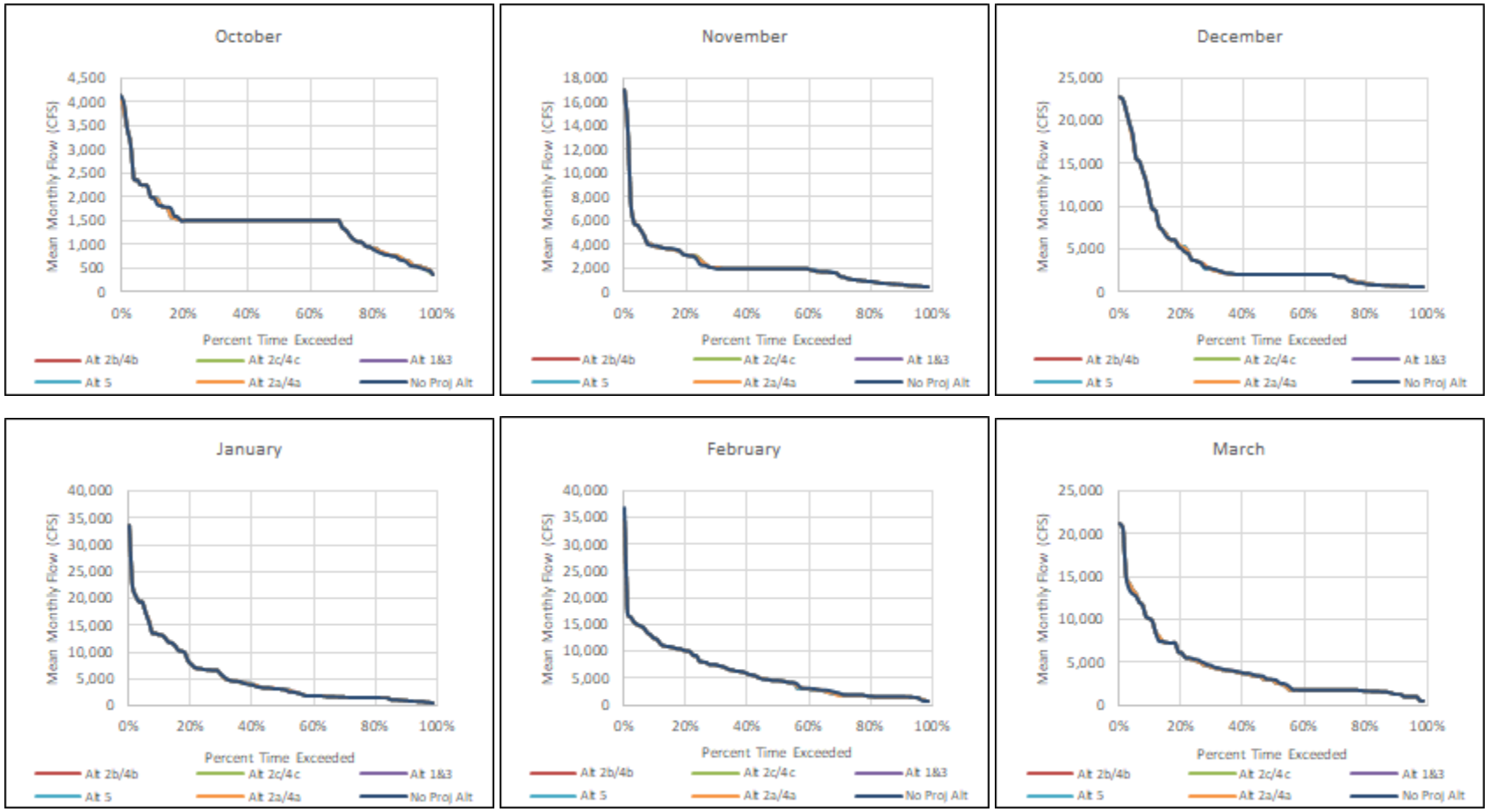


Figure 5A-B5.2.18.1-B. American River below Nimbus Dam Monthly Flow (C_NTOMA), Probability of Exceedance for No Project Alternatives, April to September

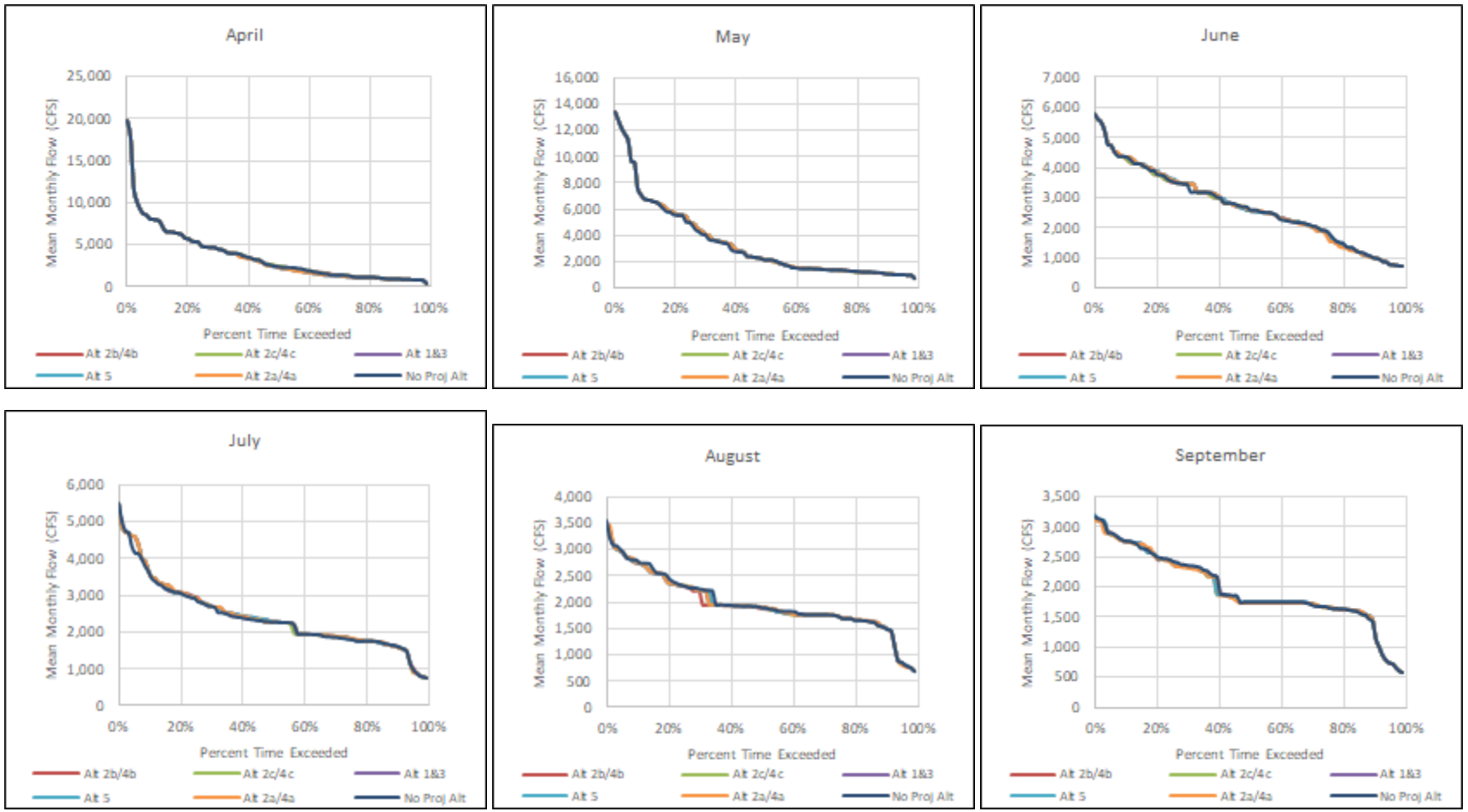


Table 5A-B5.2.18.1-A. American River below Nimbus Dam Monthly Flow (C_NTOMA), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,998	3,924	10,804	13,213	12,323	10,047	7,966	6,764	4,352	3,594	2,784	2,763
20%	1,500	3,160	5,135	7,937	10,069	6,154	5,807	5,575	3,814	3,058	2,468	2,510
30%	1,500	2,008	2,721	5,921	7,419	4,651	4,614	4,071	3,436	2,699	2,248	2,362
40%	1,500	2,000	2,000	3,836	5,863	3,820	3,650	2,812	3,003	2,387	1,931	2,111
50%	1,500	2,000	2,000	3,027	4,499	2,985	2,522	2,176	2,642	2,266	1,896	1,750
60%	1,500	2,000	2,000	1,750	3,008	1,750	2,047	1,572	2,306	1,938	1,815	1,750
70%	1,485	1,591	1,983	1,519	2,188	1,750	1,500	1,435	2,092	1,856	1,750	1,723
80%	929	929	982	1,400	1,593	1,675	1,217	1,316	1,495	1,750	1,666	1,639
90%	660	676	679	907	1,400	1,325	1,016	1,132	1,030	1,615	1,512	1,444

Table 5A-B5.2.18.1-B. American River below Nimbus Dam Monthly Flow (C_NTOMA), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,453	2,382	4,008	5,248	5,915	4,330	3,770	3,460	2,721	2,409	1,993	1,976
Wet Water Years	1,666	3,392	7,472	10,390	9,924	7,434	6,166	5,733	3,365	2,831	2,440	2,514
Above Normal Water Years	1,556	2,180	3,398	5,941	7,207	5,230	3,622	3,637	3,051	2,760	2,188	2,525
Below Normal Water Years	1,322	1,923	2,412	2,229	4,411	2,626	2,885	2,646	2,707	2,504	1,896	1,736
Dry Water Years	1,258	1,712	1,543	1,790	2,329	2,294	1,670	1,467	2,248	1,828	1,656	1,542
Critical Water Years	1,301	1,530	1,274	1,167	1,366	1,185	1,655	1,169	1,286	1,456	1,225	1,111

Table 5A-B5.2.18.1-C. American River below Nimbus Dam Monthly Flow (C_NTOMA), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,998	3,878	10,804	13,213	12,323	10,047	7,924	6,764	4,307	3,603	2,742	2,759
20%	1,500	3,160	5,167	7,937	10,069	6,154	5,807	5,682	3,760	3,081	2,372	2,502
30%	1,500	2,093	2,694	5,921	7,419	4,448	4,614	4,123	3,465	2,690	2,209	2,342
40%	1,500	2,000	2,000	3,836	5,863	3,733	3,562	3,006	2,991	2,404	1,929	1,888
50%	1,500	2,000	2,000	3,027	4,499	2,931	2,513	2,199	2,577	2,266	1,882	1,750
60%	1,500	2,000	2,000	1,750	2,974	1,750	2,008	1,600	2,344	1,937	1,770	1,750
70%	1,485	1,596	1,983	1,519	2,030	1,750	1,500	1,443	2,043	1,867	1,750	1,737
80%	929	929	1,041	1,400	1,593	1,675	1,217	1,292	1,463	1,750	1,666	1,643
90%	692	675	690	907	1,400	1,325	1,016	1,158	1,023	1,608	1,519	1,475

Table 5A-B5.2.18.1-D. American River below Nimbus Dam Monthly Flow (C_NTOMA), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,457	2,392	4,021	5,247	5,867	4,314	3,771	3,498	2,714	2,433	1,968	1,974
Wet Water Years	1,660	3,393	7,491	10,382	9,854	7,478	6,168	5,735	3,346	2,888	2,408	2,501
Above Normal Water Years	1,556	2,277	3,383	5,943	7,207	5,239	3,604	3,637	3,070	2,812	2,162	2,520
Below Normal Water Years	1,341	1,916	2,412	2,235	4,389	2,653	2,889	2,656	2,713	2,488	1,859	1,736
Dry Water Years	1,265	1,711	1,545	1,790	2,187	2,027	1,697	1,711	2,237	1,849	1,644	1,560
Critical Water Years	1,298	1,552	1,331	1,167	1,397	1,185	1,635	1,152	1,270	1,457	1,226	1,116

Table 5A-B5.2.18.1-E. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-46	0	0	0	0	-41	0	-45	9	-42	-3
20%	0	0	32	0	1	0	0	107	-53	23	-95	-8
30%	0	85	-28	0	0	-203	0	52	29	-9	-39	-20
40%	0	0	0	0	0	-87	-87	194	-13	18	-2	-223
50%	0	0	0	0	0	-55	-9	23	-65	0	-14	0
60%	0	0	0	0	-33	0	-38	28	38	0	-45	0
70%	0	5	0	0	-158	0	0	8	-48	11	0	14
80%	0	0	59	0	0	0	0	-23	-32	0	0	4
90%	31	-1	12	0	0	0	0	26	-7	-7	8	30

Table 5A-B5.2.18.1-F. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4	10	13	-1	-48	-16	1	38	-7	24	-26	-2
Wet Water Years	-6	1	19	-8	-69	43	2	2	-19	57	-32	-13
Above Normal Water Years	0	96	-15	1	0	9	-18	0	20	52	-26	-6
Below Normal Water Years	19	-7	0	6	-22	27	3	10	6	-16	-37	0
Dry Water Years	7	-1	2	0	-142	-268	27	244	-10	21	-12	17
Critical Water Years	-2	22	57	0	31	0	-21	-17	-16	1	1	4

Table 5A-B5.2.18.2-A. American River below Nimbus Dam Monthly Flow (C_NTOMA), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,998	3,869	10,804	13,213	12,324	10,047	7,926	6,764	4,307	3,602	2,741	2,768
20%	1,503	3,161	5,322	7,937	10,069	6,154	5,807	5,682	3,760	3,064	2,372	2,516
30%	1,500	2,088	2,681	5,921	7,419	4,448	4,614	4,123	3,465	2,692	2,218	2,342
40%	1,500	2,000	2,000	3,836	5,863	3,733	3,597	3,002	2,992	2,416	1,929	1,891
50%	1,500	2,000	2,000	3,027	4,499	2,931	2,583	2,193	2,574	2,265	1,902	1,750
60%	1,500	2,000	2,000	1,750	2,970	1,750	2,035	1,584	2,335	1,937	1,754	1,750
70%	1,485	1,596	1,983	1,519	2,028	1,750	1,500	1,443	2,043	1,867	1,750	1,737
80%	929	929	1,041	1,400	1,593	1,675	1,217	1,267	1,463	1,750	1,666	1,643
90%	692	660	690	907	1,400	1,325	1,016	1,181	1,025	1,608	1,516	1,473

Table 5A-B5.2.18.2-B. American River below Nimbus Dam Monthly Flow (C_NTOMA), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,457	2,391	4,015	5,251	5,868	4,313	3,773	3,498	2,713	2,430	1,975	1,973
Wet Water Years	1,660	3,394	7,465	10,382	9,854	7,478	6,167	5,735	3,342	2,881	2,408	2,498
Above Normal Water Years	1,556	2,277	3,385	5,940	7,207	5,240	3,608	3,636	3,068	2,813	2,162	2,516
Below Normal Water Years	1,344	1,916	2,423	2,234	4,391	2,651	2,893	2,647	2,716	2,502	1,887	1,737
Dry Water Years	1,262	1,702	1,543	1,814	2,188	2,027	1,675	1,729	2,229	1,843	1,641	1,560
Critical Water Years	1,297	1,553	1,331	1,166	1,397	1,185	1,664	1,151	1,277	1,429	1,226	1,115

Table 5A-B5.2.18.2-C. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-55	0	0	0	0	-40	0	-45	8	-43	6
20%	3	1	187	0	0	0	0	107	-53	6	-95	6
30%	0	80	-40	0	0	-203	0	52	29	-8	-31	-21
40%	0	0	0	0	0	-87	-52	190	-11	30	-2	-220
50%	0	0	0	0	0	-55	61	17	-68	-1	6	0
60%	0	0	0	0	-37	0	-12	12	29	0	-61	0
70%	0	5	0	0	-159	0	0	8	-49	11	0	14
80%	0	0	59	0	0	0	0	-49	-32	0	0	4
90%	31	-15	12	0	0	0	0	49	-5	-7	4	29

Table 5A-B5.2.18.2-D. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4	9	7	2	-47	-17	3	38	-8	21	-18	-3
Wet Water Years	-7	2	-7	-7	-69	43	1	2	-24	50	-32	-16
Above Normal Water Years	0	96	-13	-2	0	10	-14	0	18	53	-25	-10
Below Normal Water Years	22	-7	12	5	-20	25	8	1	9	-2	-9	1
Dry Water Years	4	-10	0	24	-141	-268	4	261	-19	15	-15	17
Critical Water Years	-3	22	57	0	31	0	8	-19	-9	-26	0	4

Table 5A-B5.2.18.3-A. American River below Nimbus Dam Monthly Flow (C_NTOMA), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,997	3,866	10,804	13,213	12,324	10,047	7,930	6,764	4,353	3,602	2,741	2,757
20%	1,503	3,140	5,324	7,937	10,069	6,154	5,807	5,682	3,892	3,058	2,371	2,514
30%	1,500	2,097	2,639	5,921	7,419	4,448	4,614	4,123	3,465	2,687	2,217	2,339
40%	1,500	2,000	2,000	4,079	5,863	3,733	3,534	2,995	3,071	2,435	1,930	2,112
50%	1,500	2,000	2,000	3,027	4,499	2,931	2,464	2,192	2,574	2,272	1,900	1,750
60%	1,500	2,000	2,000	1,750	2,984	1,750	1,831	1,581	2,332	1,937	1,776	1,750
70%	1,485	1,596	1,983	1,519	2,121	1,750	1,464	1,443	2,052	1,884	1,750	1,737
80%	929	929	1,041	1,400	1,593	1,675	1,217	1,294	1,496	1,750	1,666	1,643
90%	677	660	690	907	1,400	1,325	1,016	1,133	1,025	1,608	1,525	1,490

Table 5A-B5.2.18.3-B. American River below Nimbus Dam Monthly Flow (C_NTOMA), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,453	2,390	4,024	5,262	5,874	4,311	3,717	3,498	2,734	2,437	1,977	1,977
Wet Water Years	1,656	3,391	7,466	10,389	9,855	7,478	6,167	5,735	3,340	2,883	2,405	2,507
Above Normal Water Years	1,557	2,264	3,473	5,940	7,207	5,240	3,607	3,636	3,067	2,810	2,163	2,515
Below Normal Water Years	1,337	1,921	2,424	2,238	4,391	2,642	2,860	2,637	2,696	2,505	1,900	1,737
Dry Water Years	1,254	1,702	1,543	1,865	2,222	2,027	1,562	1,725	2,297	1,846	1,628	1,560
Critical Water Years	1,301	1,553	1,331	1,172	1,397	1,185	1,430	1,173	1,409	1,475	1,234	1,124

Table 5A-B5.2.18.3-C. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-58	0	0	0	0	-36	0	2	7	-43	-5
20%	3	-20	189	0	0	0	0	107	78	-1	-96	4
30%	0	89	-83	0	0	-203	0	52	29	-12	-31	-23
40%	0	0	0	243	0	-87	-116	183	67	49	-1	1
50%	0	0	0	0	0	-55	-57	16	-67	6	3	0
60%	0	0	0	0	-24	0	-216	9	26	0	-39	0
70%	0	5	0	0	-66	0	-36	8	-39	28	0	14
80%	0	0	59	0	0	0	0	-22	1	0	0	4
90%	17	-15	12	0	0	0	0	0	-5	-7	13	46

Table 5A-B5.2.18.3-D. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	8	16	14	-42	-19	-53	37	13	29	-17	1
Wet Water Years	-10	-2	-6	-1	-69	43	1	2	-25	52	-35	-7
Above Normal Water Years	1	83	75	-1	0	10	-15	0	16	50	-25	-10
Below Normal Water Years	14	-2	12	9	-19	16	-25	-8	-11	2	4	0
Dry Water Years	-4	-10	0	75	-106	-268	-109	257	50	18	-28	17
Critical Water Years	1	23	57	6	31	0	-225	3	123	19	9	13

Table 5A-B5.2.18.4-A. American River below Nimbus Dam Monthly Flow (C_NTOMA), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,997	3,862	10,804	13,213	12,324	10,047	7,943	6,764	4,359	3,604	2,740	2,777
20%	1,508	3,138	5,373	7,937	10,066	6,154	5,807	5,682	3,866	3,071	2,369	2,517
30%	1,500	2,104	2,642	5,921	7,419	4,449	4,613	4,122	3,466	2,701	2,216	2,338
40%	1,500	2,000	2,000	3,935	5,863	3,733	3,494	3,002	3,070	2,427	1,931	2,111
50%	1,500	2,000	2,000	3,028	4,499	2,930	2,472	2,192	2,611	2,265	1,903	1,750
60%	1,500	2,000	2,000	1,750	3,008	1,750	1,831	1,608	2,322	1,937	1,773	1,750
70%	1,485	1,596	1,983	1,519	1,779	1,750	1,496	1,443	2,052	1,894	1,750	1,740
80%	929	929	1,041	1,400	1,593	1,675	1,217	1,294	1,357	1,750	1,670	1,645
90%	692	660	690	907	1,400	1,325	1,016	1,146	1,014	1,608	1,515	1,490

Table 5A-B5.2.18.4-B. American River below Nimbus Dam Monthly Flow (C_NTOMA), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,455	2,388	4,024	5,261	5,879	4,313	3,711	3,501	2,723	2,439	1,977	1,978
Wet Water Years	1,656	3,390	7,473	10,393	9,856	7,478	6,167	5,735	3,336	2,886	2,408	2,503
Above Normal Water Years	1,559	2,233	3,463	5,947	7,207	5,239	3,593	3,637	3,067	2,826	2,199	2,530
Below Normal Water Years	1,336	1,924	2,419	2,239	4,396	2,651	2,853	2,634	2,690	2,505	1,891	1,733
Dry Water Years	1,265	1,702	1,544	1,840	2,246	2,027	1,557	1,747	2,242	1,855	1,617	1,560
Critical Water Years	1,301	1,553	1,331	1,170	1,397	1,185	1,421	1,177	1,410	1,460	1,235	1,137

Table 5A-B5.2.18.4-C. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-62	0	0	0	0	-23	0	7	10	-43	15
20%	8	-22	238	0	-2	0	0	107	53	12	-99	7
30%	0	96	-79	0	0	-202	0	51	30	1	-32	-24
40%	0	0	0	99	0	-87	-156	189	66	41	0	1
50%	0	0	0	1	0	-55	-50	16	-31	-1	6	0
60%	0	0	0	0	0	0	-216	36	17	0	-42	0
70%	0	5	0	0	-408	0	-4	8	-40	38	0	17
80%	0	0	59	0	0	0	0	-21	-138	0	4	7
90%	31	-15	12	0	0	0	0	13	-16	-7	3	46

Table 5A-B5.2.18.4-D. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2	6	16	12	-36	-17	-58	40	2	31	-16	2
Wet Water Years	-11	-2	1	3	-68	43	1	2	-30	55	-32	-11
Above Normal Water Years	3	52	65	5	0	10	-29	1	17	65	12	5
Below Normal Water Years	14	1	7	10	-15	25	-33	-11	-17	1	-5	-3
Dry Water Years	7	-10	1	51	-83	-268	-113	280	-5	27	-39	17
Critical Water Years	1	23	57	3	31	0	-234	7	125	4	10	26

Table 5A-B5.2.18.5-A. American River below Nimbus Dam Monthly Flow (C_NTOMA), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,997	3,866	10,804	13,213	12,323	10,047	7,931	6,764	4,353	3,602	2,741	2,757
20%	1,503	3,140	5,324	7,937	10,069	6,154	5,807	5,682	3,892	3,053	2,371	2,515
30%	1,500	2,097	2,639	5,921	7,419	4,448	4,614	4,123	3,465	2,687	2,235	2,339
40%	1,500	2,000	2,000	4,078	5,863	3,733	3,534	2,995	3,071	2,435	1,932	1,890
50%	1,500	2,000	2,000	3,027	4,499	2,931	2,464	2,192	2,574	2,272	1,900	1,750
60%	1,500	2,000	2,000	1,750	2,984	1,750	1,831	1,581	2,334	1,937	1,776	1,750
70%	1,485	1,596	1,983	1,519	2,121	1,750	1,464	1,443	2,052	1,884	1,750	1,737
80%	929	929	1,041	1,400	1,593	1,675	1,217	1,294	1,496	1,750	1,666	1,643
90%	677	660	690	907	1,400	1,325	1,016	1,132	1,025	1,608	1,525	1,490

Table 5A-B5.2.18.5-B. American River below Nimbus Dam Monthly Flow (C_NTOMA), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,453	2,390	4,024	5,262	5,874	4,311	3,717	3,498	2,734	2,437	1,980	1,973
Wet Water Years	1,656	3,388	7,466	10,389	9,855	7,478	6,167	5,735	3,340	2,883	2,414	2,496
Above Normal Water Years	1,557	2,264	3,473	5,940	7,207	5,240	3,607	3,636	3,067	2,810	2,163	2,515
Below Normal Water Years	1,337	1,924	2,424	2,238	4,392	2,642	2,860	2,637	2,699	2,505	1,900	1,737
Dry Water Years	1,254	1,702	1,543	1,865	2,223	2,027	1,562	1,725	2,297	1,846	1,628	1,560
Critical Water Years	1,301	1,553	1,331	1,172	1,397	1,185	1,430	1,173	1,409	1,475	1,234	1,124

Table 5A-B5.2.18.5-C. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-58	0	0	0	0	-35	0	2	7	-43	-5
20%	3	-20	189	0	0	0	0	107	78	-6	-96	5
30%	0	89	-82	0	0	-203	0	52	29	-12	-13	-23
40%	0	0	0	242	0	-87	-116	183	67	49	1	-220
50%	0	0	0	0	0	-55	-57	16	-67	6	3	0
60%	0	0	0	0	-24	0	-216	9	28	0	-39	0
70%	0	5	0	0	-66	0	-36	8	-39	28	0	14
80%	0	0	59	0	0	0	0	-22	1	0	0	4
90%	17	-15	12	0	0	0	0	0	-5	-7	13	46

Table 5A-B5.2.18.5-D. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	8	16	14	-41	-19	-53	37	13	29	-13	-3
Wet Water Years	-10	-4	-6	-1	-69	43	1	2	-26	52	-26	-18
Above Normal Water Years	1	83	75	-1	0	10	-15	0	16	50	-25	-10
Below Normal Water Years	14	1	12	9	-19	16	-25	-8	-9	2	4	0
Dry Water Years	-4	-10	0	75	-106	-268	-109	257	49	18	-28	17
Critical Water Years	1	23	57	6	31	0	-225	3	123	19	9	13

B.2.19 American River at Watt Ave

Figure 5A-B5.2.19.1-A. American River at Watt Ave Monthly Flow (C_AMR009), Probability of Exceedance for No Project Alternatives, October to March

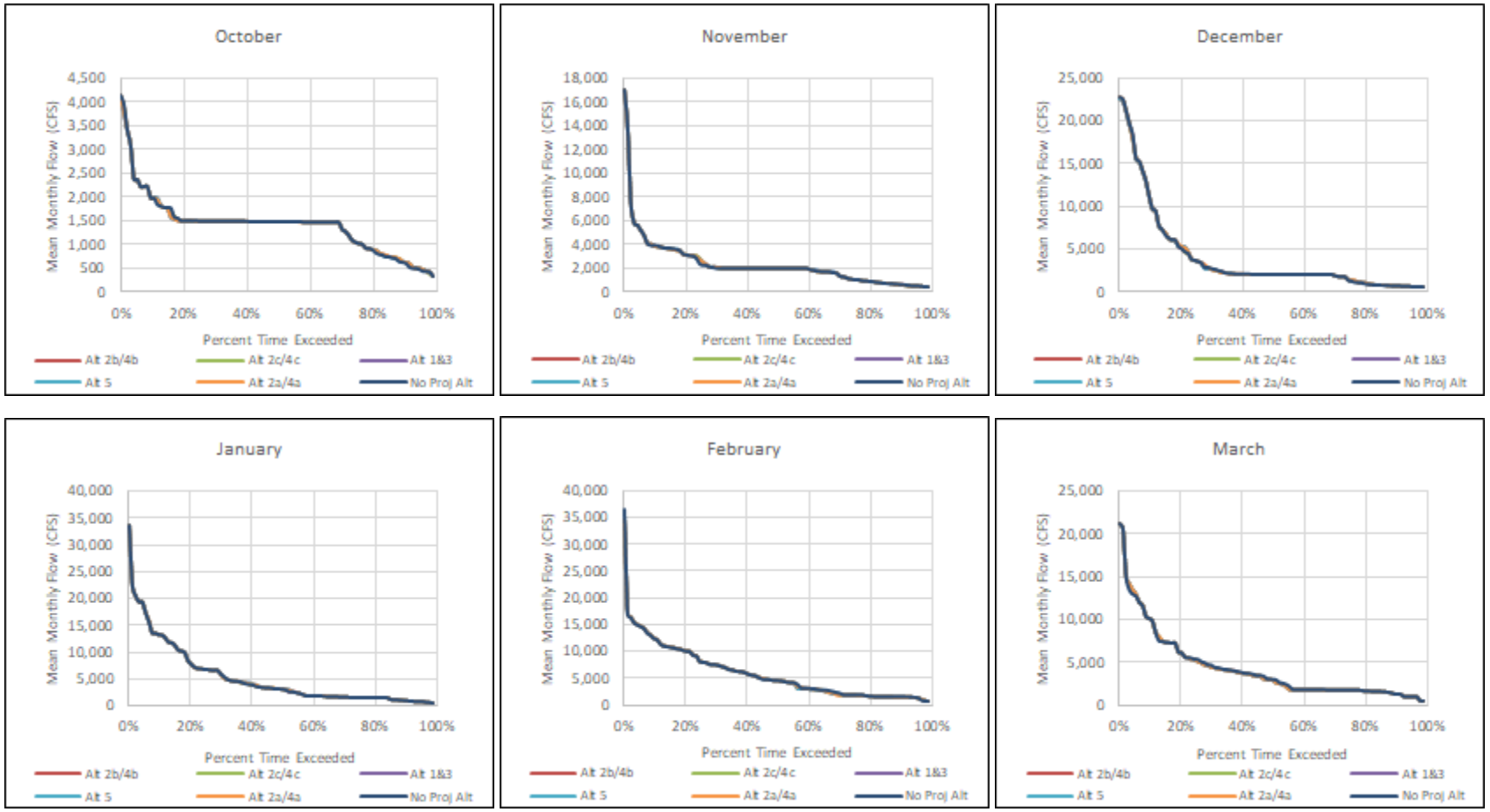


Figure 5A-B5.2.19.1-B. American River at Watt Ave Monthly Flow (C_AMR009), Probability of Exceedance for No Project Alternatives, April to September

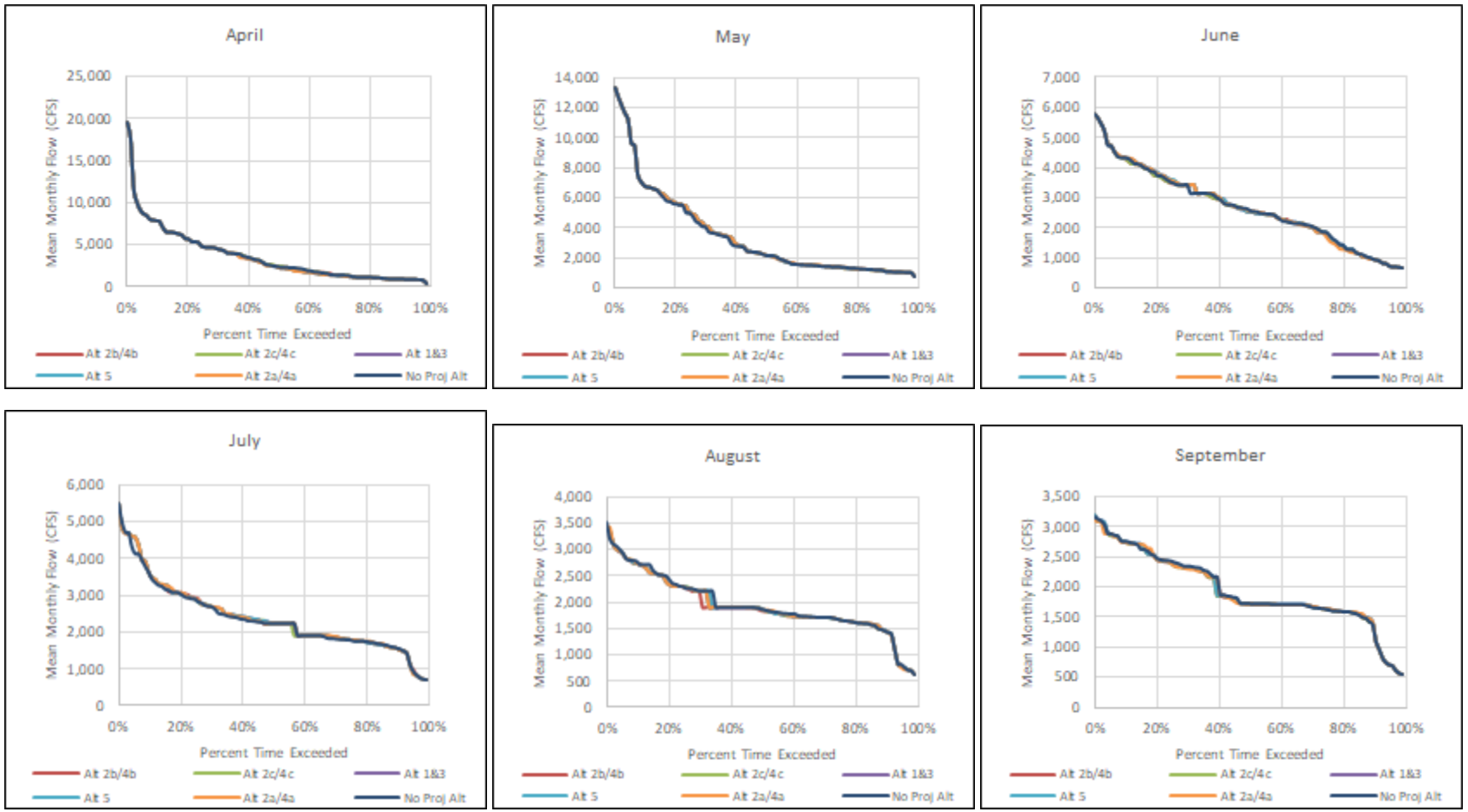


Table 5A-B5.2.19.1-A. American River at Watt Ave Monthly Flow (C_AMR009), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,978	3,906	10,753	13,169	12,281	10,035	7,925	6,767	4,319	3,572	2,761	2,747
20%	1,498	3,139	5,099	7,908	10,021	6,125	5,786	5,580	3,791	3,034	2,455	2,487
30%	1,489	2,006	2,690	5,901	7,414	4,671	4,605	4,055	3,433	2,687	2,212	2,342
40%	1,485	1,989	2,000	3,819	5,844	3,805	3,637	2,793	2,993	2,346	1,904	2,104
50%	1,478	1,981	1,993	3,015	4,476	2,986	2,505	2,176	2,616	2,228	1,876	1,726
60%	1,473	1,972	1,983	1,745	2,987	1,762	2,045	1,569	2,317	1,904	1,779	1,716
70%	1,449	1,560	1,959	1,515	2,161	1,735	1,487	1,411	2,091	1,821	1,712	1,677
80%	903	912	959	1,395	1,580	1,656	1,206	1,296	1,459	1,747	1,627	1,598
90%	628	649	653	886	1,397	1,316	1,004	1,101	1,002	1,571	1,463	1,395

Table 5A-B5.2.19.1-B. American River at Watt Ave Monthly Flow (C_AMR009), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,432	2,361	3,983	5,222	5,894	4,319	3,759	3,443	2,699	2,381	1,965	1,949
Wet Water Years	1,646	3,369	7,433	10,348	9,902	7,428	6,166	5,726	3,360	2,818	2,425	2,500
Above Normal Water Years	1,536	2,162	3,377	5,912	7,185	5,221	3,619	3,625	3,033	2,737	2,166	2,504
Below Normal Water Years	1,302	1,904	2,393	2,213	4,387	2,612	2,868	2,622	2,675	2,467	1,861	1,703
Dry Water Years	1,238	1,695	1,530	1,776	2,315	2,281	1,657	1,447	2,215	1,792	1,619	1,507
Critical Water Years	1,273	1,506	1,254	1,147	1,346	1,165	1,630	1,138	1,245	1,409	1,178	1,068

Table 5A-B5.2.19.1-C. American River at Watt Ave Monthly Flow (C_AMR009), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,978	3,864	10,753	13,169	12,281	10,035	7,883	6,767	4,291	3,580	2,732	2,752
20%	1,498	3,139	5,131	7,908	10,021	6,125	5,786	5,661	3,738	3,066	2,354	2,483
30%	1,489	2,075	2,662	5,902	7,414	4,423	4,606	4,099	3,433	2,689	2,209	2,330
40%	1,485	1,991	2,000	3,819	5,845	3,718	3,546	3,001	2,964	2,383	1,904	1,869
50%	1,478	1,981	1,993	3,015	4,477	2,942	2,504	2,199	2,559	2,228	1,849	1,729
60%	1,474	1,972	1,983	1,745	2,951	1,751	2,006	1,597	2,325	1,904	1,735	1,716
70%	1,449	1,566	1,959	1,515	2,021	1,732	1,521	1,426	2,042	1,833	1,712	1,693
80%	903	912	1,022	1,395	1,580	1,656	1,206	1,260	1,434	1,745	1,627	1,603
90%	657	649	662	889	1,397	1,316	1,004	1,122	995	1,565	1,471	1,429

Table 5A-B5.2.19.1-D. American River at Watt Ave Monthly Flow (C_AMR009), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,436	2,372	3,996	5,221	5,847	4,303	3,761	3,481	2,692	2,405	1,939	1,947
Wet Water Years	1,639	3,370	7,452	10,340	9,833	7,472	6,168	5,728	3,340	2,875	2,394	2,487
Above Normal Water Years	1,536	2,258	3,362	5,914	7,185	5,230	3,602	3,625	3,053	2,789	2,140	2,498
Below Normal Water Years	1,321	1,897	2,394	2,219	4,366	2,639	2,871	2,632	2,681	2,452	1,824	1,703
Dry Water Years	1,245	1,694	1,531	1,776	2,174	2,014	1,684	1,690	2,205	1,813	1,607	1,524
Critical Water Years	1,271	1,529	1,310	1,148	1,377	1,166	1,609	1,121	1,230	1,411	1,179	1,072

Table 5A-B5.2.19.1-E. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-42	0	0	1	0	-41	0	-28	9	-29	5
20%	0	0	32	1	1	0	0	81	-53	32	-101	-4
30%	0	69	-28	0	0	-248	1	44	0	2	-3	-13
40%	-1	1	0	1	0	-87	-91	208	-29	37	0	-235
50%	0	0	0	0	0	-44	0	23	-57	0	-27	2
60%	1	0	0	0	-35	-11	-38	28	8	0	-44	1
70%	0	5	0	0	-140	-3	33	15	-48	12	0	16
80%	0	0	63	0	0	0	0	-36	-25	-2	0	5
90%	29	0	9	4	0	0	0	21	-7	-7	8	34

Table 5A-B5.2.19.1-F. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4	10	13	-1	-47	-16	1	38	-7	24	-25	-2
Wet Water Years	-6	1	19	-8	-69	43	2	2	-19	57	-32	-13
Above Normal Water Years	0	96	-15	2	0	9	-18	0	20	52	-26	-6
Below Normal Water Years	19	-7	1	6	-22	27	4	10	6	-15	-37	0
Dry Water Years	7	-1	2	0	-141	-267	27	243	-10	22	-12	18
Critical Water Years	-2	23	57	0	31	0	-20	-17	-15	2	1	4

Table 5A-B5.2.19.2-A. American River at Watt Ave Monthly Flow (C_AMR009), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,978	3,854	10,753	13,169	12,281	10,035	7,885	6,767	4,291	3,580	2,730	2,756
20%	1,498	3,140	5,283	7,908	10,021	6,125	5,786	5,661	3,737	3,051	2,354	2,486
30%	1,489	2,076	2,650	5,902	7,414	4,423	4,606	4,099	3,433	2,690	2,209	2,322
40%	1,485	1,991	2,000	3,819	5,845	3,718	3,584	2,996	2,966	2,390	1,904	1,869
50%	1,478	1,981	1,993	3,015	4,477	2,942	2,576	2,193	2,555	2,228	1,884	1,729
60%	1,474	1,972	1,983	1,745	2,947	1,751	2,032	1,581	2,318	1,904	1,735	1,717
70%	1,449	1,566	1,959	1,515	2,019	1,732	1,502	1,426	2,042	1,841	1,711	1,693
80%	903	912	1,022	1,395	1,580	1,656	1,206	1,243	1,433	1,740	1,627	1,603
90%	657	634	662	889	1,397	1,316	1,004	1,148	997	1,565	1,468	1,428

Table 5A-B5.2.19.2-B. American River at Watt Ave Monthly Flow (C_AMR009), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,436	2,371	3,990	5,224	5,848	4,302	3,762	3,481	2,690	2,402	1,947	1,946
Wet Water Years	1,639	3,371	7,427	10,341	9,833	7,472	6,168	5,728	3,336	2,869	2,394	2,484
Above Normal Water Years	1,536	2,258	3,364	5,911	7,185	5,231	3,605	3,625	3,051	2,790	2,140	2,494
Below Normal Water Years	1,324	1,898	2,405	2,218	4,368	2,637	2,876	2,623	2,684	2,466	1,852	1,703
Dry Water Years	1,242	1,685	1,530	1,800	2,175	2,014	1,661	1,707	2,197	1,807	1,604	1,524
Critical Water Years	1,270	1,529	1,310	1,147	1,377	1,166	1,638	1,120	1,237	1,383	1,179	1,071

Table 5A-B5.2.19.2-C. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-52	0	0	1	0	-40	0	-28	8	-30	8
20%	0	1	184	1	0	0	0	81	-53	17	-101	-1
30%	0	70	-40	0	0	-248	1	44	0	3	-3	-21
40%	-1	1	0	1	0	-87	-52	203	-27	44	0	-235
50%	0	0	0	0	0	-44	71	17	-61	0	8	2
60%	1	0	0	0	-39	-11	-12	12	1	0	-44	1
70%	0	5	0	0	-142	-3	15	15	-49	20	-1	16
80%	0	0	63	0	0	0	0	-53	-26	-6	0	5
90%	29	-15	9	4	0	0	0	47	-5	-7	4	32

Table 5A-B5.2.19.2-D. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4	9	7	2	-47	-17	3	38	-8	21	-18	-3
Wet Water Years	-6	2	-7	-7	-69	43	1	2	-24	50	-32	-16
Above Normal Water Years	0	96	-13	-2	0	10	-14	0	18	53	-25	-9
Below Normal Water Years	21	-7	12	6	-19	25	8	1	9	-2	-9	1
Dry Water Years	4	-10	0	24	-141	-267	4	260	-18	15	-15	18
Critical Water Years	-3	23	56	0	31	0	9	-18	-9	-26	1	4

Table 5A-B5.2.19.3-A. American River at Watt Ave Monthly Flow (C_AMR009), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,978	3,856	10,753	13,169	12,281	10,035	7,889	6,767	4,332	3,579	2,730	2,750
20%	1,498	3,119	5,285	7,909	10,021	6,125	5,786	5,661	3,859	3,042	2,353	2,484
30%	1,489	2,084	2,607	5,902	7,414	4,423	4,606	4,099	3,433	2,686	2,209	2,315
40%	1,485	1,991	2,000	4,050	5,845	3,718	3,512	2,989	3,038	2,425	1,904	2,104
50%	1,479	1,982	1,993	3,015	4,477	2,942	2,454	2,192	2,556	2,228	1,880	1,729
60%	1,474	1,972	1,983	1,746	2,963	1,751	1,850	1,577	2,316	1,904	1,746	1,717
70%	1,449	1,565	1,959	1,515	2,106	1,732	1,451	1,426	2,051	1,870	1,711	1,693
80%	903	912	1,022	1,395	1,580	1,656	1,203	1,270	1,460	1,740	1,627	1,603
90%	644	634	662	889	1,397	1,316	1,004	1,100	998	1,565	1,477	1,446

Table 5A-B5.2.19.3-B. American River at Watt Ave Monthly Flow (C_AMR009), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,432	2,370	3,998	5,236	5,853	4,300	3,707	3,480	2,711	2,409	1,948	1,950
Wet Water Years	1,636	3,367	7,427	10,347	9,833	7,472	6,168	5,728	3,334	2,870	2,390	2,493
Above Normal Water Years	1,537	2,245	3,452	5,911	7,185	5,231	3,605	3,625	3,049	2,787	2,141	2,494
Below Normal Water Years	1,316	1,903	2,406	2,222	4,368	2,629	2,843	2,614	2,664	2,469	1,864	1,703
Dry Water Years	1,234	1,686	1,530	1,851	2,210	2,014	1,549	1,703	2,265	1,810	1,591	1,524
Critical Water Years	1,274	1,529	1,310	1,154	1,377	1,166	1,406	1,142	1,368	1,428	1,187	1,081

Table 5A-B5.2.19.3-C. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-50	0	0	1	0	-35	0	13	7	-31	2
20%	0	-20	186	1	0	0	0	81	69	9	-102	-3
30%	0	78	-83	0	0	-248	1	44	0	-1	-3	-27
40%	-1	2	0	232	0	-87	-125	196	45	79	0	0
50%	1	1	0	0	0	-44	-51	16	-60	0	5	2
60%	0	0	0	0	-23	-11	-194	8	-1	0	-33	1
70%	0	5	0	0	-55	-3	-36	15	-39	50	-1	16
80%	0	0	63	0	0	0	-3	-27	1	-6	0	5
90%	16	-15	10	4	0	0	0	-2	-4	-7	13	51

Table 5A-B5.2.19.3-D. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	9	16	14	-41	-19	-52	37	13	29	-17	1
Wet Water Years	-10	-1	-6	-1	-69	43	1	2	-25	52	-35	-7
Above Normal Water Years	1	83	75	-1	0	10	-14	0	16	50	-24	-10
Below Normal Water Years	14	-1	13	10	-19	16	-25	-8	-11	2	4	0
Dry Water Years	-4	-10	0	75	-106	-267	-108	256	50	18	-28	18
Critical Water Years	1	23	57	6	31	0	-224	3	123	19	9	13

Table 5A-B5.2.19.4-A. American River at Watt Ave Monthly Flow (C_AMR009), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,978	3,849	10,753	13,169	12,282	10,036	7,902	6,768	4,337	3,581	2,730	2,751
20%	1,498	3,117	5,331	7,909	10,018	6,126	5,786	5,661	3,834	3,064	2,350	2,487
30%	1,489	2,092	2,611	5,902	7,414	4,424	4,606	4,099	3,433	2,693	2,209	2,311
40%	1,485	1,991	1,998	3,898	5,845	3,718	3,472	2,997	3,037	2,409	1,904	2,104
50%	1,479	1,982	1,993	3,016	4,477	2,942	2,466	2,193	2,593	2,228	1,870	1,729
60%	1,474	1,972	1,983	1,749	2,987	1,751	1,850	1,594	2,313	1,904	1,746	1,716
70%	1,449	1,566	1,959	1,515	1,763	1,732	1,480	1,428	2,051	1,875	1,711	1,694
80%	903	912	1,022	1,395	1,580	1,656	1,203	1,270	1,315	1,756	1,627	1,606
90%	657	634	663	890	1,397	1,316	1,004	1,113	985	1,565	1,467	1,446

Table 5A-B5.2.19.4-B. American River at Watt Ave Monthly Flow (C_AMR009), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,434	2,368	3,999	5,234	5,859	4,302	3,702	3,484	2,700	2,411	1,949	1,951
Wet Water Years	1,636	3,368	7,435	10,351	9,835	7,472	6,168	5,728	3,330	2,873	2,394	2,489
Above Normal Water Years	1,539	2,215	3,442	5,918	7,185	5,231	3,591	3,626	3,050	2,803	2,178	2,509
Below Normal Water Years	1,316	1,906	2,400	2,223	4,373	2,638	2,835	2,611	2,658	2,469	1,856	1,700
Dry Water Years	1,245	1,686	1,531	1,826	2,233	2,015	1,545	1,726	2,210	1,819	1,580	1,525
Critical Water Years	1,274	1,529	1,311	1,151	1,377	1,166	1,397	1,146	1,370	1,414	1,188	1,093

Table 5A-B5.2.19.4-C. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-57	0	0	1	1	-23	1	17	10	-31	4
20%	0	-22	232	1	-2	0	0	81	44	30	-105	0
30%	0	86	-79	1	0	-247	1	43	0	6	-3	-32
40%	0	2	-2	80	0	-87	-164	204	44	63	0	0
50%	1	1	0	1	0	-44	-39	17	-23	0	-5	2
60%	1	0	0	3	0	-11	-194	25	-4	0	-34	1
70%	0	6	0	0	-398	-3	-8	17	-40	54	-1	17
80%	0	0	63	0	0	1	-3	-26	-144	9	0	9
90%	29	-15	10	4	0	0	0	11	-17	-6	3	51

Table 5A-B5.2.19.4-D. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2	7	16	13	-36	-17	-58	40	2	31	-16	2
Wet Water Years	-10	-1	2	3	-67	43	2	3	-29	55	-31	-11
Above Normal Water Years	3	52	66	6	0	10	-29	1	17	66	12	5
Below Normal Water Years	14	2	7	10	-14	25	-32	-11	-17	2	-5	-3
Dry Water Years	7	-9	2	51	-82	-266	-113	278	-5	27	-39	18
Critical Water Years	1	23	57	4	31	1	-233	8	125	4	10	26

Table 5A-B5.2.19.5-A. American River at Watt Ave Monthly Flow (C_AMR009), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,978	3,856	10,753	13,169	12,281	10,035	7,890	6,767	4,332	3,579	2,731	2,749
20%	1,498	3,119	5,285	7,909	10,021	6,125	5,786	5,661	3,860	3,038	2,353	2,485
30%	1,489	2,084	2,607	5,902	7,414	4,423	4,606	4,099	3,433	2,686	2,209	2,315
40%	1,485	1,991	2,000	4,050	5,845	3,718	3,512	2,989	3,038	2,425	1,904	1,869
50%	1,479	1,982	1,993	3,015	4,477	2,942	2,454	2,192	2,556	2,228	1,881	1,729
60%	1,474	1,972	1,983	1,746	2,963	1,751	1,850	1,577	2,318	1,904	1,746	1,717
70%	1,449	1,565	1,959	1,515	2,106	1,732	1,451	1,426	2,051	1,870	1,711	1,693
80%	903	912	1,022	1,395	1,580	1,656	1,203	1,270	1,460	1,740	1,627	1,603
90%	644	634	662	889	1,397	1,316	1,004	1,100	998	1,565	1,477	1,446

Table 5A-B5.2.19.5-B. American River at Watt Ave Monthly Flow (C_AMR009), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,432	2,370	3,999	5,236	5,853	4,300	3,707	3,480	2,712	2,409	1,952	1,946
Wet Water Years	1,636	3,365	7,428	10,347	9,833	7,472	6,168	5,728	3,334	2,870	2,400	2,482
Above Normal Water Years	1,537	2,245	3,452	5,911	7,185	5,231	3,605	3,625	3,049	2,787	2,141	2,494
Below Normal Water Years	1,316	1,906	2,406	2,222	4,369	2,629	2,843	2,614	2,666	2,469	1,864	1,703
Dry Water Years	1,234	1,686	1,530	1,850	2,210	2,014	1,549	1,703	2,264	1,810	1,591	1,524
Critical Water Years	1,274	1,529	1,310	1,154	1,377	1,166	1,406	1,142	1,368	1,428	1,187	1,081

Table 5A-B5.2.19.5-C. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-50	0	0	1	0	-35	0	13	7	-30	2
20%	0	-20	186	1	0	0	0	81	69	4	-102	-2
30%	0	78	-82	0	0	-248	1	44	0	-1	-3	-27
40%	-1	2	0	232	0	-87	-125	197	45	79	0	-235
50%	1	1	0	0	0	-44	-51	16	-60	0	5	2
60%	0	0	0	0	-23	-11	-194	8	1	0	-33	1
70%	0	5	0	0	-55	-3	-36	15	-39	50	-1	16
80%	0	0	63	0	0	0	-3	-27	1	-6	0	5
90%	16	-15	10	4	0	0	0	-2	-4	-7	13	51

Table 5A-B5.2.19.5-D. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	8	16	14	-41	-19	-53	37	13	29	-13	-3
Wet Water Years	-10	-4	-6	-1	-69	43	1	2	-26	52	-26	-18
Above Normal Water Years	1	83	75	-1	0	10	-14	0	17	50	-24	-10
Below Normal Water Years	14	1	13	9	-19	16	-25	-8	-8	2	4	0
Dry Water Years	-4	-10	0	75	-106	-267	-108	256	49	18	-28	18
Critical Water Years	1	23	57	6	31	0	-224	3	123	19	9	13

B.2.20 American River at H Street

Figure 5A-B5.2.20.1-A. American River at H Street Monthly Flow (C_AMR007), Probability of Exceedance for No Project Alternatives, October to March

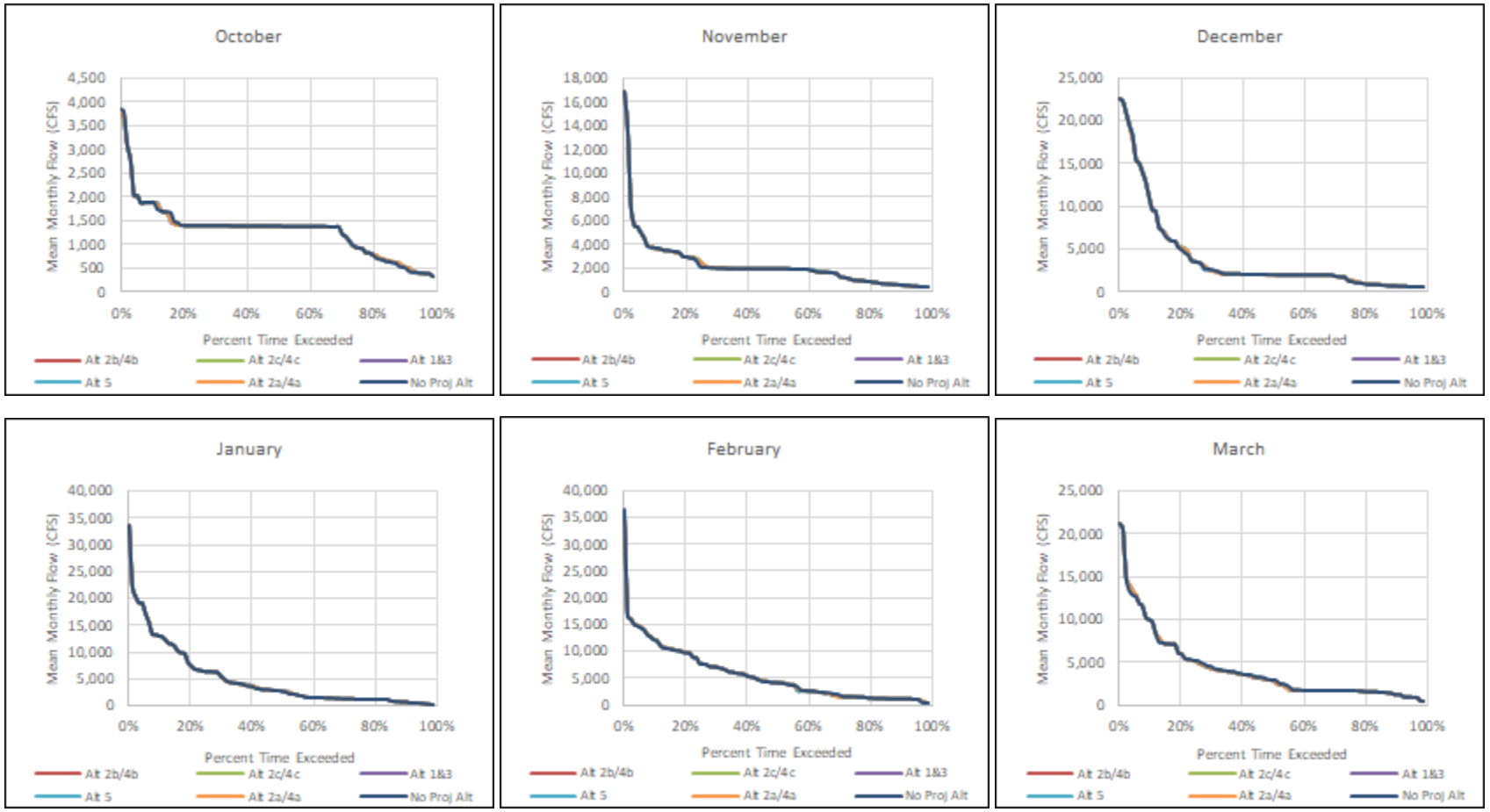


Figure 5A-B5.2.20.1-B. American River at H Street Monthly Flow (C_AMR007), Probability of Exceedance for No Project Alternatives, April to September

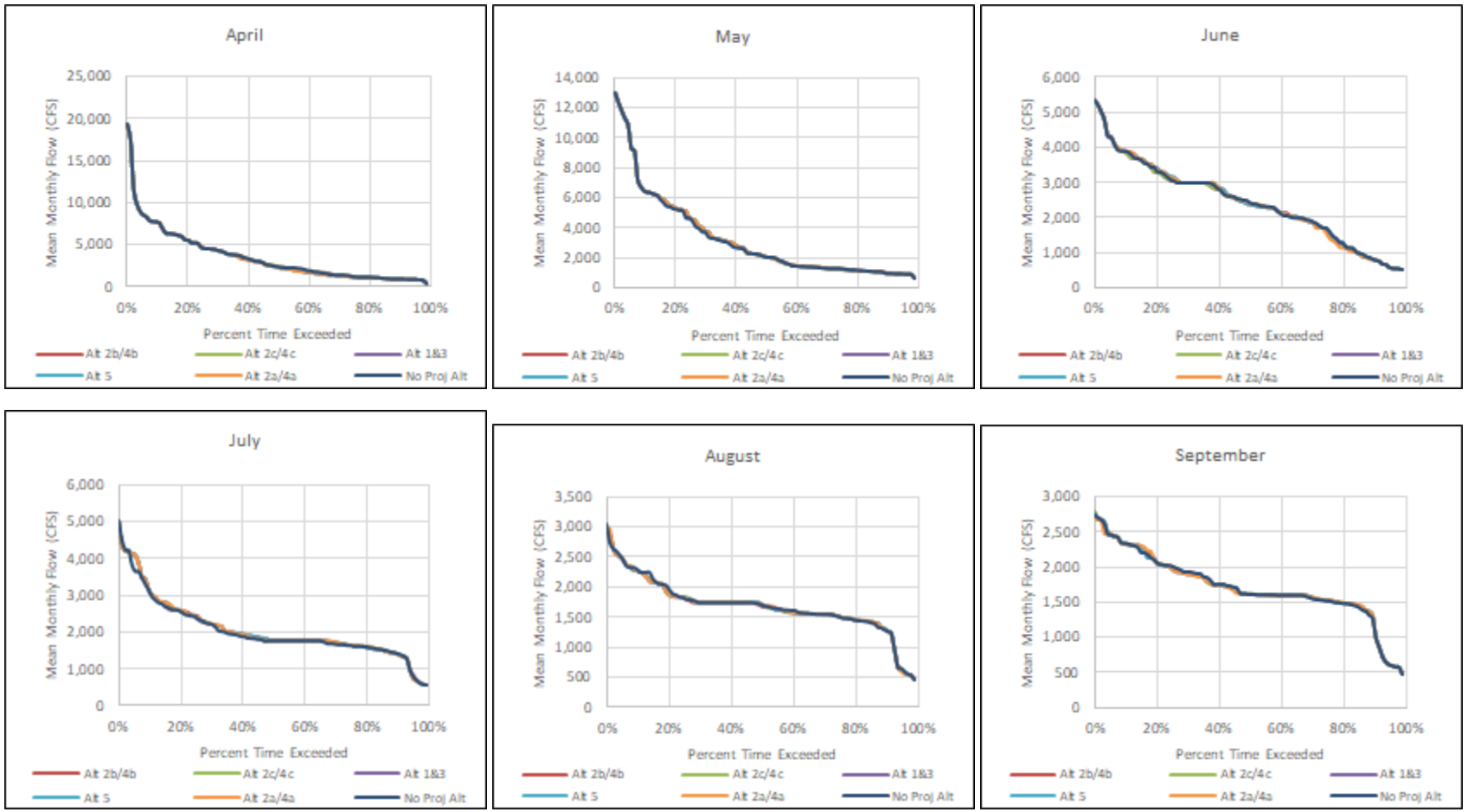


Table 5A-B5.2.20.1-A. American River at H Street Monthly Flow (C_AMR007), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,879	3,670	10,638	13,037	12,224	9,838	7,694	6,412	3,887	3,094	2,302	2,335
20%	1,402	2,921	4,953	7,720	9,890	5,934	5,541	5,229	3,358	2,556	1,996	2,074
30%	1,395	1,967	2,500	5,696	7,217	4,454	4,335	3,697	3,000	2,210	1,753	1,930
40%	1,389	1,903	1,961	3,678	5,668	3,590	3,388	2,674	2,839	1,869	1,750	1,750
50%	1,381	1,892	1,903	2,825	4,273	2,881	2,386	2,058	2,462	1,750	1,722	1,610
60%	1,377	1,875	1,895	1,630	2,788	1,647	1,925	1,450	2,163	1,750	1,625	1,596
70%	1,349	1,464	1,862	1,395	2,108	1,624	1,369	1,292	1,936	1,667	1,558	1,558
80%	809	846	869	1,289	1,471	1,541	1,091	1,177	1,305	1,593	1,473	1,482
90%	529	561	571	803	1,281	1,219	890	982	848	1,418	1,310	1,276

Table 5A-B5.2.20.1-B. American River at H Street Monthly Flow (C_AMR007), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,318	2,237	3,882	5,094	5,751	4,167	3,582	3,234	2,459	2,041	1,704	1,714
Wet Water Years	1,516	3,235	7,311	10,210	9,742	7,254	5,954	5,420	3,079	2,419	2,031	2,114
Above Normal Water Years	1,442	2,043	3,262	5,775	7,039	5,019	3,418	3,453	2,755	2,295	1,876	2,124
Below Normal Water Years	1,199	1,784	2,300	2,089	4,234	2,473	2,704	2,430	2,446	2,114	1,671	1,586
Dry Water Years	1,139	1,581	1,453	1,656	2,193	2,150	1,523	1,328	2,001	1,568	1,465	1,387
Critical Water Years	1,144	1,389	1,177	1,034	1,242	1,060	1,487	1,021	1,091	1,202	1,024	963

Table 5A-B5.2.20.1-C. American River at H Street Monthly Flow (C_AMR007), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,879	3,620	10,638	13,037	12,225	9,838	7,653	6,413	3,859	3,103	2,273	2,339
20%	1,402	2,903	4,985	7,720	9,890	5,934	5,541	5,314	3,305	2,588	1,895	2,071
30%	1,395	1,981	2,473	5,697	7,217	4,209	4,336	3,742	3,000	2,211	1,750	1,917
40%	1,388	1,903	1,961	3,679	5,668	3,497	3,297	2,882	2,810	1,905	1,750	1,750
50%	1,382	1,893	1,903	2,851	4,273	2,837	2,386	2,081	2,405	1,750	1,695	1,612
60%	1,377	1,875	1,895	1,630	2,751	1,643	1,887	1,478	2,171	1,750	1,581	1,597
70%	1,349	1,470	1,864	1,395	1,904	1,623	1,402	1,307	1,888	1,679	1,558	1,573
80%	809	846	926	1,290	1,471	1,541	1,091	1,141	1,280	1,591	1,473	1,487
90%	561	560	582	803	1,281	1,219	890	1,003	842	1,411	1,317	1,310

Table 5A-B5.2.20.1-D. American River at H Street Monthly Flow (C_AMR007), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,320	2,248	3,893	5,093	5,705	4,152	3,583	3,269	2,446	2,065	1,691	1,715
Wet Water Years	1,509	3,236	7,330	10,202	9,673	7,297	5,956	5,422	3,060	2,476	2,018	2,110
Above Normal Water Years	1,443	2,139	3,247	5,776	7,039	5,029	3,400	3,453	2,775	2,348	1,850	2,118
Below Normal Water Years	1,214	1,777	2,297	2,095	4,216	2,500	2,708	2,440	2,430	2,099	1,658	1,586
Dry Water Years	1,146	1,580	1,453	1,656	2,058	1,891	1,550	1,554	1,991	1,590	1,453	1,405
Critical Water Years	1,142	1,412	1,233	1,034	1,273	1,060	1,467	1,004	1,076	1,203	1,025	968

Table 5A-B5.2.20.1-E. American River at H Street Monthly Flow (C_AMR007), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-50	0	0	1	0	-41	0	-28	9	-29	5
20%	0	-18	32	1	1	0	0	85	-53	32	-101	-4
30%	0	14	-28	0	0	-245	1	44	0	2	-3	-13
40%	-1	0	0	1	0	-92	-91	209	-29	37	0	0
50%	0	0	0	26	0	-44	0	23	-57	0	-27	3
60%	0	0	0	0	-36	-5	-39	28	8	0	-44	1
70%	0	5	2	0	-204	-1	34	15	-48	12	0	16
80%	0	0	57	0	0	0	0	-36	-25	-2	0	5
90%	32	-1	12	0	0	0	0	21	-7	-7	8	34

Table 5A-B5.2.20.1-F. American River at H Street Monthly Flow (C_AMR007), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	10	12	-1	-46	-15	1	35	-13	24	-12	1
Wet Water Years	-6	1	19	-8	-69	43	2	2	-19	57	-13	-4
Above Normal Water Years	0	96	-15	2	0	9	-18	0	20	52	-26	-6
Below Normal Water Years	15	-7	-4	6	-18	27	4	10	-15	-15	-13	0
Dry Water Years	7	-1	0	0	-135	-259	27	226	-10	22	-12	18
Critical Water Years	-2	23	57	0	31	0	-20	-17	-15	2	1	4

Table 5A-B5.2.20.2-A. American River at H Street Monthly Flow (C_AMR007), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,879	3,611	10,638	13,037	12,225	9,838	7,654	6,413	3,859	3,102	2,271	2,343
20%	1,402	2,902	5,136	7,720	9,890	5,934	5,541	5,314	3,305	2,573	1,895	2,074
30%	1,395	1,985	2,460	5,697	7,217	4,209	4,336	3,742	3,000	2,213	1,750	1,909
40%	1,388	1,903	1,961	3,679	5,668	3,498	3,336	2,876	2,812	1,912	1,750	1,750
50%	1,382	1,893	1,903	2,851	4,273	2,837	2,457	2,074	2,401	1,750	1,730	1,612
60%	1,377	1,875	1,895	1,630	2,747	1,643	1,913	1,462	2,164	1,750	1,581	1,597
70%	1,349	1,470	1,864	1,395	1,910	1,623	1,386	1,307	1,888	1,687	1,557	1,573
80%	809	846	926	1,290	1,471	1,541	1,091	1,124	1,279	1,586	1,473	1,487
90%	561	549	582	803	1,281	1,219	890	1,029	843	1,411	1,314	1,308

Table 5A-B5.2.20.2-B. American River at H Street Monthly Flow (C_AMR007), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,320	2,247	3,888	5,096	5,706	4,151	3,585	3,269	2,445	2,066	1,692	1,714
Wet Water Years	1,509	3,237	7,304	10,203	9,673	7,297	5,955	5,422	3,055	2,470	2,018	2,107
Above Normal Water Years	1,443	2,138	3,249	5,773	7,039	5,030	3,404	3,453	2,773	2,348	1,851	2,114
Below Normal Water Years	1,217	1,777	2,308	2,095	4,219	2,498	2,712	2,431	2,433	2,112	1,662	1,586
Dry Water Years	1,143	1,571	1,453	1,680	2,059	1,891	1,527	1,571	1,983	1,584	1,450	1,405
Critical Water Years	1,141	1,412	1,233	1,034	1,273	1,060	1,496	1,002	1,083	1,203	1,025	967

Table 5A-B5.2.20.2-C. American River at H Street Monthly Flow (C_AMR007), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-60	0	0	1	0	-40	0	-28	8	-30	8
20%	0	-19	182	1	0	0	0	85	-53	17	-101	-1
30%	0	18	-40	0	0	-245	1	44	0	3	-3	-21
40%	0	0	0	1	0	-92	-52	203	-27	44	0	0
50%	0	0	0	26	0	-44	71	17	-61	0	8	3
60%	0	0	0	0	-40	-4	-12	12	1	0	-44	1
70%	0	5	2	0	-198	-1	18	15	-49	20	-1	16
80%	0	0	57	0	0	0	0	-53	-26	-6	0	5
90%	32	-12	12	0	0	0	0	47	-5	-7	4	32

Table 5A-B5.2.20.2-D. American River at H Street Monthly Flow (C_AMR007), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	9	6	2	-45	-15	3	35	-14	25	-12	0
Wet Water Years	-6	2	-7	-7	-69	43	1	2	-24	50	-13	-7
Above Normal Water Years	0	96	-13	-2	0	10	-14	0	18	53	-25	-9
Below Normal Water Years	18	-7	8	6	-16	25	8	1	-13	-2	-9	1
Dry Water Years	4	-10	0	24	-135	-259	4	243	-18	15	-15	18
Critical Water Years	-3	23	56	0	31	0	9	-18	-9	1	1	4

Table 5A-B5.2.20.3-A. American River at H Street Monthly Flow (C_AMR007), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,879	3,612	10,638	13,037	12,225	9,839	7,659	6,413	3,899	3,102	2,271	2,337
20%	1,402	2,902	5,137	7,720	9,890	5,934	5,541	5,314	3,427	2,565	1,894	2,072
30%	1,395	2,000	2,419	5,697	7,217	4,209	4,336	3,741	3,000	2,209	1,750	1,903
40%	1,388	1,904	1,961	3,890	5,668	3,498	3,246	2,870	2,884	1,947	1,750	1,750
50%	1,382	1,893	1,903	2,851	4,273	2,837	2,335	2,074	2,402	1,750	1,727	1,612
60%	1,377	1,875	1,895	1,636	2,757	1,643	1,734	1,458	2,162	1,750	1,592	1,597
70%	1,349	1,469	1,864	1,396	1,986	1,623	1,335	1,307	1,897	1,717	1,557	1,573
80%	809	846	926	1,290	1,471	1,541	1,086	1,151	1,306	1,587	1,473	1,487
90%	544	549	582	803	1,281	1,220	890	981	844	1,411	1,323	1,327

Table 5A-B5.2.20.3-B. American River at H Street Monthly Flow (C_AMR007), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,317	2,246	3,896	5,108	5,710	4,149	3,531	3,268	2,465	2,070	1,694	1,715
Wet Water Years	1,506	3,234	7,305	10,209	9,673	7,297	5,955	5,422	3,054	2,472	2,015	2,107
Above Normal Water Years	1,443	2,126	3,337	5,774	7,039	5,030	3,404	3,453	2,771	2,345	1,852	2,114
Below Normal Water Years	1,210	1,782	2,308	2,099	4,219	2,489	2,679	2,422	2,435	2,116	1,675	1,586
Dry Water Years	1,135	1,571	1,453	1,731	2,088	1,891	1,415	1,567	2,031	1,587	1,437	1,405
Critical Water Years	1,145	1,412	1,233	1,040	1,273	1,060	1,276	1,024	1,191	1,221	1,033	976

Table 5A-B5.2.20.3-C. American River at H Street Monthly Flow (C_AMR007), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-58	0	0	1	0	-35	0	13	7	-31	2
20%	0	-19	184	1	0	0	0	85	69	9	-102	-3
30%	0	33	-81	0	0	-245	1	44	0	-1	-3	-27
40%	-1	1	0	212	0	-92	-142	197	45	79	0	0
50%	1	0	0	26	0	-44	-51	16	-60	0	5	3
60%	0	0	0	6	-30	-4	-192	8	-1	0	-33	1
70%	0	5	2	0	-121	-1	-34	15	-39	50	-1	16
80%	0	0	57	0	0	0	-5	-27	1	-6	0	5
90%	15	-12	12	0	1	0	0	-2	-4	-7	13	51

Table 5A-B5.2.20.3-D. American River at H Street Monthly Flow (C_AMR007), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	9	15	14	-40	-18	-51	35	7	29	-10	1
Wet Water Years	-10	-1	-6	-1	-69	43	1	2	-25	52	-17	-7
Above Normal Water Years	1	83	75	-1	0	10	-14	0	16	50	-24	-10
Below Normal Water Years	10	-1	8	10	-15	16	-25	-8	-11	2	4	0
Dry Water Years	-4	-10	0	75	-106	-259	-108	239	30	18	-28	18
Critical Water Years	1	23	57	6	31	0	-211	3	100	19	9	13

Table 5A-B5.2.20.4-A. American River at H Street Monthly Flow (C_AMR007), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,879	3,606	10,638	13,037	12,225	9,839	7,671	6,413	3,904	3,104	2,271	2,339
20%	1,402	2,899	5,151	7,721	9,887	5,934	5,541	5,314	3,401	2,586	1,891	2,074
30%	1,395	2,000	2,422	5,697	7,217	4,210	4,336	3,741	3,000	2,216	1,750	1,898
40%	1,389	1,904	1,945	3,711	5,669	3,500	3,204	2,878	2,883	1,932	1,750	1,750
50%	1,383	1,893	1,902	2,852	4,273	2,837	2,347	2,074	2,439	1,750	1,716	1,612
60%	1,376	1,875	1,894	1,636	2,788	1,643	1,734	1,475	2,159	1,750	1,592	1,597
70%	1,350	1,470	1,865	1,396	1,644	1,624	1,367	1,309	1,897	1,721	1,557	1,575
80%	810	846	926	1,290	1,471	1,542	1,086	1,151	1,161	1,602	1,473	1,494
90%	561	549	582	803	1,282	1,220	891	994	831	1,411	1,313	1,327

Table 5A-B5.2.20.4-B. American River at H Street Monthly Flow (C_AMR007), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,318	2,244	3,898	5,106	5,716	4,151	3,526	3,271	2,454	2,072	1,695	1,716
Wet Water Years	1,505	3,234	7,316	10,213	9,675	7,297	5,955	5,422	3,049	2,475	2,018	2,104
Above Normal Water Years	1,446	2,095	3,328	5,781	7,039	5,029	3,389	3,454	2,772	2,361	1,854	2,129
Below Normal Water Years	1,209	1,785	2,303	2,100	4,223	2,498	2,672	2,419	2,429	2,116	1,678	1,583
Dry Water Years	1,147	1,572	1,453	1,707	2,111	1,892	1,411	1,590	1,976	1,596	1,426	1,405
Critical Water Years	1,145	1,412	1,233	1,037	1,273	1,060	1,267	1,028	1,193	1,206	1,034	989

Table 5A-B5.2.20.4-C. American River at H Street Monthly Flow (C_AMR007), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-64	0	0	1	1	-23	1	17	10	-31	4
20%	0	-22	198	1	-2	0	0	85	44	30	-105	0
30%	1	33	-79	1	0	-244	1	43	0	6	-3	-32
40%	0	1	-15	33	0	-90	-184	204	44	63	0	0
50%	1	1	0	27	0	-44	-39	16	-23	0	-5	3
60%	0	0	-1	6	0	-4	-191	25	-4	0	-34	1
70%	0	6	2	0	-464	-1	-2	17	-40	54	-1	17
80%	0	0	57	1	0	1	-5	-26	-144	9	0	12
90%	33	-12	12	0	1	0	1	11	-17	-6	3	51

Table 5A-B5.2.20.4-D. American River at H Street Monthly Flow (C_AMR007), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	7	16	13	-35	-15	-56	38	-4	31	-9	2
Wet Water Years	-10	-1	5	3	-67	43	2	3	-29	55	-13	-11
Above Normal Water Years	3	52	66	6	0	10	-29	1	17	66	-22	5
Below Normal Water Years	10	2	3	10	-11	25	-32	-11	-17	2	7	-3
Dry Water Years	7	-9	0	51	-82	-259	-113	261	-25	27	-39	18
Critical Water Years	1	23	57	4	31	1	-220	8	101	4	10	26

Table 5A-B5.2.20.5-A. American River at H Street Monthly Flow (C_AMR007), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,879	3,612	10,638	13,037	12,225	9,839	7,660	6,413	3,899	3,102	2,272	2,337
20%	1,402	2,902	5,137	7,720	9,890	5,934	5,541	5,314	3,427	2,560	1,894	2,072
30%	1,395	2,000	2,420	5,697	7,217	4,209	4,336	3,741	3,000	2,209	1,750	1,903
40%	1,388	1,904	1,961	3,889	5,668	3,498	3,246	2,870	2,884	1,948	1,750	1,750
50%	1,382	1,893	1,903	2,847	4,273	2,837	2,335	2,074	2,402	1,750	1,727	1,612
60%	1,377	1,875	1,895	1,636	2,757	1,643	1,734	1,458	2,164	1,750	1,592	1,597
70%	1,349	1,469	1,864	1,396	1,986	1,623	1,335	1,307	1,897	1,717	1,557	1,573
80%	809	846	926	1,290	1,471	1,541	1,086	1,151	1,306	1,587	1,473	1,487
90%	544	549	582	803	1,281	1,220	890	981	844	1,411	1,323	1,327

Table 5A-B5.2.20.5-B. American River at H Street Monthly Flow (C_AMR007), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,317	2,246	3,896	5,108	5,710	4,149	3,531	3,268	2,466	2,070	1,694	1,714
Wet Water Years	1,506	3,231	7,305	10,209	9,673	7,297	5,955	5,422	3,053	2,472	2,015	2,105
Above Normal Water Years	1,443	2,126	3,337	5,774	7,039	5,030	3,404	3,453	2,771	2,345	1,852	2,114
Below Normal Water Years	1,210	1,785	2,308	2,098	4,219	2,489	2,679	2,422	2,437	2,116	1,675	1,586
Dry Water Years	1,135	1,571	1,453	1,731	2,088	1,891	1,415	1,567	2,031	1,587	1,437	1,405
Critical Water Years	1,145	1,412	1,233	1,040	1,273	1,060	1,276	1,024	1,191	1,221	1,033	976

Table 5A-B5.2.20.5-C. American River at H Street Monthly Flow (C_AMR007), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-58	0	0	1	0	-35	0	13	7	-30	2
20%	0	-19	184	1	0	0	0	85	69	4	-102	-2
30%	0	33	-80	0	0	-245	1	44	0	-1	-3	-27
40%	-1	1	0	211	0	-92	-142	197	45	79	0	0
50%	1	0	0	22	0	-44	-51	16	-60	0	5	3
60%	0	0	0	6	-30	-4	-192	8	1	0	-33	1
70%	0	5	2	0	-122	-1	-34	15	-39	50	-1	16
80%	0	0	57	0	0	0	-5	-27	1	-6	0	5
90%	15	-12	12	0	1	0	0	-2	-4	-7	13	51

Table 5A-B5.2.20.5-D. American River at H Street Monthly Flow (C_AMR007), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	8	15	14	-40	-18	-51	35	7	29	-10	0
Wet Water Years	-10	-4	-6	-1	-69	43	1	2	-26	52	-16	-9
Above Normal Water Years	1	83	75	-1	0	10	-14	0	17	50	-24	-10
Below Normal Water Years	10	1	8	9	-15	16	-25	-8	-8	2	4	0
Dry Water Years	-4	-10	0	75	-106	-259	-108	239	29	18	-28	18
Critical Water Years	1	23	57	6	31	0	-211	3	99	19	9	13

B.2.21 American River at 16th Street

Figure 5A-B5.2.21.1-A. American River at 16th Street Monthly Flow (C_AMR004), Probability of Exceedance for No Project Alternatives, October to March

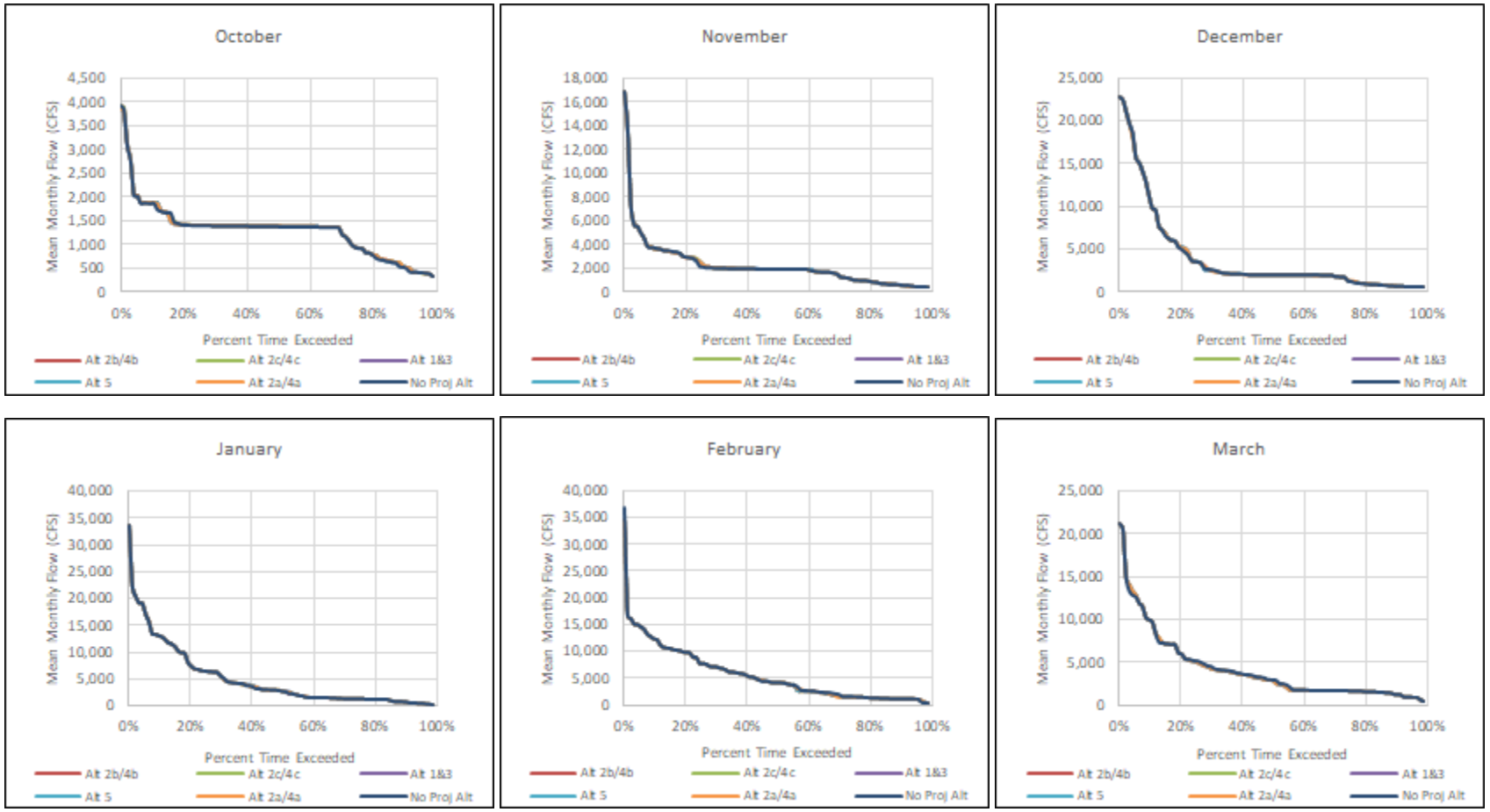


Figure 5A-B5.2.21.1-B. American River at 16th Street Monthly Flow (C_AMR004), Probability of Exceedance for No Project Alternatives, April to September

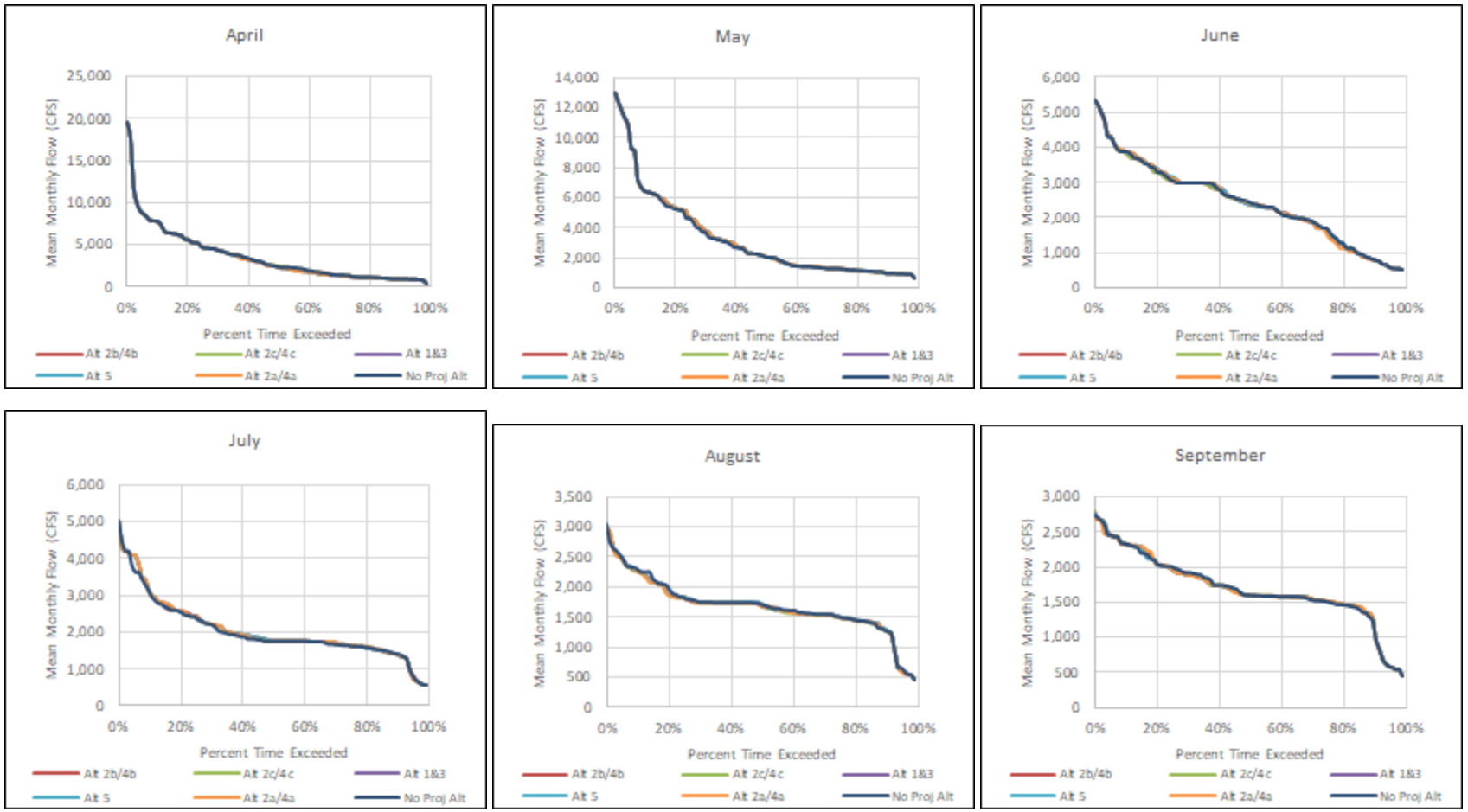


Table 5A-B5.2.21.1-A. American River at 16th Street Monthly Flow (C_AMR004), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,866	3,679	10,730	13,112	12,364	9,880	7,734	6,422	3,880	3,089	2,296	2,330
20%	1,411	2,934	5,017	7,738	9,968	5,976	5,573	5,242	3,352	2,553	1,991	2,067
30%	1,392	1,970	2,517	5,700	7,239	4,475	4,335	3,693	2,997	2,207	1,751	1,922
40%	1,384	1,918	1,999	3,747	5,703	3,612	3,404	2,670	2,835	1,864	1,742	1,744
50%	1,376	1,887	1,913	2,840	4,280	2,900	2,384	2,058	2,457	1,747	1,718	1,601
60%	1,368	1,866	1,892	1,628	2,800	1,672	1,922	1,446	2,164	1,742	1,615	1,587
70%	1,336	1,456	1,851	1,430	2,169	1,625	1,372	1,287	1,935	1,659	1,549	1,543
80%	804	888	904	1,302	1,506	1,540	1,087	1,170	1,297	1,586	1,463	1,471
90%	522	573	617	848	1,289	1,242	887	973	841	1,406	1,295	1,259

Table 5A-B5.2.21.1-B. American River at 16th Street Monthly Flow (C_AMR004), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,315	2,247	3,916	5,130	5,788	4,189	3,592	3,232	2,454	2,035	1,696	1,706
Wet Water Years	1,516	3,256	7,369	10,273	9,795	7,292	5,978	5,424	3,079	2,418	2,027	2,109
Above Normal Water Years	1,440	2,050	3,292	5,821	7,092	5,042	3,423	3,453	2,752	2,292	1,871	2,117
Below Normal Water Years	1,195	1,791	2,322	2,114	4,264	2,487	2,710	2,425	2,438	2,106	1,662	1,578
Dry Water Years	1,132	1,582	1,470	1,669	2,219	2,161	1,527	1,322	1,994	1,559	1,454	1,376
Critical Water Years	1,138	1,384	1,192	1,040	1,257	1,069	1,481	1,012	1,082	1,190	1,012	950

Table 5A-B5.2.21.1-C. American River at 16th Street Monthly Flow (C_AMR004), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,866	3,619	10,731	13,112	12,365	9,880	7,693	6,422	3,856	3,098	2,271	2,335
20%	1,411	2,919	5,048	7,738	9,969	5,975	5,573	5,325	3,299	2,583	1,889	2,065
30%	1,392	1,976	2,490	5,700	7,239	4,222	4,336	3,737	2,997	2,211	1,748	1,912
40%	1,384	1,918	1,998	3,748	5,703	3,515	3,313	2,884	2,810	1,898	1,742	1,744
50%	1,375	1,887	1,914	2,871	4,279	2,856	2,387	2,081	2,402	1,747	1,689	1,605
60%	1,368	1,866	1,892	1,628	2,749	1,659	1,889	1,475	2,166	1,742	1,578	1,588
70%	1,337	1,461	1,853	1,430	1,900	1,623	1,405	1,306	1,889	1,676	1,549	1,561
80%	803	888	921	1,303	1,505	1,540	1,087	1,130	1,273	1,588	1,463	1,475
90%	556	571	642	848	1,289	1,242	889	991	835	1,401	1,303	1,294

Table 5A-B5.2.21.1-D. American River at 16th Street Monthly Flow (C_AMR004), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,317	2,258	3,927	5,129	5,743	4,174	3,594	3,267	2,441	2,059	1,684	1,707
Wet Water Years	1,510	3,258	7,388	10,265	9,726	7,335	5,980	5,426	3,060	2,475	2,014	2,105
Above Normal Water Years	1,441	2,146	3,277	5,822	7,093	5,051	3,405	3,453	2,772	2,344	1,845	2,111
Below Normal Water Years	1,209	1,784	2,319	2,120	4,246	2,514	2,713	2,435	2,423	2,091	1,649	1,578
Dry Water Years	1,139	1,581	1,470	1,669	2,083	1,902	1,554	1,548	1,984	1,580	1,442	1,394
Critical Water Years	1,137	1,407	1,248	1,041	1,288	1,070	1,461	995	1,067	1,191	1,013	955

Table 5A-B5.2.21.1-E. American River at 16th Street Monthly Flow (C_AMR004), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-60	0	0	1	0	-41	0	-24	9	-25	5
20%	0	-15	32	1	1	0	0	82	-53	31	-103	-2
30%	0	6	-28	0	0	-253	1	44	0	5	-3	-10
40%	0	0	0	2	0	-97	-91	214	-26	34	0	0
50%	-1	0	1	31	0	-44	3	23	-56	0	-29	4
60%	0	0	0	0	-51	-13	-32	29	2	1	-37	2
70%	0	5	2	0	-270	-1	33	18	-46	17	-1	18
80%	0	0	17	1	0	1	0	-40	-24	2	0	4
90%	34	-2	25	0	0	0	2	18	-6	-5	8	35

Table 5A-B5.2.21.1-F. American River at 16th Street Monthly Flow (C_AMR004), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	11	12	-1	-46	-15	1	35	-13	24	-12	1
Wet Water Years	-6	1	19	-8	-69	43	2	2	-19	57	-13	-4
Above Normal Water Years	0	96	-15	2	0	9	-18	0	20	52	-26	-6
Below Normal Water Years	15	-7	-3	6	-18	27	4	10	-15	-15	-13	0
Dry Water Years	7	-1	0	0	-135	-259	27	225	-10	21	-12	18
Critical Water Years	-2	23	56	1	30	0	-20	-17	-15	2	1	4

Table 5A-B5.2.21.2-A. American River at 16th Street Monthly Flow (C_AMR004), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,866	3,609	10,731	13,112	12,365	9,880	7,694	6,422	3,856	3,097	2,270	2,336
20%	1,411	2,918	5,197	7,738	9,969	5,975	5,573	5,325	3,299	2,570	1,889	2,064
30%	1,392	1,996	2,477	5,700	7,239	4,222	4,336	3,737	2,997	2,213	1,749	1,901
40%	1,384	1,918	1,998	3,748	5,703	3,515	3,352	2,878	2,811	1,905	1,744	1,744
50%	1,375	1,887	1,914	2,874	4,286	2,856	2,461	2,074	2,398	1,750	1,725	1,605
60%	1,368	1,866	1,892	1,628	2,748	1,659	1,916	1,459	2,163	1,742	1,577	1,588
70%	1,337	1,461	1,853	1,430	1,923	1,623	1,390	1,306	1,888	1,684	1,548	1,561
80%	803	888	921	1,303	1,505	1,540	1,087	1,117	1,273	1,584	1,463	1,475
90%	556	550	642	848	1,289	1,242	889	1,017	837	1,401	1,299	1,291

Table 5A-B5.2.21.2-B. American River at 16th Street Monthly Flow (C_AMR004), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,317	2,257	3,921	5,133	5,744	4,173	3,596	3,267	2,440	2,059	1,685	1,706
Wet Water Years	1,510	3,258	7,362	10,266	9,726	7,335	5,980	5,426	3,055	2,468	2,014	2,102
Above Normal Water Years	1,441	2,146	3,279	5,819	7,093	5,052	3,409	3,453	2,770	2,344	1,845	2,107
Below Normal Water Years	1,212	1,785	2,330	2,120	4,249	2,512	2,718	2,427	2,426	2,104	1,653	1,579
Dry Water Years	1,136	1,571	1,470	1,693	2,084	1,902	1,531	1,565	1,975	1,574	1,439	1,394
Critical Water Years	1,135	1,407	1,248	1,041	1,288	1,070	1,490	993	1,073	1,191	1,013	954

Table 5A-B5.2.21.2-C. American River at 16th Street Monthly Flow (C_AMR004), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-70	0	0	1	0	-40	0	-24	8	-26	6
20%	0	-15	180	1	0	0	0	82	-53	17	-103	-2
30%	0	26	-40	0	0	-253	1	44	0	6	-3	-22
40%	0	0	0	2	0	-97	-52	208	-24	41	1	0
50%	-1	0	1	34	7	-44	78	16	-60	3	7	4
60%	0	0	0	0	-52	-13	-6	13	-2	1	-38	2
70%	0	5	2	0	-246	-1	18	18	-48	25	-2	18
80%	0	0	17	1	0	1	0	-52	-25	-2	0	4
90%	34	-23	25	0	0	0	2	44	-5	-5	4	32

Table 5A-B5.2.21.2-D. American River at 16th Street Monthly Flow (C_AMR004), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	9	6	3	-45	-15	3	35	-14	25	-12	0
Wet Water Years	-6	2	-7	-7	-69	43	1	2	-24	50	-13	-7
Above Normal Water Years	0	96	-13	-1	0	10	-14	0	18	53	-25	-9
Below Normal Water Years	17	-7	8	6	-16	25	8	1	-13	-2	-9	1
Dry Water Years	4	-10	0	24	-135	-259	4	242	-19	15	-15	18
Critical Water Years	-3	23	56	0	30	1	9	-18	-8	1	1	4

Table 5A-B5.2.21.3-A. American River at 16th Street Monthly Flow (C_AMR004), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,867	3,613	10,731	13,113	12,365	9,881	7,699	6,422	3,890	3,097	2,270	2,333
20%	1,409	2,918	5,199	7,739	9,969	5,975	5,573	5,325	3,421	2,561	1,888	2,063
30%	1,392	1,998	2,438	5,700	7,239	4,222	4,336	3,736	2,997	2,209	1,749	1,895
40%	1,384	1,921	1,999	3,925	5,703	3,516	3,250	2,872	2,877	1,941	1,743	1,744
50%	1,375	1,888	1,914	2,869	4,287	2,856	2,332	2,074	2,399	1,753	1,721	1,605
60%	1,369	1,871	1,892	1,642	2,755	1,659	1,743	1,456	2,163	1,743	1,585	1,588
70%	1,337	1,461	1,853	1,430	1,980	1,623	1,333	1,306	1,897	1,708	1,548	1,561
80%	803	888	921	1,303	1,505	1,540	1,082	1,145	1,298	1,584	1,463	1,475
90%	534	550	642	848	1,289	1,242	889	970	837	1,401	1,309	1,312

Table 5A-B5.2.21.3-B. American River at 16th Street Monthly Flow (C_AMR004), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,313	2,256	3,930	5,144	5,748	4,171	3,542	3,266	2,461	2,064	1,686	1,707
Wet Water Years	1,506	3,255	7,363	10,272	9,727	7,335	5,980	5,426	3,054	2,470	2,011	2,102
Above Normal Water Years	1,441	2,133	3,367	5,820	7,093	5,052	3,409	3,453	2,769	2,341	1,846	2,107
Below Normal Water Years	1,205	1,790	2,330	2,124	4,249	2,503	2,685	2,417	2,427	2,108	1,666	1,578
Dry Water Years	1,128	1,572	1,470	1,744	2,113	1,902	1,419	1,561	2,023	1,577	1,427	1,394
Critical Water Years	1,139	1,407	1,248	1,047	1,288	1,070	1,270	1,015	1,181	1,209	1,021	963

Table 5A-B5.2.21.3-C. American River at 16th Street Monthly Flow (C_AMR004), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	-66	0	0	1	0	-35	0	10	7	-26	3
20%	-3	-15	182	1	0	0	0	82	69	9	-104	-4
30%	0	28	-79	0	0	-252	1	44	0	2	-3	-27
40%	0	3	0	178	0	-96	-154	202	42	77	1	0
50%	-1	1	1	28	7	-44	-52	16	-58	7	3	4
60%	1	5	0	15	-45	-13	-178	9	-2	2	-30	2
70%	0	5	2	0	-189	-1	-39	19	-38	49	-2	18
80%	0	0	17	1	0	1	-5	-24	1	-2	0	4
90%	12	-23	25	0	0	0	2	-3	-4	-5	14	53

Table 5A-B5.2.21.3-D. American River at 16th Street Monthly Flow (C_AMR004), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	9	15	14	-40	-18	-51	35	7	29	-10	1
Wet Water Years	-10	-1	-6	-1	-69	43	1	2	-25	52	-17	-7
Above Normal Water Years	1	83	75	-1	0	10	-14	0	16	50	-24	-10
Below Normal Water Years	10	-1	8	10	-15	16	-25	-8	-11	2	4	0
Dry Water Years	-4	-10	0	75	-106	-259	-108	238	29	18	-27	18
Critical Water Years	1	23	56	6	30	1	-211	3	100	19	9	13

Table 5A-B5.2.21.4-A. American River at 16th Street Monthly Flow (C_AMR004), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,866	3,607	10,731	13,113	12,365	9,881	7,711	6,423	3,894	3,099	2,270	2,332
20%	1,409	2,915	5,178	7,739	9,966	5,976	5,573	5,325	3,396	2,584	1,885	2,066
30%	1,392	1,998	2,439	5,701	7,239	4,224	4,337	3,736	2,998	2,209	1,749	1,892
40%	1,384	1,919	1,984	3,776	5,703	3,518	3,203	2,880	2,877	1,926	1,743	1,744
50%	1,376	1,887	1,912	2,870	4,288	2,856	2,349	2,074	2,439	1,747	1,711	1,606
60%	1,369	1,866	1,891	1,643	2,797	1,659	1,743	1,473	2,160	1,742	1,585	1,588
70%	1,337	1,462	1,854	1,430	1,655	1,624	1,363	1,308	1,897	1,721	1,548	1,562
80%	804	888	921	1,303	1,506	1,541	1,082	1,146	1,149	1,602	1,463	1,484
90%	556	550	642	848	1,289	1,242	889	983	824	1,401	1,299	1,312

Table 5A-B5.2.21.4-B. American River at 16th Street Monthly Flow (C_AMR004), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,315	2,254	3,932	5,143	5,754	4,174	3,537	3,269	2,450	2,066	1,687	1,708
Wet Water Years	1,506	3,255	7,374	10,276	9,729	7,335	5,980	5,426	3,049	2,473	2,015	2,099
Above Normal Water Years	1,444	2,103	3,358	5,827	7,093	5,051	3,394	3,454	2,769	2,357	1,849	2,122
Below Normal Water Years	1,204	1,793	2,325	2,125	4,254	2,512	2,677	2,414	2,422	2,108	1,669	1,575
Dry Water Years	1,139	1,573	1,470	1,720	2,136	1,903	1,414	1,583	1,969	1,586	1,416	1,394
Critical Water Years	1,140	1,408	1,249	1,044	1,288	1,070	1,261	1,019	1,183	1,194	1,022	976

Table 5A-B5.2.21.4-C. American River at 16th Street Monthly Flow (C_AMR004), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-72	0	0	1	1	-23	1	14	10	-26	2
20%	-2	-19	161	1	-2	0	0	83	44	31	-106	-1
30%	0	28	-79	1	0	-251	2	43	0	2	-3	-30
40%	0	1	-14	29	0	-94	-201	210	41	62	1	0
50%	0	0	-1	29	9	-44	-35	16	-19	1	-8	5
60%	1	0	0	15	-3	-13	-178	27	-4	1	-30	2
70%	1	6	3	0	-514	-1	-9	21	-38	62	-1	19
80%	0	0	17	2	0	1	-5	-24	-148	16	0	13
90%	34	-23	25	0	1	0	2	10	-17	-5	4	54

Table 5A-B5.2.21.4-D. American River at 16th Street Monthly Flow (C_AMR004), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	7	16	13	-35	-15	-56	38	-4	31	-9	2
Wet Water Years	-10	-1	5	3	-67	43	2	3	-29	55	-13	-11
Above Normal Water Years	3	53	66	6	0	10	-29	1	17	66	-22	5
Below Normal Water Years	10	2	3	11	-11	25	-32	-11	-17	2	7	-3
Dry Water Years	7	-9	0	51	-82	-258	-113	261	-25	27	-38	18
Critical Water Years	1	24	56	4	31	1	-220	8	102	5	10	26

Table 5A-B5.2.21.5-A. American River at 16th Street Monthly Flow (C_AMR004), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,867	3,613	10,731	13,113	12,365	9,881	7,699	6,422	3,890	3,097	2,270	2,333
20%	1,409	2,918	5,199	7,739	9,969	5,975	5,573	5,325	3,421	2,556	1,888	2,063
30%	1,392	1,998	2,439	5,700	7,239	4,222	4,336	3,736	2,997	2,209	1,749	1,895
40%	1,384	1,921	1,999	3,925	5,703	3,516	3,250	2,872	2,877	1,941	1,743	1,744
50%	1,375	1,888	1,914	2,863	4,288	2,856	2,332	2,074	2,399	1,753	1,721	1,605
60%	1,369	1,871	1,892	1,642	2,755	1,659	1,743	1,456	2,163	1,743	1,585	1,588
70%	1,337	1,461	1,853	1,430	1,980	1,623	1,333	1,306	1,897	1,709	1,548	1,561
80%	803	888	921	1,303	1,505	1,540	1,082	1,145	1,298	1,584	1,463	1,475
90%	534	550	642	848	1,289	1,242	889	970	837	1,401	1,308	1,312

Table 5A-B5.2.21.5-B. American River at 16th Street Monthly Flow (C_AMR004), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,313	2,256	3,930	5,144	5,748	4,171	3,542	3,266	2,461	2,063	1,686	1,706
Wet Water Years	1,506	3,253	7,363	10,272	9,727	7,335	5,980	5,426	3,053	2,470	2,011	2,100
Above Normal Water Years	1,441	2,133	3,367	5,820	7,093	5,052	3,409	3,453	2,769	2,341	1,846	2,107
Below Normal Water Years	1,205	1,793	2,330	2,123	4,249	2,503	2,685	2,417	2,430	2,108	1,666	1,578
Dry Water Years	1,128	1,572	1,470	1,744	2,113	1,902	1,419	1,561	2,023	1,577	1,427	1,394
Critical Water Years	1,139	1,407	1,248	1,047	1,288	1,070	1,270	1,015	1,181	1,209	1,021	963

Table 5A-B5.2.21.5-C. American River at 16th Street Monthly Flow (C_AMR004), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	-66	0	0	1	0	-35	0	10	7	-26	3
20%	-3	-15	182	1	0	0	0	82	69	4	-104	-4
30%	0	28	-78	0	0	-252	1	44	0	2	-3	-27
40%	0	3	0	178	0	-96	-154	202	42	77	1	0
50%	-1	1	1	22	9	-44	-52	16	-58	7	3	4
60%	1	5	0	15	-45	-13	-178	10	-2	2	-30	2
70%	0	5	2	0	-189	-1	-39	19	-38	49	-2	18
80%	0	0	17	1	0	1	-5	-24	1	-2	0	4
90%	12	-23	25	0	0	0	2	-3	-4	-5	13	53

Table 5A-B5.2.21.5-D. American River at 16th Street Monthly Flow (C_AMR004), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	8	15	14	-40	-18	-51	35	7	29	-10	0
Wet Water Years	-10	-4	-6	-1	-69	43	1	2	-26	52	-17	-9
Above Normal Water Years	1	83	75	-1	0	10	-14	0	17	50	-24	-10
Below Normal Water Years	10	1	8	9	-15	16	-25	-8	-8	2	4	0
Dry Water Years	-4	-10	0	75	-106	-259	-108	238	29	18	-27	18
Critical Water Years	1	23	56	6	30	1	-211	3	100	19	9	13

B.2.22 San Joaquin River at Vernalis

Figure 5A-B5.2.22.1-A. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Probability of Exceedance for No Project Alternatives, October to March

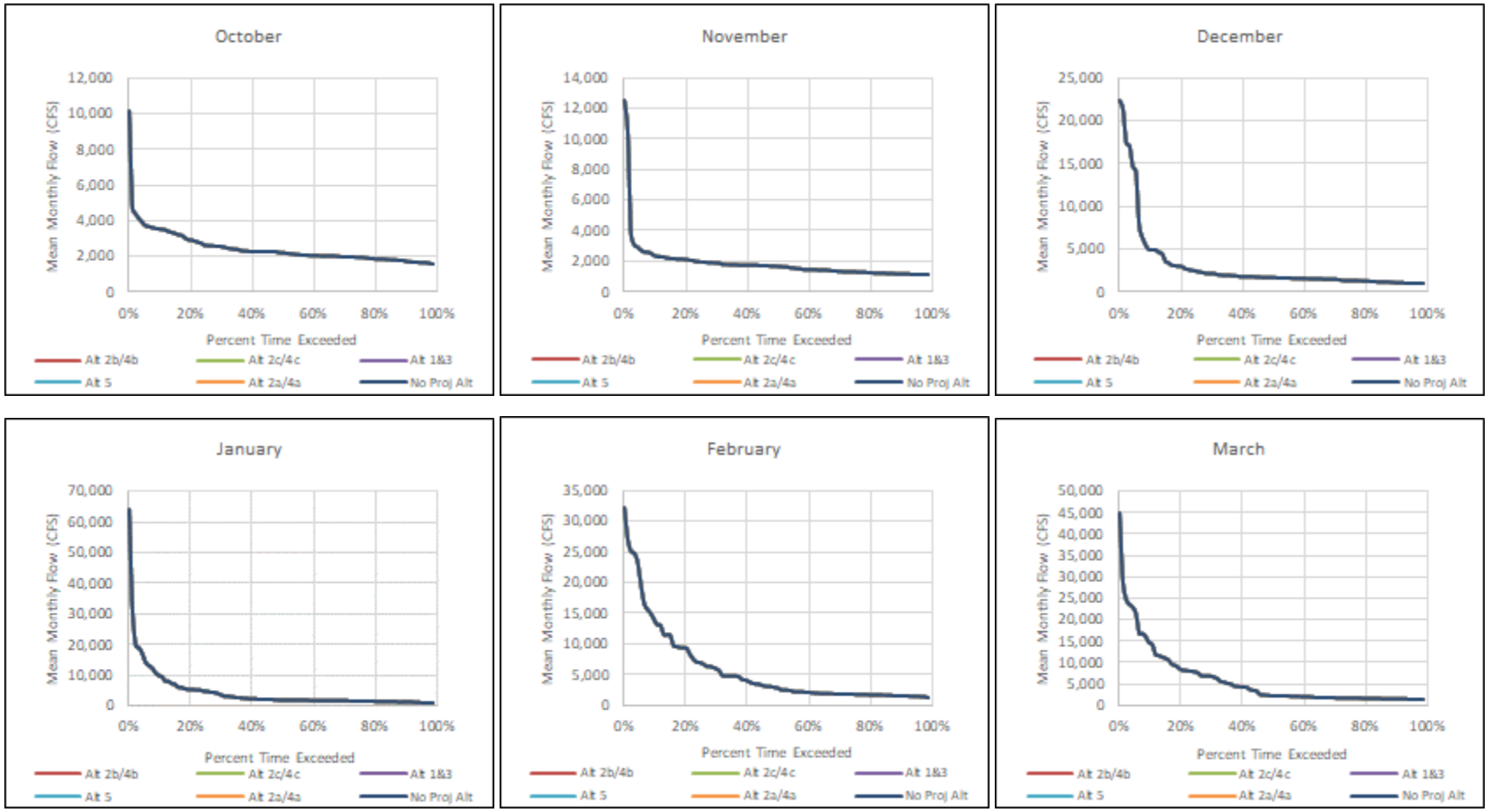


Figure 5A-B5.2.22.1-B. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Probability of Exceedance for No Project Alternatives, April to September

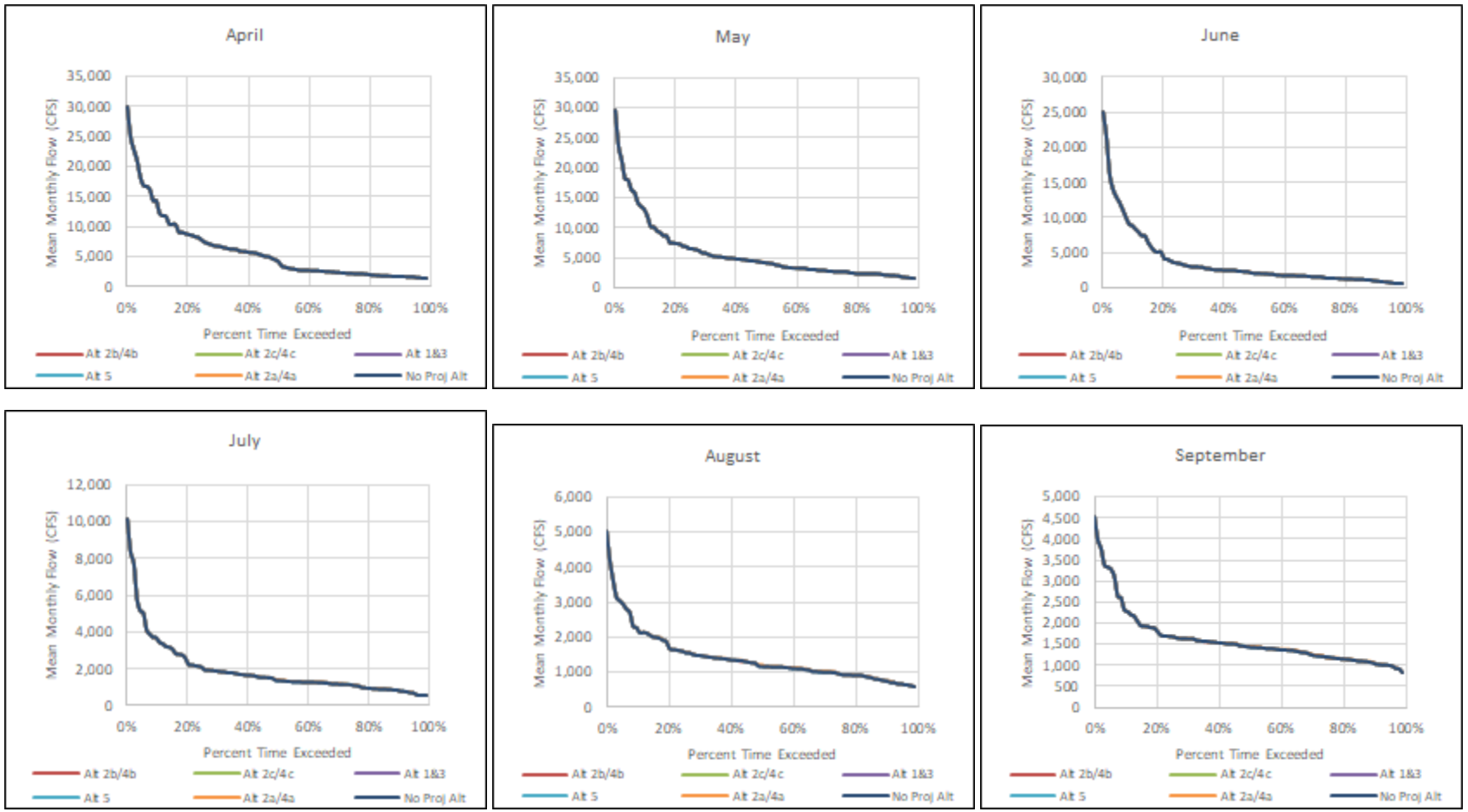


Table 5A-B5.2.22.1-A. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,569	2,347	4,891	9,924	13,809	14,618	13,706	12,629	8,751	3,621	2,242	2,302
20%	2,959	2,111	2,926	5,474	9,338	8,594	8,814	7,294	4,571	2,403	1,770	1,830
30%	2,595	1,885	2,074	3,842	6,037	6,924	6,816	5,677	3,020	1,901	1,495	1,618
40%	2,316	1,729	1,700	2,388	4,097	4,438	5,853	4,752	2,564	1,674	1,370	1,526
50%	2,243	1,662	1,590	2,042	2,888	2,403	4,404	4,066	2,150	1,403	1,183	1,424
60%	2,097	1,433	1,476	1,890	2,171	2,195	2,801	3,176	1,822	1,294	1,131	1,359
70%	2,019	1,341	1,399	1,823	1,879	1,896	2,461	2,781	1,630	1,202	1,020	1,249
80%	1,911	1,249	1,205	1,638	1,763	1,785	2,175	2,299	1,343	984	931	1,140
90%	1,815	1,155	1,028	1,469	1,584	1,635	1,816	2,011	1,102	872	777	1,052

Table 5A-B5.2.22.1-B. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,520	1,894	2,986	4,772	5,792	6,105	6,188	5,707	3,741	1,975	1,442	1,609
Wet Water Years	2,823	2,393	5,499	9,389	10,124	11,640	11,112	9,726	6,905	3,221	2,077	2,145
Above Normal Water Years	2,282	1,770	2,255	4,177	7,413	6,997	6,617	6,161	4,147	2,092	1,578	1,697
Below Normal Water Years	2,553	1,748	1,643	2,215	3,568	2,985	3,778	3,812	2,043	1,376	1,147	1,382
Dry Water Years	2,275	1,518	1,500	1,791	2,017	1,936	2,509	2,699	1,527	1,094	974	1,202
Critical Water Years	2,082	1,370	1,267	1,536	1,885	1,837	1,838	1,928	995	789	777	1,035

Table 5A-B5.2.22.1-C. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,569	2,347	4,891	9,924	13,813	14,618	13,706	12,630	8,751	3,621	2,242	2,302
20%	2,959	2,111	2,925	5,497	9,337	8,595	8,814	7,294	4,571	2,403	1,770	1,830
30%	2,596	1,887	2,073	3,843	6,037	6,924	6,816	5,677	3,021	1,895	1,489	1,618
40%	2,315	1,725	1,700	2,388	4,097	4,453	5,883	4,752	2,563	1,672	1,368	1,525
50%	2,243	1,662	1,591	2,041	2,887	2,403	4,403	4,068	2,152	1,401	1,185	1,428
60%	2,096	1,433	1,477	1,890	2,171	2,195	2,801	3,189	1,821	1,295	1,131	1,360
70%	2,019	1,341	1,399	1,824	1,880	1,896	2,461	2,780	1,630	1,202	1,021	1,247
80%	1,911	1,249	1,216	1,638	1,763	1,784	2,175	2,301	1,343	983	930	1,139
90%	1,815	1,161	1,029	1,470	1,583	1,635	1,816	2,031	1,124	874	777	1,064

Table 5A-B5.2.22.1-D. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,519	1,894	2,986	4,772	5,794	6,105	6,189	5,707	3,741	1,976	1,442	1,609
Wet Water Years	2,821	2,392	5,499	9,390	10,129	11,642	11,113	9,725	6,904	3,220	2,077	2,145
Above Normal Water Years	2,282	1,770	2,255	4,177	7,413	6,997	6,618	6,162	4,148	2,093	1,578	1,698
Below Normal Water Years	2,553	1,748	1,643	2,215	3,568	2,985	3,778	3,813	2,044	1,377	1,147	1,382
Dry Water Years	2,274	1,518	1,500	1,790	2,017	1,936	2,509	2,700	1,527	1,094	974	1,200
Critical Water Years	2,084	1,370	1,267	1,537	1,886	1,836	1,839	1,929	996	790	778	1,035

Table 5A-B5.2.22.1-E. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	3	0	0	1	0	0	0	0
20%	0	0	0	23	0	1	0	0	0	0	0	0
30%	1	1	0	0	0	0	0	0	0	-7	-6	0
40%	0	-4	0	0	-1	15	31	-1	-1	-2	-2	-1
50%	0	1	1	-1	-2	0	-1	2	3	-2	2	4
60%	-1	0	0	1	0	0	0	12	-1	0	1	0
70%	0	0	0	0	0	-1	0	0	0	0	1	-1
80%	0	0	11	-1	0	-1	0	2	0	-1	0	-1
90%	0	6	1	0	0	0	0	20	22	2	0	12

Table 5A-B5.2.22.1-F. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	-1	0	0	2	0	1	0	0	0	0	0
Wet Water Years	-2	-2	1	1	5	2	1	-1	-1	-1	0	0
Above Normal Water Years	-1	0	0	0	0	0	0	1	1	1	1	1
Below Normal Water Years	0	0	0	0	0	0	0	1	1	1	0	1
Dry Water Years	-1	0	0	-1	0	0	0	0	0	1	0	-2
Critical Water Years	2	1	0	1	1	-2	1	1	1	1	1	1

Table 5A-B5.2.22.2-A. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,569	2,347	4,891	9,924	13,815	14,618	13,706	12,630	8,751	3,621	2,242	2,302
20%	2,959	2,111	2,925	5,474	9,337	8,595	8,814	7,294	4,571	2,403	1,770	1,830
30%	2,596	1,887	2,073	3,843	6,037	6,924	6,816	5,678	3,020	1,895	1,490	1,618
40%	2,316	1,729	1,700	2,388	4,097	4,438	5,853	4,752	2,563	1,672	1,368	1,526
50%	2,243	1,662	1,591	2,042	2,888	2,403	4,403	4,068	2,152	1,401	1,184	1,428
60%	2,096	1,433	1,477	1,891	2,171	2,195	2,800	3,188	1,821	1,295	1,132	1,360
70%	2,019	1,341	1,399	1,823	1,880	1,896	2,461	2,780	1,630	1,202	1,020	1,249
80%	1,911	1,249	1,205	1,638	1,763	1,784	2,175	2,299	1,343	984	931	1,140
90%	1,816	1,155	1,029	1,470	1,584	1,636	1,817	2,032	1,124	872	777	1,064

Table 5A-B5.2.22.2-B. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,520	1,894	2,986	4,772	5,794	6,105	6,188	5,707	3,741	1,976	1,442	1,609
Wet Water Years	2,821	2,392	5,498	9,389	10,128	11,640	11,112	9,725	6,904	3,220	2,077	2,145
Above Normal Water Years	2,282	1,770	2,255	4,177	7,413	6,997	6,618	6,162	4,148	2,093	1,579	1,698
Below Normal Water Years	2,553	1,748	1,643	2,215	3,568	2,985	3,778	3,814	2,045	1,378	1,148	1,383
Dry Water Years	2,275	1,518	1,500	1,791	2,017	1,936	2,509	2,700	1,527	1,094	974	1,201
Critical Water Years	2,084	1,370	1,268	1,538	1,886	1,838	1,839	1,929	996	790	778	1,035

Table 5A-B5.2.22.2-C. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	5	0	0	1	0	0	0	0
20%	0	0	0	0	0	1	0	0	0	0	0	0
30%	1	1	0	0	0	0	0	0	0	-6	-5	0
40%	0	0	0	0	0	0	0	0	-1	-1	-1	0
50%	0	1	1	0	0	0	-1	2	3	-1	1	4
60%	-1	0	1	1	0	0	0	11	0	1	1	0
70%	0	0	0	0	1	0	0	-1	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	-1	1	1	0	1	0	21	23	0	0	12

Table 5A-B5.2.22.2-D. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	2	0	0	0	1	1	0	0
Wet Water Years	-2	-1	0	0	4	0	0	-1	-1	-1	0	0
Above Normal Water Years	0	0	0	0	0	0	0	1	1	1	1	1
Below Normal Water Years	0	0	0	0	0	0	1	2	2	2	1	1
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	-1
Critical Water Years	2	1	1	1	1	0	0	1	1	1	1	1

Table 5A-B5.2.22.3-A. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,569	2,348	4,891	9,925	13,816	14,620	13,707	12,631	8,753	3,622	2,242	2,303
20%	2,962	2,112	2,927	5,475	9,339	8,596	8,815	7,295	4,571	2,404	1,771	1,831
30%	2,597	1,888	2,075	3,844	6,039	6,925	6,817	5,678	3,021	1,896	1,490	1,618
40%	2,317	1,729	1,701	2,389	4,098	4,439	5,855	4,753	2,563	1,672	1,370	1,526
50%	2,245	1,663	1,592	2,042	2,889	2,396	4,404	4,073	2,152	1,402	1,184	1,429
60%	2,098	1,434	1,478	1,892	2,172	2,195	2,806	3,196	1,840	1,299	1,133	1,362
70%	2,020	1,342	1,401	1,823	1,881	1,896	2,462	2,781	1,630	1,204	1,027	1,265
80%	1,911	1,251	1,206	1,641	1,764	1,785	2,175	2,297	1,344	984	931	1,140
90%	1,817	1,154	1,030	1,470	1,584	1,637	1,817	2,033	1,125	873	777	1,065

Table 5A-B5.2.22.3-B. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,521	1,895	2,986	4,773	5,794	6,106	6,190	5,709	3,743	1,978	1,444	1,611
Wet Water Years	2,822	2,393	5,498	9,390	10,130	11,642	11,115	9,728	6,907	3,222	2,079	2,146
Above Normal Water Years	2,283	1,771	2,256	4,178	7,415	6,998	6,619	6,163	4,150	2,095	1,580	1,699
Below Normal Water Years	2,554	1,749	1,644	2,216	3,569	2,986	3,779	3,816	2,048	1,381	1,150	1,385
Dry Water Years	2,275	1,519	1,501	1,791	2,016	1,935	2,513	2,702	1,529	1,096	975	1,202
Critical Water Years	2,085	1,371	1,268	1,538	1,887	1,840	1,838	1,929	996	791	778	1,036

Table 5A-B5.2.22.3-C. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	1	1	1	6	3	1	3	2	1	0	1
20%	2	0	1	1	1	2	0	1	1	1	1	1
30%	2	3	1	1	2	1	1	0	0	-6	-5	0
40%	1	0	1	1	0	1	2	1	-1	-1	1	0
50%	2	1	2	0	0	-6	0	7	3	-1	1	5
60%	2	1	1	2	0	1	5	19	19	5	2	2
70%	1	1	2	0	1	0	1	0	1	2	7	16
80%	0	3	0	3	1	1	1	-2	1	0	0	0
90%	1	-2	2	1	0	2	1	22	23	0	0	12

Table 5A-B5.2.22.3-D. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	1	0	1	3	1	2	3	3	3	2	2
Wet Water Years	-1	0	0	2	6	2	2	2	2	1	2	1
Above Normal Water Years	1	1	1	1	2	1	1	2	2	2	2	2
Below Normal Water Years	2	1	1	1	1	1	2	4	4	5	3	3
Dry Water Years	1	1	0	0	-1	0	3	3	3	3	2	0
Critical Water Years	3	1	1	2	2	3	0	1	1	2	1	1

Table 5A-B5.2.22.4-A. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,580	2,352	4,895	9,932	13,812	14,630	13,711	12,635	8,760	3,624	2,244	2,308
20%	2,965	2,114	2,931	5,476	9,347	8,598	8,817	7,305	4,575	2,409	1,776	1,835
30%	2,599	1,891	2,081	3,849	6,042	6,930	6,820	5,679	3,036	1,905	1,497	1,625
40%	2,326	1,733	1,707	2,395	4,100	4,439	5,857	4,755	2,565	1,673	1,371	1,528
50%	2,253	1,667	1,595	2,043	2,891	2,400	4,405	4,093	2,189	1,441	1,225	1,441
60%	2,103	1,443	1,480	1,897	2,173	2,199	2,814	3,207	1,848	1,309	1,148	1,373
70%	2,034	1,343	1,406	1,828	1,884	1,898	2,467	2,784	1,635	1,209	1,042	1,271
80%	1,912	1,254	1,206	1,644	1,767	1,787	2,178	2,307	1,365	985	935	1,147
90%	1,824	1,155	1,033	1,473	1,589	1,641	1,823	2,042	1,134	875	780	1,070

Table 5A-B5.2.22.4-B. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,526	1,898	2,990	4,777	5,799	6,112	6,196	5,717	3,751	1,986	1,450	1,616
Wet Water Years	2,827	2,397	5,503	9,396	10,136	11,649	11,123	9,738	6,915	3,230	2,085	2,152
Above Normal Water Years	2,290	1,776	2,260	4,184	7,420	7,003	6,626	6,173	4,161	2,107	1,591	1,707
Below Normal Water Years	2,559	1,753	1,648	2,220	3,574	2,990	3,784	3,825	2,057	1,391	1,158	1,392
Dry Water Years	2,279	1,521	1,503	1,794	2,018	1,938	2,516	2,708	1,536	1,103	980	1,206
Critical Water Years	2,089	1,374	1,271	1,541	1,891	1,846	1,843	1,932	999	793	779	1,038

Table 5A-B5.2.22.4-C. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12	5	5	8	3	12	5	6	8	3	2	6
20%	6	3	5	3	9	4	3	11	5	6	6	6
30%	4	6	8	7	5	6	5	1	15	4	1	7
40%	10	4	7	7	2	1	5	2	1	0	2	2
50%	10	5	5	2	2	-3	1	27	40	39	42	17
60%	6	9	4	7	2	4	13	31	26	15	17	14
70%	15	2	7	5	4	1	6	3	6	7	23	22
80%	2	5	1	5	4	3	3	8	22	1	4	7
90%	9	0	5	3	5	6	7	31	33	3	4	18

Table 5A-B5.2.22.4-D. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	4	4	6	7	7	8	10	11	10	8	7
Wet Water Years	4	4	5	7	12	9	11	12	11	9	8	6
Above Normal Water Years	8	6	5	7	7	6	8	12	13	14	13	9
Below Normal Water Years	7	5	4	5	6	5	6	12	13	14	11	10
Dry Water Years	4	3	3	3	1	2	7	9	9	9	6	4
Critical Water Years	7	4	4	5	6	9	5	4	4	4	2	3

Table 5A-B5.2.22.5-A. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,569	2,348	4,891	9,925	13,816	14,620	13,707	12,631	8,753	3,622	2,242	2,303
20%	2,961	2,112	2,927	5,475	9,339	8,596	8,815	7,295	4,572	2,404	1,771	1,831
30%	2,597	1,888	2,075	3,845	6,039	6,925	6,817	5,678	3,021	1,896	1,490	1,618
40%	2,317	1,729	1,701	2,389	4,098	4,439	5,855	4,753	2,563	1,672	1,370	1,526
50%	2,245	1,663	1,592	2,042	2,889	2,396	4,404	4,073	2,152	1,402	1,184	1,429
60%	2,098	1,434	1,478	1,892	2,172	2,195	2,806	3,196	1,840	1,299	1,133	1,362
70%	2,020	1,342	1,401	1,823	1,881	1,896	2,462	2,781	1,630	1,204	1,027	1,265
80%	1,911	1,251	1,206	1,641	1,764	1,785	2,175	2,297	1,344	984	931	1,140
90%	1,817	1,154	1,030	1,470	1,584	1,637	1,817	2,033	1,125	873	777	1,065

Table 5A-B5.2.22.5-B. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,521	1,895	2,986	4,773	5,795	6,106	6,190	5,709	3,743	1,978	1,444	1,611
Wet Water Years	2,822	2,393	5,498	9,390	10,130	11,642	11,115	9,728	6,907	3,222	2,079	2,146
Above Normal Water Years	2,283	1,771	2,256	4,178	7,415	6,998	6,619	6,163	4,150	2,095	1,580	1,699
Below Normal Water Years	2,554	1,749	1,644	2,216	3,569	2,986	3,779	3,816	2,048	1,381	1,150	1,385
Dry Water Years	2,275	1,519	1,501	1,791	2,016	1,935	2,513	2,702	1,529	1,096	975	1,202
Critical Water Years	2,085	1,371	1,268	1,538	1,887	1,840	1,838	1,929	996	791	778	1,035

Table 5A-B5.2.22.5-C. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	1	1	1	6	3	1	2	2	1	0	1
20%	1	0	1	2	1	2	0	1	1	1	1	1
30%	2	3	1	3	2	1	1	0	0	-6	-5	0
40%	1	0	1	1	0	1	3	1	-1	-1	1	0
50%	2	1	2	0	0	-7	0	7	3	-1	1	5
60%	2	1	1	2	0	1	5	19	19	5	2	2
70%	1	1	1	0	1	0	1	0	1	2	7	16
80%	0	3	0	3	1	1	1	-2	1	0	0	0
90%	1	-2	2	1	0	2	1	22	23	0	0	12

Table 5A-B5.2.22.5-D. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	1	0	1	3	1	2	3	3	3	2	2
Wet Water Years	-1	0	0	2	6	2	2	2	2	1	2	1
Above Normal Water Years	1	1	1	1	2	1	1	2	2	2	2	2
Below Normal Water Years	2	1	1	1	1	1	2	4	4	5	3	3
Dry Water Years	1	1	0	0	-1	0	3	3	3	3	2	0
Critical Water Years	3	1	1	2	2	3	0	1	1	2	1	1

B.3 Delta Channel Flows and X2 Location

B.3.1 Delta Inflow (as defined in D-1641)

Figure 5A-B5.3.1.1-A. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Probability of Exceedance for No Project Alternative, October to March

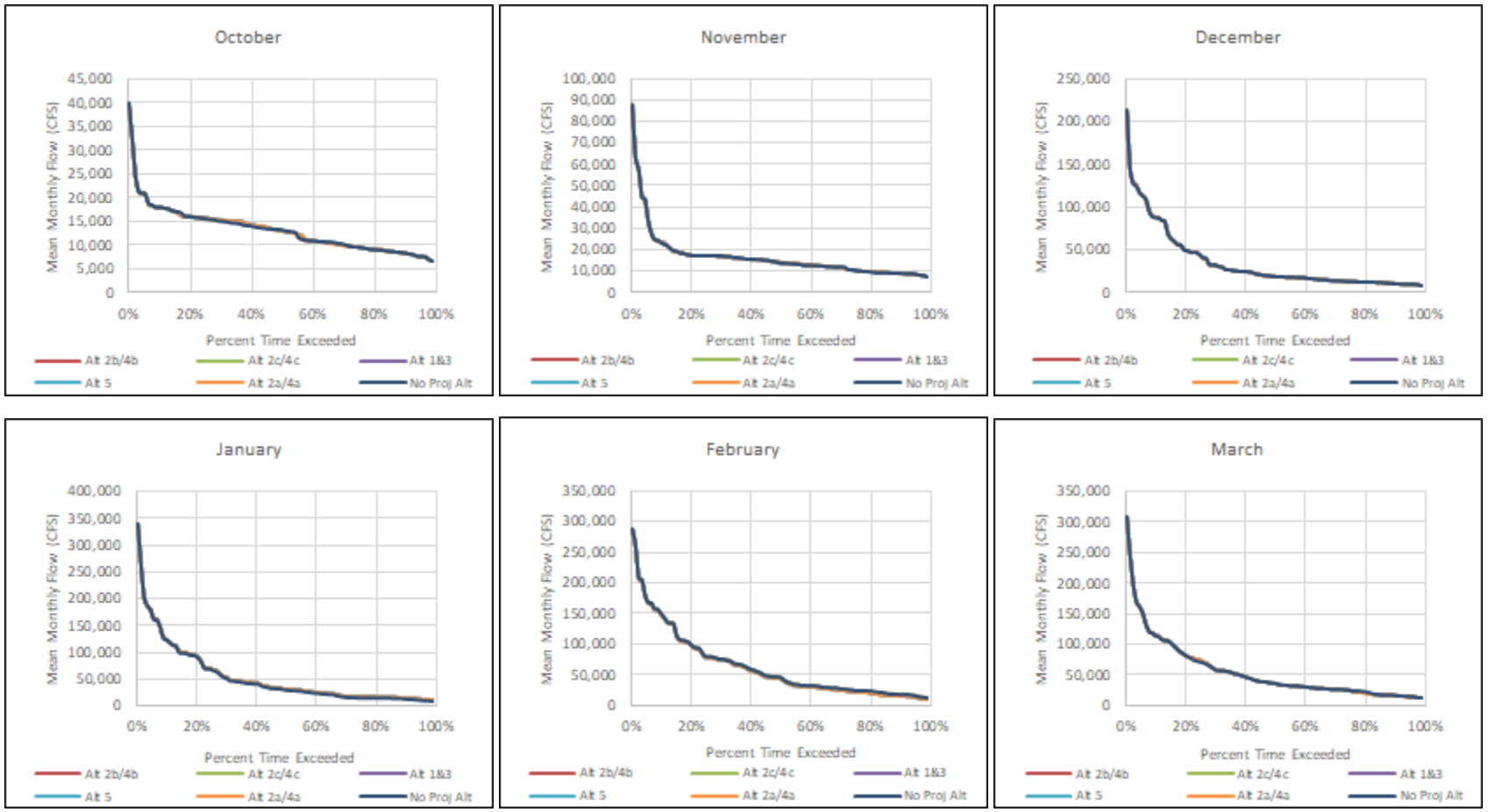


Figure 5A-B5.3.1.1-B. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Probability of Exceedance for No Project Alternative, April to September

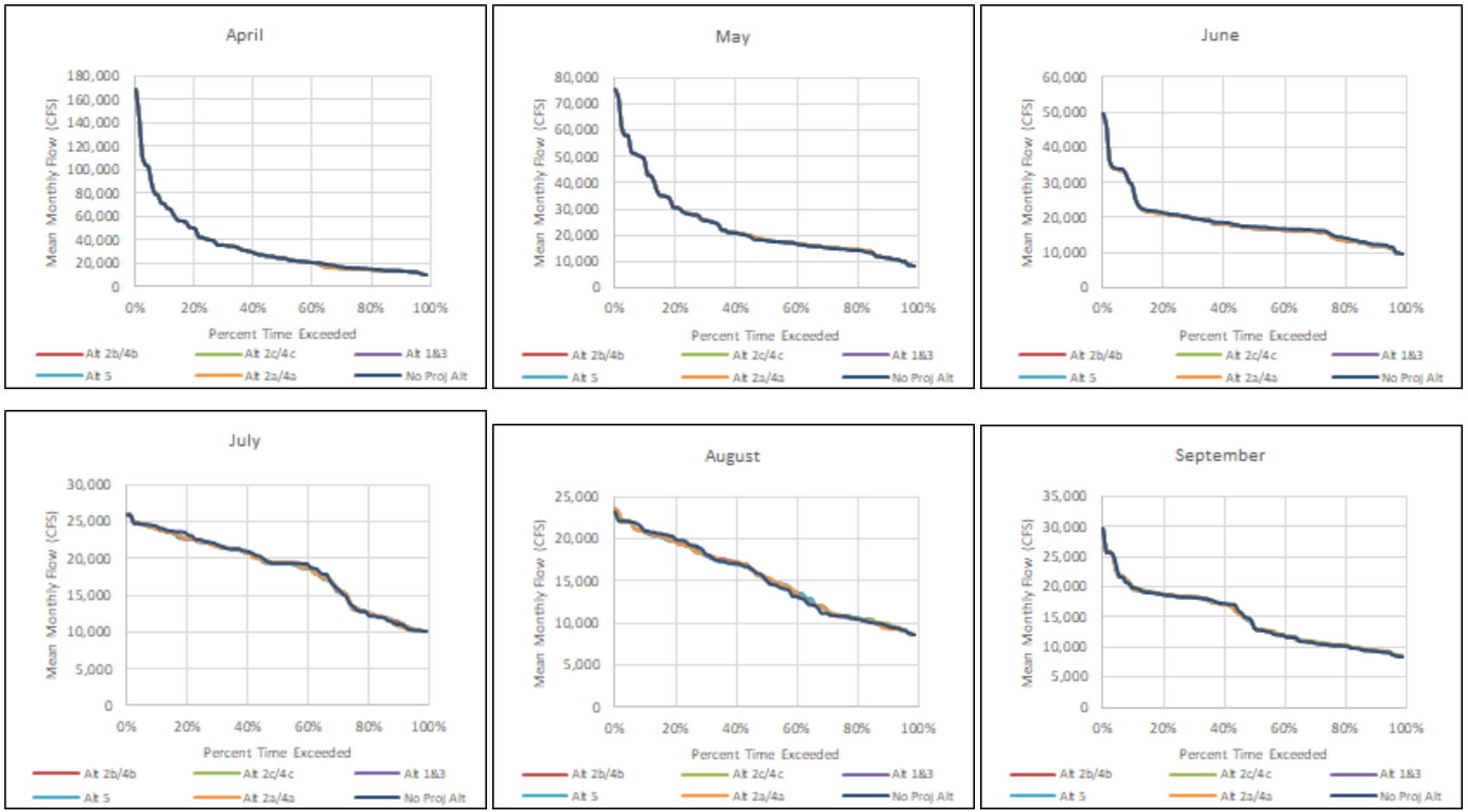


Table 5A-B5.3.1.1-A. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	17,928	23,263	87,171	122,531	147,845	112,863	70,417	47,423	28,080	24,336	20,962	19,900
20%	15,964	17,461	49,197	91,963	98,019	80,633	50,205	30,821	21,276	23,306	20,014	18,744
30%	14,989	17,354	32,032	52,656	74,690	57,193	35,951	25,795	19,673	21,891	18,238	18,272
40%	14,029	15,616	24,407	41,676	58,072	46,024	30,023	21,075	18,486	20,986	17,058	17,320
50%	13,191	13,892	18,391	30,599	44,487	35,238	24,889	18,300	17,323	19,364	15,259	13,891
60%	10,899	12,800	17,058	24,673	30,983	29,409	21,405	17,147	16,656	19,254	13,149	12,071
70%	10,261	12,052	13,575	17,372	26,711	25,406	17,447	15,443	16,328	16,002	11,113	10,908
80%	9,109	9,857	12,024	15,509	22,472	21,733	15,815	14,483	14,251	12,558	10,478	10,334
90%	8,406	9,072	10,150	14,183	16,807	15,624	14,075	11,737	12,292	11,062	9,744	9,525

Table 5A-B5.3.1.1-B. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13,290	16,781	34,888	54,022	64,186	54,995	35,273	24,024	19,004	18,596	15,222	14,886
Wet Water Years	15,061	23,040	62,907	104,334	111,120	96,570	59,857	35,765	23,918	23,265	19,985	20,034
Above Normal Water Years	13,964	16,343	30,856	55,012	79,462	65,323	31,137	26,408	21,792	21,399	17,170	17,663
Below Normal Water Years	12,972	14,507	20,670	26,151	39,715	30,987	24,728	19,298	16,985	18,251	13,586	12,492
Dry Water Years	11,778	12,012	15,583	20,065	28,247	27,111	18,049	15,115	15,536	13,218	10,764	10,286
Critical Water Years	10,370	10,386	14,191	14,930	18,608	17,465	13,715	10,582	11,821	10,673	9,405	9,198

Table 5A-B5.3.1.1-C. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	17,880	23,327	87,903	121,621	147,798	113,323	70,414	47,389	28,120	24,035	20,813	19,883
20%	15,990	17,717	49,251	91,826	97,941	80,633	50,205	30,832	21,271	22,603	19,692	18,746
30%	15,220	17,007	31,944	52,659	74,674	57,733	36,045	26,030	19,834	21,614	18,197	18,316
40%	14,185	15,608	24,375	41,471	58,086	46,026	30,016	21,143	18,462	20,769	17,285	17,139
50%	13,116	14,202	18,573	30,607	44,515	34,842	24,890	18,438	17,219	19,364	15,219	13,951
60%	10,820	12,819	17,066	24,722	31,028	29,408	21,394	17,149	16,723	18,678	13,675	12,059
70%	10,105	11,911	13,580	17,369	25,664	25,264	17,399	15,720	16,213	15,503	11,781	10,909
80%	9,139	9,937	12,211	15,598	21,404	20,529	15,457	14,452	13,694	12,624	10,521	10,298
90%	8,407	9,060	10,680	14,179	16,623	15,406	14,117	11,691	12,308	11,444	9,879	9,523

Table 5A-B5.3.1.1-D. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13,317	16,771	34,997	54,015	63,995	55,040	35,253	24,101	19,005	18,456	15,250	14,875
Wet Water Years	14,968	22,972	63,051	104,289	111,040	96,672	59,876	35,804	24,113	22,989	19,820	20,020
Above Normal Water Years	14,181	16,392	31,018	54,972	79,347	65,481	31,066	26,401	21,818	21,053	17,625	17,648
Below Normal Water Years	13,086	14,482	20,819	26,121	39,623	31,188	24,637	19,362	16,972	18,171	13,608	12,455
Dry Water Years	11,719	12,072	15,585	20,094	27,476	26,694	17,981	15,429	15,152	13,276	11,012	10,318
Critical Water Years	10,494	10,440	14,202	15,057	18,520	17,469	13,835	10,581	11,746	10,707	9,406	9,205

Table 5A-B5.3.1.1-E. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-48	64	732	-910	-46	460	-2	-34	41	-301	-149	-17
20%	25	256	54	-137	-78	0	0	10	-5	-703	-322	3
30%	231	-347	-88	3	-15	540	93	235	161	-277	-40	44
40%	156	-8	-32	-205	14	2	-7	69	-24	-217	228	-181
50%	-75	310	182	7	27	-396	0	137	-104	0	-39	59
60%	-80	19	9	49	45	-1	-12	2	67	-576	527	-12
70%	-157	-141	4	-3	-1,047	-142	-48	277	-115	-499	668	1
80%	30	80	188	89	-1,068	-1,204	-358	-31	-556	66	43	-36
90%	1	-12	529	-4	-184	-218	42	-47	15	381	135	-1

Table 5A-B5.3.1.1-F. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	27	-10	109	-7	-190	45	-20	77	1	-139	29	-11
Wet Water Years	-92	-68	144	-45	-80	102	19	38	195	-276	-165	-14
Above Normal Water Years	217	49	162	-40	-115	159	-71	-7	26	-346	454	-15
Below Normal Water Years	114	-25	149	-29	-92	202	-91	64	-12	-80	22	-37
Dry Water Years	-59	59	2	29	-771	-417	-68	314	-384	58	248	32
Critical Water Years	124	54	11	127	-87	4	120	-1	-75	34	1	7

Table 5A-B5.3.1.2-A. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	17,881	23,326	87,983	121,250	147,761	113,331	70,415	47,315	28,121	24,007	20,784	20,055
20%	15,983	17,727	49,253	91,626	97,996	80,634	50,182	30,833	21,270	22,649	19,678	18,727
30%	15,268	17,014	31,912	52,659	74,675	57,745	35,986	26,031	19,834	21,609	17,970	18,311
40%	14,188	15,608	24,376	41,484	58,089	46,027	30,019	21,248	18,461	20,784	17,007	17,058
50%	13,096	14,203	18,443	30,607	44,513	34,803	24,889	18,464	17,225	19,363	15,214	13,836
60%	11,016	12,832	17,069	24,717	31,031	29,409	21,464	17,149	16,638	18,713	13,715	12,071
70%	10,103	12,004	13,580	17,373	25,661	25,261	17,024	15,737	16,193	15,786	11,780	10,910
80%	9,134	9,993	12,211	15,599	21,406	20,463	15,495	14,736	13,780	12,624	10,578	10,298
90%	8,416	9,110	10,689	14,181	16,711	15,409	14,117	11,721	12,214	11,102	9,854	9,524

Table 5A-B5.3.1.2-B. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13,350	16,793	35,002	54,020	64,007	55,023	35,205	24,125	19,002	18,443	15,250	14,863
Wet Water Years	15,002	22,963	62,991	104,271	111,064	96,635	59,867	35,804	24,126	22,963	19,719	20,004
Above Normal Water Years	14,323	16,430	31,037	54,855	79,360	65,485	31,108	26,393	21,808	21,093	17,567	17,629
Below Normal Water Years	13,107	14,476	20,846	26,130	39,645	31,181	24,639	19,346	16,969	18,158	13,740	12,431
Dry Water Years	11,732	12,097	15,618	20,213	27,380	26,698	17,635	15,605	15,117	13,292	11,064	10,324
Critical Water Years	10,491	10,595	14,294	15,069	18,605	17,450	13,847	10,605	11,743	10,652	9,376	9,214

Table 5A-B5.3.1.2-C. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-46	63	812	-1,280	-84	468	-2	-108	41	-329	-178	154
20%	18	267	55	-337	-23	1	-23	12	-6	-657	-335	-17
30%	280	-340	-120	3	-15	552	35	235	161	-282	-267	39
40%	159	-9	-31	-192	18	2	-4	174	-26	-202	-51	-262
50%	-95	311	52	8	26	-436	0	163	-98	0	-45	-55
60%	117	32	12	44	48	0	59	2	-18	-541	566	0
70%	-158	-48	4	1	-1,050	-145	-423	294	-135	-215	668	2
80%	25	136	187	90	-1,066	-1,269	-320	253	-470	66	100	-35
90%	10	38	538	-2	-96	-214	42	-17	-78	39	109	-1

Table 5A-B5.3.1.2-D. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	59	12	114	-3	-178	29	-69	101	-2	-152	28	-23
Wet Water Years	-59	-77	84	-63	-56	66	10	38	208	-302	-266	-30
Above Normal Water Years	360	86	181	-156	-103	163	-29	-15	15	-305	396	-34
Below Normal Water Years	134	-31	176	-20	-70	194	-89	48	-15	-93	154	-61
Dry Water Years	-46	84	35	149	-867	-413	-414	490	-419	74	300	38
Critical Water Years	120	209	102	139	-3	-15	131	22	-77	-21	-29	16

Table 5A-B5.3.1.3-A. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	17,885	23,686	87,776	121,495	147,788	113,333	70,420	47,320	28,121	24,005	20,888	19,673
20%	16,004	17,455	49,258	92,035	98,530	80,635	50,242	30,837	21,121	22,656	19,723	18,727
30%	15,268	17,020	31,737	52,663	74,721	57,698	36,153	26,031	20,085	21,640	18,193	18,318
40%	14,193	15,602	24,389	41,741	58,090	46,030	29,991	21,258	18,399	20,782	17,007	17,060
50%	13,091	14,206	18,467	30,604	44,517	34,822	24,896	18,379	17,137	19,358	15,351	13,806
60%	11,013	12,938	17,071	24,733	31,063	29,422	21,271	17,144	16,637	18,629	13,626	12,083
70%	10,101	12,017	13,579	17,371	25,663	25,366	16,497	15,748	16,188	15,844	11,769	10,958
80%	9,032	9,938	12,212	15,600	21,409	20,464	15,344	14,961	13,848	12,618	10,591	10,299
90%	8,321	9,107	10,687	14,182	16,419	15,401	14,120	11,721	12,214	11,031	9,496	9,524

Table 5A-B5.3.1.3-B. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13,352	16,801	35,015	54,056	63,995	55,071	35,036	24,130	18,977	18,422	15,262	14,867
Wet Water Years	15,004	22,982	62,997	104,318	111,062	96,781	59,881	35,807	24,086	22,978	19,747	19,996
Above Normal Water Years	14,435	16,493	31,127	54,870	79,353	65,487	31,111	26,396	21,803	21,093	17,559	17,628
Below Normal Water Years	13,076	14,475	20,858	26,157	39,665	31,162	24,419	19,357	16,931	18,078	13,764	12,452
Dry Water Years	11,730	12,099	15,664	20,269	27,415	26,689	17,290	15,604	15,107	13,344	11,128	10,339
Critical Water Years	10,488	10,564	14,233	15,089	18,431	17,472	13,366	10,610	11,756	10,557	9,276	9,211

Table 5A-B5.3.1.3-C. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-43	423	605	-1,036	-57	469	4	-103	41	-331	-74	-227
20%	39	-6	61	72	511	3	36	16	-155	-650	-291	-17
30%	279	-334	-295	7	32	505	202	235	412	-251	-45	45
40%	164	-14	-18	66	18	6	-31	183	-87	-204	-51	-260
50%	-100	314	76	5	30	-416	7	78	-187	-6	92	-85
60%	114	137	14	60	80	13	-134	-3	-19	-625	477	12
70%	-161	-35	4	0	-1,048	-40	-950	305	-140	-157	656	50
80%	-77	81	189	91	-1,064	-1,268	-471	479	-402	60	113	-35
90%	-85	35	536	-1	-388	-223	44	-17	-78	-31	-248	0

Table 5A-B5.3.1.3-D. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	62	21	127	33	-191	77	-237	106	-27	-174	40	-18
Wet Water Years	-56	-58	91	-16	-58	211	24	42	168	-287	-238	-38
Above Normal Water Years	471	149	271	-141	-109	165	-26	-13	11	-306	388	-35
Below Normal Water Years	103	-32	187	6	-50	176	-309	59	-53	-173	178	-40
Dry Water Years	-48	87	80	204	-832	-422	-759	489	-429	126	364	53
Critical Water Years	118	178	42	159	-176	7	-349	27	-65	-116	-129	13

Table 5A-B5.3.1.4-A. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	17,891	23,604	87,939	121,514	147,796	113,347	70,428	47,373	28,122	23,983	20,953	19,704
20%	16,022	17,456	49,262	92,038	98,395	80,641	50,248	30,831	21,122	22,689	19,727	18,843
30%	15,267	17,090	31,689	52,672	75,177	57,713	36,166	26,033	20,090	21,596	18,184	18,340
40%	14,234	15,606	24,418	41,745	58,091	46,039	29,960	21,265	18,411	20,781	17,207	17,069
50%	13,074	14,245	18,468	30,605	44,523	34,819	24,885	18,602	17,235	19,363	15,523	13,937
60%	10,925	12,947	16,969	24,736	31,103	29,427	21,250	17,155	16,736	18,659	13,680	12,105
70%	10,016	12,028	13,582	17,373	25,775	25,477	16,260	15,830	16,226	15,910	11,735	10,818
80%	9,121	9,942	12,216	15,609	21,412	19,530	15,353	14,957	13,832	12,638	10,507	10,336
90%	8,326	9,107	10,687	14,183	16,420	15,402	14,085	11,724	12,214	10,814	9,369	9,539

Table 5A-B5.3.1.4-B. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13,359	16,815	35,027	54,080	64,005	55,058	34,993	24,167	18,985	18,425	15,255	14,881
Wet Water Years	14,984	22,935	63,056	104,309	111,032	96,830	59,888	35,813	24,067	22,987	19,793	20,012
Above Normal Water Years	14,446	16,541	31,088	54,914	79,372	65,498	31,039	26,407	21,802	21,086	17,628	17,707
Below Normal Water Years	13,119	14,515	20,841	26,212	39,712	31,231	24,323	19,351	16,957	18,124	13,761	12,441
Dry Water Years	11,743	12,145	15,672	20,290	27,446	26,346	17,198	15,840	15,113	13,321	10,973	10,349
Critical Water Years	10,476	10,621	14,216	15,126	18,440	17,476	13,379	10,613	11,804	10,489	9,231	9,225

Table 5A-B5.3.1.4-C. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-37	341	768	-1,017	-49	484	12	-50	42	-353	-9	-196
20%	58	-5	65	75	376	8	43	10	-154	-617	-287	99
30%	278	-263	-343	16	487	520	215	238	417	-295	-53	68
40%	205	-11	11	69	20	14	-62	190	-75	-205	150	-251
50%	-117	354	77	6	36	-419	-5	302	-89	0	264	46
60%	25	147	-88	63	120	18	-156	8	80	-595	531	34
70%	-245	-24	6	2	-936	72	-1,188	387	-102	-92	622	-90
80%	13	85	193	100	-1,060	-2,202	-461	475	-419	81	29	2
90%	-81	35	537	0	-387	-222	9	-13	-78	-248	-375	15

Table 5A-B5.3.1.4-D. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	68	34	138	58	-181	63	-280	143	-19	-171	34	-5
Wet Water Years	-76	-105	149	-25	-88	260	31	48	149	-278	-192	-22
Above Normal Water Years	482	198	232	-97	-90	175	-98	-2	10	-312	457	44
Below Normal Water Years	147	8	171	62	-3	244	-405	53	-27	-128	175	-51
Dry Water Years	-35	133	88	225	-801	-766	-851	725	-423	103	209	63
Critical Water Years	106	235	25	196	-168	11	-336	31	-16	-184	-174	27

Table 5A-B5.3.1.5-A. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	17,885	23,688	87,792	121,496	147,788	113,333	70,420	47,320	28,121	24,005	21,026	19,674
20%	16,003	17,457	49,258	92,036	98,531	80,635	50,242	30,837	21,121	22,656	19,728	18,727
30%	15,268	17,016	31,738	52,663	74,720	57,698	36,153	26,031	20,085	21,640	18,193	18,321
40%	14,192	15,602	24,389	41,741	58,090	46,030	29,994	21,258	18,399	20,781	17,007	17,060
50%	13,091	14,206	18,466	30,595	44,517	34,827	24,896	18,379	17,137	19,358	15,350	13,804
60%	11,013	12,938	17,071	24,734	31,063	29,422	21,271	17,144	16,637	18,612	13,626	12,083
70%	10,113	12,018	13,580	17,371	25,663	25,366	16,497	15,747	16,188	15,844	11,769	10,958
80%	9,032	9,938	12,214	15,600	21,409	20,464	15,344	14,961	13,848	12,618	10,590	10,298
90%	8,321	9,107	10,687	14,182	16,420	15,401	14,121	11,721	12,214	11,031	9,496	9,524

Table 5A-B5.3.1.5-B. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13,352	16,802	35,020	54,053	63,991	55,071	35,036	24,130	18,977	18,421	15,269	14,861
Wet Water Years	15,004	22,980	63,004	104,312	111,061	96,780	59,881	35,807	24,085	22,981	19,767	19,978
Above Normal Water Years	14,435	16,494	31,129	54,870	79,353	65,487	31,111	26,396	21,803	21,092	17,557	17,628
Below Normal Water Years	13,075	14,480	20,866	26,156	39,652	31,162	24,419	19,357	16,931	18,070	13,764	12,451
Dry Water Years	11,732	12,098	15,664	20,269	27,415	26,689	17,290	15,604	15,108	13,344	11,128	10,339
Critical Water Years	10,488	10,564	14,233	15,089	18,431	17,472	13,366	10,609	11,756	10,557	9,276	9,210

Table 5A-B5.3.1.5-C. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-43	425	621	-1,035	-57	469	4	-103	41	-331	64	-227
20%	39	-4	61	72	512	3	36	16	-155	-650	-286	-17
30%	279	-338	-294	7	30	505	202	235	412	-251	-44	49
40%	163	-14	-18	65	19	6	-29	183	-87	-205	-51	-260
50%	-100	315	75	-4	30	-411	7	78	-187	-6	91	-87
60%	113	137	14	61	80	13	-134	-3	-19	-642	477	12
70%	-149	-34	5	0	-1,048	-40	-950	304	-140	-158	656	50
80%	-76	81	190	91	-1,064	-1,268	-471	479	-402	60	112	-36
90%	-85	35	536	-1	-387	-223	45	-17	-78	-31	-248	0

Table 5A-B5.3.1.5-D. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	62	21	132	31	-195	76	-237	106	-27	-175	48	-25
Wet Water Years	-56	-60	97	-22	-59	211	24	42	167	-283	-218	-56
Above Normal Water Years	471	150	274	-142	-109	165	-26	-13	11	-307	387	-35
Below Normal Water Years	103	-27	196	5	-63	175	-309	59	-53	-181	178	-41
Dry Water Years	-46	85	80	204	-832	-423	-759	489	-428	126	364	53
Critical Water Years	117	178	42	159	-177	7	-349	27	-65	-116	-129	13

B.3.2 Delta Channel Depletion (determined using Dayflow methodology)

Figure 5A-B5.3.2.1-A. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Probability of Exceedance for No Project Alternative, October to March

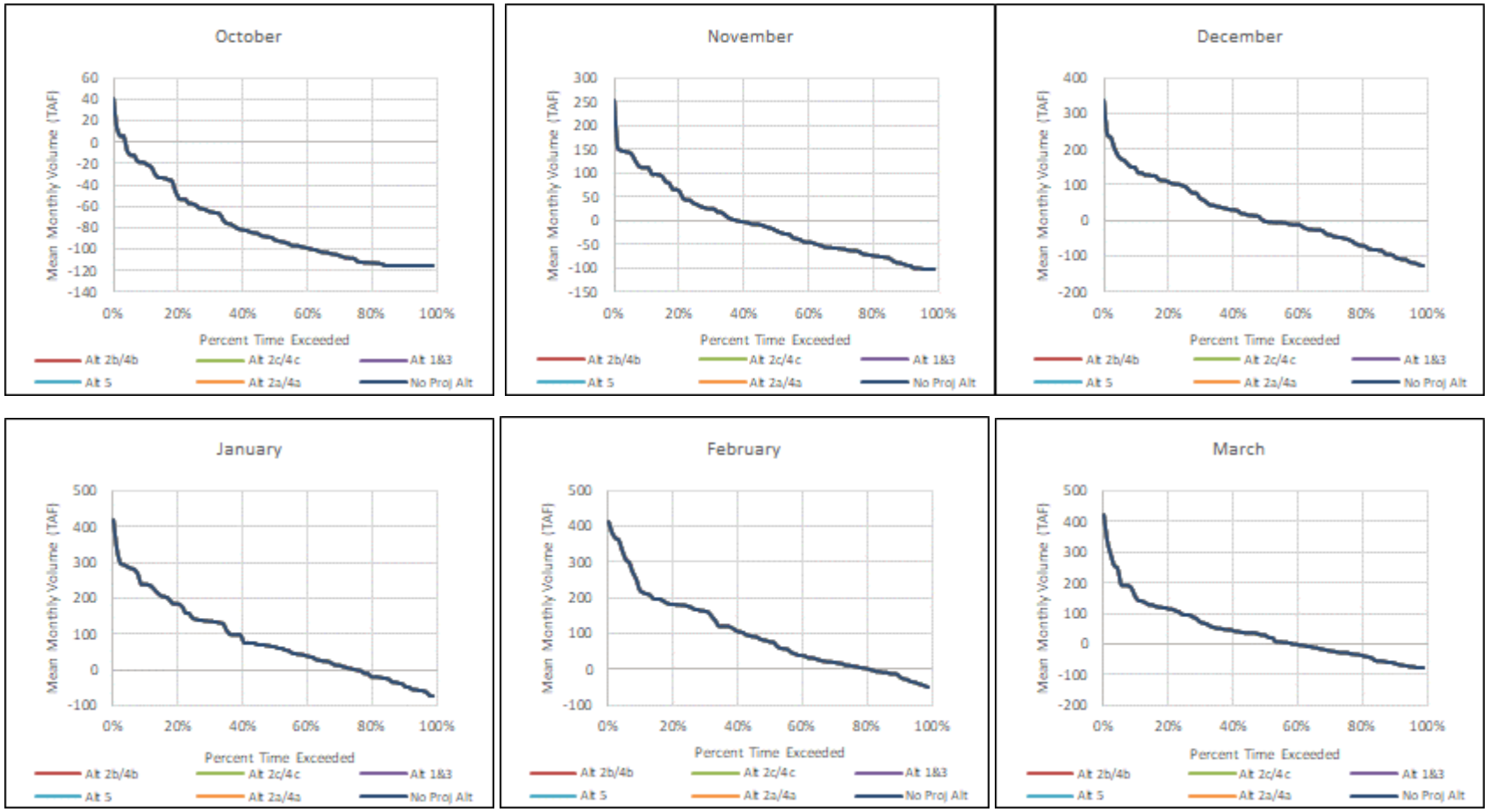


Figure 5A-B5.3.2.1-B. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Probability of Exceedance for No Project Alternative, April to September

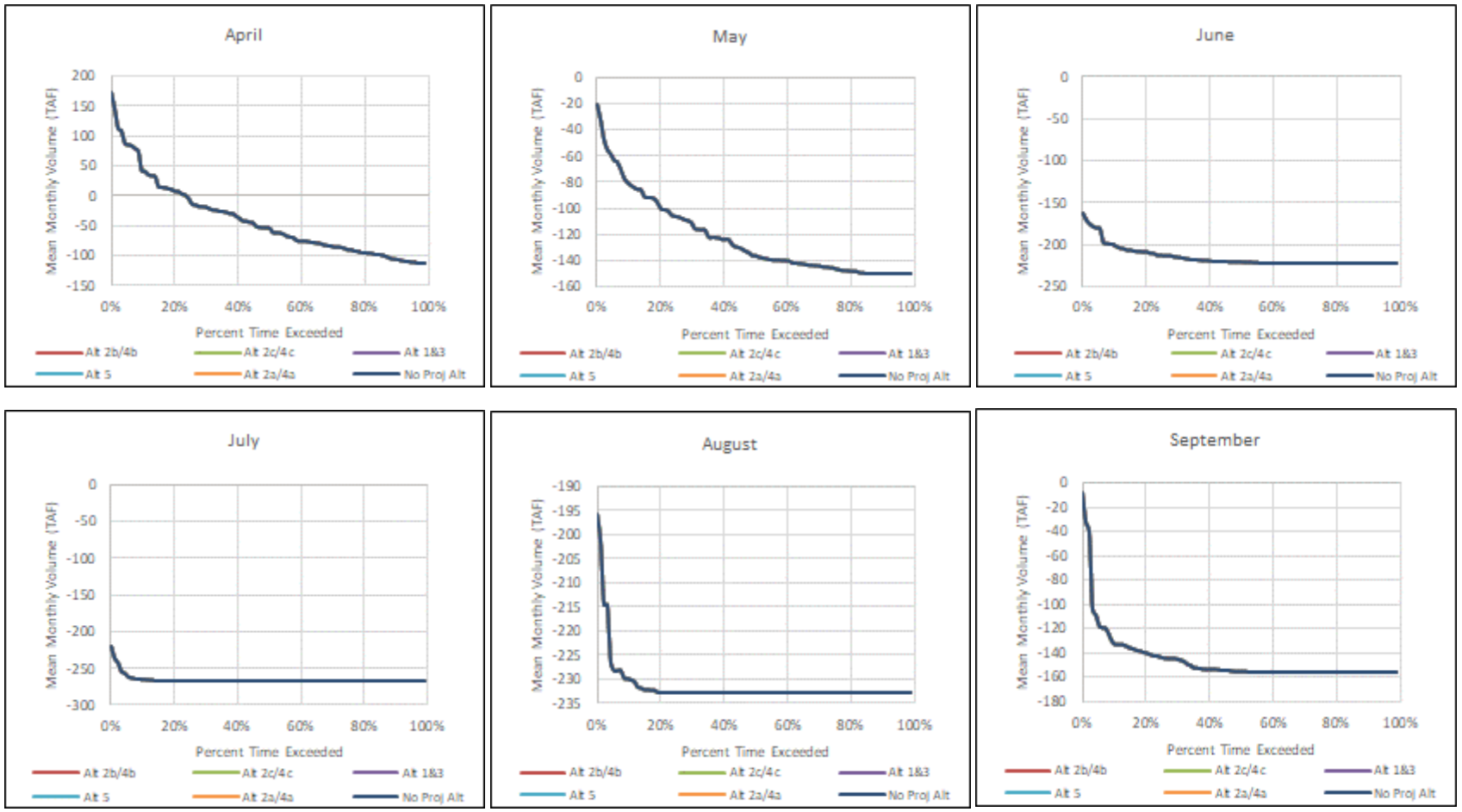


Table 5A-B5.3.2.1-A. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Exceedance Probabilities for Monthly Volume (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-20	110	144	237	221	152	43	-81	-201	-265	-230	-133
20%	-49	62	108	183	182	115	9	-99	-209	-268	-233	-140
30%	-64	24	63	135	164	72	-18	-111	-216	-268	-233	-146
40%	-81	-3	30	92	109	45	-34	-124	-220	-268	-233	-154
50%	-90	-20	-1	64	80	28	-53	-136	-221	-268	-233	-156
60%	-98	-46	-12	39	41	-2	-75	-140	-223	-268	-233	-157
70%	-105	-59	-40	11	22	-21	-83	-144	-223	-268	-233	-157
80%	-112	-73	-70	-15	5	-36	-94	-148	-223	-268	-233	-157
90%	-115	-91	-97	-40	-12	-61	-105	-150	-223	-268	-233	-157

Table 5A-B5.3.2.1-B. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Monthly Volume (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-78	-6	19	84	99	41	-39	-122	-216	-266	-231	-146
Wet Water Years	-75	25	80	144	116	82	-7	-117	-215	-266	-230	-146
Above Normal Water Years	-54	6	6	94	118	43	-60	-117	-218	-264	-233	-154
Below Normal Water Years	-84	-13	-7	50	85	22	-42	-126	-215	-266	-232	-139
Dry Water Years	-86	-37	-14	61	102	11	-56	-131	-218	-267	-232	-150
Critical Water Years	-83	-51	-38	12	68	7	-80	-121	-214	-267	-229	-149

Table 5A-B5.3.2.1-C. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-20	110	144	237	221	152	43	-81	-201	-265	-230	-133
20%	-49	62	108	183	182	115	9	-99	-209	-268	-233	-140
30%	-64	24	63	135	164	72	-18	-111	-216	-268	-233	-146
40%	-81	-3	30	92	109	45	-34	-124	-220	-268	-233	-154
50%	-90	-20	-1	64	80	28	-53	-136	-221	-268	-233	-156
60%	-98	-46	-12	39	41	-2	-75	-140	-223	-268	-233	-157
70%	-105	-59	-40	11	22	-21	-83	-144	-223	-268	-233	-157
80%	-112	-73	-70	-15	5	-36	-94	-148	-223	-268	-233	-157
90%	-115	-91	-97	-40	-12	-61	-105	-150	-223	-268	-233	-157

Table 5A-B5.3.2.1-D. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Monthly Volume (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-78	-6	19	84	99	41	-39	-122	-216	-266	-231	-146
Wet Water Years	-75	25	80	144	116	82	-7	-117	-215	-266	-230	-146
Above Normal Water Years	-54	6	6	94	118	43	-60	-117	-218	-264	-233	-154
Below Normal Water Years	-84	-13	-7	50	85	22	-42	-126	-215	-266	-232	-139
Dry Water Years	-86	-37	-14	61	102	11	-56	-131	-218	-267	-232	-150
Critical Water Years	-83	-51	-38	12	68	7	-80	-121	-214	-267	-229	-149

Table 5A-B5.3.2.1-E. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Difference in Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.2.1-F. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Difference in Monthly Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.2.2-A. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-20	110	144	237	221	152	43	-81	-201	-265	-230	-133
20%	-49	62	108	183	182	115	9	-99	-209	-268	-233	-140
30%	-64	24	63	135	164	72	-18	-111	-216	-268	-233	-146
40%	-81	-3	30	92	109	45	-34	-124	-220	-268	-233	-154
50%	-90	-20	-1	64	80	28	-53	-136	-221	-268	-233	-156
60%	-98	-46	-12	39	41	-2	-75	-140	-223	-268	-233	-157
70%	-105	-59	-40	11	22	-21	-83	-144	-223	-268	-233	-157
80%	-112	-73	-70	-15	5	-36	-94	-148	-223	-268	-233	-157
90%	-115	-91	-97	-40	-12	-61	-105	-150	-223	-268	-233	-157

Table 5A-B5.3.2.2-B. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Monthly Volume (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-78	-6	19	84	99	41	-39	-122	-216	-266	-231	-146
Wet Water Years	-75	25	80	144	116	82	-7	-117	-215	-266	-230	-146
Above Normal Water Years	-54	6	6	94	118	43	-60	-117	-218	-264	-233	-154
Below Normal Water Years	-84	-13	-7	50	85	22	-42	-126	-215	-266	-232	-139
Dry Water Years	-86	-37	-14	61	102	11	-56	-131	-218	-267	-232	-150
Critical Water Years	-83	-51	-38	12	68	7	-80	-121	-214	-267	-229	-149

Table 5A-B5.3.2.2-C. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Difference in Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.2.2-D. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Difference in Monthly Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.2.3-A. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-20	110	144	237	221	152	43	-81	-201	-265	-230	-133
20%	-49	62	108	183	182	115	9	-99	-209	-268	-233	-140
30%	-64	24	63	135	164	72	-18	-111	-216	-268	-233	-146
40%	-81	-3	30	92	109	45	-34	-124	-220	-268	-233	-154
50%	-90	-20	-1	64	80	28	-53	-136	-221	-268	-233	-156
60%	-98	-46	-12	39	41	-2	-75	-140	-223	-268	-233	-157
70%	-105	-59	-40	11	22	-21	-83	-144	-223	-268	-233	-157
80%	-112	-73	-70	-15	5	-36	-94	-148	-223	-268	-233	-157
90%	-115	-91	-97	-40	-12	-61	-105	-150	-223	-268	-233	-157

Table 5A-B5.3.2.3-B. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Monthly Volume (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-78	-6	19	84	99	41	-39	-122	-216	-266	-231	-146
Wet Water Years	-75	25	80	144	116	82	-7	-117	-215	-266	-230	-146
Above Normal Water Years	-54	6	6	94	118	43	-60	-117	-218	-264	-233	-154
Below Normal Water Years	-84	-13	-7	50	85	22	-42	-126	-215	-266	-232	-139
Dry Water Years	-86	-37	-14	61	102	11	-56	-131	-218	-267	-232	-150
Critical Water Years	-83	-51	-38	12	68	7	-80	-121	-214	-267	-229	-149

Table 5A-B5.3.2.3-C. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Difference in Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.2.3-D. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Difference in Monthly Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.2.4-A. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-20	110	144	237	221	152	43	-81	-201	-265	-230	-133
20%	-49	62	108	183	182	115	9	-99	-209	-268	-233	-140
30%	-64	24	63	135	164	72	-18	-111	-216	-268	-233	-146
40%	-81	-3	30	92	109	45	-34	-124	-220	-268	-233	-154
50%	-90	-20	-1	64	80	28	-53	-136	-221	-268	-233	-156
60%	-98	-46	-12	39	41	-2	-75	-140	-223	-268	-233	-157
70%	-105	-59	-40	11	22	-21	-83	-144	-223	-268	-233	-157
80%	-112	-73	-70	-15	5	-36	-94	-148	-223	-268	-233	-157
90%	-115	-91	-97	-40	-12	-61	-105	-150	-223	-268	-233	-157

Table 5A-B5.3.2.4-B. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Monthly Volume (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-78	-6	19	84	99	41	-39	-122	-216	-266	-231	-146
Wet Water Years	-75	25	80	144	116	82	-7	-117	-215	-266	-230	-146
Above Normal Water Years	-54	6	6	94	118	43	-60	-117	-218	-264	-233	-154
Below Normal Water Years	-84	-13	-7	50	85	22	-42	-126	-215	-266	-232	-139
Dry Water Years	-86	-37	-14	61	102	11	-56	-131	-218	-267	-232	-150
Critical Water Years	-83	-51	-38	12	68	7	-80	-121	-214	-267	-229	-149

Table 5A-B5.3.2.4-C. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Difference in Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.2.4-D. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Difference in Monthly Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.2.5-A. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-20	110	144	237	221	152	43	-81	-201	-265	-230	-133
20%	-49	62	108	183	182	115	9	-99	-209	-268	-233	-140
30%	-64	24	63	135	164	72	-18	-111	-216	-268	-233	-146
40%	-81	-3	30	92	109	45	-34	-124	-220	-268	-233	-154
50%	-90	-20	-1	64	80	28	-53	-136	-221	-268	-233	-156
60%	-98	-46	-12	39	41	-2	-75	-140	-223	-268	-233	-157
70%	-105	-59	-40	11	22	-21	-83	-144	-223	-268	-233	-157
80%	-112	-73	-70	-15	5	-36	-94	-148	-223	-268	-233	-157
90%	-115	-91	-97	-40	-12	-61	-105	-150	-223	-268	-233	-157

Table 5A-B5.3.2.5-B. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Monthly Volume (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-78	-6	19	84	99	41	-39	-122	-216	-266	-231	-146
Wet Water Years	-75	25	80	144	116	82	-7	-117	-215	-266	-230	-146
Above Normal Water Years	-54	6	6	94	118	43	-60	-117	-218	-264	-233	-154
Below Normal Water Years	-84	-13	-7	50	85	22	-42	-126	-215	-266	-232	-139
Dry Water Years	-86	-37	-14	61	102	11	-56	-131	-218	-267	-232	-150
Critical Water Years	-83	-51	-38	12	68	7	-80	-121	-214	-267	-229	-149

Table 5A-B5.3.2.5-C. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Difference in Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.2.5-D. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Difference in Monthly Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

B.3.3 Delta Channel Depletion (determined using DWR's Delta Channel depletion model)

Figure 5A-B5.3.3.1-A. Delta Channel Depletion Monthly Flow (DelChanDep), Probability of Exceedance for No Project Alternative, October to March

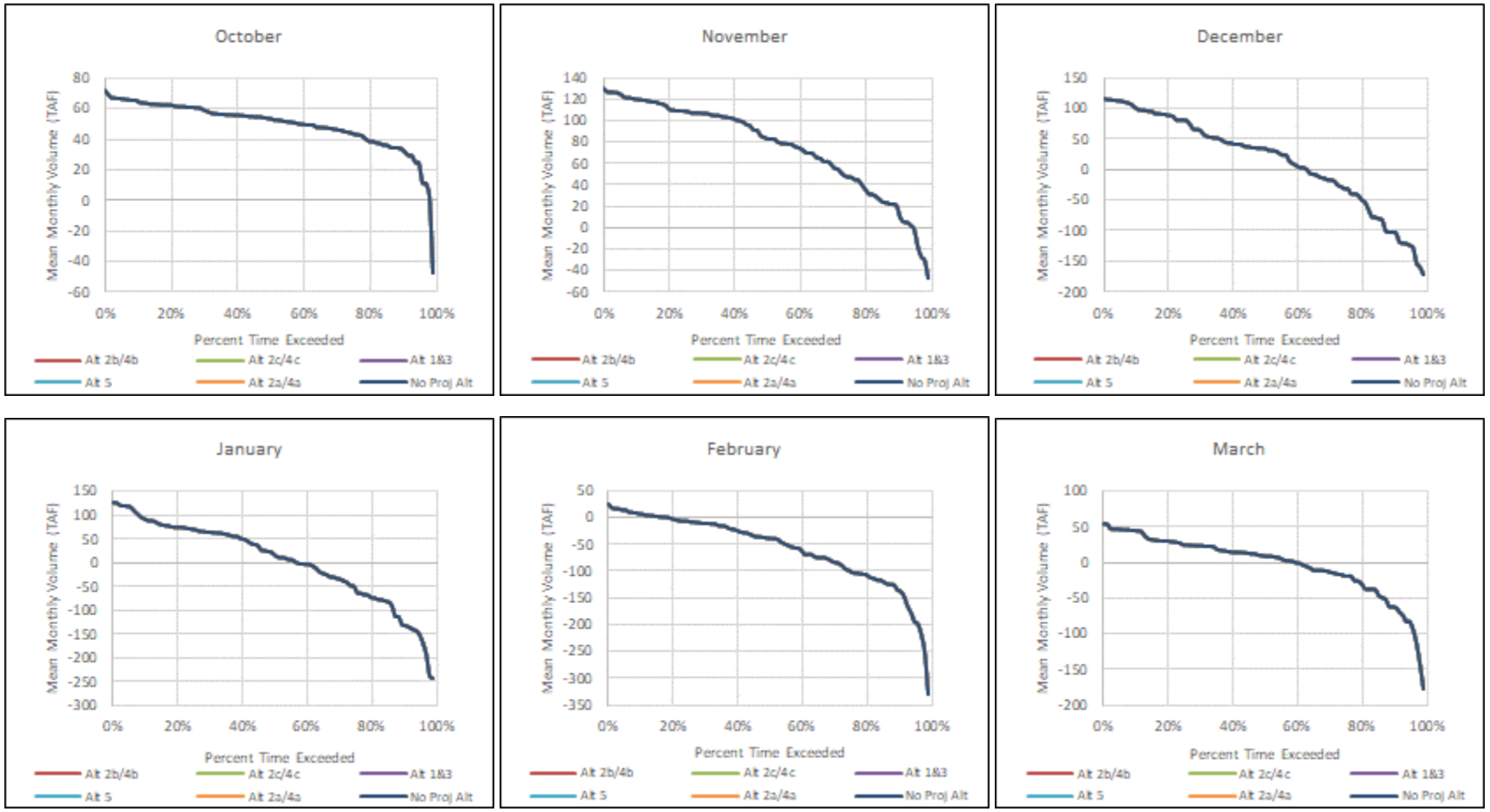


Figure 5A-B5.3.3.1-B. Delta Channel Depletion Monthly Flow (DelChanDep), Probability of Exceedance for No Project Alternative, April to September

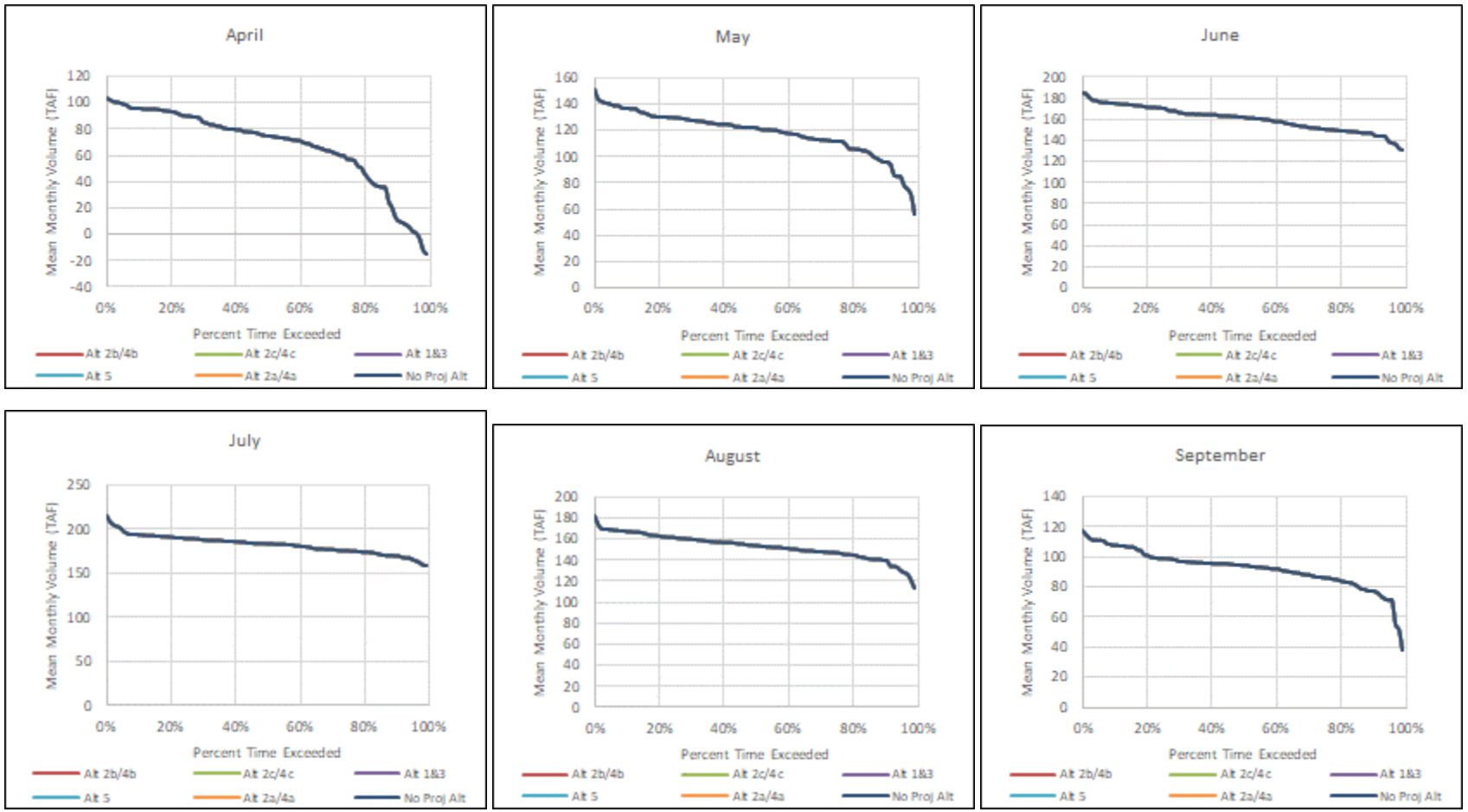


Table 5A-B5.3.3.1-A. Delta Channel Depletion Monthly Flow (DelChanDep), Exceedance Probabilities for Monthly Volume (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	120	100	93	6	45	96	136	175	193	167	108
20%	62	112	88	76	-3	30	93	130	171	191	162	102
30%	59	107	64	66	-12	23	85	127	166	188	159	98
40%	55	102	42	52	-25	15	80	124	164	186	156	96
50%	54	84	34	20	-39	9	75	122	162	183	153	95
60%	50	75	6	-1	-60	0	71	118	157	181	150	92
70%	46	60	-17	-31	-82	-12	63	113	152	177	147	88
80%	39	38	-46	-68	-106	-27	49	106	149	174	144	85
90%	34	21	-103	-123	-132	-62	15	96	146	170	139	78

Table 5A-B5.3.3.1-B. Delta Channel Depletion Monthly Flow (DelChanDep), Monthly Volume (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50	76	14	5	-58	-2	67	118	160	182	152	93
Wet Water Years	47	61	-29	-47	-71	-24	50	118	159	181	149	90
Above Normal Water Years	42	61	17	-8	-83	2	81	122	162	180	148	90
Below Normal Water Years	52	78	31	30	-46	8	70	116	162	183	152	87
Dry Water Years	52	93	44	32	-58	12	79	121	161	184	159	103
Critical Water Years	54	107	60	76	-28	15	86	117	154	185	157	100

Table 5A-B5.3.3.1-C. Delta Channel Depletion Monthly Flow (DelChanDep), Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	120	100	93	6	45	96	136	175	193	167	108
20%	62	112	88	76	-3	30	93	130	171	191	162	102
30%	59	107	64	66	-12	23	85	127	166	188	159	98
40%	55	102	42	52	-25	15	80	124	164	186	156	96
50%	54	84	34	20	-39	9	75	122	162	183	153	95
60%	50	75	6	-1	-60	0	71	118	157	181	150	92
70%	46	60	-17	-31	-82	-12	63	113	152	177	147	88
80%	39	38	-46	-68	-106	-27	49	106	149	174	144	85
90%	34	21	-103	-123	-132	-62	15	96	146	170	139	78

Table 5A-B5.3.3.1-D. Delta Channel Depletion Monthly Flow (DelChanDep), Monthly Volume (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50	76	14	5	-58	-2	67	118	160	182	152	93
Wet Water Years	47	61	-29	-47	-71	-24	50	118	159	181	149	90
Above Normal Water Years	42	61	17	-8	-83	2	81	122	162	180	148	90
Below Normal Water Years	52	78	31	30	-46	8	70	116	162	183	152	87
Dry Water Years	52	93	44	32	-58	12	79	121	161	184	159	103
Critical Water Years	54	107	60	76	-28	15	86	117	154	185	157	100

Table 5A-B5.3.3.1-E. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.3.1-F. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Monthly Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.3.2-A. Delta Channel Depletion Monthly Flow (DelChanDep), Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	120	100	93	6	45	96	136	175	193	167	108
20%	62	112	88	76	-3	30	93	130	171	191	162	102
30%	59	107	64	66	-12	23	85	127	166	188	159	98
40%	55	102	42	52	-25	15	80	124	164	186	156	96
50%	54	84	34	20	-39	9	75	122	162	183	153	95
60%	50	75	6	-1	-60	0	71	118	157	181	150	92
70%	46	60	-17	-31	-82	-12	63	113	152	177	147	88
80%	39	38	-46	-68	-106	-27	49	106	149	174	144	85
90%	34	21	-103	-123	-132	-62	15	96	146	170	139	78

Table 5A-B5.3.3.2-B. Delta Channel Depletion Monthly Flow (DelChanDep), Monthly Volume (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50	76	14	5	-58	-2	67	118	160	182	152	93
Wet Water Years	47	61	-29	-47	-71	-24	50	118	159	181	149	90
Above Normal Water Years	42	61	17	-8	-83	2	81	122	162	180	148	90
Below Normal Water Years	52	78	31	30	-46	8	70	116	162	183	152	87
Dry Water Years	52	93	44	32	-58	12	79	121	161	184	159	103
Critical Water Years	54	107	60	76	-28	15	86	117	154	185	157	100

Table 5A-B5.3.3.2-C. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.3.2-D. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Monthly Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.3.3-A. Delta Channel Depletion Monthly Flow (DelChanDep), Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	120	100	93	6	45	96	136	175	193	167	108
20%	62	112	88	76	-3	30	93	130	171	191	162	102
30%	59	107	64	66	-12	23	85	127	166	188	159	98
40%	55	102	42	52	-25	15	80	124	164	186	156	96
50%	54	84	34	20	-39	9	75	122	162	183	153	95
60%	50	75	6	-1	-60	0	71	118	157	181	150	92
70%	46	60	-17	-31	-82	-12	63	113	152	177	147	88
80%	39	38	-46	-68	-106	-27	49	106	149	174	144	85
90%	34	21	-103	-123	-132	-62	15	96	146	170	139	78

Table 5A-B5.3.3.3-B. Delta Channel Depletion Monthly Flow (DelChanDep), Monthly Volume (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50	76	14	5	-58	-2	67	118	160	182	152	93
Wet Water Years	47	61	-29	-47	-71	-24	50	118	159	181	149	90
Above Normal Water Years	42	61	17	-8	-83	2	81	122	162	180	148	90
Below Normal Water Years	52	78	31	30	-46	8	70	116	162	183	152	87
Dry Water Years	52	93	44	32	-58	12	79	121	161	184	159	103
Critical Water Years	54	107	60	76	-28	15	86	117	154	185	157	100

Table 5A-B5.3.3.3-C. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.3.3-D. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Monthly Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.3.4-A. Delta Channel Depletion Monthly Flow (DelChanDep), Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	120	100	93	6	45	96	136	175	193	167	108
20%	62	112	88	76	-3	30	93	130	171	191	162	102
30%	59	107	64	66	-12	23	85	127	166	188	159	98
40%	55	102	42	52	-25	15	80	124	164	186	156	96
50%	54	84	34	20	-39	9	75	122	162	183	153	95
60%	50	75	6	-1	-60	0	71	118	157	181	150	92
70%	46	60	-17	-31	-82	-12	63	113	152	177	147	88
80%	39	38	-46	-68	-106	-27	49	106	149	174	144	85
90%	34	21	-103	-123	-132	-62	15	96	146	170	139	78

Table 5A-B5.3.3.4-B. Delta Channel Depletion Monthly Flow (DelChanDep), Monthly Volume (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50	76	14	5	-58	-2	67	118	160	182	152	93
Wet Water Years	47	61	-29	-47	-71	-24	50	118	159	181	149	90
Above Normal Water Years	42	61	17	-8	-83	2	81	122	162	180	148	90
Below Normal Water Years	52	78	31	30	-46	8	70	116	162	183	152	87
Dry Water Years	52	93	44	32	-58	12	79	121	161	184	159	103
Critical Water Years	54	107	60	76	-28	15	86	117	154	185	157	100

Table 5A-B5.3.3.4-C. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.3.4-D. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Monthly Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.3.5-A. Delta Channel Depletion Monthly Flow (DelChanDep), Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	120	100	93	6	45	96	136	175	193	167	108
20%	62	112	88	76	-3	30	93	130	171	191	162	102
30%	59	107	64	66	-12	23	85	127	166	188	159	98
40%	55	102	42	52	-25	15	80	124	164	186	156	96
50%	54	84	34	20	-39	9	75	122	162	183	153	95
60%	50	75	6	-1	-60	0	71	118	157	181	150	92
70%	46	60	-17	-31	-82	-12	63	113	152	177	147	88
80%	39	38	-46	-68	-106	-27	49	106	149	174	144	85
90%	34	21	-103	-123	-132	-62	15	96	146	170	139	78

Table 5A-B5.3.3.5-B. Delta Channel Depletion Monthly Flow (DelChanDep), Monthly Volume (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50	76	14	5	-58	-2	67	118	160	182	152	93
Wet Water Years	47	61	-29	-47	-71	-24	50	118	159	181	149	90
Above Normal Water Years	42	61	17	-8	-83	2	81	122	162	180	148	90
Below Normal Water Years	52	78	31	30	-46	8	70	116	162	183	152	87
Dry Water Years	52	93	44	32	-58	12	79	121	161	184	159	103
Critical Water Years	54	107	60	76	-28	15	86	117	154	185	157	100

Table 5A-B5.3.3.5-C. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.3.5-D. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Monthly Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

B.3.4 Net Delta Outflow Index

Figure 5A-B5.3.4.1-A. North Delta Outflow Index Monthly Flow (NDOI), Probability of Exceedance for No Project Alternative, October to March

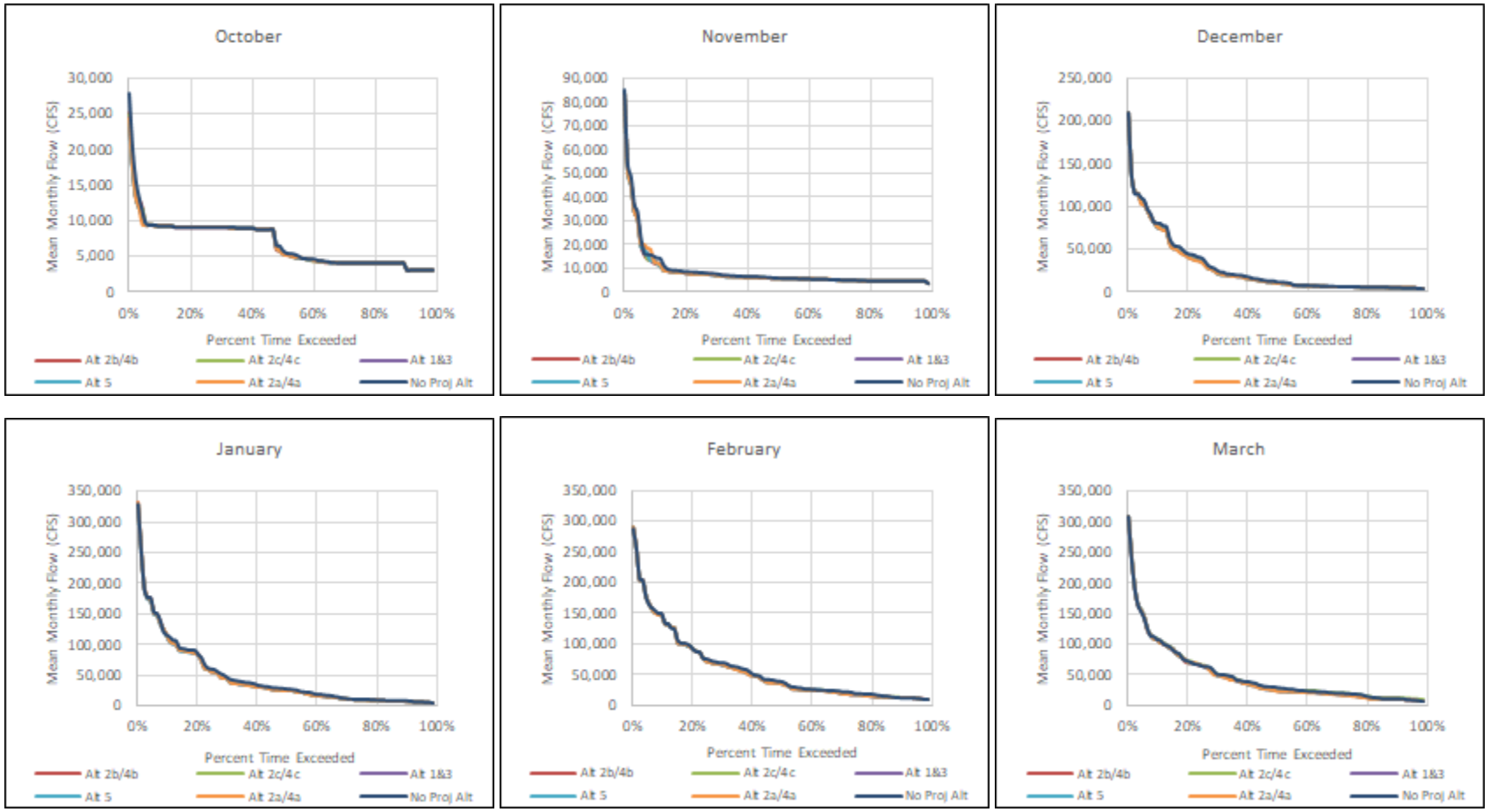


Figure 5A-B5.3.4.1-B. North Delta Outflow Index Monthly Flow (NDOI), Probability of Exceedance for No Project Alternative, April to September

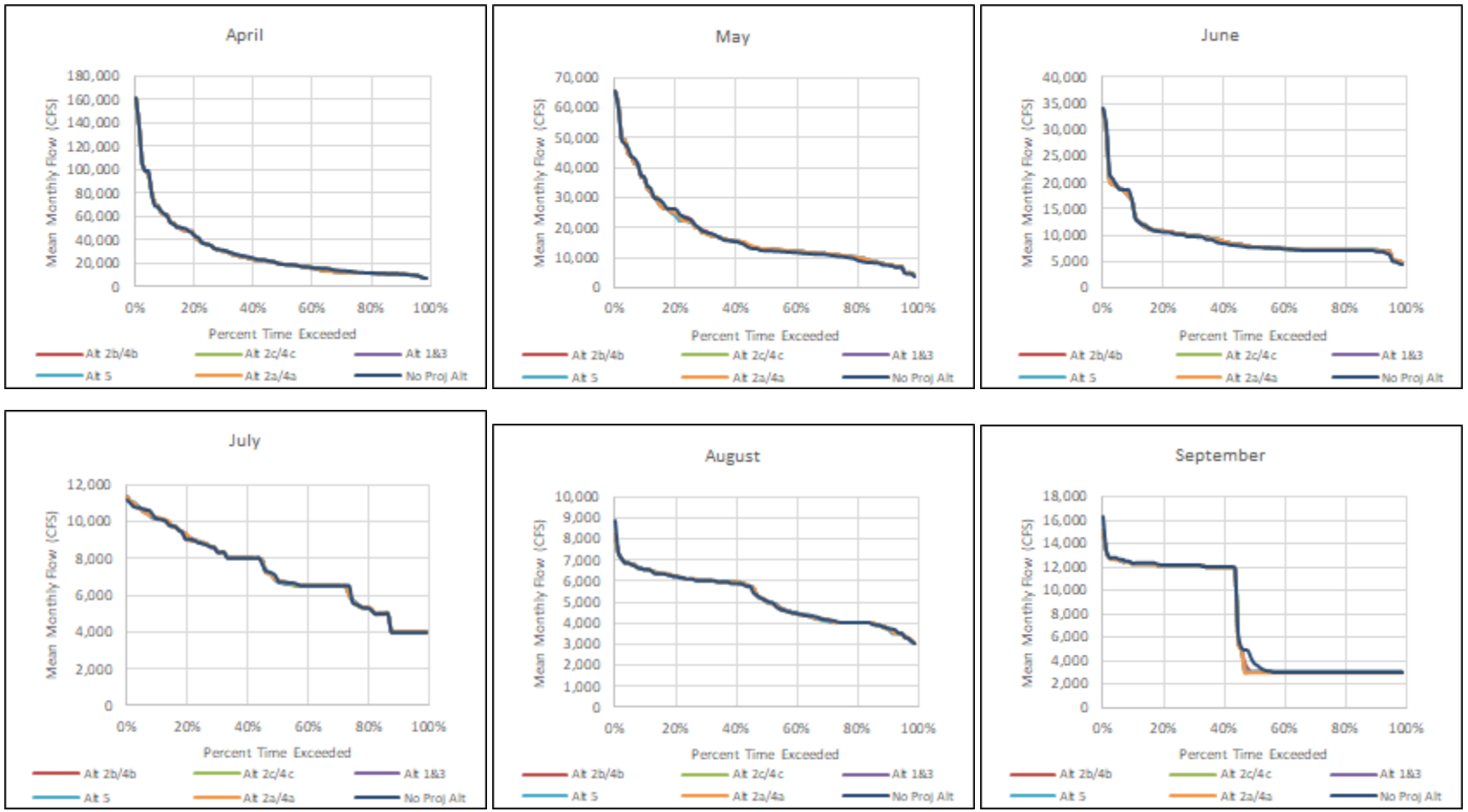


Table 5A-B5.3.4.1-A. Net Delta Outflow Index Monthly Flow (NDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,219	14,737	80,316	115,148	144,015	107,581	61,651	36,115	15,586	10,128	6,541	12,344
20%	9,063	8,457	44,797	86,697	92,429	72,973	44,111	26,328	10,639	9,039	6,216	12,188
30%	9,063	7,587	25,281	47,061	68,546	51,969	31,339	18,902	9,780	8,358	6,004	12,188
40%	8,906	6,428	17,665	35,263	51,749	39,281	24,632	15,578	8,448	8,000	5,863	12,031
50%	6,125	5,766	11,870	27,862	37,872	30,164	19,251	12,571	7,709	6,898	5,081	3,995
60%	4,558	5,377	7,294	19,410	25,184	24,424	16,590	11,991	7,415	6,500	4,458	3,000
70%	4,010	5,045	6,131	12,450	22,196	20,673	13,785	11,364	7,100	6,500	4,162	3,000
80%	4,000	4,601	5,462	9,957	17,458	16,668	11,864	9,877	7,100	5,317	4,000	3,000
90%	4,000	4,500	4,908	8,447	11,400	11,400	10,964	7,830	7,100	4,000	3,777	3,000

Table 5A-B5.3.4.1-B. Net Delta Outflow Index Monthly Flow (NDOI), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,966	9,182	28,318	48,611	58,831	49,894	30,200	18,086	9,664	7,279	5,144	7,324
Wet Water Years	8,078	14,470	56,442	98,077	104,508	90,338	53,033	27,789	12,810	9,368	6,168	12,326
Above Normal Water Years	8,465	6,402	23,890	50,131	74,543	59,289	25,410	19,829	11,402	8,568	6,761	12,587
Below Normal Water Years	6,506	7,023	13,735	21,104	34,659	26,383	20,355	14,340	7,814	6,667	4,307	3,479
Dry Water Years	6,020	5,630	8,574	15,019	23,823	23,402	14,563	10,827	7,424	5,472	4,540	3,000
Critical Water Years	4,883	5,549	8,930	10,225	14,651	13,475	10,579	6,678	6,331	4,003	3,631	3,000

Table 5A-B5.3.4.1-C. Net Delta Outflow Index Monthly Flow (NDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,219	12,026	78,096	113,215	142,759	107,816	61,359	35,424	15,626	10,161	6,541	12,344
20%	9,063	7,953	43,018	85,382	92,205	70,669	43,634	24,234	10,672	9,030	6,216	12,188
30%	9,063	6,960	23,112	45,272	65,605	50,303	30,526	18,896	9,813	8,364	6,004	12,188
40%	8,906	6,291	15,977	32,722	49,625	36,600	23,937	15,498	8,733	8,000	5,933	12,031
50%	5,594	5,669	10,195	25,909	34,912	26,768	19,251	12,754	7,673	6,837	5,068	3,004
60%	4,359	5,393	7,065	17,602	23,810	23,001	16,880	12,194	7,372	6,500	4,486	3,000
70%	4,000	5,040	5,973	11,486	19,389	19,430	13,740	11,370	7,100	6,500	4,162	3,000
80%	4,000	4,564	5,468	9,215	15,000	13,758	11,783	9,814	7,100	5,315	4,000	3,000
90%	4,000	4,500	4,500	7,540	11,296	11,400	10,955	7,821	7,100	4,000	3,795	3,000

Table 5A-B5.3.4.1-D. Net Delta Outflow Index Monthly Flow (NDOI), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,831	8,754	27,359	47,082	57,304	48,598	30,043	17,902	9,638	7,278	5,147	7,238
Wet Water Years	7,800	13,687	54,925	96,157	103,312	89,424	52,781	27,207	12,725	9,386	6,156	12,292
Above Normal Water Years	8,265	6,102	22,622	48,184	72,561	57,248	25,165	19,675	11,428	8,557	6,777	12,569
Below Normal Water Years	6,467	6,608	13,094	19,613	33,073	24,868	20,186	14,347	7,805	6,686	4,257	3,217
Dry Water Years	5,996	5,567	8,041	13,771	21,198	21,492	14,470	11,073	7,410	5,392	4,673	3,000
Critical Water Years	4,856	5,546	8,554	9,674	13,965	12,877	10,702	6,651	6,375	4,005	3,630	3,000

Table 5A-B5.3.4.1-E. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-2,711	-2,220	-1,934	-1,257	235	-292	-691	41	32	0	0
20%	0	-504	-1,780	-1,315	-225	-2,304	-477	-2,094	33	-8	0	0
30%	0	-627	-2,169	-1,789	-2,941	-1,666	-813	-6	33	6	0	0
40%	0	-138	-1,688	-2,541	-2,124	-2,681	-695	-80	285	0	71	0
50%	-531	-97	-1,674	-1,953	-2,960	-3,396	0	183	-36	-62	-13	-991
60%	-198	16	-229	-1,808	-1,373	-1,423	290	203	-43	0	28	0
70%	-10	-5	-158	-964	-2,807	-1,243	-45	6	0	0	0	0
80%	0	-37	6	-743	-2,458	-2,910	-80	-63	0	-2	0	0
90%	0	0	-408	-907	-104	0	-10	-8	0	0	19	0

Table 5A-B5.3.4.1-F. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-135	-428	-959	-1,529	-1,527	-1,296	-157	-184	-26	-1	3	-86
Wet Water Years	-278	-783	-1,517	-1,921	-1,196	-914	-252	-582	-85	18	-12	-34
Above Normal Water Years	-200	-300	-1,269	-1,947	-1,982	-2,041	-245	-154	26	-11	16	-17
Below Normal Water Years	-38	-415	-641	-1,491	-1,585	-1,515	-170	7	-9	19	-49	-262
Dry Water Years	-24	-64	-533	-1,248	-2,625	-1,910	-93	247	-14	-80	133	0
Critical Water Years	-27	-4	-376	-551	-686	-598	123	-27	44	2	-1	0

Table 5A-B5.3.4.2-A. Net Delta Outflow Index Monthly Flow (NDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,219	12,925	76,709	112,508	141,585	107,234	61,546	35,541	15,626	10,160	6,541	12,344
20%	9,063	8,158	42,181	84,629	92,213	71,387	43,894	24,180	10,672	9,077	6,216	12,188
30%	9,063	6,942	22,381	45,124	65,491	50,158	30,508	18,136	9,824	8,364	6,004	12,188
40%	8,906	6,279	15,681	32,408	48,761	36,171	23,936	15,498	8,733	8,000	5,933	12,031
50%	5,612	5,698	10,092	25,446	34,340	25,698	19,251	12,751	7,693	6,853	5,068	3,000
60%	4,360	5,454	7,068	16,961	23,870	22,959	16,880	12,173	7,372	6,500	4,476	3,000
70%	4,047	5,040	5,871	11,522	19,028	19,107	13,160	11,369	7,100	6,500	4,081	3,000
80%	4,000	4,557	5,428	9,193	14,597	13,758	11,729	10,091	7,100	5,315	4,000	3,000
90%	4,000	4,500	4,500	7,472	11,400	11,379	10,950	7,828	7,100	4,000	3,732	3,000

Table 5A-B5.3.4.2-B. Net Delta Outflow Index Monthly Flow (NDOI), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,818	8,774	27,045	46,635	56,927	48,281	30,022	17,869	9,652	7,274	5,142	7,227
Wet Water Years	7,755	13,560	54,310	95,402	103,141	89,338	52,819	27,082	12,748	9,382	6,156	12,292
Above Normal Water Years	8,260	6,688	22,239	47,556	71,585	56,540	25,227	19,697	11,419	8,573	6,777	12,552
Below Normal Water Years	6,468	6,547	12,940	19,269	32,597	24,263	20,185	14,289	7,833	6,678	4,242	3,183
Dry Water Years	5,996	5,547	8,029	13,573	20,737	21,095	14,158	11,227	7,408	5,374	4,669	3,000
Critical Water Years	4,875	5,765	8,418	9,702	13,779	12,933	10,747	6,670	6,370	4,013	3,626	3,000

Table 5A-B5.3.4.2-C. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-1,812	-3,607	-2,640	-2,430	-347	-105	-573	41	32	0	0
20%	0	-299	-2,616	-2,068	-216	-1,586	-217	-2,147	33	38	0	0
30%	0	-645	-2,899	-1,937	-3,055	-1,811	-831	-766	44	6	0	0
40%	0	-150	-1,984	-2,854	-2,988	-3,110	-696	-80	285	0	71	0
50%	-512	-68	-1,778	-2,416	-3,532	-4,466	0	181	-17	-45	-13	-995
60%	-198	78	-226	-2,449	-1,314	-1,465	290	182	-43	0	18	0
70%	37	-5	-260	-928	-3,169	-1,565	-625	5	0	0	-80	0
80%	0	-44	-34	-764	-2,862	-2,911	-135	214	0	-2	0	0
90%	0	0	-408	-975	0	-21	-14	-2	0	0	-44	0

Table 5A-B5.3.4.2-D. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-148	-408	-1,273	-1,976	-1,905	-1,613	-179	-216	-12	-5	-2	-97
Wet Water Years	-323	-910	-2,132	-2,675	-1,367	-1,000	-213	-707	-63	14	-12	-34
Above Normal Water Years	-205	286	-1,651	-2,575	-2,958	-2,749	-183	-131	17	5	16	-35
Below Normal Water Years	-38	-475	-795	-1,835	-2,061	-2,120	-171	-51	19	11	-65	-295
Dry Water Years	-24	-84	-545	-1,446	-3,087	-2,307	-405	401	-16	-97	129	0
Critical Water Years	-8	215	-511	-523	-872	-542	168	-8	39	9	-5	0

Table 5A-B5.3.4.3-A. Net Delta Outflow Index Monthly Flow (NDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,219	12,716	75,433	112,438	141,652	106,923	61,730	35,617	15,626	10,171	6,541	12,344
20%	9,063	7,934	41,422	84,078	91,870	72,156	44,065	24,181	10,672	9,221	6,216	12,188
30%	9,063	7,025	21,737	44,726	64,771	50,155	30,640	18,133	9,823	8,369	6,004	12,188
40%	8,906	6,193	15,532	32,229	47,979	35,946	23,937	15,498	8,740	8,000	5,930	12,031
50%	5,496	5,696	10,168	25,133	34,357	25,042	19,460	12,800	7,678	6,744	5,051	3,000
60%	4,360	5,507	7,072	16,774	23,398	22,174	15,955	12,135	7,387	6,500	4,475	3,000
70%	4,010	4,965	5,974	11,518	18,747	19,098	12,399	11,376	7,100	6,500	4,120	3,000
80%	4,000	4,577	5,363	9,135	13,901	13,715	11,675	10,240	7,100	5,316	4,000	3,000
90%	4,000	4,500	4,503	7,464	11,400	11,371	10,850	7,846	7,100	4,000	3,785	3,000

Table 5A-B5.3.4.3-B. Net Delta Outflow Index Monthly Flow (NDOI), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,792	8,773	26,799	46,309	56,708	48,110	29,853	17,913	9,632	7,274	5,143	7,226
Wet Water Years	7,698	13,594	53,835	94,827	103,155	89,631	52,890	27,114	12,707	9,391	6,154	12,292
Above Normal Water Years	8,255	6,720	22,020	47,174	71,319	55,963	25,255	19,711	11,417	8,578	6,777	12,552
Below Normal Water Years	6,465	6,521	12,813	19,056	32,160	23,896	19,954	14,353	7,809	6,668	4,248	3,176
Dry Water Years	5,985	5,535	8,021	13,421	20,433	20,463	13,800	11,309	7,409	5,380	4,650	3,004
Critical Water Years	4,852	5,709	8,245	9,653	13,528	12,755	10,124	6,678	6,383	4,000	3,653	3,000

Table 5A-B5.3.4.3-C. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-2,022	-4,883	-2,711	-2,363	-658	80	-498	41	43	0	0
20%	0	-522	-3,375	-2,619	-559	-817	-46	-2,147	33	182	0	0
30%	0	-563	-3,544	-2,335	-3,775	-1,814	-699	-769	43	11	0	0
40%	0	-235	-2,133	-3,034	-3,770	-3,336	-694	-80	292	0	67	0
50%	-628	-70	-1,702	-2,729	-3,515	-5,122	209	229	-32	-155	-30	-995
60%	-197	130	-222	-2,636	-1,786	-2,250	-635	144	-28	0	17	0
70%	0	-80	-158	-931	-3,449	-1,575	-1,386	12	0	0	-42	0
80%	0	-24	-98	-822	-3,557	-2,953	-189	364	0	-1	0	0
90%	0	0	-405	-983	0	-29	-115	16	0	0	9	0

Table 5A-B5.3.4.3-D. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-174	-410	-1,519	-2,302	-2,123	-1,784	-347	-173	-32	-5	-1	-98
Wet Water Years	-380	-876	-2,608	-3,250	-1,353	-706	-143	-675	-103	23	-14	-34
Above Normal Water Years	-210	318	-1,871	-2,957	-3,224	-3,326	-155	-118	15	10	16	-35
Below Normal Water Years	-41	-502	-922	-2,048	-2,499	-2,487	-401	13	-5	1	-59	-303
Dry Water Years	-35	-95	-553	-1,598	-3,390	-2,940	-763	482	-16	-92	110	4
Critical Water Years	-31	159	-685	-572	-1,123	-720	-455	0	52	-3	22	0

Table 5A-B5.3.4.4-A. Net Delta Outflow Index Monthly Flow (NDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,219	12,697	75,616	112,664	141,533	106,726	61,405	35,734	15,626	10,182	6,541	12,344
20%	9,063	7,930	40,919	83,825	91,664	72,199	44,065	24,839	10,672	9,240	6,233	12,188
30%	9,063	7,022	22,110	44,922	65,731	50,112	30,503	18,126	9,793	8,382	6,004	12,188
40%	8,906	6,090	15,492	30,833	47,463	36,048	23,934	15,498	8,740	8,000	5,932	12,031
50%	5,494	5,666	10,168	24,956	34,350	24,386	19,461	13,012	7,674	6,817	5,093	3,000
60%	4,462	5,518	7,083	16,695	23,308	21,686	15,955	12,134	7,389	6,500	4,442	3,000
70%	4,000	4,985	5,962	11,626	18,654	18,449	12,465	11,361	7,100	6,500	4,178	3,000
80%	4,000	4,554	5,362	9,085	13,903	13,204	11,696	10,214	7,100	5,317	4,000	3,000
90%	4,000	4,500	4,500	7,464	11,400	11,377	10,849	7,887	7,100	4,000	3,786	3,000

Table 5A-B5.3.4.4-B. Net Delta Outflow Index Monthly Flow (NDOI), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,785	8,863	26,698	46,127	56,597	47,914	29,859	17,983	9,627	7,281	5,147	7,226
Wet Water Years	7,673	13,856	53,725	94,472	103,080	89,675	52,872	27,213	12,691	9,395	6,154	12,293
Above Normal Water Years	8,258	6,714	21,820	47,082	71,101	55,573	25,289	19,730	11,411	8,598	6,769	12,569
Below Normal Water Years	6,469	6,512	12,701	18,937	32,046	23,731	19,958	14,361	7,810	6,681	4,248	3,173
Dry Water Years	5,985	5,516	8,024	13,281	20,251	19,656	13,840	11,538	7,392	5,378	4,678	3,000
Critical Water Years	4,856	5,742	8,142	9,696	13,492	12,695	10,139	6,655	6,405	4,000	3,659	3,000

Table 5A-B5.3.4.4-C. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-2,040	-4,700	-2,485	-2,482	-855	-246	-380	41	54	0	0
20%	0	-526	-3,878	-2,872	-765	-775	-46	-1,488	33	201	17	0
30%	0	-565	-3,170	-2,139	-2,816	-1,857	-836	-776	12	24	0	0
40%	0	-339	-2,173	-4,430	-4,286	-3,233	-697	-80	292	0	69	0
50%	-630	-100	-1,702	-2,906	-3,522	-5,778	210	442	-35	-81	12	-995
60%	-96	141	-211	-2,715	-1,876	-2,738	-635	143	-26	0	-16	0
70%	-10	-60	-169	-823	-3,542	-2,223	-1,321	-2	0	0	16	0
80%	0	-47	-99	-873	-3,555	-3,464	-168	337	0	-1	0	0
90%	0	0	-408	-984	0	-23	-115	58	0	0	10	0

Table 5A-B5.3.4.4-D. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-181	-319	-1,621	-2,484	-2,234	-1,979	-341	-103	-37	2	4	-98
Wet Water Years	-405	-614	-2,718	-3,605	-1,428	-663	-161	-577	-119	28	-14	-33
Above Normal Water Years	-207	312	-2,070	-3,049	-3,442	-3,715	-121	-99	9	30	8	-17
Below Normal Water Years	-37	-510	-1,034	-2,167	-2,613	-2,652	-397	21	-4	14	-59	-306
Dry Water Years	-35	-115	-550	-1,739	-3,573	-3,746	-722	712	-33	-93	138	0
Critical Water Years	-28	192	-788	-529	-1,159	-780	-440	-23	74	-3	27	0

Table 5A-B5.3.4.5-A. Net Delta Outflow Index Monthly Flow (NDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,219	12,606	75,116	112,055	141,754	106,923	61,730	35,659	15,626	10,171	6,541	12,344
20%	9,063	7,935	41,423	84,412	91,869	72,158	44,065	24,181	10,672	9,221	6,216	12,188
30%	9,063	7,021	21,737	44,693	64,902	49,462	30,649	18,133	9,823	8,369	6,004	12,188
40%	8,906	6,201	15,532	32,228	47,979	35,946	23,937	15,498	8,740	8,000	5,930	12,031
50%	5,496	5,696	10,168	25,133	34,357	25,042	19,460	12,800	7,678	6,744	5,051	3,000
60%	4,360	5,507	7,071	16,808	23,398	22,174	15,955	12,134	7,387	6,500	4,472	3,000
70%	4,009	4,965	5,973	11,518	18,747	19,098	12,399	11,376	7,100	6,500	4,120	3,000
80%	4,000	4,577	5,363	9,135	13,901	13,715	11,675	10,240	7,100	5,316	4,000	3,000
90%	4,000	4,500	4,503	7,463	11,400	11,372	10,850	7,846	7,100	4,000	3,785	3,000

Table 5A-B5.3.4.5-B. Net Delta Outflow Index Monthly Flow (NDOI), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,782	8,736	26,784	46,290	56,682	48,100	29,855	17,923	9,632	7,274	5,143	7,226
Wet Water Years	7,670	13,523	53,812	94,776	103,137	89,657	52,897	27,141	12,705	9,391	6,154	12,292
Above Normal Water Years	8,255	6,658	21,969	47,152	71,311	55,927	25,255	19,718	11,417	8,578	6,777	12,552
Below Normal Water Years	6,465	6,500	12,806	19,055	32,093	23,838	19,954	14,353	7,809	6,668	4,248	3,176
Dry Water Years	5,985	5,535	8,021	13,420	20,433	20,463	13,800	11,309	7,409	5,380	4,650	3,004
Critical Water Years	4,852	5,708	8,245	9,666	13,528	12,755	10,124	6,678	6,383	4,000	3,653	3,000

Table 5A-B5.3.4.5-C. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-2,131	-5,200	-3,094	-2,261	-658	80	-456	41	43	0	0
20%	0	-522	-3,374	-2,285	-560	-815	-46	-2,147	33	182	0	0
30%	0	-566	-3,544	-2,368	-3,644	-2,507	-690	-769	43	11	0	0
40%	0	-227	-2,133	-3,035	-3,770	-3,336	-694	-80	292	0	67	0
50%	-629	-70	-1,702	-2,729	-3,515	-5,122	209	229	-32	-155	-30	-995
60%	-197	130	-223	-2,602	-1,785	-2,250	-635	144	-28	0	14	0
70%	0	-80	-158	-932	-3,449	-1,575	-1,386	12	0	0	-42	0
80%	0	-24	-98	-822	-3,557	-2,953	-189	363	0	-1	0	0
90%	0	0	-405	-984	0	-28	-115	16	0	0	9	0

Table 5A-B5.3.4.5-D. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-184	-446	-1,534	-2,321	-2,149	-1,794	-345	-163	-33	-5	-1	-98
Wet Water Years	-408	-947	-2,630	-3,302	-1,371	-681	-136	-648	-105	23	-14	-34
Above Normal Water Years	-210	256	-1,921	-2,980	-3,232	-3,361	-155	-111	15	10	16	-35
Below Normal Water Years	-41	-523	-929	-2,049	-2,566	-2,545	-401	13	-6	1	-59	-303
Dry Water Years	-35	-96	-553	-1,599	-3,390	-2,940	-763	482	-16	-92	110	4
Critical Water Years	-31	159	-684	-559	-1,124	-720	-455	0	52	-3	22	0

B.3.5 Net Delta Outflow

Figure 5A-B5.3.5.1-A. Net Delta Outflow Monthly Flow (C_SAC000), Probability of Exceedance for No Project Alternative, October to March

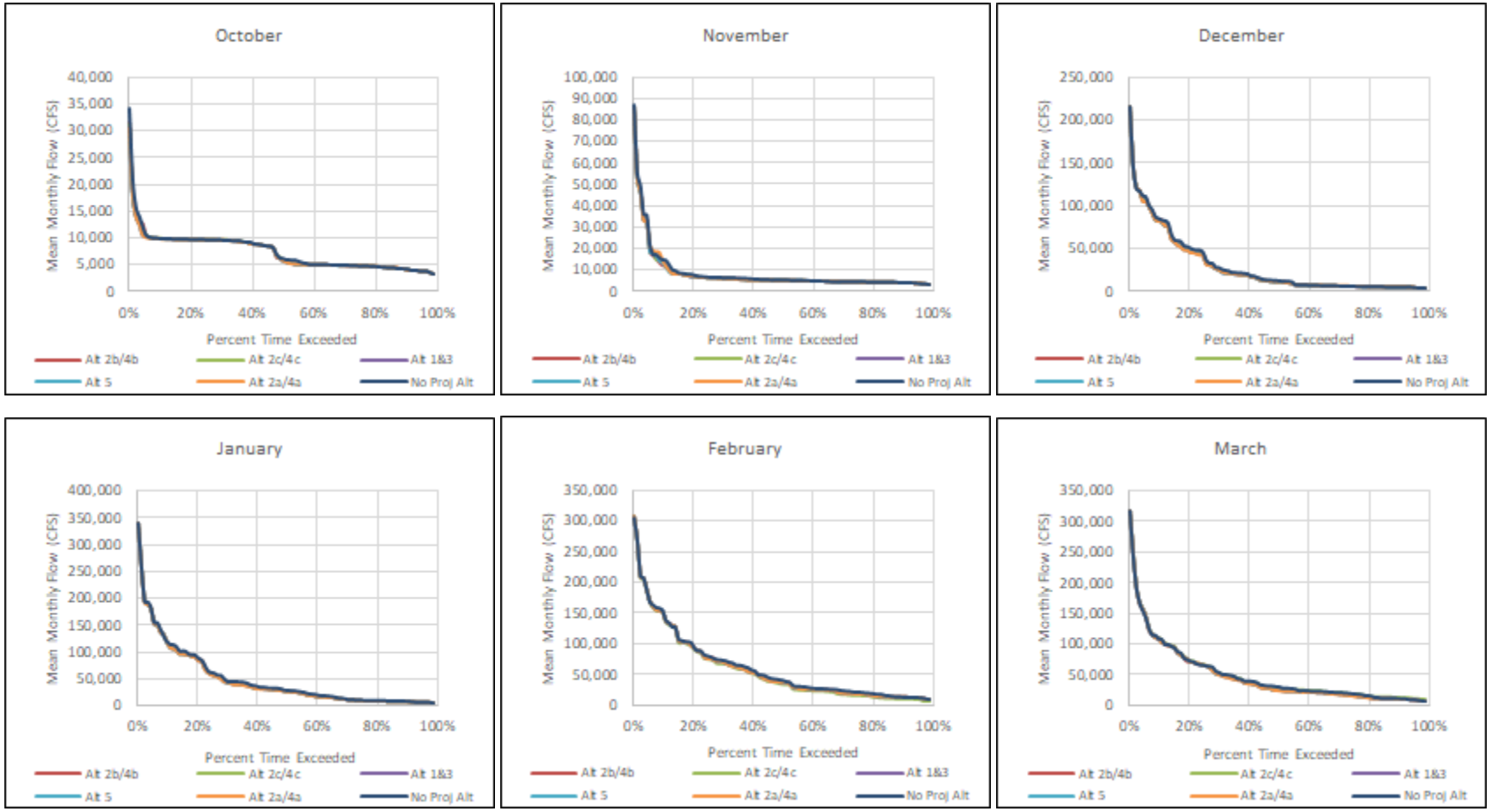


Figure 5A-B5.3.5.1-B. Net Delta Outflow Monthly Flow (C_SAC000), Probability of Exceedance for No Project Alternative, April to September

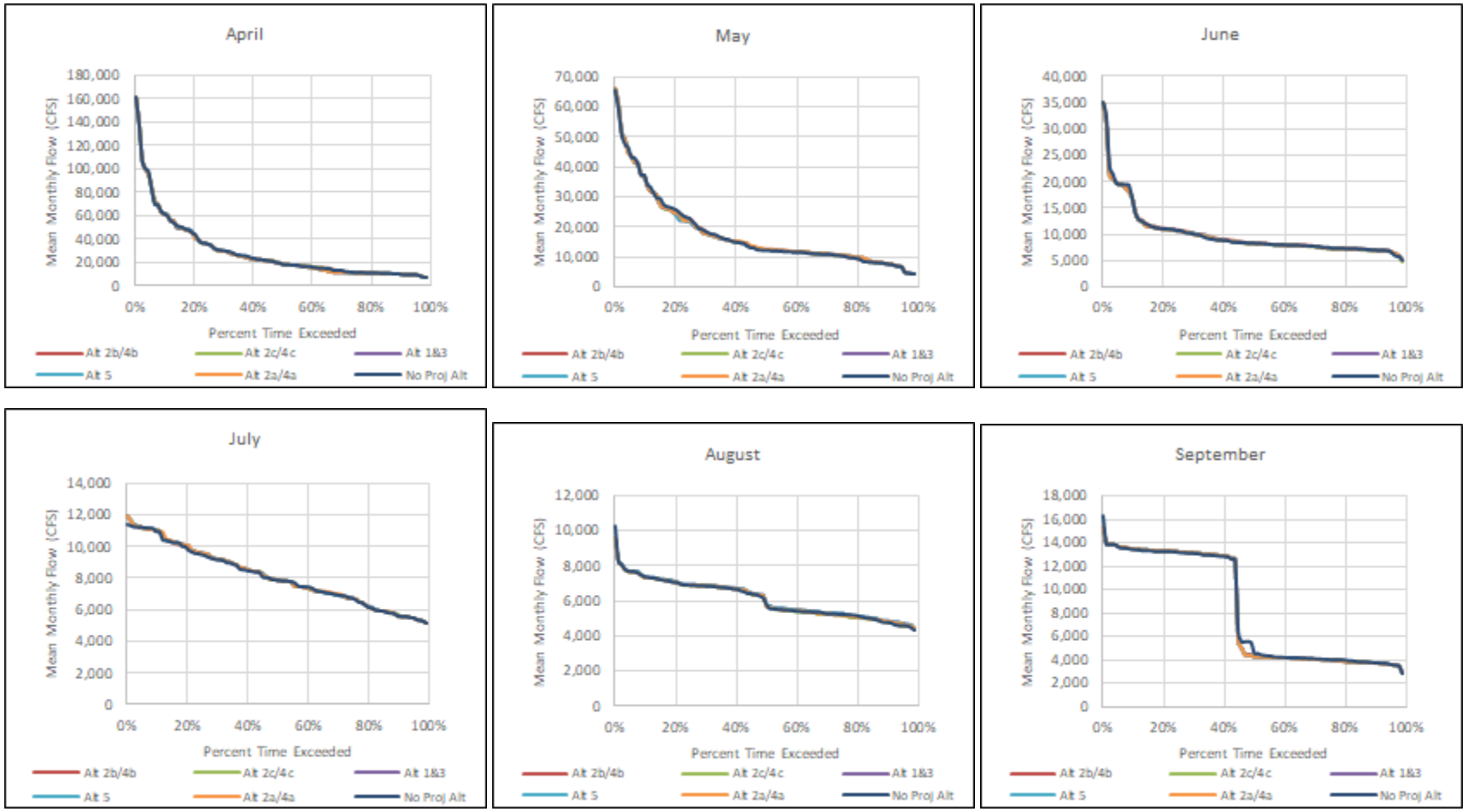


Table 5A-B5.3.5.1-A. Net Delta Outflow Monthly Flow (C_SAC000), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,878	14,608	84,333	117,247	147,976	108,586	61,576	36,598	16,140	10,990	7,368	13,440
20%	9,713	7,663	51,104	89,672	95,154	73,656	44,634	26,080	11,109	9,897	7,050	13,262
30%	9,581	6,370	27,698	45,010	71,823	54,479	30,564	18,819	10,059	9,180	6,850	13,113
40%	9,121	5,814	19,848	35,656	55,416	40,163	23,944	15,186	8,904	8,494	6,672	12,865
50%	6,168	5,243	12,429	27,981	39,115	30,843	19,115	12,409	8,350	7,879	5,994	5,012
60%	4,989	4,902	7,318	19,844	26,091	24,271	16,584	11,853	8,014	7,430	5,456	4,201
70%	4,872	4,397	6,322	12,187	22,376	21,430	13,276	11,140	7,797	6,927	5,317	4,094
80%	4,625	4,291	5,557	8,447	17,763	16,488	11,170	9,833	7,356	6,210	5,214	3,976
90%	4,196	4,105	4,980	7,574	11,534	11,709	10,528	8,093	7,044	5,627	4,817	3,753

Table 5A-B5.3.5.1-B. Net Delta Outflow Monthly Flow (C_SAC000), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7,554	8,680	29,936	49,743	60,994	50,631	29,992	18,080	10,137	8,101	6,123	8,239
Wet Water Years	8,758	14,136	59,293	101,160	108,001	91,636	53,283	27,915	13,330	10,047	7,013	13,220
Above Normal Water Years	8,722	5,773	25,203	51,186	77,226	59,887	25,111	19,774	11,748	9,126	7,665	13,633
Below Normal Water Years	7,135	6,406	14,643	21,523	36,315	26,684	19,833	14,220	8,019	7,401	5,326	4,425
Dry Water Years	6,612	5,013	9,453	14,435	24,850	23,975	13,982	10,695	7,814	6,398	5,506	3,773
Critical Water Years	5,376	5,063	9,788	9,605	15,192	13,912	10,288	6,744	7,450	5,482	4,962	3,970

Table 5A-B5.3.5.1-C. Net Delta Outflow Monthly Flow (C_SAC000), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,878	11,978	83,325	115,969	147,555	108,821	61,231	35,978	16,181	11,032	7,339	13,440
20%	9,701	6,843	48,788	86,805	94,638	71,956	43,812	24,422	11,130	9,869	7,076	13,263
30%	9,581	6,205	26,032	43,165	68,782	52,812	30,014	18,813	10,186	9,181	6,869	13,112
40%	8,869	5,399	18,765	32,962	53,291	37,450	23,438	15,192	8,993	8,533	6,701	12,866
50%	5,987	5,154	11,028	26,084	36,410	27,513	18,994	12,699	8,349	7,852	6,031	4,395
60%	4,964	4,873	6,998	17,499	24,731	23,160	16,871	11,917	8,014	7,368	5,490	4,168
70%	4,842	4,419	6,201	11,234	19,189	19,727	13,135	11,147	7,772	6,947	5,286	4,042
80%	4,634	4,247	5,466	7,849	15,261	14,528	11,109	9,859	7,303	6,212	5,089	3,909
90%	4,211	4,076	4,882	6,800	11,486	11,194	10,415	7,959	7,052	5,643	4,841	3,735

Table 5A-B5.3.5.1-D. Net Delta Outflow Monthly Flow (C_SAC000), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7,419	8,252	28,977	48,215	59,468	49,335	29,836	17,897	10,112	8,101	6,123	8,154
Wet Water Years	8,479	13,354	57,777	99,238	106,806	90,723	53,032	27,334	13,247	10,065	7,001	13,188
Above Normal Water Years	8,518	5,474	23,936	49,244	75,243	57,846	24,864	19,620	11,773	9,128	7,673	13,616
Below Normal Water Years	7,096	5,990	14,000	20,032	34,729	25,169	19,664	14,229	8,011	7,420	5,269	4,164
Dry Water Years	6,588	4,950	8,916	13,192	22,225	22,065	13,898	10,942	7,800	6,316	5,639	3,773
Critical Water Years	5,350	5,059	9,413	9,054	14,505	13,314	10,411	6,717	7,493	5,483	4,961	3,970

Table 5A-B5.3.5.1-E. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-2,631	-1,009	-1,278	-421	235	-345	-620	40	42	-29	0
20%	-12	-820	-2,316	-2,867	-516	-1,700	-823	-1,659	21	-27	26	0
30%	0	-165	-1,665	-1,846	-3,041	-1,667	-551	-6	127	1	19	0
40%	-252	-414	-1,083	-2,694	-2,124	-2,713	-505	6	89	39	29	0
50%	-181	-89	-1,402	-1,898	-2,706	-3,330	-122	290	0	-27	37	-617
60%	-24	-29	-321	-2,344	-1,360	-1,111	287	64	0	-62	34	-33
70%	-30	22	-121	-952	-3,187	-1,702	-141	7	-25	20	-31	-52
80%	9	-44	-91	-598	-2,502	-1,960	-62	26	-52	2	-125	-67
90%	15	-29	-98	-773	-48	-515	-113	-134	8	16	24	-17

Table 5A-B5.3.5.1-F. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-135	-428	-959	-1,529	-1,526	-1,296	-155	-183	-25	0	0	-85
Wet Water Years	-279	-782	-1,516	-1,922	-1,195	-914	-252	-581	-83	18	-12	-32
Above Normal Water Years	-204	-299	-1,267	-1,942	-1,983	-2,041	-247	-154	26	2	8	-17
Below Normal Water Years	-38	-415	-642	-1,491	-1,586	-1,515	-169	9	-8	19	-57	-262
Dry Water Years	-24	-63	-536	-1,242	-2,625	-1,910	-84	247	-14	-82	133	0
Critical Water Years	-26	-4	-376	-551	-687	-598	123	-27	44	2	-1	0

Table 5A-B5.3.5.2-A. Net Delta Outflow Monthly Flow (C_SAC000), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,878	13,090	82,914	115,243	147,559	108,378	61,417	35,981	16,180	11,012	7,339	13,440
20%	9,701	7,098	47,696	86,562	93,956	72,649	43,288	24,422	11,082	9,910	7,076	13,263
30%	9,581	6,154	25,628	43,017	68,461	51,996	29,995	17,838	10,298	9,181	6,870	13,112
40%	8,869	5,357	18,736	32,473	52,606	36,837	23,389	15,230	8,993	8,532	6,701	12,866
50%	6,040	5,153	10,798	25,830	35,498	26,055	18,994	12,660	8,349	7,852	6,021	4,289
60%	4,964	4,906	7,046	16,788	24,699	23,149	16,873	11,926	8,031	7,390	5,429	4,164
70%	4,843	4,419	6,198	11,262	18,827	19,069	13,067	11,123	7,829	6,904	5,286	4,038
80%	4,694	4,253	5,388	7,783	15,636	14,527	11,106	10,049	7,316	6,210	5,087	3,909
90%	4,190	4,076	4,882	6,801	11,545	11,195	10,406	8,093	7,119	5,704	4,857	3,735

Table 5A-B5.3.5.2-B. Net Delta Outflow Monthly Flow (C_SAC000), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7,405	8,272	28,662	47,770	59,090	49,018	29,814	17,865	10,125	8,098	6,117	8,143
Wet Water Years	8,434	13,227	57,160	98,485	106,634	90,637	53,071	27,208	13,270	10,061	7,001	13,188
Above Normal Water Years	8,514	6,056	23,553	48,616	74,268	57,138	24,929	19,642	11,765	9,145	7,673	13,599
Below Normal Water Years	7,097	5,930	13,847	19,688	34,254	24,564	19,663	14,171	8,039	7,415	5,252	4,131
Dry Water Years	6,588	4,930	8,901	12,994	21,764	21,668	13,581	11,096	7,794	6,301	5,636	3,773
Critical Water Years	5,367	5,278	9,277	9,082	14,318	13,370	10,455	6,737	7,489	5,491	4,957	3,970

Table 5A-B5.3.5.2-C. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-1,518	-1,419	-2,003	-417	-208	-158	-617	40	22	-29	0
20%	-12	-565	-3,408	-3,110	-1,197	-1,007	-1,347	-1,658	-27	14	26	0
30%	0	-216	-2,069	-1,994	-3,362	-2,482	-569	-982	239	1	20	0
40%	-251	-457	-1,112	-3,183	-2,809	-3,327	-555	43	90	39	29	0
50%	-128	-90	-1,632	-2,151	-3,617	-4,788	-121	250	-1	-27	27	-724
60%	-24	4	-272	-3,056	-1,392	-1,121	289	74	17	-41	-26	-38
70%	-29	22	-124	-925	-3,549	-2,361	-209	-17	32	-23	-31	-55
80%	69	-39	-169	-663	-2,127	-1,961	-64	216	-40	0	-127	-67
90%	-7	-29	-98	-772	11	-515	-122	0	75	78	40	-18

Table 5A-B5.3.5.2-D. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-149	-409	-1,274	-1,974	-1,904	-1,613	-178	-216	-12	-3	-5	-96
Wet Water Years	-324	-909	-2,133	-2,674	-1,367	-999	-213	-707	-60	14	-12	-33
Above Normal Water Years	-208	283	-1,650	-2,570	-2,958	-2,749	-182	-131	17	18	8	-35
Below Normal Water Years	-38	-476	-795	-1,836	-2,062	-2,120	-170	-49	21	14	-75	-295
Dry Water Years	-24	-83	-551	-1,440	-3,085	-2,307	-401	401	-20	-97	130	0
Critical Water Years	-9	215	-511	-523	-873	-542	167	-8	39	9	-5	0

Table 5A-B5.3.5.3-A. Net Delta Outflow Monthly Flow (C_SAC000), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,877	12,833	82,004	115,217	148,066	107,929	61,690	35,999	16,181	10,957	7,340	13,441
20%	9,700	6,837	46,772	85,939	93,308	73,411	43,339	24,423	11,059	10,054	7,076	13,263
30%	9,581	6,052	25,158	42,879	68,755	51,986	29,991	17,837	10,339	9,181	6,867	13,112
40%	8,869	5,303	18,738	32,198	52,073	36,190	23,392	15,437	8,925	8,532	6,699	12,867
50%	5,912	5,124	10,734	25,795	35,700	25,586	19,207	12,656	8,349	7,852	6,009	4,289
60%	4,968	4,865	6,983	16,601	24,700	22,492	15,749	11,919	8,031	7,396	5,477	4,164
70%	4,841	4,419	6,191	11,259	18,555	19,052	11,635	11,205	7,831	6,902	5,286	4,038
80%	4,702	4,253	5,404	7,745	14,588	14,484	11,115	10,212	7,328	6,211	5,087	3,863
90%	4,190	4,076	4,952	6,806	11,541	11,195	10,400	8,093	7,121	5,603	4,817	3,735

Table 5A-B5.3.5.3-B. Net Delta Outflow Monthly Flow (C_SAC000), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7,380	8,270	28,415	47,444	58,871	48,848	29,646	17,909	10,106	8,099	6,118	8,142
Wet Water Years	8,377	13,261	56,684	97,911	106,648	90,931	53,143	27,241	13,229	10,071	6,999	13,188
Above Normal Water Years	8,509	6,086	23,335	48,235	74,003	56,563	24,958	19,657	11,763	9,149	7,674	13,599
Below Normal Water Years	7,094	5,903	13,720	19,475	33,817	24,197	19,433	14,235	8,015	7,409	5,256	4,122
Dry Water Years	6,576	4,918	8,893	12,842	21,461	21,036	13,223	11,177	7,795	6,306	5,617	3,778
Critical Water Years	5,344	5,222	9,104	9,033	14,067	13,192	9,834	6,744	7,502	5,478	4,984	3,970

Table 5A-B5.3.5.3-C. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-1	-1,775	-2,329	-2,030	90	-657	115	-599	40	-33	-29	0
20%	-13	-826	-4,332	-3,733	-1,846	-245	-1,295	-1,657	-50	157	26	1
30%	0	-317	-2,539	-2,131	-3,068	-2,492	-574	-982	280	1	17	0
40%	-251	-510	-1,110	-3,458	-3,343	-3,973	-552	250	21	39	27	1
50%	-257	-119	-1,695	-2,187	-3,416	-5,257	91	246	0	-27	16	-724
60%	-21	-37	-336	-3,243	-1,391	-1,779	-835	66	17	-34	21	-37
70%	-31	22	-131	-928	-3,821	-2,378	-1,641	65	34	-25	-31	-55
80%	77	-39	-153	-702	-3,175	-2,004	-55	379	-28	0	-127	-113
90%	-7	-29	-29	-768	7	-514	-128	0	77	-23	0	-17

Table 5A-B5.3.5.3-D. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-174	-410	-1,521	-2,300	-2,123	-1,783	-346	-172	-31	-2	-4	-98
Wet Water Years	-380	-875	-2,609	-3,248	-1,353	-705	-141	-674	-101	23	-14	-32
Above Normal Water Years	-213	313	-1,868	-2,951	-3,223	-3,324	-153	-117	15	23	9	-35
Below Normal Water Years	-41	-502	-923	-2,048	-2,499	-2,487	-400	15	-3	8	-71	-303
Dry Water Years	-35	-95	-560	-1,592	-3,388	-2,939	-759	482	-20	-92	111	5
Critical Water Years	-32	159	-684	-572	-1,125	-720	-454	0	52	-4	22	0

Table 5A-B5.3.5.4-A. Net Delta Outflow Monthly Flow (C_SAC000), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,838	13,542	81,379	115,351	146,576	107,722	61,526	36,028	16,180	10,961	7,340	13,441
20%	9,698	7,054	45,963	85,655	93,104	73,434	42,954	24,754	11,059	10,058	7,076	13,263
30%	9,556	6,068	24,850	43,040	68,963	50,656	29,982	17,837	10,070	9,180	6,879	13,113
40%	8,869	5,303	18,424	30,706	51,631	35,948	23,397	15,449	8,925	8,534	6,701	12,867
50%	5,920	5,069	10,803	25,738	35,530	24,783	19,275	12,802	8,345	7,852	5,994	4,289
60%	4,975	4,867	6,979	16,469	24,362	22,243	15,750	11,927	8,031	7,335	5,462	4,164
70%	4,843	4,510	6,198	11,297	18,456	18,710	11,650	11,221	7,834	6,987	5,286	4,039
80%	4,710	4,253	5,404	7,708	14,590	13,603	11,121	10,086	7,333	6,210	5,111	3,863
90%	4,190	4,078	4,919	6,792	11,482	11,195	10,344	8,090	7,070	5,604	4,863	3,722

Table 5A-B5.3.5.4-B. Net Delta Outflow Monthly Flow (C_SAC000), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7,373	8,360	28,312	47,262	58,761	48,653	29,652	17,979	10,101	8,107	6,122	8,141
Wet Water Years	8,353	13,523	56,566	97,557	106,575	90,975	53,126	27,340	13,215	10,076	7,000	13,189
Above Normal Water Years	8,512	6,078	23,136	48,144	73,786	56,176	24,986	19,677	11,758	9,181	7,663	13,617
Below Normal Water Years	7,098	5,894	13,609	19,356	33,701	24,032	19,438	14,244	8,017	7,422	5,255	4,116
Dry Water Years	6,576	4,899	8,895	12,702	21,275	20,230	13,263	11,407	7,778	6,304	5,645	3,774
Critical Water Years	5,349	5,255	9,001	9,076	14,032	13,132	9,848	6,721	7,524	5,478	4,990	3,970

Table 5A-B5.3.5.4-C. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-40	-1,066	-2,955	-1,896	-1,400	-864	-50	-570	40	-29	-28	1
20%	-15	-609	-5,140	-4,017	-2,050	-222	-1,681	-1,326	-50	161	26	1
30%	-24	-302	-2,847	-1,971	-2,860	-3,822	-582	-983	11	0	29	0
40%	-251	-511	-1,424	-4,949	-3,784	-4,215	-547	263	21	40	29	2
50%	-248	-174	-1,626	-2,243	-3,586	-6,059	160	393	-5	-27	1	-724
60%	-13	-36	-339	-3,375	-1,729	-2,028	-835	74	17	-95	7	-37
70%	-29	113	-124	-890	-3,920	-2,720	-1,626	81	37	60	-32	-55
80%	85	-38	-153	-739	-3,173	-2,885	-49	253	-23	0	-102	-113
90%	-7	-27	-61	-781	-52	-514	-184	-3	25	-23	46	-30

Table 5A-B5.3.5.4-D. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-181	-320	-1,625	-2,481	-2,234	-1,978	-340	-101	-36	7	0	-98
Wet Water Years	-405	-613	-2,727	-3,603	-1,426	-661	-158	-575	-115	29	-13	-31
Above Normal Water Years	-210	305	-2,066	-3,041	-3,440	-3,712	-125	-97	11	55	-2	-17
Below Normal Water Years	-37	-512	-1,034	-2,167	-2,614	-2,652	-395	24	-2	21	-71	-309
Dry Water Years	-36	-114	-557	-1,732	-3,575	-3,745	-719	712	-37	-94	139	1
Critical Water Years	-28	192	-788	-529	-1,160	-780	-440	-23	74	-4	27	0

Table 5A-B5.3.5.5-A. Net Delta Outflow Monthly Flow (C_SAC000), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,877	12,724	81,868	114,762	147,888	107,929	61,690	35,999	16,181	10,957	7,340	13,441
20%	9,700	6,834	46,772	86,050	93,307	73,441	43,339	24,423	11,059	10,054	7,076	13,263
30%	9,581	6,061	25,160	42,875	68,249	51,910	29,991	17,837	10,340	9,181	6,867	13,112
40%	8,869	5,303	18,738	32,197	52,076	36,191	23,392	15,437	8,925	8,532	6,699	12,867
50%	5,912	5,123	10,734	25,787	35,700	25,587	19,207	12,656	8,349	7,852	6,009	4,289
60%	4,968	4,865	6,983	16,635	24,700	22,491	15,749	11,919	8,031	7,396	5,477	4,164
70%	4,842	4,419	6,191	11,258	18,554	19,052	11,635	11,204	7,831	6,902	5,287	4,038
80%	4,701	4,253	5,404	7,746	14,588	14,484	11,115	10,211	7,328	6,211	5,086	3,863
90%	4,190	4,076	4,950	6,802	11,544	11,195	10,400	8,093	7,121	5,603	4,817	3,735

Table 5A-B5.3.5.5-B. Net Delta Outflow Monthly Flow (C_SAC000), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7,370	8,233	28,401	47,425	58,846	48,838	29,648	17,919	10,106	8,099	6,118	8,142
Wet Water Years	8,349	13,190	56,662	97,860	106,630	90,957	53,149	27,268	13,227	10,071	6,999	13,188
Above Normal Water Years	8,509	6,024	23,284	48,212	73,995	56,528	24,958	19,663	11,763	9,149	7,674	13,599
Below Normal Water Years	7,094	5,882	13,713	19,474	33,750	24,139	19,433	14,235	8,015	7,409	5,256	4,122
Dry Water Years	6,576	4,918	8,893	12,842	21,461	21,036	13,223	11,177	7,795	6,306	5,618	3,778
Critical Water Years	5,344	5,222	9,104	9,046	14,067	13,192	9,833	6,744	7,502	5,478	4,984	3,970

Table 5A-B5.3.5.5-C. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-1	-1,884	-2,465	-2,485	-88	-657	115	-599	40	-33	-29	0
20%	-13	-829	-4,332	-3,622	-1,846	-215	-1,295	-1,657	-50	157	26	1
30%	0	-309	-2,538	-2,135	-3,574	-2,569	-574	-982	280	1	17	0
40%	-251	-510	-1,110	-3,459	-3,340	-3,973	-552	250	21	39	27	1
50%	-257	-120	-1,695	-2,194	-3,416	-5,256	91	247	0	-27	16	-724
60%	-21	-38	-336	-3,209	-1,391	-1,779	-835	66	17	-34	21	-37
70%	-30	22	-131	-929	-3,822	-2,378	-1,641	64	34	-25	-30	-55
80%	76	-39	-154	-701	-3,175	-2,004	-55	378	-28	0	-127	-113
90%	-7	-29	-30	-771	10	-514	-128	0	77	-23	0	-17

Table 5A-B5.3.5.5-D. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-184	-447	-1,535	-2,319	-2,149	-1,794	-344	-162	-32	-2	-4	-98
Wet Water Years	-408	-946	-2,631	-3,300	-1,371	-679	-135	-647	-103	23	-14	-32
Above Normal Water Years	-213	251	-1,919	-2,974	-3,231	-3,359	-153	-110	16	23	9	-35
Below Normal Water Years	-41	-523	-930	-2,050	-2,566	-2,544	-400	15	-3	8	-71	-303
Dry Water Years	-35	-95	-559	-1,593	-3,388	-2,939	-759	482	-20	-92	111	5
Critical Water Years	-32	159	-684	-559	-1,125	-720	-454	0	52	-4	22	0

B.3.6 Old and Middle River

Figure 5A-B5.3.6.1-A. Old and Middle River Monthly Flow (C_OMR014), Probability of Exceedance for No Project Alternative, October to March

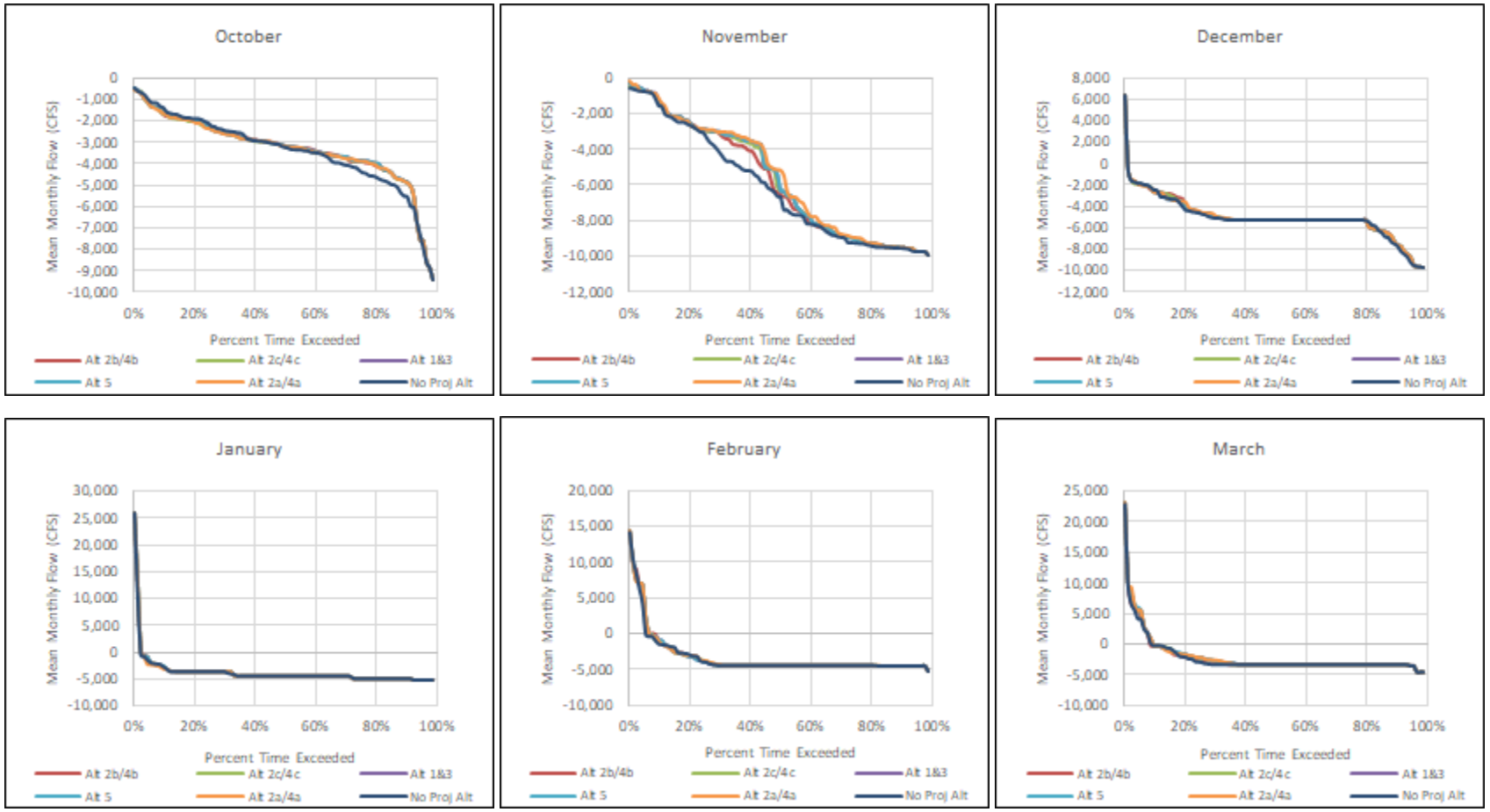


Figure 5A-B5.3.6.1-B. Old and Middle River Monthly Flow (C_OMR014), Probability of Exceedance for No Project Alternative, April to September

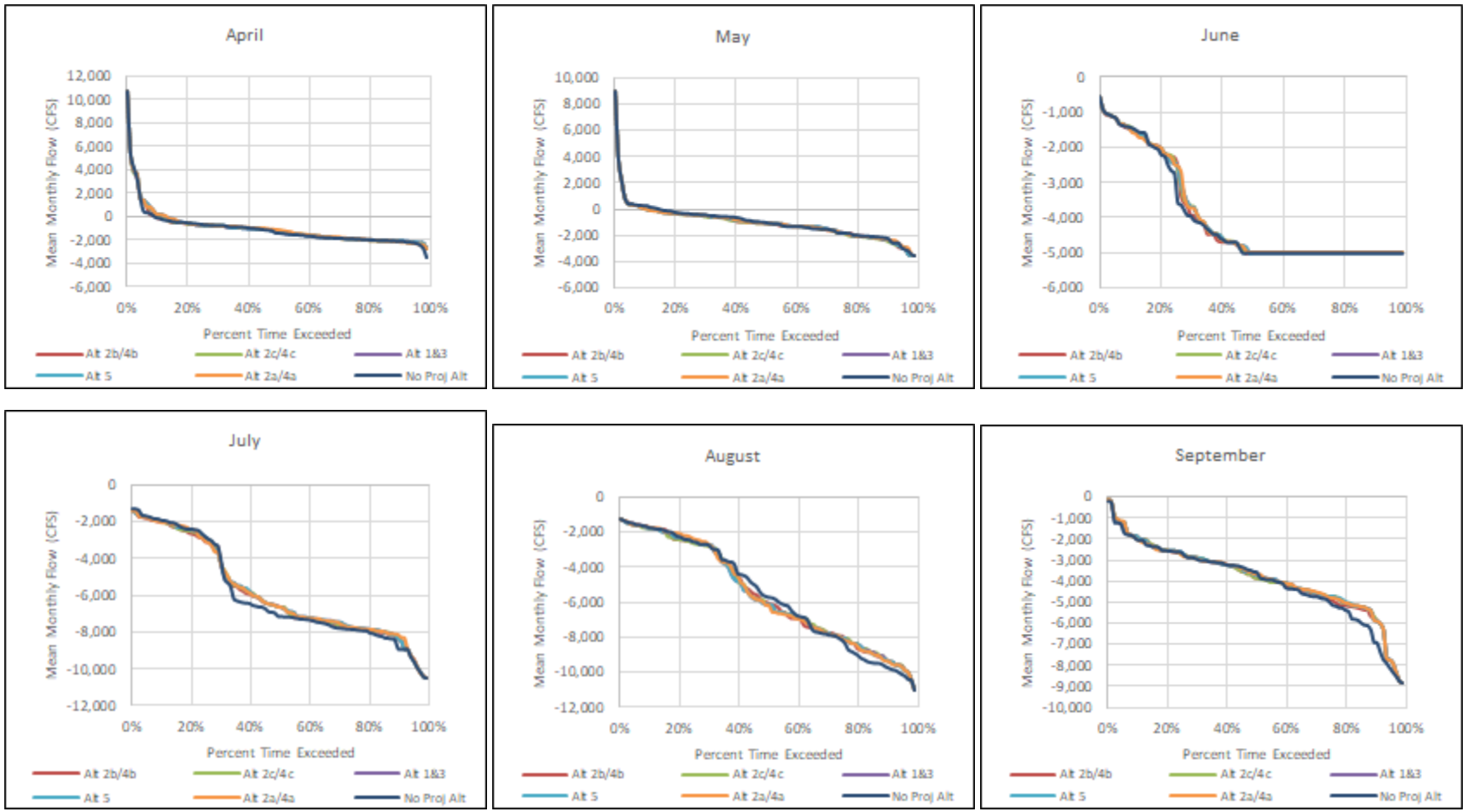


Table 5A-B5.3.6.1-A. Old and Middle River Monthly Flow (C_OMR014), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-1,414	-1,558	-2,510	-2,868	-1,439	-190	-103	298	-1,425	-1,969	-1,744	-2,035
20%	-1,866	-2,637	-4,278	-3,645	-2,926	-2,069	-527	-198	-2,152	-2,456	-2,259	-2,553
30%	-2,415	-4,155	-5,126	-3,645	-4,453	-3,258	-732	-391	-3,943	-4,078	-2,732	-2,940
40%	-2,905	-5,218	-5,290	-4,516	-4,464	-3,258	-938	-575	-4,581	-6,487	-4,371	-3,213
50%	-3,186	-6,673	-5,290	-4,516	-4,464	-3,258	-1,400	-967	-5,000	-7,164	-5,717	-3,558
60%	-3,452	-8,199	-5,290	-4,516	-4,464	-3,258	-1,656	-1,278	-5,000	-7,354	-6,774	-4,248
70%	-4,015	-8,940	-5,290	-4,516	-4,464	-3,258	-1,846	-1,476	-5,000	-7,802	-7,833	-4,717
80%	-4,554	-9,401	-5,317	-5,000	-4,464	-3,258	-1,978	-1,922	-5,000	-7,989	-8,979	-5,304
90%	-5,448	-9,567	-7,493	-5,000	-4,483	-3,258	-2,100	-2,126	-5,000	-8,788	-9,694	-6,706

Table 5A-B5.3.6.1-B. Old and Middle River Monthly Flow (C_OMR014), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-3,387	-6,152	-5,062	-3,758	-3,276	-2,086	-978	-876	-3,991	-6,004	-5,582	-4,005
Wet Water Years	-3,881	-7,292	-4,705	-2,779	-2,427	-805	-529	-769	-4,301	-7,828	-8,716	-3,797
Above Normal Water Years	-3,066	-8,480	-5,831	-4,029	-2,797	-2,620	-1,164	-1,360	-4,766	-7,348	-5,713	-1,385
Below Normal Water Years	-3,366	-6,053	-5,639	-4,362	-3,864	-3,016	-1,510	-880	-4,537	-6,540	-5,003	-5,606
Dry Water Years	-2,852	-4,765	-5,442	-4,776	-4,317	-2,423	-1,124	-750	-3,753	-3,049	-2,209	-3,975
Critical Water Years	-2,937	-3,108	-3,775	-3,752	-3,477	-2,800	-753	-941	-1,648	-2,263	-2,059	-3,110

Table 5A-B5.3.6.1-C. Old and Middle River Monthly Flow (C_OMR014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-1,700	-1,363	-2,503	-2,982	-1,092	-190	-32	143	-1,469	-1,964	-1,742	-1,928
20%	-1,994	-2,520	-3,888	-3,645	-3,079	-2,073	-544	-281	-2,012	-2,622	-2,427	-2,566
30%	-2,478	-3,126	-4,978	-3,645	-4,358	-2,873	-742	-450	-3,901	-4,265	-2,758	-2,887
40%	-2,858	-4,083	-5,290	-4,516	-4,464	-3,258	-921	-843	-4,680	-5,934	-4,592	-3,214
50%	-3,125	-6,499	-5,290	-4,516	-4,464	-3,258	-1,150	-1,055	-5,000	-6,615	-6,048	-3,851
60%	-3,332	-8,084	-5,290	-4,516	-4,464	-3,258	-1,487	-1,277	-5,000	-7,261	-6,938	-4,101
70%	-3,636	-8,831	-5,290	-4,516	-4,464	-3,258	-1,770	-1,527	-5,000	-7,622	-7,735	-4,597
80%	-4,004	-9,295	-5,290	-5,000	-4,464	-3,258	-1,931	-1,950	-5,000	-7,901	-8,513	-5,146
90%	-4,760	-9,520	-7,202	-5,000	-4,483	-3,258	-2,051	-2,248	-5,000	-8,306	-9,285	-5,697

Table 5A-B5.3.6.1-D. Old and Middle River Monthly Flow (C_OMR014), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-3,274	-5,830	-4,983	-3,710	-3,215	-2,032	-889	-939	-3,961	-5,860	-5,592	-3,877
Wet Water Years	-3,720	-6,950	-4,660	-2,651	-2,148	-547	-313	-886	-4,405	-7,553	-8,537	-3,784
Above Normal Water Years	-2,784	-7,856	-5,799	-4,047	-2,967	-2,645	-1,142	-1,385	-4,766	-7,038	-6,110	-1,387
Below Normal Water Years	-3,379	-5,675	-5,574	-4,362	-3,934	-3,039	-1,461	-932	-4,534	-6,396	-5,068	-5,166
Dry Water Years	-2,787	-4,584	-5,226	-4,748	-4,438	-2,608	-1,146	-766	-3,411	-3,175	-2,315	-3,973
Critical Water Years	-2,754	-3,022	-3,695	-3,751	-3,345	-2,804	-749	-965	-1,538	-2,292	-2,064	-3,097

Table 5A-B5.3.6.1-E. Old and Middle River Monthly Flow (C_OMR014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-286	195	6	-113	347	0	71	-155	-44	5	2	107
20%	-128	117	390	0	-153	-4	-17	-83	140	-165	-167	-12
30%	-63	1,029	149	0	95	385	-11	-59	42	-187	-26	53
40%	48	1,135	0	0	0	0	17	-268	-99	553	-221	-1
50%	61	174	0	0	0	0	250	-88	0	550	-330	-293
60%	119	116	0	0	0	0	169	1	0	93	-165	148
70%	379	109	0	0	0	0	76	-51	0	180	98	120
80%	550	107	27	0	0	0	47	-28	0	88	467	158
90%	688	47	291	0	0	0	50	-122	0	482	410	1,009

Table 5A-B5.3.6.1-F. Old and Middle River Monthly Flow (C_OMR014), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	113	322	79	48	61	53	89	-63	29	143	-10	128
Wet Water Years	160	342	45	128	279	257	216	-117	-104	275	179	12
Above Normal Water Years	282	624	33	-18	-170	-25	22	-25	0	310	-398	-2
Below Normal Water Years	-13	378	65	0	-70	-24	50	-51	3	144	-65	439
Dry Water Years	65	181	216	29	-121	-184	-22	-16	342	-126	-106	2
Critical Water Years	183	85	81	1	132	-5	3	-24	110	-29	-6	13

Table 5A-B5.3.6.2-A. Old and Middle River Monthly Flow (C_OMR014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-1,649	-1,363	-2,627	-2,877	-1,022	-190	195	67	-1,413	-1,994	-1,795	-1,928
20%	-1,999	-2,508	-4,005	-3,645	-3,116	-1,686	-524	-299	-2,022	-2,562	-2,420	-2,543
30%	-2,536	-3,033	-4,977	-3,645	-4,431	-2,663	-698	-528	-3,674	-4,284	-2,782	-2,886
40%	-2,904	-3,655	-5,290	-4,516	-4,464	-3,258	-909	-836	-4,538	-5,866	-4,802	-3,245
50%	-3,134	-6,233	-5,290	-4,516	-4,464	-3,258	-1,119	-1,045	-5,000	-6,655	-6,145	-3,852
60%	-3,436	-7,774	-5,290	-4,516	-4,464	-3,258	-1,474	-1,278	-5,000	-7,262	-6,866	-4,114
70%	-3,657	-8,808	-5,290	-4,516	-4,464	-3,258	-1,770	-1,513	-5,000	-7,622	-7,731	-4,540
80%	-3,928	-9,298	-5,290	-5,000	-4,464	-3,258	-1,931	-2,015	-5,000	-7,871	-8,383	-5,029
90%	-4,764	-9,519	-7,176	-5,000	-4,483	-3,258	-2,039	-2,305	-5,000	-8,297	-9,250	-5,584

Table 5A-B5.3.6.2-B. Old and Middle River Monthly Flow (C_OMR014), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-3,290	-5,713	-4,992	-3,711	-3,239	-1,934	-860	-962	-3,946	-5,851	-5,593	-3,843
Wet Water Years	-3,727	-6,912	-4,649	-2,664	-2,135	-379	-260	-932	-4,396	-7,533	-8,436	-3,769
Above Normal Water Years	-2,918	-7,071	-5,800	-4,030	-3,148	-2,490	-1,140	-1,385	-4,764	-7,061	-6,057	-1,385
Below Normal Water Years	-3,398	-5,609	-5,561	-4,362	-3,895	-3,031	-1,454	-949	-4,505	-6,392	-5,202	-5,069
Dry Water Years	-2,799	-4,541	-5,245	-4,747	-4,442	-2,609	-1,115	-786	-3,382	-3,207	-2,367	-3,953
Critical Water Years	-2,703	-2,987	-3,805	-3,731	-3,520	-2,630	-719	-963	-1,540	-2,235	-2,036	-3,103

Table 5A-B5.3.6.2-C. Old and Middle River Monthly Flow (C_OMR014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-235	195	-117	-9	417	0	298	-231	12	-24	-51	107
20%	-133	129	273	0	-190	383	3	-101	130	-106	-160	10
30%	-121	1,122	149	0	22	595	33	-137	269	-205	-50	54
40%	1	1,563	0	0	0	0	29	-261	43	621	-432	-32
50%	52	440	0	0	0	0	281	-78	0	509	-428	-293
60%	15	425	0	0	0	0	182	0	0	92	-92	134
70%	358	132	0	0	0	0	76	-37	0	180	102	177
80%	626	103	27	0	0	0	47	-93	0	118	596	275
90%	684	49	318	0	0	0	61	-179	0	491	444	1,123

Table 5A-B5.3.6.2-D. Old and Middle River Monthly Flow (C_OMR014), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	97	440	70	47	36	151	118	-87	45	152	-11	162
Wet Water Years	153	380	56	115	292	425	269	-162	-95	295	280	27
Above Normal Water Years	148	1,409	32	-1	-351	130	24	-25	2	287	-344	0
Below Normal Water Years	-32	444	78	0	-31	-16	56	-69	32	149	-199	536
Dry Water Years	53	224	198	29	-126	-186	8	-36	372	-158	-158	22
Critical Water Years	234	121	-29	21	-43	170	33	-22	108	28	23	6

Table 5A-B5.3.6.3-A. Old and Middle River Monthly Flow (C_OMR014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-1,553	-1,361	-2,685	-3,017	-930	-190	264	67	-1,473	-1,995	-1,748	-1,927
20%	-1,980	-2,510	-3,969	-3,645	-3,148	-1,554	-464	-270	-2,021	-2,478	-2,280	-2,559
30%	-2,582	-3,014	-4,991	-3,645	-4,434	-2,598	-730	-433	-3,672	-4,304	-2,707	-2,901
40%	-2,911	-3,541	-5,290	-4,516	-4,464	-3,248	-958	-768	-4,521	-5,848	-4,828	-3,246
50%	-3,149	-5,873	-5,290	-4,516	-4,464	-3,258	-1,192	-1,011	-5,000	-6,660	-6,146	-3,684
60%	-3,380	-7,774	-5,290	-4,516	-4,464	-3,258	-1,520	-1,266	-5,000	-7,247	-6,864	-4,057
70%	-3,652	-8,813	-5,290	-4,516	-4,464	-3,258	-1,764	-1,422	-5,000	-7,480	-7,796	-4,527
80%	-3,947	-9,298	-5,290	-5,000	-4,464	-3,258	-1,896	-2,003	-5,000	-7,846	-8,400	-4,993
90%	-4,762	-9,521	-7,191	-5,000	-4,483	-3,258	-2,009	-2,245	-5,000	-8,296	-9,250	-5,701

Table 5A-B5.3.6.3-B. Old and Middle River Monthly Flow (C_OMR014), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-3,290	-5,685	-5,005	-3,730	-3,245	-1,909	-851	-919	-3,940	-5,831	-5,603	-3,831
Wet Water Years	-3,727	-6,896	-4,674	-2,709	-2,119	-267	-190	-878	-4,396	-7,537	-8,463	-3,761
Above Normal Water Years	-2,971	-6,964	-5,788	-4,010	-3,120	-2,489	-1,142	-1,384	-4,761	-7,055	-6,049	-1,384
Below Normal Water Years	-3,365	-5,579	-5,560	-4,362	-3,920	-3,006	-1,442	-899	-4,491	-6,326	-5,220	-5,049
Dry Water Years	-2,807	-4,517	-5,266	-4,759	-4,444	-2,620	-1,125	-714	-3,371	-3,249	-2,443	-3,919
Critical Water Years	-2,727	-2,986	-3,819	-3,758	-3,575	-2,780	-849	-963	-1,539	-2,158	-1,923	-3,114

Table 5A-B5.3.6.3-C. Old and Middle River Monthly Flow (C_OMR014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-140	197	-176	-149	509	0	367	-230	-48	-26	-3	108
20%	-114	128	309	0	-222	515	63	-73	131	-21	-21	-6
30%	-167	1,141	135	0	20	660	1	-42	271	-226	25	39
40%	-5	1,677	0	0	0	11	-20	-193	60	639	-458	-33
50%	37	800	0	0	0	0	208	-45	0	504	-429	-126
60%	71	425	0	0	0	0	137	12	0	107	-90	192
70%	363	127	0	0	0	0	82	55	0	322	37	190
80%	607	104	27	0	0	0	82	-81	0	144	579	311
90%	686	47	302	0	0	0	91	-119	0	492	444	1,006

Table 5A-B5.3.6.3-D. Old and Middle River Monthly Flow (C_OMR014), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	97	468	58	28	30	177	127	-43	51	173	-21	174
Wet Water Years	153	396	31	70	308	537	339	-108	-95	291	253	36
Above Normal Water Years	95	1,516	43	18	-324	131	22	-24	5	293	-336	1
Below Normal Water Years	1	474	79	0	-56	10	68	-19	46	214	-217	556
Dry Water Years	45	248	176	17	-127	-197	-2	36	382	-200	-234	56
Critical Water Years	211	122	-43	-6	-98	19	-96	-21	109	105	136	-5

Table 5A-B5.3.6.4-A. Old and Middle River Monthly Flow (C_OMR014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-1,646	-1,207	-2,687	-3,166	-1,202	-189	277	72	-1,488	-2,055	-1,702	-2,060
20%	-2,042	-2,563	-3,594	-3,645	-3,020	-1,618	-463	-265	-2,012	-2,433	-2,065	-2,571
30%	-2,586	-3,010	-4,817	-3,645	-4,316	-2,527	-703	-408	-3,730	-4,272	-2,680	-2,942
40%	-2,879	-3,451	-5,290	-4,516	-4,464	-3,245	-839	-730	-4,633	-5,901	-4,517	-3,220
50%	-3,160	-5,166	-5,290	-4,516	-4,464	-3,258	-1,038	-986	-5,000	-6,660	-6,196	-3,669
60%	-3,436	-7,650	-5,290	-4,516	-4,464	-3,258	-1,455	-1,272	-5,000	-7,259	-6,949	-4,084
70%	-3,723	-8,724	-5,290	-4,516	-4,464	-3,258	-1,678	-1,483	-5,000	-7,503	-7,787	-4,483
80%	-3,998	-9,260	-5,290	-5,000	-4,464	-3,258	-1,867	-1,956	-5,000	-7,865	-8,440	-4,985
90%	-4,767	-9,520	-7,180	-5,000	-4,483	-3,258	-2,025	-2,186	-5,000	-8,153	-9,361	-5,706

Table 5A-B5.3.6.4-B. Old and Middle River Monthly Flow (C_OMR014), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-3,304	-5,567	-4,985	-3,752	-3,232	-1,905	-812	-897	-3,948	-5,824	-5,589	-3,836
Wet Water Years	-3,704	-6,569	-4,617	-2,774	-2,106	-235	-232	-837	-4,388	-7,538	-8,503	-3,773
Above Normal Water Years	-2,975	-7,001	-5,789	-3,992	-3,116	-2,487	-1,045	-1,381	-4,761	-7,025	-6,116	-1,437
Below Normal Water Years	-3,421	-5,575	-5,558	-4,362	-3,903	-2,981	-1,349	-883	-4,510	-6,352	-5,214	-5,037
Dry Water Years	-2,817	-4,490	-5,270	-4,759	-4,419	-2,714	-1,003	-704	-3,390	-3,227	-2,272	-3,918
Critical Water Years	-2,763	-2,974	-3,820	-3,763	-3,580	-2,782	-845	-958	-1,563	-2,094	-1,865	-3,112

Table 5A-B5.3.6.4-C. Old and Middle River Monthly Flow (C_OMR014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-233	351	-177	-297	237	0	380	-226	-63	-86	42	-25
20%	-175	74	684	0	-94	452	64	-67	140	23	194	-17
30%	-171	1,145	309	0	137	731	28	-17	213	-194	52	-3
40%	27	1,767	0	0	0	13	98	-154	-52	586	-147	-7
50%	26	1,508	0	0	0	0	362	-19	0	504	-478	-110
60%	15	549	0	0	0	0	201	6	0	95	-176	164
70%	292	216	0	0	0	0	167	-6	0	299	46	234
80%	556	141	27	0	0	0	110	-34	0	124	539	319
90%	681	47	313	0	0	0	75	-61	0	635	333	1,000

Table 5A-B5.3.6.4-D. Old and Middle River Monthly Flow (C_OMR014), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	83	586	77	6	43	181	166	-22	42	180	-7	169
Wet Water Years	177	723	87	5	321	569	297	-68	-87	290	213	24
Above Normal Water Years	91	1,479	42	36	-319	133	120	-21	5	323	-403	-52
Below Normal Water Years	-55	478	81	0	-39	35	161	-2	27	189	-211	569
Dry Water Years	35	275	172	17	-102	-291	121	46	364	-178	-63	57
Critical Water Years	175	134	-44	-11	-103	18	-92	-16	85	169	194	-2

Table 5A-B5.3.6.5-A. Old and Middle River Monthly Flow (C_OMR014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-1,553	-1,361	-2,685	-2,752	-930	-190	266	67	-1,473	-1,995	-1,748	-1,927
20%	-1,982	-2,509	-3,969	-3,645	-3,148	-1,537	-464	-271	-2,019	-2,478	-2,281	-2,561
30%	-2,583	-3,014	-4,989	-3,645	-4,434	-2,595	-730	-433	-3,672	-4,304	-2,707	-2,901
40%	-2,911	-3,541	-5,290	-4,516	-4,464	-3,248	-958	-768	-4,522	-5,840	-4,828	-3,246
50%	-3,149	-5,872	-5,290	-4,516	-4,464	-3,258	-1,192	-1,009	-5,000	-6,660	-6,147	-3,684
60%	-3,388	-7,773	-5,290	-4,516	-4,464	-3,258	-1,520	-1,266	-5,000	-7,246	-6,858	-4,057
70%	-3,652	-8,816	-5,290	-4,516	-4,464	-3,258	-1,764	-1,422	-5,000	-7,480	-7,796	-4,527
80%	-3,947	-9,298	-5,290	-5,000	-4,464	-3,258	-1,898	-2,003	-5,000	-7,846	-8,399	-4,910
90%	-4,764	-9,519	-7,191	-5,000	-4,483	-3,258	-2,009	-2,230	-5,000	-8,302	-9,298	-5,699

Table 5A-B5.3.6.5-B. Old and Middle River Monthly Flow (C_OMR014), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-3,290	-5,687	-5,006	-3,718	-3,237	-1,900	-850	-918	-3,940	-5,830	-5,610	-3,822
Wet Water Years	-3,728	-6,896	-4,674	-2,673	-2,111	-245	-188	-876	-4,396	-7,541	-8,482	-3,745
Above Normal Water Years	-2,971	-6,964	-5,788	-4,010	-3,067	-2,487	-1,142	-1,384	-4,761	-7,054	-6,048	-1,384
Below Normal Water Years	-3,365	-5,588	-5,565	-4,362	-3,920	-3,006	-1,443	-899	-4,491	-6,319	-5,220	-5,049
Dry Water Years	-2,808	-4,516	-5,267	-4,759	-4,444	-2,619	-1,126	-714	-3,372	-3,249	-2,443	-3,919
Critical Water Years	-2,726	-2,988	-3,818	-3,759	-3,574	-2,780	-849	-962	-1,539	-2,158	-1,923	-3,094

Table 5A-B5.3.6.5-C. Old and Middle River Monthly Flow (C_OMR014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-140	197	-176	117	509	0	369	-230	-48	-26	-3	108
20%	-116	128	309	0	-222	532	63	-73	133	-21	-22	-8
30%	-168	1,141	137	0	20	664	1	-42	271	-226	25	39
40%	-5	1,677	0	0	0	11	-20	-193	59	646	-457	-33
50%	37	802	0	0	0	0	208	-42	0	504	-430	-126
60%	64	427	0	0	0	0	137	12	0	108	-84	192
70%	363	125	0	0	0	0	82	55	0	322	37	190
80%	607	104	27	0	0	0	80	-81	0	144	581	394
90%	684	49	302	0	0	0	91	-104	0	487	396	1,007

Table 5A-B5.3.6.5-D. Old and Middle River Monthly Flow (C_OMR014), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	97	465	56	41	38	185	128	-42	51	174	-28	183
Wet Water Years	153	395	31	105	316	560	341	-107	-95	287	234	52
Above Normal Water Years	95	1,516	43	18	-270	133	22	-24	5	294	-335	1
Below Normal Water Years	1	465	74	0	-55	10	68	-19	46	221	-218	556
Dry Water Years	44	249	176	17	-127	-196	-2	36	382	-200	-234	56
Critical Water Years	211	120	-43	-7	-98	19	-96	-21	109	105	136	16

B.3.7 Qwest

Figure 5A-B5.3.7.1-A. Qwest Monthly Flow (C_SJR013), Probability of Exceedance for No Project Alternative, October to March

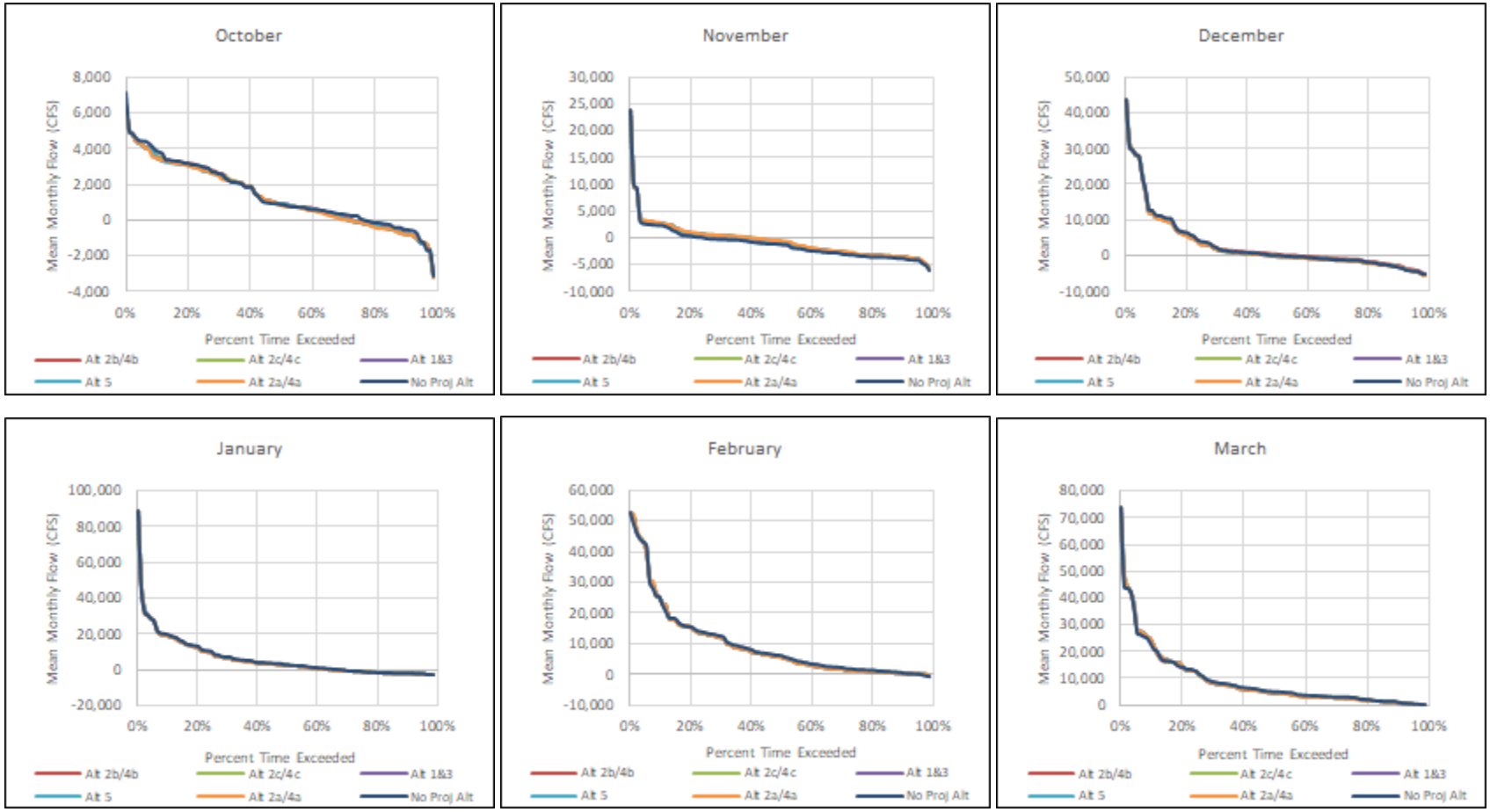


Figure 5A-B5.3.7.1-B. Qwest Monthly Flow (C_SJR013), Probability of Exceedance for No Project Alternative, April to September

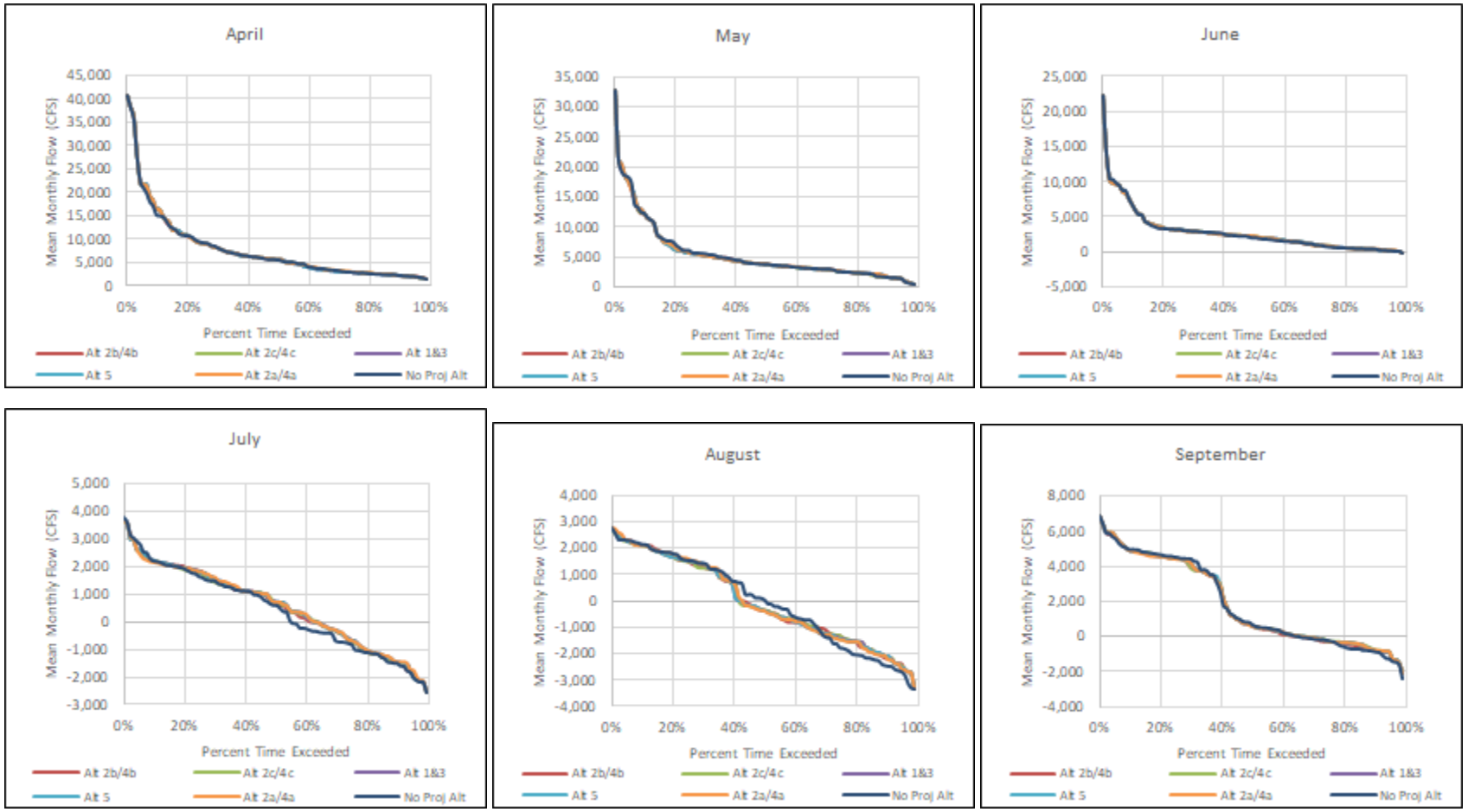


Table 5A-B5.3.7.1-A. Qwest Monthly Flow (C_SJR013), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,882	2,405	11,425	19,870	24,268	22,459	15,222	12,150	6,547	2,192	2,121	4,929
20%	3,173	410	6,507	13,366	15,329	14,253	10,778	7,249	3,387	1,904	1,785	4,628
30%	2,612	-247	2,399	7,350	12,417	8,845	8,238	5,647	2,999	1,474	1,397	4,396
40%	1,851	-657	933	4,277	8,050	6,676	6,414	4,647	2,665	1,102	725	2,385
50%	888	-1,144	119	2,962	6,057	5,136	5,602	3,890	2,058	585	43	687
60%	609	-2,316	-379	1,431	3,370	3,830	4,208	3,424	1,609	-248	-598	233
70%	350	-2,797	-1,093	-80	2,148	3,131	3,313	3,081	1,167	-694	-1,344	-169
80%	-111	-3,472	-1,661	-1,419	1,272	2,252	2,692	2,474	645	-1,114	-2,054	-594
90%	-485	-3,734	-3,004	-1,742	561	1,390	2,303	1,795	437	-1,504	-2,462	-879

Table 5A-B5.3.7.1-B. Qwest Monthly Flow (C_SJR013), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,444	-889	3,155	6,896	9,741	9,413	7,787	5,629	2,892	428	-61	1,780
Wet Water Years	1,375	-459	9,077	16,520	18,016	18,216	14,069	9,519	5,024	425	-1,582	4,002
Above Normal Water Years	2,534	-3,546	1,132	7,947	13,633	11,195	7,149	5,665	3,070	-141	417	5,501
Below Normal Water Years	1,535	-1,131	-116	1,590	5,699	4,261	4,835	3,959	1,122	-453	-61	-787
Dry Water Years	1,444	-639	-1,031	-392	2,342	3,756	3,326	2,903	1,337	1,460	1,754	-45
Critical Water Years	622	157	359	-361	1,454	1,629	2,588	1,703	2,547	1,570	1,642	565

Table 5A-B5.3.7.1-C. Qwest Monthly Flow (C_SJR013), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,536	2,458	11,037	19,450	24,316	23,706	16,463	12,072	6,546	2,204	2,108	4,917
20%	3,159	594	6,149	12,940	15,387	14,298	10,741	6,684	3,388	1,988	1,694	4,582
30%	2,593	153	2,097	6,930	12,020	8,514	8,239	5,352	3,014	1,453	1,265	3,960
40%	1,863	-266	759	4,133	7,869	6,235	6,420	4,523	2,617	1,111	635	2,857
50%	898	-1,318	177	2,742	5,636	4,687	5,660	3,900	2,264	721	-376	685
60%	678	-2,250	-483	1,196	3,187	3,516	4,140	3,449	1,670	107	-826	171
70%	187	-2,800	-1,089	-341	1,612	2,924	3,221	3,076	1,189	-302	-1,076	-89
80%	-245	-3,426	-1,885	-1,534	925	2,000	2,773	2,497	668	-1,082	-1,568	-343
90%	-628	-3,638	-2,831	-1,854	283	1,157	2,302	1,728	459	-1,479	-2,177	-720

Table 5A-B5.3.7.1-D. Qwest Monthly Flow (C_SJR013), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,354	-783	3,074	6,728	9,588	9,268	7,848	5,545	2,908	529	-68	1,838
Wet Water Years	1,391	-415	8,895	16,377	18,117	18,317	14,237	9,329	4,928	624	-1,461	3,999
Above Normal Water Years	2,111	-3,070	948	7,661	13,212	10,865	7,135	5,620	3,079	77	136	5,494
Below Normal Water Years	1,380	-1,036	-172	1,377	5,407	4,003	4,859	3,912	1,122	-345	-127	-567
Dry Water Years	1,377	-597	-938	-541	1,867	3,315	3,291	2,923	1,583	1,342	1,727	-44
Critical Water Years	601	252	370	-436	1,481	1,540	2,609	1,677	2,642	1,551	1,640	561

Table 5A-B5.3.7.1-E. Qwest Monthly Flow (C_SJR013), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-346	53	-388	-419	48	1,247	1,240	-78	-1	12	-14	-12
20%	-14	185	-358	-426	58	45	-38	-564	1	83	-91	-46
30%	-20	400	-303	-420	-397	-331	2	-295	15	-21	-132	-436
40%	12	392	-175	-144	-181	-441	6	-124	-48	9	-90	472
50%	10	-175	58	-219	-421	-449	58	10	207	136	-419	-2
60%	69	66	-104	-235	-183	-314	-68	26	61	355	-227	-62
70%	-163	-3	4	-261	-536	-207	-92	-5	22	392	268	80
80%	-134	47	-224	-115	-347	-252	81	24	23	31	486	251
90%	-143	96	174	-112	-278	-233	-1	-67	22	25	286	159

Table 5A-B5.3.7.1-F. Qwest Monthly Flow (C_SJR013), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-90	106	-82	-168	-153	-144	62	-85	16	101	-7	59
Wet Water Years	16	44	-182	-143	102	101	167	-191	-96	199	121	-3
Above Normal Water Years	-422	476	-184	-285	-421	-329	-13	-45	9	218	-281	-7
Below Normal Water Years	-155	95	-55	-213	-292	-258	24	-47	0	108	-66	220
Dry Water Years	-67	42	93	-148	-475	-441	-34	20	246	-117	-27	0
Critical Water Years	-22	95	11	-75	27	-89	21	-26	95	-19	-2	-4

Table 5A-B5.3.7.2-A. Qwest Monthly Flow (C_SJR013), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,594	2,533	10,879	19,239	24,318	23,734	16,465	12,107	6,546	2,227	2,088	4,917
20%	3,122	655	5,986	12,777	15,257	14,795	10,938	6,315	3,514	1,901	1,640	4,582
30%	2,578	303	1,994	6,861	11,959	8,557	8,206	5,352	3,010	1,455	1,228	3,956
40%	1,863	-136	753	4,133	7,699	6,035	6,421	4,453	2,610	1,120	641	2,858
50%	896	-889	120	2,848	5,533	4,648	5,671	3,885	2,234	697	-355	644
60%	615	-2,095	-504	1,176	3,133	3,347	4,164	3,424	1,768	193	-706	272
70%	136	-2,672	-1,093	-310	1,512	2,864	3,233	3,052	1,164	-328	-1,255	-44
80%	-299	-3,428	-1,884	-1,549	894	2,199	2,774	2,498	655	-1,085	-1,561	-309
90%	-762	-3,638	-2,793	-1,858	193	1,296	2,304	1,764	459	-1,479	-2,100	-710

Table 5A-B5.3.7.2-B. Qwest Monthly Flow (C_SJR013), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,323	-671	3,018	6,668	9,514	9,316	7,873	5,518	2,924	534	-71	1,860
Wet Water Years	1,379	-415	8,816	16,262	18,103	18,462	14,292	9,267	4,942	637	-1,390	4,010
Above Normal Water Years	2,007	-2,286	892	7,602	12,909	10,913	7,145	5,624	3,077	67	173	5,489
Below Normal Water Years	1,369	-998	-193	1,329	5,376	3,925	4,866	3,888	1,153	-343	-227	-504
Dry Water Years	1,366	-507	-943	-569	1,812	3,258	3,278	2,926	1,603	1,315	1,689	-30
Critical Water Years	505	353	245	-404	1,301	1,713	2,643	1,682	2,639	1,593	1,656	555

Table 5A-B5.3.7.2-C. Qwest Monthly Flow (C_SJR013), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-288	128	-546	-631	50	1,275	1,242	-43	-1	35	-33	-12
20%	-51	245	-521	-589	-72	542	159	-933	127	-3	-145	-45
30%	-34	550	-405	-489	-459	-288	-32	-294	11	-19	-169	-440
40%	12	522	-180	-144	-350	-642	7	-194	-55	17	-84	472
50%	8	255	1	-114	-524	-488	69	-4	177	112	-398	-43
60%	6	222	-124	-255	-237	-482	-44	0	159	441	-108	39
70%	-215	126	0	-230	-636	-267	-80	-29	-3	366	89	125
80%	-188	45	-223	-131	-378	-53	82	25	10	29	493	285
90%	-278	96	211	-116	-368	-94	0	-32	22	26	362	169

Table 5A-B5.3.7.2-D. Qwest Monthly Flow (C_SJR013), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-122	218	-137	-228	-227	-97	86	-112	32	106	-10	80
Wet Water Years	3	44	-261	-257	87	247	223	-252	-82	211	192	7
Above Normal Water Years	-527	1,260	-240	-345	-725	-282	-4	-41	7	208	-243	-12
Below Normal Water Years	-166	133	-77	-261	-322	-336	31	-71	31	110	-166	282
Dry Water Years	-78	133	88	-177	-531	-498	-48	23	265	-145	-65	15
Critical Water Years	-117	196	-114	-43	-153	84	55	-21	92	23	14	-10

Table 5A-B5.3.7.3-A. Qwest Monthly Flow (C_SJR013), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,486	2,555	10,804	19,109	24,320	24,185	16,484	12,117	6,547	2,196	2,107	4,919
20%	3,092	776	5,829	12,623	15,208	14,813	10,938	6,315	3,513	1,946	1,655	4,584
30%	2,562	341	1,907	6,939	11,775	8,557	8,208	5,353	2,972	1,520	1,406	4,219
40%	1,859	-209	677	4,134	7,445	6,006	6,422	4,453	2,576	1,103	512	2,764
50%	914	-861	18	2,748	5,535	4,594	5,672	3,896	2,206	717	-386	668
60%	643	-2,094	-547	1,087	2,883	3,286	4,055	3,456	1,774	176	-802	319
70%	109	-2,703	-1,098	-311	1,514	2,815	3,012	3,066	1,202	-329	-1,274	-17
80%	-282	-3,424	-1,879	-1,557	846	1,905	2,726	2,577	695	-1,023	-1,558	-300
90%	-743	-3,637	-2,778	-1,858	241	1,064	2,263	1,981	460	-1,459	-2,095	-736

Table 5A-B5.3.7.3-B. Qwest Monthly Flow (C_SJR013), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,317	-664	2,973	6,603	9,475	9,312	7,859	5,566	2,923	550	-77	1,869
Wet Water Years	1,371	-400	8,729	16,137	18,120	18,596	14,367	9,323	4,931	638	-1,409	4,016
Above Normal Water Years	1,948	-2,191	878	7,564	12,899	10,833	7,148	5,627	3,079	73	180	5,490
Below Normal Water Years	1,396	-1,026	-210	1,297	5,289	3,899	4,846	3,945	1,156	-298	-237	-497
Dry Water Years	1,355	-491	-972	-601	1,760	3,159	3,219	3,006	1,611	1,288	1,630	-3
Critical Water Years	481	335	209	-433	1,205	1,548	2,435	1,683	2,644	1,643	1,748	557

Table 5A-B5.3.7.3-C. Qwest Monthly Flow (C_SJR013), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-396	150	-621	-761	52	1,726	1,262	-33	0	4	-14	-10
20%	-81	366	-678	-743	-122	561	160	-933	127	41	-130	-44
30%	-50	588	-492	-411	-642	-288	-30	-294	-27	46	9	-177
40%	8	448	-256	-143	-605	-671	8	-193	-89	1	-213	379
50%	26	282	-100	-214	-522	-542	70	6	148	132	-429	-19
60%	34	222	-168	-345	-487	-544	-153	33	166	424	-203	86
70%	-242	94	-5	-231	-635	-316	-301	-14	35	365	70	152
80%	-171	48	-218	-138	-426	-347	33	104	50	91	496	294
90%	-259	96	226	-115	-319	-325	-41	186	23	45	367	143

Table 5A-B5.3.7.3-D. Qwest Monthly Flow (C_SJR013), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-127	224	-182	-292	-265	-101	72	-64	31	122	-16	89
Wet Water Years	-4	59	-348	-383	105	380	297	-196	-93	212	173	14
Above Normal Water Years	-585	1,355	-254	-383	-735	-362	-1	-38	9	214	-237	-11
Below Normal Water Years	-138	104	-93	-293	-409	-362	11	-14	34	155	-176	289
Dry Water Years	-89	148	59	-209	-583	-597	-107	103	274	-171	-124	41
Critical Water Years	-141	178	-149	-72	-249	-81	-154	-20	97	73	106	-8

Table 5A-B5.3.7.4-A. Qwest Monthly Flow (C_SJR013), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,459	2,691	10,766	19,118	24,333	24,278	16,491	12,116	6,551	2,157	2,085	4,919
20%	3,048	966	5,741	12,594	15,139	14,805	10,842	6,690	3,515	1,951	1,776	4,572
30%	2,489	397	1,890	6,955	11,782	8,451	8,208	5,354	2,983	1,621	1,377	4,221
40%	1,859	-81	821	3,833	7,383	5,852	6,425	4,465	2,538	1,103	691	2,766
50%	843	-633	189	2,657	5,463	4,626	5,682	3,966	2,351	717	-389	644
60%	534	-1,911	-555	1,017	2,895	3,131	4,423	3,497	1,678	278	-756	336
70%	32	-2,631	-1,096	-328	1,504	2,813	3,371	3,080	1,013	-307	-1,301	-39
80%	-369	-3,392	-1,846	-1,561	827	1,878	2,778	2,525	650	-1,018	-1,560	-301
90%	-776	-3,616	-2,746	-1,856	290	1,065	2,278	2,002	462	-1,453	-2,098	-713

Table 5A-B5.3.7.4-B. Qwest Monthly Flow (C_SJR013), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,286	-547	2,977	6,556	9,474	9,288	7,899	5,599	2,918	561	-65	1,866
Wet Water Years	1,334	-53	8,761	16,029	18,128	18,630	14,328	9,379	4,934	642	-1,434	4,010
Above Normal Water Years	1,957	-2,222	849	7,568	12,873	10,782	7,248	5,637	3,082	110	133	5,461
Below Normal Water Years	1,344	-1,041	-214	1,271	5,289	3,895	4,937	3,965	1,146	-308	-231	-487
Dry Water Years	1,347	-495	-973	-610	1,758	2,961	3,343	3,050	1,595	1,305	1,762	-3
Critical Water Years	450	356	188	-443	1,197	1,540	2,443	1,686	2,635	1,689	1,783	549

Table 5A-B5.3.7.4-C. Qwest Monthly Flow (C_SJR013), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-423	286	-660	-752	65	1,819	1,269	-34	4	-35	-37	-10
20%	-125	556	-767	-772	-190	552	64	-558	129	47	-9	-55
30%	-123	645	-509	-395	-635	-394	-29	-293	-16	147	-20	-175
40%	8	576	-112	-445	-666	-824	11	-181	-127	1	-34	380
50%	-45	511	70	-305	-594	-510	80	76	294	132	-432	-43
60%	-75	405	-175	-414	-475	-698	215	73	69	526	-157	103
70%	-318	166	-3	-248	-644	-317	58	-1	-154	387	42	130
80%	-258	80	-184	-142	-445	-375	85	51	5	95	493	293
90%	-292	118	259	-113	-271	-324	-25	207	25	51	364	167

Table 5A-B5.3.7.4-D. Qwest Monthly Flow (C_SJR013), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-159	341	-178	-340	-266	-125	113	-31	26	132	-3	86
Wet Water Years	-41	406	-316	-491	113	415	258	-140	-90	216	147	7
Above Normal Water Years	-576	1,324	-283	-379	-760	-413	100	-28	11	251	-283	-40
Below Normal Water Years	-191	90	-97	-319	-410	-366	102	6	24	144	-169	300
Dry Water Years	-97	144	58	-218	-584	-795	17	147	257	-154	7	42
Critical Water Years	-172	199	-171	-82	-257	-89	-146	-17	88	118	141	-16

Table 5A-B5.3.7.5-A. Qwest Monthly Flow (C_SJR013), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,486	2,555	10,782	19,087	24,310	24,225	16,543	12,117	6,547	2,196	2,107	4,918
20%	3,092	778	5,831	12,623	15,208	14,749	10,939	6,315	3,513	1,944	1,655	4,584
30%	2,563	342	1,907	6,944	11,781	8,559	8,208	5,353	2,972	1,517	1,405	4,219
40%	1,859	-207	677	4,134	7,444	6,006	6,422	4,453	2,576	1,103	513	2,765
50%	915	-861	18	2,748	5,535	4,594	5,672	3,896	2,206	717	-385	668
60%	644	-2,094	-548	1,085	2,883	3,286	4,056	3,457	1,774	222	-802	319
70%	109	-2,703	-1,094	-311	1,513	2,815	3,012	3,066	1,202	-329	-1,274	-17
80%	-282	-3,424	-1,879	-1,557	846	1,905	2,726	2,577	695	-1,023	-1,559	-300
90%	-767	-3,637	-2,778	-1,858	242	1,064	2,265	1,978	460	-1,459	-2,095	-736

Table 5A-B5.3.7.5-B. Qwest Monthly Flow (C_SJR013), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,315	-671	2,970	6,614	9,480	9,318	7,860	5,568	2,923	551	-82	1,873
Wet Water Years	1,365	-411	8,726	16,163	18,125	18,620	14,370	9,329	4,930	635	-1,422	4,027
Above Normal Water Years	1,948	-2,200	871	7,561	12,947	10,830	7,148	5,628	3,079	74	181	5,490
Below Normal Water Years	1,396	-1,033	-212	1,297	5,282	3,891	4,845	3,945	1,156	-293	-238	-497
Dry Water Years	1,354	-490	-972	-602	1,760	3,160	3,219	3,006	1,611	1,288	1,631	-3
Critical Water Years	481	335	209	-419	1,205	1,548	2,435	1,684	2,644	1,643	1,747	557

Table 5A-B5.3.7.5-C. Qwest Monthly Flow (C_SJR013), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-396	150	-643	-782	42	1,767	1,321	-33	0	4	-14	-10
20%	-81	368	-677	-743	-121	496	160	-933	127	40	-130	-44
30%	-49	590	-492	-406	-636	-286	-30	-294	-27	43	8	-177
40%	8	451	-256	-144	-605	-671	8	-193	-89	0	-212	380
50%	27	282	-100	-214	-522	-542	70	6	148	132	-428	-19
60%	34	222	-168	-346	-487	-544	-153	33	166	470	-204	86
70%	-241	95	-1	-231	-635	-316	-301	-14	35	365	70	152
80%	-171	48	-218	-138	-426	-347	33	104	50	91	495	294
90%	-282	96	226	-115	-319	-325	-38	183	23	45	367	143

Table 5A-B5.3.7.5-D. Qwest Monthly Flow (C_SJR013), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-129	218	-185	-282	-261	-94	73	-62	30	122	-20	93
Wet Water Years	-11	49	-351	-357	110	405	301	-191	-94	210	159	25
Above Normal Water Years	-585	1,346	-261	-386	-687	-365	-1	-37	9	215	-236	-11
Below Normal Water Years	-138	98	-96	-293	-417	-370	11	-14	34	160	-176	289
Dry Water Years	-90	149	59	-209	-583	-596	-107	102	274	-172	-124	41
Critical Water Years	-141	178	-149	-58	-249	-81	-153	-19	97	73	106	-8

B.3.8 Delta Cross Channel

Figure 5A-B5.3.8.1-A. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Probability of Exceedance for No Project Alternative, October to March

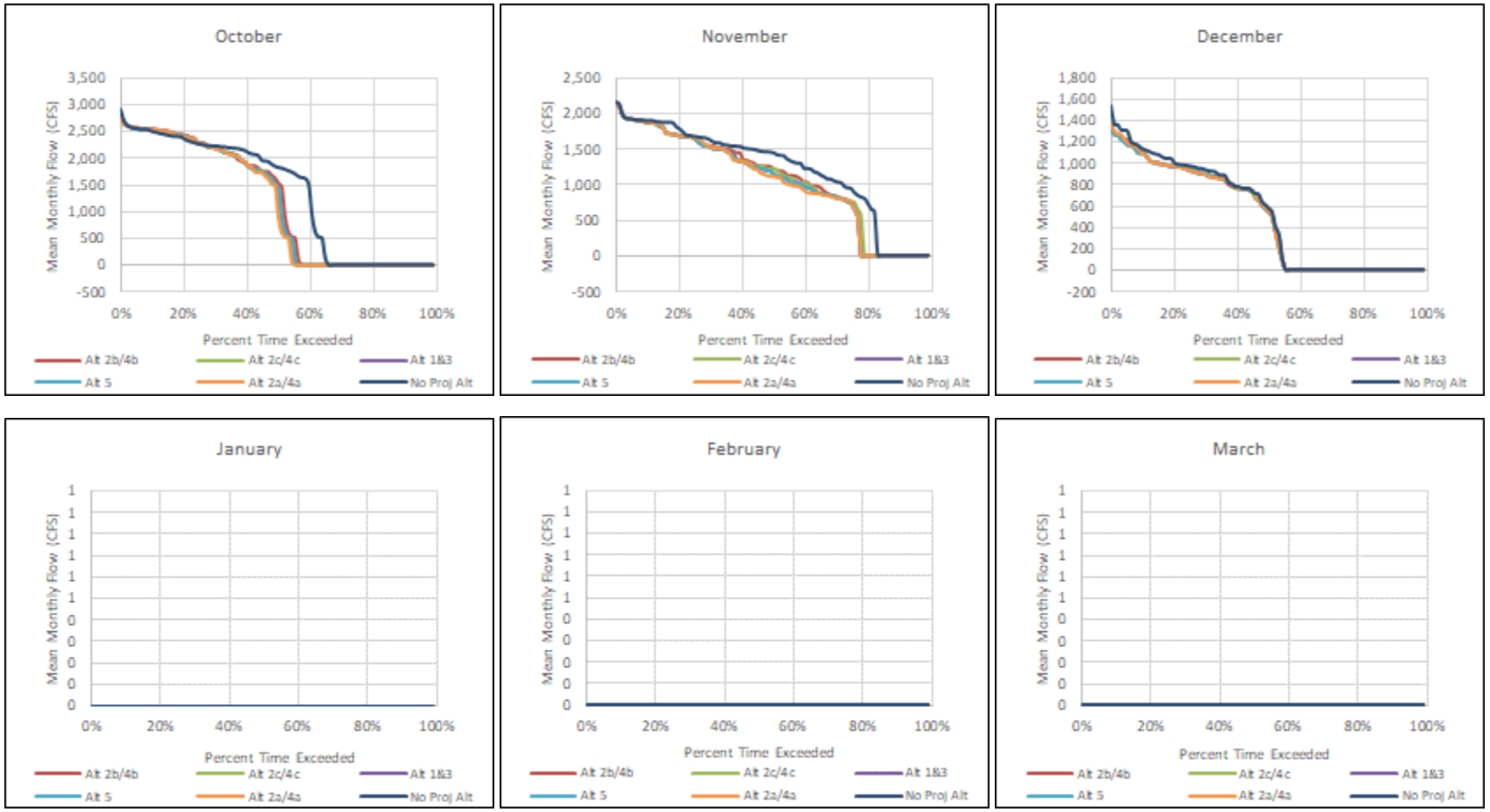


Figure 5A-B5.3.8.1-B. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Probability of Exceedance for No Project Alternative, April to September

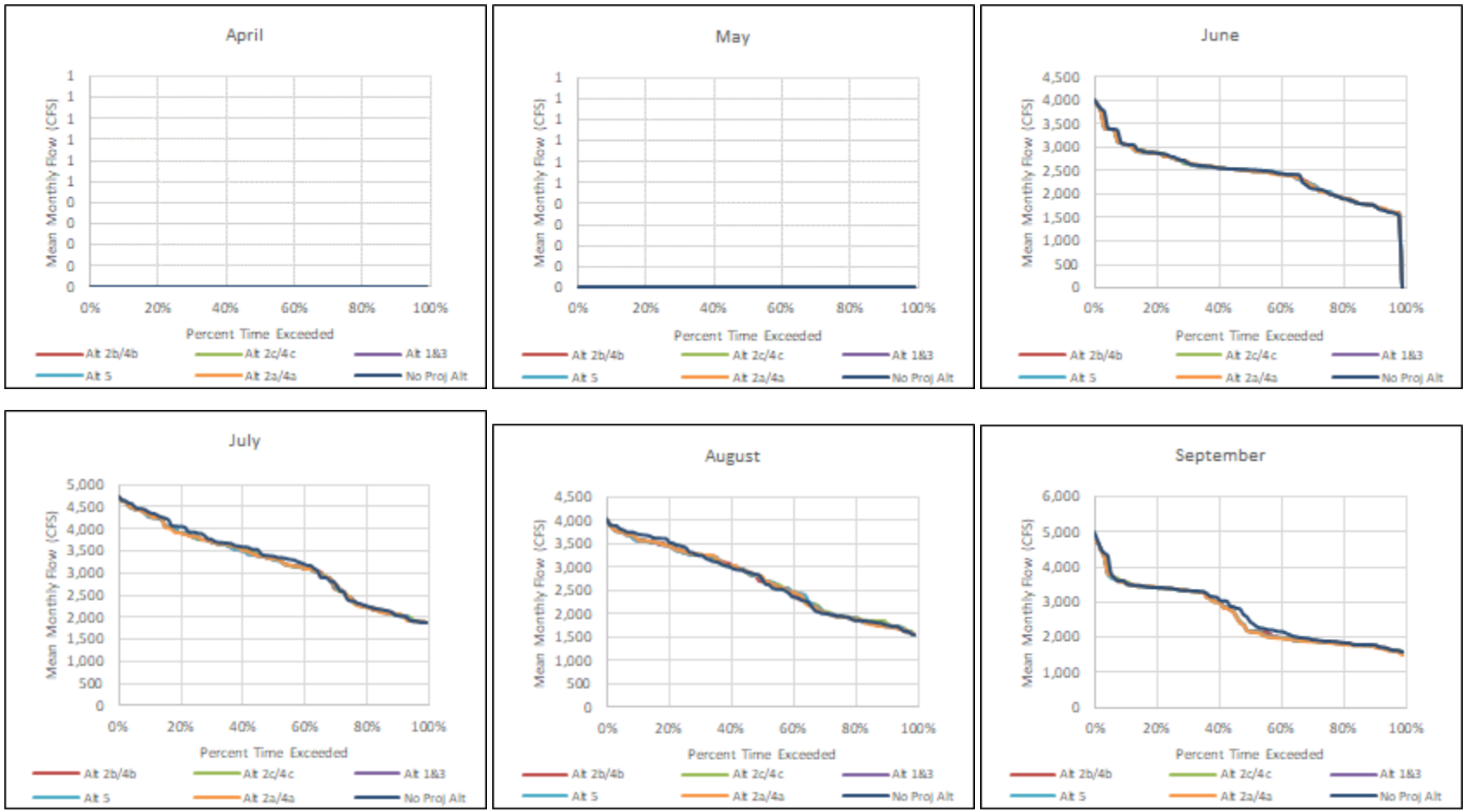


Table 5A-B5.3.8.1-A. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,509	1,906	1,135	0	0	0	0	0	3,076	4,354	3,723	3,548
20%	2,379	1,799	1,015	0	0	0	0	0	2,889	4,035	3,569	3,397
30%	2,233	1,637	941	0	0	0	0	0	2,687	3,752	3,256	3,310
40%	2,141	1,536	780	0	0	0	0	0	2,575	3,580	3,016	3,100
50%	1,840	1,455	591	0	0	0	0	0	2,530	3,370	2,789	2,494
60%	1,543	1,246	0	0	0	0	0	0	2,451	3,198	2,383	2,141
70%	0	1,052	0	0	0	0	0	0	2,146	2,782	2,007	1,933
80%	0	779	0	0	0	0	0	0	1,936	2,254	1,870	1,831
90%	0	0	0	0	0	0	0	0	1,785	2,042	1,771	1,759

Table 5A-B5.3.8.1-B. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,364	1,225	516	0	0	0	0	0	2,476	3,259	2,719	2,661
Wet Water Years	1,373	1,199	166	0	0	0	0	0	2,612	3,891	3,506	3,552
Above Normal Water Years	2,096	1,374	375	0	0	0	0	0	2,945	3,784	3,063	3,208
Below Normal Water Years	1,530	1,357	757	0	0	0	0	0	2,466	3,323	2,459	2,234
Dry Water Years	1,187	1,335	756	0	0	0	0	0	2,358	2,371	1,934	1,834
Critical Water Years	639	768	782	0	0	0	0	0	1,909	2,025	1,776	1,691

Table 5A-B5.3.8.1-C. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,543	1,878	1,111	0	0	0	0	0	3,076	4,331	3,611	3,587
20%	2,434	1,691	973	0	0	0	0	0	2,900	3,915	3,490	3,418
30%	2,216	1,547	903	0	0	0	0	0	2,670	3,707	3,280	3,340
40%	1,894	1,423	768	0	0	0	0	0	2,578	3,527	3,083	3,014
50%	1,574	1,237	563	0	0	0	0	0	2,519	3,328	2,711	2,180
60%	0	1,041	0	0	0	0	0	0	2,448	3,106	2,486	1,986
70%	0	840	0	0	0	0	0	0	2,226	2,661	2,077	1,889
80%	0	0	0	0	0	0	0	0	1,942	2,248	1,898	1,831
90%	0	0	0	0	0	0	0	0	1,786	2,080	1,811	1,757

Table 5A-B5.3.8.1-D. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,187	1,085	495	0	0	0	0	0	2,468	3,226	2,721	2,614
Wet Water Years	1,277	1,031	159	0	0	0	0	0	2,625	3,831	3,462	3,542
Above Normal Water Years	1,436	1,303	352	0	0	0	0	0	2,949	3,713	3,158	3,205
Below Normal Water Years	1,393	1,146	727	0	0	0	0	0	2,464	3,294	2,462	2,076
Dry Water Years	1,062	1,216	719	0	0	0	0	0	2,288	2,383	1,987	1,834
Critical Water Years	448	783	761	0	0	0	0	0	1,895	2,031	1,776	1,693

Table 5A-B5.3.8.1-E. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	34	-28	-25	0	0	0	0	0	0	-24	-112	39
20%	55	-108	-42	0	0	0	0	0	12	-121	-79	22
30%	-16	-90	-38	0	0	0	0	0	-17	-45	24	30
40%	-247	-113	-12	0	0	0	0	0	4	-53	67	-86
50%	-266	-217	-28	0	0	0	0	0	-12	-42	-78	-314
60%	-1,543	-205	0	0	0	0	0	0	-2	-92	103	-156
70%	0	-212	0	0	0	0	0	0	80	-121	70	-44
80%	0	-779	0	0	0	0	0	0	6	-6	28	0
90%	0	0	0	0	0	0	0	0	1	37	40	-1

Table 5A-B5.3.8.1-F. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-178	-140	-21	0	0	0	0	0	-8	-33	2	-47
Wet Water Years	-96	-168	-7	0	0	0	0	0	13	-59	-44	-10
Above Normal Water Years	-660	-71	-23	0	0	0	0	0	5	-71	95	-3
Below Normal Water Years	-137	-211	-29	0	0	0	0	0	-2	-29	3	-158
Dry Water Years	-125	-120	-37	0	0	0	0	0	-71	12	53	0
Critical Water Years	-191	15	-21	0	0	0	0	0	-14	7	0	1

Table 5A-B5.3.8.2-A. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,543	1,878	1,106	0	0	0	0	0	3,065	4,274	3,602	3,587
20%	2,438	1,691	977	0	0	0	0	0	2,900	3,915	3,477	3,418
30%	2,208	1,540	910	0	0	0	0	0	2,653	3,707	3,271	3,325
40%	1,927	1,344	768	0	0	0	0	0	2,586	3,528	3,034	2,998
50%	1,489	1,222	560	0	0	0	0	0	2,519	3,321	2,789	2,175
60%	0	1,026	0	0	0	0	0	0	2,451	3,109	2,485	1,966
70%	0	836	0	0	0	0	0	0	2,244	2,716	2,077	1,883
80%	0	0	0	0	0	0	0	0	1,942	2,248	1,918	1,818
90%	0	0	0	0	0	0	0	0	1,786	2,072	1,844	1,754

Table 5A-B5.3.8.2-B. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,172	1,081	494	0	0	0	0	0	2,468	3,223	2,720	2,603
Wet Water Years	1,278	1,013	158	0	0	0	0	0	2,628	3,826	3,439	3,538
Above Normal Water Years	1,459	1,264	351	0	0	0	0	0	2,947	3,722	3,146	3,201
Below Normal Water Years	1,400	1,130	721	0	0	0	0	0	2,463	3,291	2,489	2,045
Dry Water Years	1,062	1,269	722	0	0	0	0	0	2,281	2,387	1,998	1,829
Critical Water Years	301	806	767	0	0	0	0	0	1,895	2,020	1,769	1,695

Table 5A-B5.3.8.2-C. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	34	-28	-30	0	0	0	0	0	-11	-81	-121	39
20%	59	-108	-38	0	0	0	0	0	12	-120	-92	22
30%	-25	-97	-31	0	0	0	0	0	-34	-45	15	15
40%	-214	-192	-11	0	0	0	0	0	11	-51	18	-102
50%	-350	-233	-31	0	0	0	0	0	-11	-48	0	-318
60%	-1,543	-220	0	0	0	0	0	0	1	-89	101	-175
70%	0	-216	0	0	0	0	0	0	98	-66	70	-51
80%	0	-779	0	0	0	0	0	0	6	-6	48	-13
90%	0	0	0	0	0	0	0	0	0	30	73	-4

Table 5A-B5.3.8.2-D. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-192	-144	-22	0	0	0	0	0	-8	-36	1	-58
Wet Water Years	-95	-186	-8	0	0	0	0	0	16	-65	-67	-14
Above Normal Water Years	-638	-110	-24	0	0	0	0	0	3	-62	82	-7
Below Normal Water Years	-131	-227	-36	0	0	0	0	0	-3	-31	30	-190
Dry Water Years	-125	-67	-34	0	0	0	0	0	-78	16	64	-5
Critical Water Years	-338	38	-14	0	0	0	0	0	-14	-5	-6	3

Table 5A-B5.3.8.3-A. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,543	1,878	1,097	0	0	0	0	0	3,065	4,273	3,583	3,552
20%	2,426	1,691	974	0	0	0	0	0	2,877	3,918	3,468	3,418
30%	2,205	1,536	903	0	0	0	0	0	2,673	3,707	3,271	3,328
40%	1,928	1,320	783	0	0	0	0	0	2,579	3,506	3,033	3,001
50%	1,493	1,169	560	0	0	0	0	0	2,519	3,315	2,786	2,173
60%	0	985	0	0	0	0	0	0	2,452	3,111	2,492	1,974
70%	0	834	0	0	0	0	0	0	2,233	2,731	2,076	1,878
80%	0	0	0	0	0	0	0	0	1,943	2,256	1,926	1,802
90%	0	0	0	0	0	0	0	0	1,785	2,069	1,755	1,730

Table 5A-B5.3.8.3-B. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,170	1,063	492	0	0	0	0	0	2,463	3,218	2,723	2,599
Wet Water Years	1,277	1,008	158	0	0	0	0	0	2,620	3,829	3,444	3,536
Above Normal Water Years	1,450	1,253	353	0	0	0	0	0	2,946	3,721	3,144	3,200
Below Normal Water Years	1,397	1,082	716	0	0	0	0	0	2,456	3,275	2,494	2,040
Dry Water Years	1,061	1,263	726	0	0	0	0	0	2,278	2,397	2,012	1,822
Critical Water Years	302	796	760	0	0	0	0	0	1,897	1,999	1,748	1,694

Table 5A-B5.3.8.3-C. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	34	-28	-38	0	0	0	0	0	-11	-82	-140	4
20%	47	-108	-42	0	0	0	0	0	-12	-118	-101	22
30%	-27	-100	-38	0	0	0	0	0	-14	-45	15	18
40%	-213	-215	4	0	0	0	0	0	4	-74	17	-99
50%	-347	-285	-32	0	0	0	0	0	-11	-55	-3	-321
60%	-1,543	-261	0	0	0	0	0	0	1	-87	109	-167
70%	0	-218	0	0	0	0	0	0	87	-50	70	-56
80%	0	-779	0	0	0	0	0	0	7	2	56	-30
90%	0	0	0	0	0	0	0	0	0	27	-16	-28

Table 5A-B5.3.8.3-D. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-195	-162	-24	0	0	0	0	0	-13	-40	4	-62
Wet Water Years	-96	-190	-8	0	0	0	0	0	8	-62	-61	-16
Above Normal Water Years	-646	-121	-22	0	0	0	0	0	2	-63	81	-8
Below Normal Water Years	-134	-274	-41	0	0	0	0	0	-10	-48	35	-195
Dry Water Years	-127	-72	-30	0	0	0	0	0	-80	26	77	-12
Critical Water Years	-337	28	-22	0	0	0	0	0	-12	-25	-28	2

Table 5A-B5.3.8.4-A. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,549	1,877	1,102	0	0	0	0	0	3,065	4,309	3,613	3,552
20%	2,414	1,692	978	0	0	0	0	0	2,876	3,903	3,477	3,443
30%	2,195	1,547	903	0	0	0	0	0	2,717	3,702	3,279	3,338
40%	1,928	1,324	783	0	0	0	0	0	2,583	3,520	3,043	3,000
50%	1,199	1,113	565	0	0	0	0	0	2,507	3,322	2,825	2,172
60%	0	930	0	0	0	0	0	0	2,425	3,108	2,479	1,970
70%	0	815	0	0	0	0	0	0	2,206	2,747	2,063	1,875
80%	0	0	0	0	0	0	0	0	1,944	2,237	1,917	1,799
90%	0	0	0	0	0	0	0	0	1,785	2,074	1,752	1,754

Table 5A-B5.3.8.4-B. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,150	1,054	495	0	0	0	0	0	2,462	3,218	2,720	2,601
Wet Water Years	1,219	1,007	158	0	0	0	0	0	2,615	3,829	3,453	3,538
Above Normal Water Years	1,460	1,256	353	0	0	0	0	0	2,944	3,720	3,155	3,215
Below Normal Water Years	1,394	1,065	724	0	0	0	0	0	2,459	3,282	2,491	2,035
Dry Water Years	1,060	1,235	726	0	0	0	0	0	2,278	2,391	1,978	1,820
Critical Water Years	303	798	758	0	0	0	0	0	1,906	1,984	1,738	1,696

Table 5A-B5.3.8.4-C. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	39	-29	-33	0	0	0	0	0	-11	-46	-110	4
20%	35	-107	-37	0	0	0	0	0	-12	-132	-92	46
30%	-37	-90	-38	0	0	0	0	0	29	-50	23	28
40%	-212	-211	3	0	0	0	0	0	8	-60	27	-100
50%	-641	-342	-27	0	0	0	0	0	-24	-48	36	-322
60%	-1,543	-316	0	0	0	0	0	0	-25	-90	96	-171
70%	0	-237	0	0	0	0	0	0	60	-35	56	-58
80%	0	-779	0	0	0	0	0	0	8	-17	47	-33
90%	0	0	0	0	0	0	0	0	0	31	-19	-5

Table 5A-B5.3.8.4-D. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-214	-171	-21	0	0	0	0	0	-13	-41	1	-60
Wet Water Years	-154	-192	-8	0	0	0	0	0	3	-62	-53	-13
Above Normal Water Years	-636	-118	-22	0	0	0	0	0	-1	-64	92	7
Below Normal Water Years	-136	-292	-32	0	0	0	0	0	-7	-41	32	-199
Dry Water Years	-127	-101	-29	0	0	0	0	0	-80	20	43	-14
Critical Water Years	-336	30	-24	0	0	0	0	0	-4	-40	-37	5

Table 5A-B5.3.8.5-A. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,544	1,878	1,097	0	0	0	0	0	3,065	4,273	3,583	3,552
20%	2,426	1,691	973	0	0	0	0	0	2,877	3,918	3,477	3,418
30%	2,205	1,536	910	0	0	0	0	0	2,673	3,707	3,271	3,328
40%	1,928	1,320	784	0	0	0	0	0	2,579	3,506	3,033	3,001
50%	1,493	1,169	560	0	0	0	0	0	2,519	3,309	2,786	2,173
60%	0	985	0	0	0	0	0	0	2,452	3,110	2,491	1,974
70%	0	834	0	0	0	0	0	0	2,233	2,731	2,076	1,878
80%	0	0	0	0	0	0	0	0	1,943	2,256	1,926	1,802
90%	0	0	0	0	0	0	0	0	1,785	2,069	1,755	1,730

Table 5A-B5.3.8.5-B. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,169	1,063	493	0	0	0	0	0	2,463	3,218	2,724	2,598
Wet Water Years	1,275	1,008	158	0	0	0	0	0	2,620	3,830	3,449	3,532
Above Normal Water Years	1,450	1,253	353	0	0	0	0	0	2,946	3,721	3,144	3,200
Below Normal Water Years	1,396	1,081	720	0	0	0	0	0	2,456	3,273	2,494	2,040
Dry Water Years	1,061	1,263	726	0	0	0	0	0	2,279	2,397	2,012	1,822
Critical Water Years	302	796	760	0	0	0	0	0	1,897	1,999	1,748	1,694

Table 5A-B5.3.8.5-C. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	34	-28	-38	0	0	0	0	0	-11	-82	-140	4
20%	47	-108	-42	0	0	0	0	0	-12	-118	-92	22
30%	-28	-101	-31	0	0	0	0	0	-14	-45	15	18
40%	-213	-216	4	0	0	0	0	0	4	-74	17	-99
50%	-347	-285	-32	0	0	0	0	0	-11	-61	-3	-321
60%	-1,543	-261	0	0	0	0	0	0	1	-88	108	-167
70%	0	-218	0	0	0	0	0	0	87	-50	69	-56
80%	0	-779	0	0	0	0	0	0	7	2	56	-30
90%	0	0	0	0	0	0	0	0	0	27	-16	-28

Table 5A-B5.3.8.5-D. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-195	-162	-22	0	0	0	0	0	-13	-41	5	-63
Wet Water Years	-98	-191	-8	0	0	0	0	0	8	-61	-57	-19
Above Normal Water Years	-646	-121	-22	0	0	0	0	0	2	-63	80	-8
Below Normal Water Years	-134	-276	-37	0	0	0	0	0	-10	-50	35	-195
Dry Water Years	-127	-72	-30	0	0	0	0	0	-80	26	77	-12
Critical Water Years	-337	28	-22	0	0	0	0	0	-12	-25	-27	2

B.3.9 Georgiana Slough

Figure 5A-B5.3.9.1-A. Georgiana Slough Monthly Flow (C_SAC029b), Probability of Exceedance for No Project Alternative, October to March

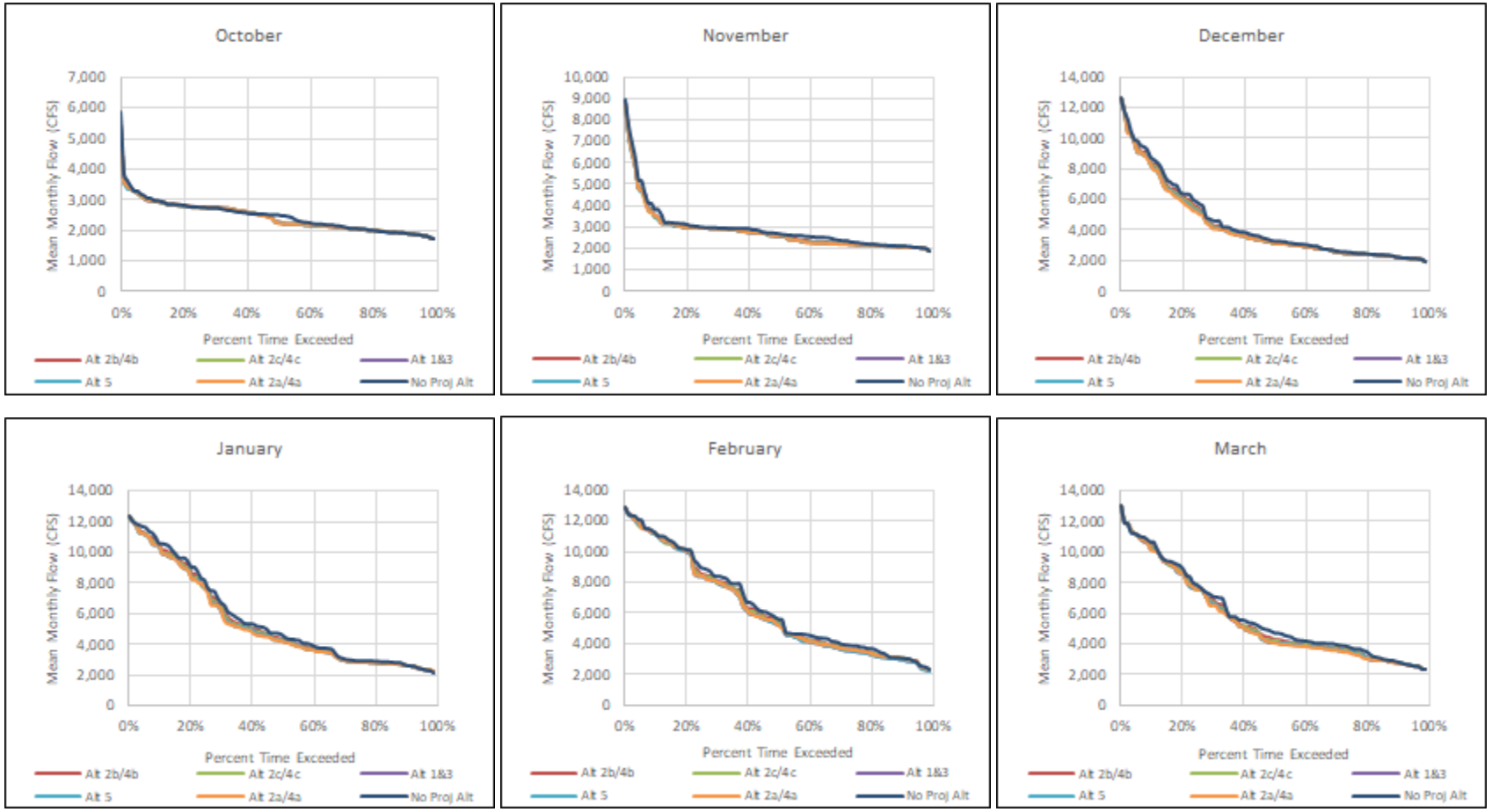


Figure 5A-B5.3.9.1-B. Georgiana Slough Monthly Flow (C_SAC029b), Probability of Exceedance for No Project Alternative, April to September

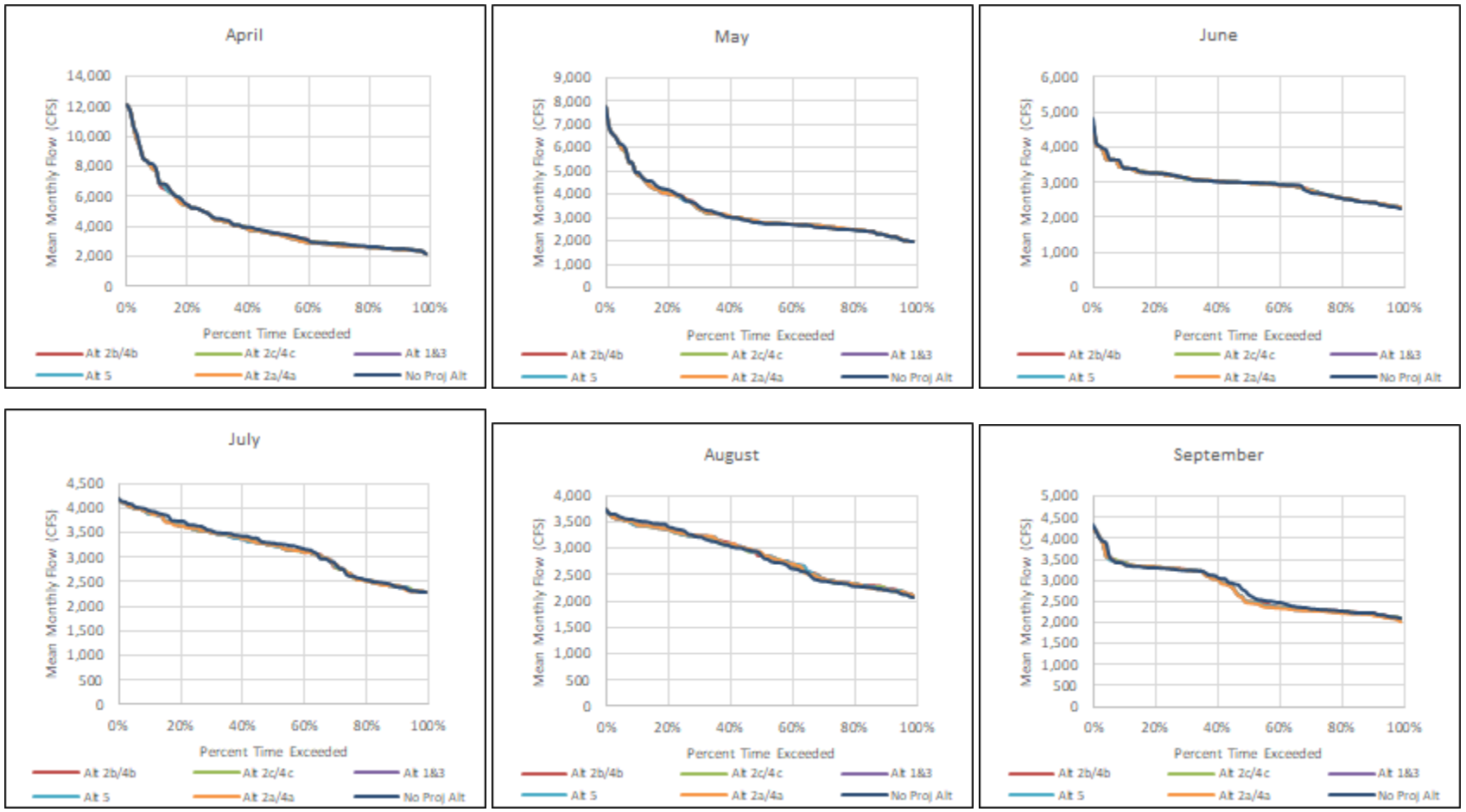


Table 5A-B5.3.9.1-A. Georgiana Slough Monthly Flow (C_SAC029b), Exceedance Probabilities for Monthly Flow (cubic feet per second), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,026	3,816	8,746	10,578	11,197	10,677	7,569	4,951	3,425	3,937	3,520	3,404
20%	2,828	3,114	6,436	9,148	10,150	8,986	5,494	4,223	3,269	3,726	3,418	3,304
30%	2,740	2,950	4,662	6,741	8,418	7,141	4,558	3,526	3,145	3,539	3,212	3,247
40%	2,581	2,916	3,898	5,330	6,747	5,566	3,987	3,047	3,031	3,425	3,053	3,109
50%	2,506	2,691	3,318	4,631	5,647	4,769	3,569	2,808	2,994	3,287	2,904	2,708
60%	2,263	2,554	3,083	3,962	4,580	4,214	3,161	2,734	2,941	3,174	2,636	2,476
70%	2,152	2,382	2,698	3,097	4,082	3,998	2,876	2,595	2,740	2,899	2,387	2,339
80%	2,008	2,193	2,483	2,914	3,699	3,544	2,700	2,506	2,560	2,550	2,297	2,271
90%	1,926	2,101	2,287	2,710	3,075	2,877	2,530	2,311	2,425	2,410	2,231	2,223

Table 5A-B5.3.9.1-B. Georgiana Slough Monthly Flow (C_SAC029b), Monthly Flow (cubic feet per second), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,493	2,940	4,488	5,665	6,526	5,867	4,334	3,343	2,988	3,214	2,857	2,819
Wet Water Years	2,680	3,590	6,639	8,726	9,317	8,331	6,209	4,255	3,166	3,631	3,376	3,407
Above Normal Water Years	2,628	2,977	4,378	6,514	7,827	7,262	3,996	3,601	3,305	3,560	3,084	3,180
Below Normal Water Years	2,449	2,702	3,430	4,007	5,225	4,457	3,585	3,015	2,940	3,256	2,686	2,537
Dry Water Years	2,328	2,431	2,931	3,397	4,342	4,180	3,024	2,628	2,859	2,628	2,339	2,273
Critical Water Years	2,167	2,238	2,767	2,845	3,241	3,065	2,586	2,186	2,517	2,399	2,235	2,179

Table 5A-B5.3.9.1-C. Georgiana Slough Monthly Flow (C_SAC029b), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,973	3,454	8,406	10,394	11,179	10,525	7,515	4,916	3,425	3,921	3,446	3,430
20%	2,802	2,976	6,207	8,825	10,113	8,708	5,494	4,084	3,276	3,647	3,366	3,319
30%	2,742	2,917	4,357	6,490	8,102	6,972	4,528	3,426	3,103	3,509	3,228	3,267
40%	2,621	2,770	3,721	5,038	6,328	5,183	3,956	3,083	3,032	3,390	3,098	3,052
50%	2,288	2,591	3,205	4,332	5,472	4,334	3,559	2,826	2,988	3,259	2,852	2,501
60%	2,180	2,365	2,973	3,731	4,235	4,038	3,184	2,744	2,934	3,113	2,704	2,373
70%	2,103	2,231	2,603	2,957	3,855	3,753	2,876	2,616	2,804	2,819	2,433	2,310
80%	2,011	2,175	2,457	2,795	3,429	3,233	2,665	2,511	2,560	2,547	2,315	2,271
90%	1,926	2,060	2,263	2,639	3,038	2,805	2,542	2,307	2,427	2,435	2,258	2,222

Table 5A-B5.3.9.1-D. Georgiana Slough Monthly Flow (C_SAC029b), Monthly Flow (cubic feet per second), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,457	2,830	4,337	5,447	6,308	5,666	4,299	3,327	2,980	3,192	2,859	2,788
Wet Water Years	2,617	3,426	6,409	8,446	9,118	8,157	6,140	4,191	3,170	3,592	3,348	3,400
Above Normal Water Years	2,557	2,839	4,181	6,248	7,586	6,960	3,958	3,583	3,309	3,513	3,147	3,178
Below Normal Water Years	2,445	2,584	3,331	3,801	5,011	4,225	3,555	3,024	2,939	3,236	2,687	2,433
Dry Water Years	2,315	2,395	2,824	3,218	4,001	3,941	3,014	2,665	2,805	2,635	2,374	2,273
Critical Water Years	2,135	2,224	2,700	2,767	3,125	2,982	2,602	2,185	2,506	2,403	2,235	2,180

Table 5A-B5.3.9.1-E. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-53	-362	-340	-184	-18	-152	-54	-35	0	-16	-74	26
20%	-27	-138	-229	-323	-37	-279	0	-139	7	-80	-52	14
30%	3	-33	-306	-251	-316	-170	-30	-100	-42	-30	16	20
40%	40	-146	-177	-292	-419	-383	-31	36	1	-35	44	-57
50%	-218	-100	-113	-299	-174	-435	-10	18	-7	-28	-51	-207
60%	-83	-189	-109	-231	-344	-175	23	10	-8	-61	68	-103
70%	-50	-151	-95	-140	-227	-246	0	22	64	-80	46	-29
80%	3	-19	-26	-119	-271	-311	-35	4	0	-4	19	0
90%	0	-41	-24	-71	-37	-71	12	-3	2	25	27	-1

Table 5A-B5.3.9.1-F. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-36	-110	-151	-218	-218	-200	-36	-16	-8	-22	2	-31
Wet Water Years	-63	-164	-229	-281	-199	-174	-69	-64	4	-39	-29	-7
Above Normal Water Years	-71	-138	-196	-265	-241	-302	-38	-18	4	-47	62	-2
Below Normal Water Years	-4	-118	-98	-206	-214	-232	-30	9	-2	-19	2	-104
Dry Water Years	-13	-37	-107	-179	-342	-239	-10	37	-54	8	35	0
Critical Water Years	-32	-13	-67	-78	-116	-83	17	0	-11	5	0	1

Table 5A-B5.3.9.2-A. Georgiana Slough Monthly Flow (C_SAC029b), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,973	3,436	8,311	10,319	11,179	10,358	7,540	4,916	3,422	3,883	3,440	3,430
20%	2,811	2,976	6,090	8,619	10,114	8,699	5,428	4,075	3,275	3,647	3,357	3,319
30%	2,743	2,917	4,271	6,406	7,970	6,764	4,500	3,416	3,100	3,509	3,221	3,257
40%	2,622	2,755	3,671	5,017	6,224	5,159	3,956	3,083	3,035	3,391	3,065	3,041
50%	2,274	2,575	3,171	4,270	5,398	4,211	3,514	2,824	2,988	3,255	2,904	2,498
60%	2,180	2,311	2,968	3,686	4,218	3,958	3,049	2,740	2,940	3,115	2,703	2,360
70%	2,102	2,218	2,603	2,957	3,797	3,683	2,896	2,627	2,782	2,855	2,433	2,305
80%	2,011	2,165	2,472	2,788	3,397	3,202	2,667	2,510	2,560	2,546	2,329	2,262
90%	1,926	2,086	2,291	2,641	3,060	2,797	2,529	2,307	2,426	2,430	2,280	2,221

Table 5A-B5.3.9.2-B. Georgiana Slough Monthly Flow (C_SAC029b), Monthly Flow (cubic feet per second), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,457	2,814	4,296	5,386	6,258	5,608	4,292	3,326	2,980	3,190	2,858	2,781
Wet Water Years	2,611	3,403	6,325	8,343	9,089	8,122	6,138	4,180	3,172	3,588	3,332	3,398
Above Normal Water Years	2,577	2,800	4,126	6,170	7,476	6,837	3,966	3,586	3,307	3,519	3,139	3,175
Below Normal Water Years	2,448	2,566	3,308	3,753	4,938	4,139	3,554	3,019	2,938	3,235	2,705	2,412
Dry Water Years	2,316	2,385	2,823	3,189	3,940	3,885	2,966	2,690	2,800	2,638	2,381	2,270
Critical Water Years	2,130	2,247	2,699	2,766	3,123	2,963	2,604	2,188	2,506	2,396	2,230	2,181

Table 5A-B5.3.9.2-C. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-53	-380	-435	-258	-18	-319	-29	-35	-3	-53	-80	26
20%	-17	-138	-346	-528	-36	-287	-66	-148	7	-79	-61	14
30%	3	-33	-392	-334	-448	-377	-58	-109	-44	-30	10	10
40%	41	-160	-227	-313	-524	-407	-31	37	5	-34	12	-68
50%	-232	-116	-147	-360	-249	-559	-55	17	-6	-32	0	-210
60%	-83	-243	-115	-277	-362	-256	-112	6	-2	-59	67	-116
70%	-50	-164	-95	-140	-285	-315	20	33	42	-44	46	-34
80%	4	-28	-10	-126	-302	-342	-33	4	0	-4	32	-9
90%	0	-15	5	-69	-15	-80	-2	-3	2	20	48	-3

Table 5A-B5.3.9.2-D. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-36	-126	-192	-279	-268	-259	-43	-17	-9	-24	1	-38
Wet Water Years	-68	-187	-314	-383	-227	-208	-71	-74	6	-43	-44	-9
Above Normal Water Years	-51	-177	-251	-344	-351	-425	-30	-15	2	-41	54	-5
Below Normal Water Years	-1	-136	-121	-254	-288	-319	-31	3	-2	-21	20	-125
Dry Water Years	-12	-46	-108	-208	-402	-294	-57	62	-59	10	42	-3
Critical Water Years	-37	10	-68	-78	-118	-102	18	2	-11	-3	-4	2

Table 5A-B5.3.9.3-A. Georgiana Slough Monthly Flow (C_SAC029b), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,973	3,535	8,259	10,294	11,179	10,211	7,540	4,916	3,422	3,883	3,427	3,407
20%	2,804	2,977	5,983	8,524	10,026	8,633	5,422	4,058	3,260	3,649	3,351	3,319
30%	2,745	2,917	4,204	6,223	8,058	6,663	4,492	3,419	3,133	3,509	3,222	3,259
40%	2,599	2,767	3,659	4,908	6,197	5,110	3,888	3,045	3,028	3,376	3,064	3,043
50%	2,274	2,569	3,184	4,207	5,302	4,085	3,495	2,804	2,988	3,251	2,902	2,497
60%	2,182	2,292	2,966	3,648	4,175	3,870	2,974	2,740	2,941	3,116	2,707	2,365
70%	2,102	2,211	2,603	2,957	3,741	3,642	2,779	2,678	2,774	2,865	2,433	2,302
80%	2,008	2,155	2,450	2,785	3,393	3,187	2,650	2,512	2,559	2,552	2,334	2,252
90%	1,926	2,085	2,292	2,634	3,036	2,792	2,516	2,307	2,427	2,428	2,221	2,205

Table 5A-B5.3.9.3-B. Georgiana Slough Monthly Flow (C_SAC029b), Monthly Flow (cubic feet per second), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,454	2,810	4,262	5,341	6,229	5,576	4,267	3,325	2,976	3,187	2,860	2,778
Wet Water Years	2,604	3,405	6,260	8,265	9,089	8,133	6,137	4,176	3,166	3,590	3,336	3,397
Above Normal Water Years	2,584	2,788	4,098	6,110	7,435	6,756	3,970	3,588	3,307	3,519	3,138	3,175
Below Normal Water Years	2,442	2,558	3,289	3,721	4,878	4,084	3,521	3,020	2,933	3,224	2,708	2,409
Dry Water Years	2,316	2,380	2,827	3,169	3,899	3,799	2,918	2,690	2,798	2,645	2,390	2,265
Critical Water Years	2,130	2,240	2,676	2,763	3,101	2,961	2,538	2,189	2,507	2,382	2,216	2,180

Table 5A-B5.3.9.3-C. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-53	-282	-487	-283	-18	-466	-29	-35	-3	-54	-93	3
20%	-24	-138	-453	-624	-124	-353	-73	-165	-8	-78	-67	14
30%	5	-34	-458	-518	-360	-479	-66	-107	-12	-30	10	12
40%	19	-149	-239	-422	-550	-455	-99	-1	-3	-49	11	-66
50%	-232	-122	-135	-423	-345	-684	-74	-4	-6	-36	-2	-212
60%	-81	-262	-116	-315	-404	-343	-187	7	0	-57	72	-111
70%	-50	-171	-95	-140	-341	-357	-97	83	34	-33	46	-37
80%	0	-38	-32	-128	-306	-357	-50	5	0	1	37	-20
90%	0	-17	5	-76	-39	-84	-14	-4	2	18	-11	-19

Table 5A-B5.3.9.3-D. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-39	-130	-226	-324	-297	-291	-68	-18	-12	-27	2	-41
Wet Water Years	-76	-184	-379	-461	-227	-197	-72	-78	0	-41	-41	-10
Above Normal Water Years	-44	-189	-280	-403	-392	-507	-26	-13	1	-41	53	-5
Below Normal Water Years	-7	-144	-141	-286	-347	-373	-64	5	-8	-32	23	-128
Dry Water Years	-12	-51	-104	-228	-443	-381	-106	62	-61	17	51	-8
Critical Water Years	-37	2	-91	-82	-140	-104	-48	3	-9	-17	-18	2

Table 5A-B5.3.9.4-A. Georgiana Slough Monthly Flow (C_SAC029b), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,974	3,510	8,220	10,299	11,180	10,166	7,483	4,917	3,421	3,907	3,447	3,407
20%	2,809	2,977	5,909	8,472	10,046	8,634	5,420	4,058	3,259	3,639	3,357	3,335
30%	2,746	2,916	4,129	6,249	8,023	6,525	4,476	3,419	3,144	3,506	3,227	3,266
40%	2,615	2,763	3,661	4,828	6,178	5,111	3,891	3,098	3,040	3,386	3,071	3,043
50%	2,256	2,581	3,164	4,183	5,207	4,082	3,492	2,826	2,980	3,255	2,927	2,496
60%	2,199	2,246	2,964	3,626	4,127	3,846	2,964	2,743	2,917	3,114	2,699	2,363
70%	2,104	2,196	2,603	2,983	3,696	3,591	2,752	2,678	2,771	2,876	2,424	2,300
80%	2,009	2,153	2,450	2,785	3,392	3,072	2,650	2,520	2,559	2,539	2,328	2,250
90%	1,926	2,056	2,290	2,634	3,048	2,770	2,514	2,304	2,427	2,431	2,219	2,220

Table 5A-B5.3.9.4-B. Georgiana Slough Monthly Flow (C_SAC029b), Monthly Flow (cubic feet per second), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,455	2,805	4,242	5,317	6,212	5,545	4,262	3,331	2,976	3,186	2,858	2,779
Wet Water Years	2,597	3,393	6,227	8,226	9,082	8,131	6,140	4,183	3,162	3,590	3,342	3,398
Above Normal Water Years	2,585	2,793	4,068	6,091	7,402	6,700	3,960	3,589	3,305	3,518	3,145	3,185
Below Normal Water Years	2,451	2,556	3,273	3,700	4,859	4,051	3,507	3,018	2,935	3,229	2,707	2,406
Dry Water Years	2,317	2,373	2,827	3,147	3,869	3,702	2,905	2,720	2,798	2,641	2,368	2,264
Critical Water Years	2,136	2,242	2,662	2,772	3,097	2,953	2,539	2,185	2,514	2,372	2,210	2,182

Table 5A-B5.3.9.4-C. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-52	-306	-526	-279	-18	-511	-86	-35	-4	-30	-73	3
20%	-20	-138	-528	-676	-104	-352	-74	-165	-9	-87	-61	30
30%	6	-34	-533	-492	-395	-616	-81	-107	-1	-33	15	18
40%	35	-152	-237	-502	-569	-455	-96	52	9	-39	18	-66
50%	-250	-110	-154	-448	-440	-687	-78	19	-14	-32	23	-212
60%	-64	-308	-118	-336	-453	-368	-197	9	-24	-60	63	-113
70%	-48	-186	-95	-114	-386	-407	-124	83	31	-23	37	-38
80%	1	-40	-33	-129	-307	-472	-50	14	0	-11	31	-21
90%	0	-45	3	-77	-27	-107	-17	-7	2	21	-13	-3

Table 5A-B5.3.9.4-D. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-38	-135	-246	-348	-313	-322	-73	-12	-12	-27	1	-40
Wet Water Years	-83	-197	-412	-500	-235	-200	-69	-71	-4	-41	-35	-9
Above Normal Water Years	-43	-184	-310	-422	-425	-562	-36	-12	-1	-42	61	5
Below Normal Water Years	2	-146	-157	-308	-367	-406	-78	3	-5	-27	21	-131
Dry Water Years	-11	-59	-103	-250	-473	-477	-118	92	-61	13	29	-9
Critical Water Years	-31	4	-105	-73	-145	-113	-47	-1	-3	-26	-25	3

Table 5A-B5.3.9.5-A. Georgiana Slough Monthly Flow (C_SAC029b), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,973	3,455	8,213	10,267	11,122	10,211	7,540	4,916	3,422	3,883	3,427	3,407
20%	2,804	2,976	5,983	8,524	10,042	8,604	5,422	4,059	3,260	3,649	3,358	3,319
30%	2,745	2,917	4,204	6,219	8,058	6,663	4,493	3,419	3,133	3,509	3,222	3,259
40%	2,599	2,783	3,651	4,908	6,197	5,110	3,888	3,045	3,028	3,376	3,064	3,043
50%	2,274	2,569	3,184	4,207	5,302	4,086	3,495	2,804	2,988	3,247	2,901	2,497
60%	2,181	2,292	2,966	3,648	4,175	3,870	2,974	2,740	2,941	3,115	2,707	2,365
70%	2,103	2,212	2,603	2,957	3,741	3,642	2,779	2,678	2,774	2,865	2,433	2,302
80%	2,009	2,155	2,450	2,785	3,393	3,187	2,650	2,512	2,559	2,552	2,334	2,252
90%	1,926	2,085	2,292	2,634	3,036	2,792	2,516	2,307	2,427	2,428	2,221	2,205

Table 5A-B5.3.9.5-B. Georgiana Slough Monthly Flow (C_SAC029b), Monthly Flow (cubic feet per second), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,453	2,805	4,260	5,336	6,224	5,573	4,267	3,326	2,976	3,187	2,861	2,777
Wet Water Years	2,600	3,395	6,256	8,253	9,086	8,133	6,137	4,180	3,166	3,590	3,339	3,394
Above Normal Water Years	2,584	2,779	4,090	6,107	7,426	6,751	3,970	3,589	3,307	3,519	3,137	3,175
Below Normal Water Years	2,442	2,556	3,289	3,721	4,870	4,076	3,521	3,020	2,933	3,223	2,708	2,409
Dry Water Years	2,316	2,380	2,827	3,169	3,899	3,799	2,918	2,690	2,798	2,645	2,390	2,265
Critical Water Years	2,130	2,240	2,676	2,763	3,101	2,961	2,538	2,189	2,507	2,382	2,216	2,180

Table 5A-B5.3.9.5-C. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-53	-361	-533	-311	-76	-466	-29	-35	-3	-54	-93	3
20%	-24	-138	-453	-623	-108	-382	-73	-164	-8	-78	-60	14
30%	5	-34	-459	-522	-360	-479	-64	-107	-12	-30	10	12
40%	18	-133	-247	-422	-550	-456	-99	-1	-2	-49	11	-66
50%	-232	-122	-135	-423	-345	-684	-74	-4	-6	-40	-2	-212
60%	-82	-262	-116	-314	-404	-343	-187	7	0	-58	71	-110
70%	-49	-170	-95	-140	-341	-357	-97	83	34	-33	46	-37
80%	1	-38	-32	-128	-306	-357	-50	5	0	1	37	-20
90%	0	-17	5	-76	-39	-84	-14	-4	2	18	-11	-19

Table 5A-B5.3.9.5-D. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-40	-135	-228	-329	-302	-294	-67	-16	-12	-27	3	-41
Wet Water Years	-80	-194	-383	-473	-231	-197	-72	-75	0	-40	-38	-13
Above Normal Water Years	-44	-197	-287	-406	-401	-512	-26	-12	1	-41	53	-5
Below Normal Water Years	-7	-146	-141	-286	-356	-381	-64	5	-8	-33	23	-128
Dry Water Years	-12	-52	-104	-228	-443	-381	-106	62	-61	17	51	-8
Critical Water Years	-37	2	-91	-82	-140	-104	-48	3	-9	-17	-18	2

B.3.10 X2 Location for Current Month

Figure 5A-B5.3.10.1-A. X2 Position for Current Month (X2), Probability of Exceedance for No Project Alternative, October to March

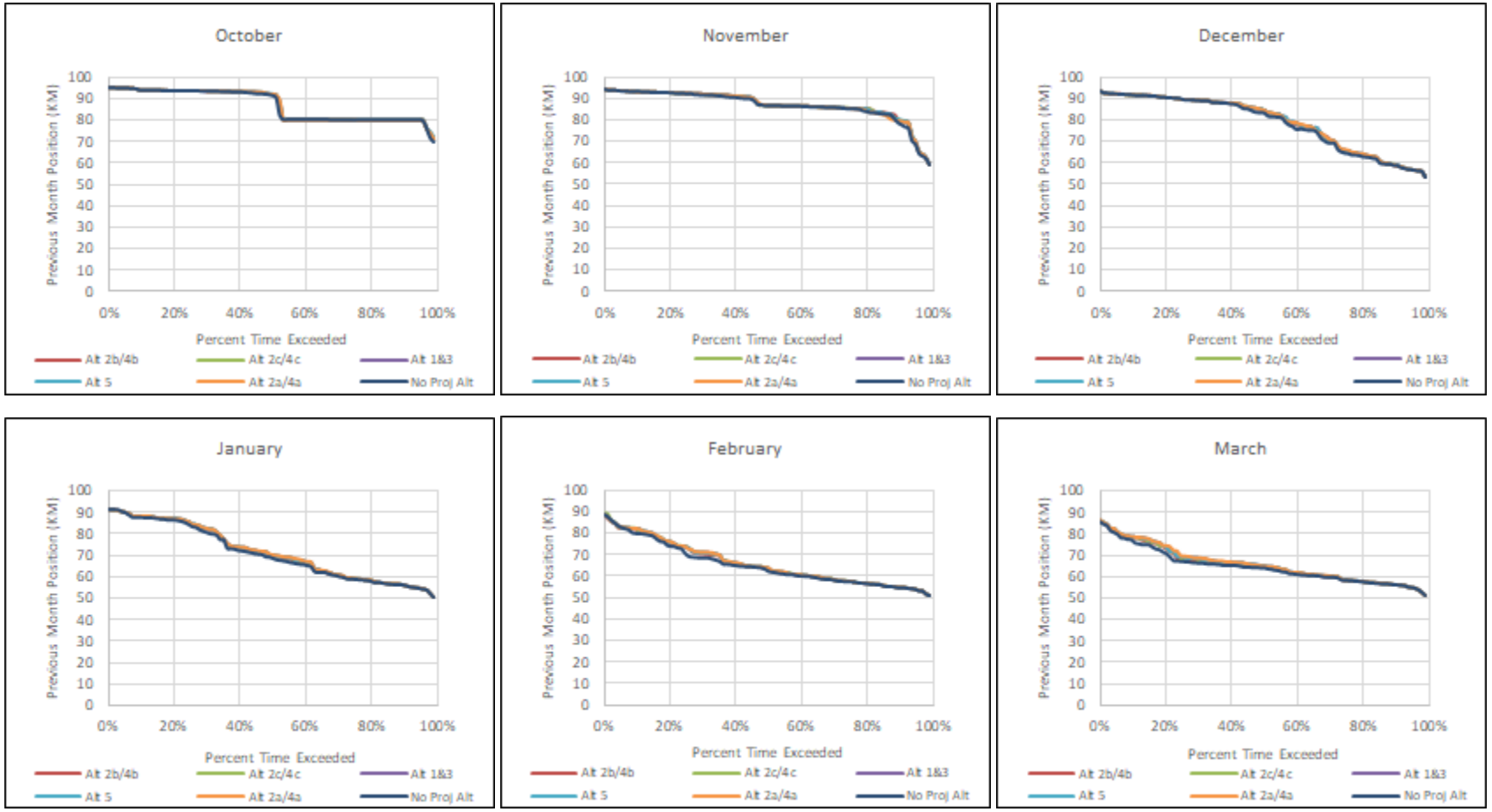


Figure 5A-B5.3.10.1-B. X2 Position for Current Month (X2), Probability of Exceedance for No Project Alternative, April to September

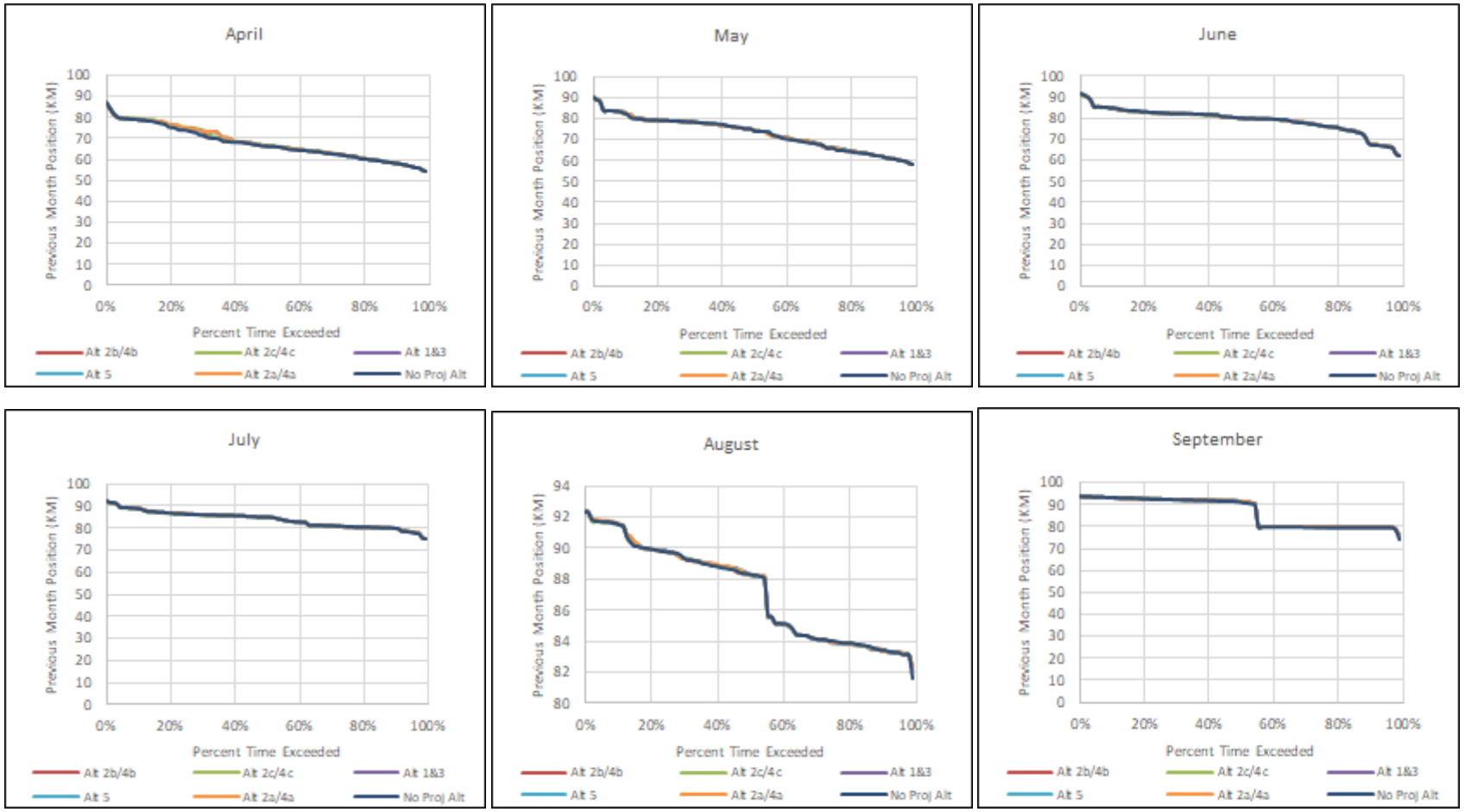


Table 5A-B5.3.10.1-A. X2 Position for Previous Month (X2), Exceedance Probabilities for Monthly Position (kilometers), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	94	93	92	88	80	77	79	82	85	89	92	93
20%	94	93	91	86	74	71	76	79	83	87	90	93
30%	93	92	89	81	68	66	72	78	82	86	89	93
40%	93	90	88	72	65	65	69	77	82	86	89	92
50%	92	87	84	69	63	64	67	75	80	85	88	92
60%	80	86	76	66	60	61	65	70	80	83	85	80
70%	80	86	70	60	59	60	63	68	78	81	84	80
80%	80	84	63	58	57	58	61	65	76	81	84	80
90%	80	79	59	56	55	56	59	62	69	80	83	80

Table 5A-B5.3.10.1-B. X2 Position for Previous Month (X2), Monthly Position (kilometers), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	87	87	79	71	65	65	68	73	79	84	87	87
Wet Water Years	85	83	68	59	57	58	61	66	74	80	84	80
Above Normal Water Years	84	86	77	64	60	60	65	71	77	82	85	80
Below Normal Water Years	87	88	84	75	67	67	70	74	81	86	89	92
Dry Water Years	88	90	88	81	71	68	73	78	83	87	90	93
Critical Water Years	91	92	89	85	79	77	80	84	87	90	92	94

Table 5A-B5.3.10.1-C. X2 Position for Previous Month (X2), Exceedance Probabilities for Monthly Position (kilometers), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	94	93	92	88	82	78	79	82	85	89	92	93
20%	94	93	91	87	76	74	77	79	83	87	90	93
30%	94	92	90	83	71	68	74	78	82	86	89	93
40%	93	91	88	74	66	66	69	77	82	86	89	92
50%	92	87	85	70	64	65	67	75	80	85	88	92
60%	80	86	79	67	61	62	65	71	80	83	85	80
70%	80	86	72	61	59	60	63	68	78	81	84	80
80%	80	85	64	58	57	58	61	65	76	80	84	80
90%	80	81	59	56	55	56	59	63	69	80	83	80

Table 5A-B5.3.10.1-D. X2 Position for Previous Month (X2), Monthly Position (kilometers), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	87	87	79	71	66	65	68	73	79	84	87	87
Wet Water Years	86	83	68	59	57	59	61	66	74	80	84	80
Above Normal Water Years	84	87	77	65	60	60	65	71	77	82	85	80
Below Normal Water Years	87	88	85	76	68	68	70	74	81	85	89	92
Dry Water Years	88	90	88	82	73	70	73	78	83	87	90	93
Critical Water Years	91	92	89	86	80	78	80	84	87	90	92	94

Table 5A-B5.3.10.1-E. X2 Position for Previous Month (X2), Difference in Exceedance Probabilities for Monthly Position (kilometers), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	1	2	1	0	0	0	0	0	0
20%	0	0	0	1	1	2	1	0	0	0	0	0
30%	0	0	0	2	2	1	2	0	0	0	0	0
40%	0	1	0	1	1	1	0	-1	0	0	0	0
50%	1	0	1	1	1	1	0	0	0	0	0	0
60%	0	0	2	1	0	0	0	1	0	0	0	0
70%	0	0	3	0	0	0	0	0	0	0	0	0
80%	0	1	1	0	0	0	0	0	0	0	0	0
90%	0	2	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.10.1-F. X2 Position for Previous Month (X2), Difference in Monthly Position (kilometers), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	1	1	1	1	0	0	0	0	0	0
Wet Water Years	0	1	1	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	1	1	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	1	1	1	1	0	0	0	0	0	0
Dry Water Years	0	0	1	1	2	2	1	0	0	0	0	0
Critical Water Years	0	0	0	1	1	1	0	0	0	0	0	0

Table 5A-B5.3.10.2-A. X2 Position for Previous Month (X2), Exceedance Probabilities for Monthly Position (kilometers), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	94	93	92	88	82	78	79	82	85	89	92	93
20%	94	93	91	87	76	74	77	79	83	87	90	93
30%	94	92	90	83	71	68	74	78	82	86	89	93
40%	93	91	88	74	66	66	69	77	82	86	89	92
50%	92	87	85	70	64	65	67	75	80	85	88	92
60%	80	86	79	67	61	62	65	71	80	83	85	80
70%	80	86	71	61	59	60	63	68	78	81	84	80
80%	80	85	64	58	57	58	61	65	76	80	84	80
90%	80	80	60	56	55	56	59	63	69	80	83	80

Table 5A-B5.3.10.2-B. X2 Position for Previous Month (X2), Monthly Position (kilometers), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	87	87	79	72	66	65	68	73	79	84	87	87
Wet Water Years	86	84	68	60	57	59	61	67	74	80	84	80
Above Normal Water Years	84	86	77	65	60	60	65	71	77	82	85	80
Below Normal Water Years	87	88	85	77	69	68	70	74	81	86	89	92
Dry Water Years	88	90	88	82	73	70	74	78	83	87	90	93
Critical Water Years	91	92	89	86	80	78	79	84	87	90	92	94

Table 5A-B5.3.10.2-C. X2 Position for Previous Month (X2), Difference in Exceedance Probabilities for Monthly Position (kilometers), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	1	2	1	0	0	0	0	0	0
20%	0	0	0	1	2	3	1	0	0	0	0	0
30%	0	0	0	2	3	1	2	0	0	0	0	0
40%	0	1	0	2	1	1	0	-1	0	0	0	0
50%	1	0	1	1	1	1	0	0	0	0	0	0
60%	0	0	3	2	1	1	0	1	0	0	0	0
70%	0	0	2	0	0	0	0	0	0	0	0	0
80%	0	1	1	0	0	0	0	0	0	0	0	0
90%	0	1	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.10.2-D. X2 Position for Previous Month (X2), Difference in Monthly Position (kilometers), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	1	1	1	1	0	0	0	0	0	0
Wet Water Years	0	1	1	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	1	1	1	0	0	0	0	0	0	0
Below Normal Water Years	0	0	1	1	1	1	0	0	0	0	0	0
Dry Water Years	0	0	1	1	2	2	1	0	0	0	0	0
Critical Water Years	0	0	0	1	1	1	0	0	0	0	0	0

Table 5A-B5.3.10.3-A. X2 Position for Previous Month (X2), Exceedance Probabilities for Monthly Position (kilometers), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	94	93	92	88	82	78	79	83	85	89	92	93
20%	94	93	91	87	76	74	77	79	83	87	90	93
30%	94	92	90	83	71	68	74	78	82	86	89	93
40%	93	91	88	74	67	66	69	77	82	86	89	92
50%	92	87	85	70	64	65	67	75	80	85	88	92
60%	80	86	79	67	61	62	65	71	80	83	85	80
70%	80	86	72	61	59	60	63	68	78	81	84	80
80%	80	85	64	58	57	58	61	65	76	80	84	80
90%	80	80	59	56	55	56	59	63	69	80	83	80

Table 5A-B5.3.10.3-B. X2 Position for Previous Month (X2), Monthly Position (kilometers), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	87	87	79	72	66	66	68	73	79	84	87	87
Wet Water Years	86	84	69	60	57	59	61	67	74	80	84	80
Above Normal Water Years	84	86	77	65	61	60	65	71	77	82	85	80
Below Normal Water Years	87	88	85	77	69	68	70	74	81	86	89	92
Dry Water Years	88	90	88	82	73	70	74	78	83	87	90	93
Critical Water Years	91	92	89	86	81	78	80	85	87	90	92	94

Table 5A-B5.3.10.3-C. X2 Position for Previous Month (X2), Difference in Exceedance Probabilities for Monthly Position (kilometers), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	1	3	1	0	1	0	0	0	0
20%	0	0	0	1	2	3	1	0	0	0	0	0
30%	0	1	0	2	3	2	2	0	0	0	0	0
40%	0	1	0	2	1	1	0	-1	0	0	0	0
50%	1	0	1	1	1	1	0	0	0	0	0	0
60%	0	0	3	2	1	1	0	1	0	0	0	0
70%	0	0	2	0	0	0	0	0	0	0	0	0
80%	0	1	1	0	0	0	0	0	0	0	0	0
90%	0	1	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.10.3-D. X2 Position for Previous Month (X2), Difference in Monthly Position (kilometers), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	1	1	1	1	0	0	0	0	0	0
Wet Water Years	0	1	1	1	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	1	1	1	0	0	0	0	0	0	0
Below Normal Water Years	0	1	1	1	1	1	1	0	0	0	0	0
Dry Water Years	0	0	1	1	2	2	1	0	0	0	0	0
Critical Water Years	0	0	0	1	1	1	1	0	0	0	0	0

Table 5A-B5.3.10.4-A. X2 Position for Previous Month (X2), Exceedance Probabilities for Monthly Position (kilometers), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	94	93	92	88	82	78	79	83	85	89	92	93
20%	94	93	91	87	76	74	77	79	83	87	90	93
30%	94	92	90	83	71	69	74	78	82	86	89	93
40%	93	91	88	74	67	67	69	77	82	86	89	92
50%	92	87	85	70	64	65	67	75	80	85	88	92
60%	80	86	79	67	61	62	65	71	80	83	85	80
70%	80	86	72	61	59	60	63	68	78	81	84	80
80%	80	85	65	58	57	58	61	65	76	80	84	80
90%	80	80	59	56	55	56	59	63	69	80	83	80

Table 5A-B5.3.10.4-B. X2 Position for Previous Month (X2), Monthly Position (kilometers), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	87	87	79	72	66	66	69	73	79	84	87	87
Wet Water Years	86	83	68	60	58	59	61	67	74	80	84	80
Above Normal Water Years	84	86	78	65	61	60	65	71	77	82	85	80
Below Normal Water Years	87	88	85	77	69	68	70	74	81	86	89	92
Dry Water Years	88	90	88	82	73	71	74	78	83	87	90	93
Critical Water Years	91	92	89	86	81	78	80	85	87	90	92	94

Table 5A-B5.3.10.4-C. X2 Position for Previous Month (X2), Difference in Exceedance Probabilities for Monthly Position (kilometers), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	1	3	1	0	1	0	0	0	0
20%	0	0	0	1	2	3	1	0	0	0	0	0
30%	0	1	0	2	3	2	2	0	0	0	0	0
40%	0	1	0	2	1	1	0	-1	0	0	0	0
50%	1	0	1	2	1	1	0	0	0	0	0	0
60%	0	0	3	2	1	1	0	1	0	0	0	0
70%	0	0	2	0	0	1	0	0	0	0	0	0
80%	0	1	1	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.10.4-D. X2 Position for Previous Month (X2), Difference in Monthly Position (kilometers), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	1	1	1	1	1	0	0	0	0	0
Wet Water Years	0	0	1	1	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	1	1	1	0	0	0	0	0	0	0
Below Normal Water Years	0	1	1	1	1	1	1	0	0	0	0	0
Dry Water Years	0	0	1	2	2	3	2	0	0	0	0	0
Critical Water Years	0	0	0	1	1	1	1	0	0	0	0	0

Table 5A-B5.3.10.5-A. X2 Position for Previous Month (X2), Exceedance Probabilities for Monthly Position (kilometers), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	94	93	92	88	82	78	79	83	85	89	92	93
20%	94	93	91	87	76	74	77	79	83	87	90	93
30%	94	92	90	83	71	68	74	78	82	86	89	93
40%	93	91	88	74	67	66	69	77	82	86	89	92
50%	92	87	85	70	64	65	67	75	80	85	88	92
60%	80	86	79	67	61	62	65	71	80	83	85	80
70%	80	86	72	61	59	60	63	68	78	81	84	80
80%	80	85	64	58	57	58	61	65	76	80	84	80
90%	80	80	59	56	55	56	59	63	69	80	83	80

Table 5A-B5.3.10.5-B. X2 Position for Previous Month (X2), Monthly Position (kilometers), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	87	87	79	72	66	66	68	73	79	84	87	87
Wet Water Years	86	84	69	60	58	59	61	67	74	80	84	80
Above Normal Water Years	84	86	77	65	61	60	65	71	77	82	85	80
Below Normal Water Years	87	88	85	77	69	68	70	74	81	86	89	92
Dry Water Years	88	90	88	82	73	70	74	78	83	87	90	93
Critical Water Years	91	92	89	86	81	78	80	85	87	90	92	94

Table 5A-B5.3.10.5-C. X2 Position for Previous Month (X2), Difference in Exceedance Probabilities for Monthly Position (kilometers), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	1	3	1	0	1	0	0	0	0
20%	0	0	0	1	2	3	1	0	0	0	0	0
30%	0	1	0	2	3	2	2	0	0	0	0	0
40%	0	1	0	2	1	1	0	-1	0	0	0	0
50%	1	0	2	1	1	1	0	0	0	0	0	0
60%	0	0	3	2	1	1	0	1	0	0	0	0
70%	0	0	2	0	0	0	0	0	0	0	0	0
80%	0	1	1	0	0	0	0	0	0	0	0	0
90%	0	1	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.3.10.5-D. X2 Position for Previous Month (X2), Difference in Monthly Position (kilometers), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	1	1	1	1	0	0	0	0	0	0
Wet Water Years	0	1	1	1	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	1	1	1	0	0	0	0	0	0	0
Below Normal Water Years	0	1	1	1	1	1	1	0	0	0	0	0
Dry Water Years	0	0	1	1	2	2	1	0	0	0	0	0
Critical Water Years	0	0	0	1	1	1	1	0	0	0	0	0

B.4 Delta Diversions and Exports Results

B.4.1 Total SWP and CVP Delta Exports (including Barker Slough Pumping Plant)

Figure 5A-B5.4.1.1-A. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Probability of Exceedance for No Project Alternatives, October to March

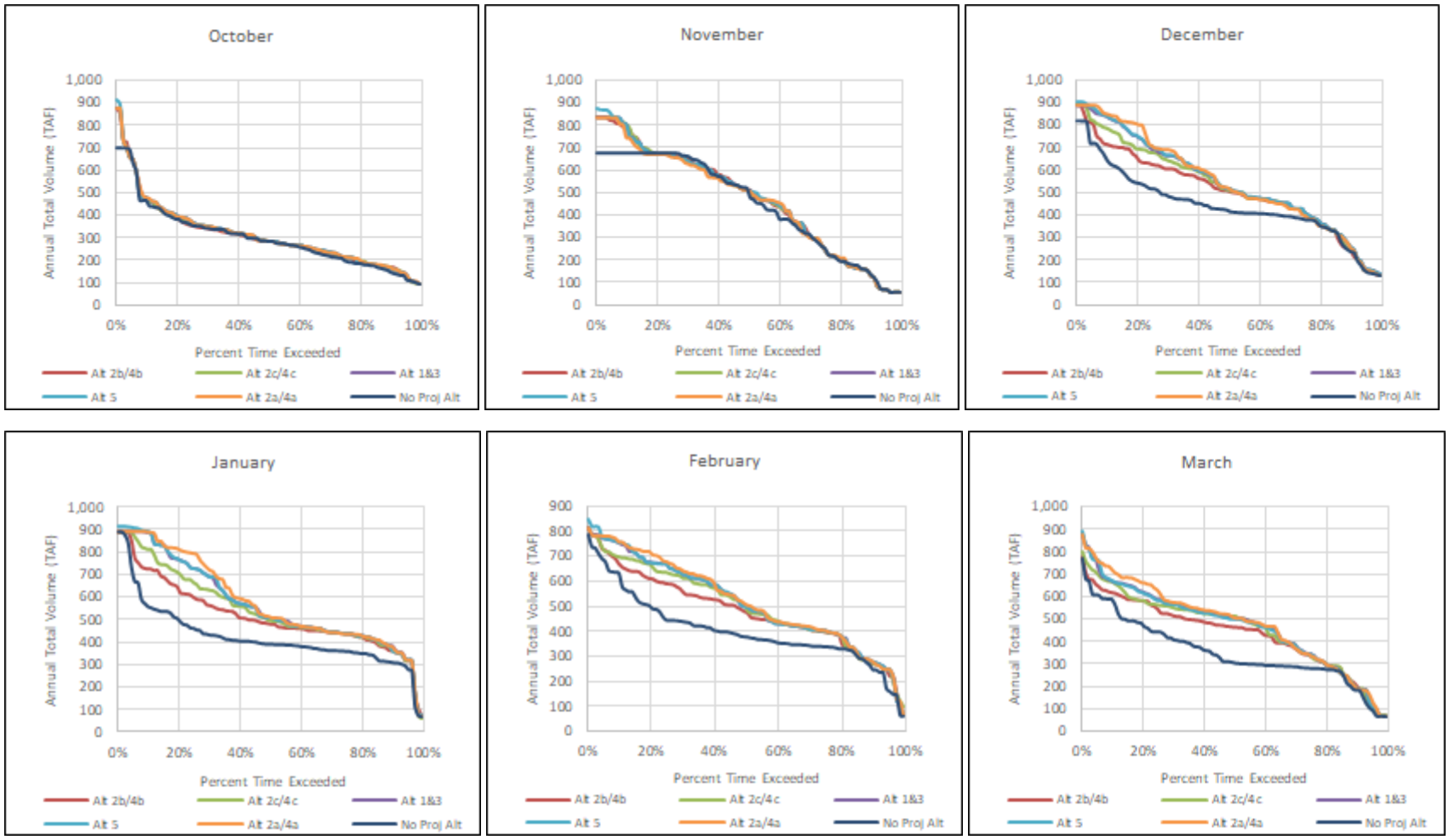


Figure 5A-B5.4.1.1-B. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Probability of Exceedance for No Project Alternatives, April to September

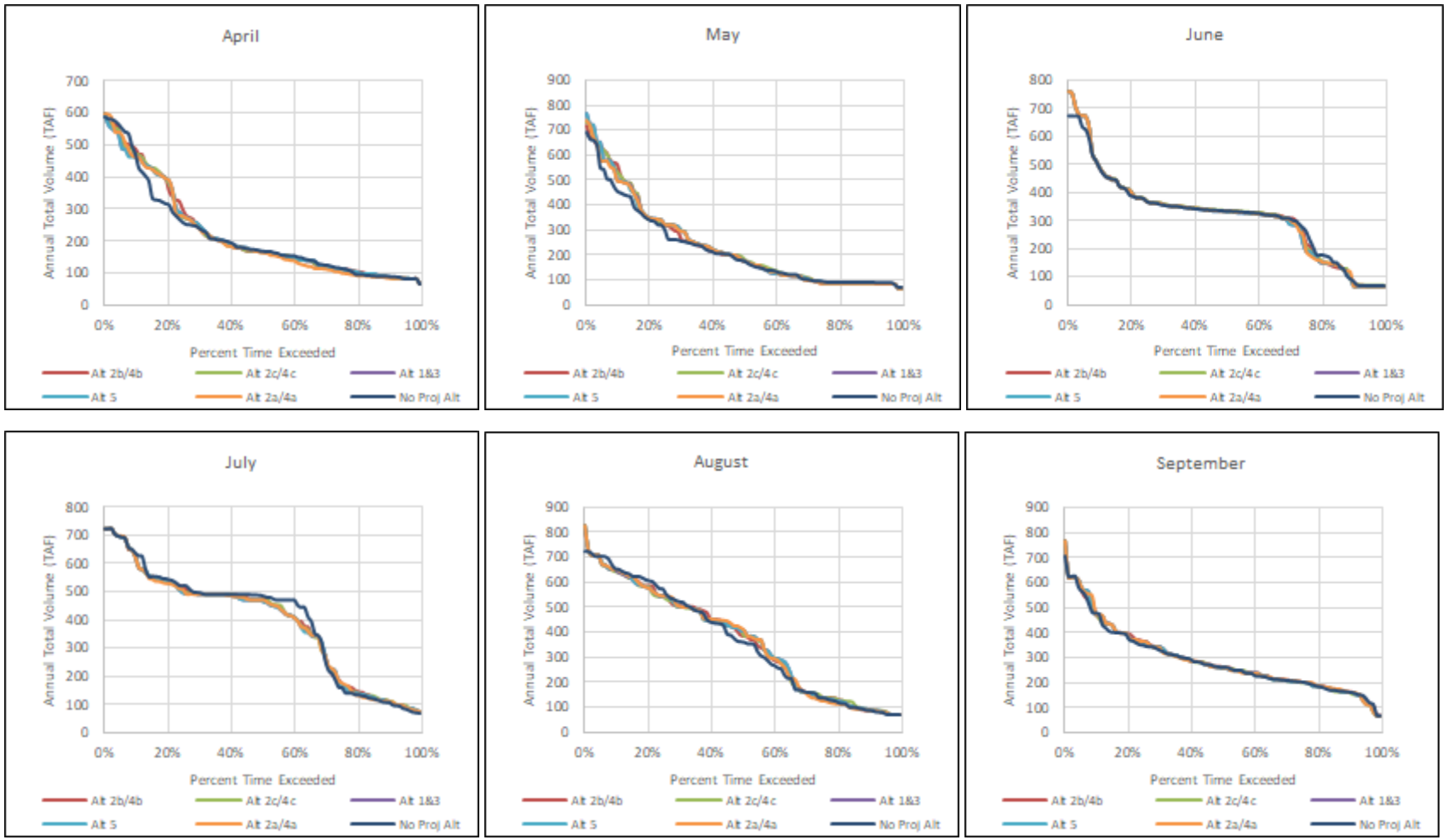


Table 5A-B5.4.1.1-A. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	458	673	641	555	617	582	459	450	484	637	655	475
20%	384	672	541	495	495	474	315	337	388	547	610	379
30%	343	659	482	431	440	410	240	252	355	499	524	330
40%	318	569	451	404	404	364	196	209	342	493	442	292
50%	286	496	417	390	378	307	169	172	334	488	362	262
60%	262	386	405	380	355	296	155	132	327	473	268	230
70%	221	313	392	362	344	290	126	99	307	257	161	210
80%	187	195	353	349	330	278	97	88	176	136	122	187
90%	152	138	237	310	253	186	90	87	85	109	88	163

Table 5A-B5.4.1.1-B. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	304	445	441	421	403	354	218	222	321	403	365	290
Wet Water Years	348	537	511	531	490	469	351	347	426	564	597	297
Above Normal Water Years	275	593	464	414	436	409	186	258	381	498	385	130
Below Normal Water Years	304	435	430	366	365	305	169	160	311	416	313	383
Dry Water Years	260	339	410	383	349	229	125	116	247	177	121	266
Critical Water Years	257	225	288	291	286	251	91	107	95	120	108	215

Table 5A-B5.4.1.1-C. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	473	784	712	726	666	618	483	552	485	615	642	471
20%	387	672	649	630	610	582	372	347	398	535	584	397
30%	344	648	604	564	557	516	248	266	358	493	507	343
40%	318	580	562	509	526	489	185	217	344	492	451	287
50%	286	511	505	481	475	466	166	179	334	473	385	262
60%	267	438	471	460	437	431	149	132	327	411	288	238
70%	235	306	446	443	407	371	119	110	308	270	159	210
80%	197	201	368	422	366	302	106	88	151	146	133	188
90%	172	136	246	362	270	210	89	87	84	111	87	162

Table 5A-B5.4.1.1-D. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	314	470	506	515	478	437	224	239	323	394	366	294
Wet Water Years	359	580	613	647	553	531	366	389	443	546	588	298
Above Normal Water Years	301	614	552	531	542	544	197	267	381	478	411	130
Below Normal Water Years	313	458	479	455	449	411	168	164	311	410	317	397
Dry Water Years	258	346	442	462	454	321	124	121	225	186	128	268
Critical Water Years	267	228	312	333	320	288	90	108	88	122	108	215

Table 5A-B5.4.1.1-E. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	15	111	71	170	49	36	24	102	1	-22	-13	-4
20%	4	1	108	135	115	109	57	10	10	-12	-26	18
30%	1	-11	122	133	117	106	8	14	2	-6	-18	13
40%	0	11	111	105	122	125	-11	8	2	-1	9	-5
50%	0	15	88	91	97	159	-3	7	0	-15	22	1
60%	6	52	65	80	82	135	-6	0	0	-62	20	8
70%	14	-7	54	81	63	81	-7	11	1	13	-2	0
80%	10	6	15	73	36	23	9	0	-25	9	11	1
90%	20	-3	9	52	18	24	-2	0	-2	2	0	-1

Table 5A-B5.4.1.1-F. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10	25	66	94	75	82	6	17	2	-8	2	4
Wet Water Years	11	43	102	116	62	62	15	42	17	-18	-9	1
Above Normal Water Years	26	21	88	117	105	135	12	9	0	-21	26	0
Below Normal Water Years	9	23	49	90	83	105	0	3	0	-6	4	13
Dry Water Years	-2	7	33	79	104	92	-1	4	-22	8	7	2
Critical Water Years	9	3	24	42	34	37	-1	2	-7	2	0	0

Table 5A-B5.4.1.2-A. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	474	800	781	811	698	664	470	529	485	615	641	472
20%	392	672	692	704	662	582	384	347	398	535	580	390
30%	352	642	640	630	614	550	248	301	358	493	501	343
40%	322	577	591	558	573	525	185	225	344	492	447	292
50%	287	505	509	494	494	512	166	186	334	473	399	261
60%	267	439	472	465	442	465	149	139	327	411	297	238
70%	236	307	448	443	409	384	119	112	291	270	159	210
80%	200	202	367	422	380	302	103	88	156	142	131	187
90%	172	136	250	367	274	193	89	87	76	113	89	162

Table 5A-B5.4.1.2-B. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	317	470	526	543	500	455	222	243	322	394	367	294
Wet Water Years	364	587	647	692	564	534	362	397	443	545	582	297
Above Normal Water Years	310	581	576	563	597	588	196	265	381	479	408	130
Below Normal Water Years	315	461	490	477	477	447	168	166	309	410	326	397
Dry Water Years	259	349	445	481	474	345	124	122	223	188	132	268
Critical Water Years	265	225	326	332	335	283	88	109	88	118	106	216

Table 5A-B5.4.1.2-C. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	16	127	140	256	81	82	10	79	1	-22	-15	-3
20%	8	1	151	209	167	108	69	10	10	-12	-30	11
30%	9	-16	158	200	174	139	8	49	2	-6	-23	13
40%	4	7	140	154	169	160	-11	15	2	-1	5	0
50%	1	9	92	105	115	205	-3	14	0	-15	36	-1
60%	6	52	67	86	87	168	-6	8	0	-61	28	8
70%	15	-7	56	81	65	94	-7	12	-16	13	-1	0
80%	13	7	13	73	50	23	6	0	-20	6	10	0
90%	20	-3	12	57	21	8	-2	0	-10	4	2	-1

Table 5A-B5.4.1.2-D. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13	25	85	121	97	101	4	21	1	-9	2	4
Wet Water Years	16	50	136	161	73	65	11	49	16	-19	-16	0
Above Normal Water Years	35	-12	113	149	161	179	10	7	0	-19	23	0
Below Normal Water Years	11	26	60	112	111	142	0	6	-2	-6	13	14
Dry Water Years	-1	10	36	98	125	117	-1	5	-24	11	11	2
Critical Water Years	8	0	38	41	49	32	-3	2	-7	-2	-1	1

Table 5A-B5.4.1.3-A. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	478	788	838	883	753	665	463	499	485	615	645	475
20%	398	672	749	763	676	618	391	350	398	535	577	389
30%	352	640	666	687	628	567	249	297	358	493	502	343
40%	324	576	599	569	587	528	187	225	344	487	448	287
50%	288	510	516	506	501	502	168	178	333	469	406	260
60%	268	447	474	470	431	467	149	128	325	412	296	238
70%	241	307	448	443	414	386	123	107	290	271	159	210
80%	196	205	367	425	380	302	104	88	154	138	124	187
90%	165	135	260	382	279	195	90	87	78	110	89	162

Table 5A-B5.4.1.3-B. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	319	471	542	565	512	468	222	240	321	392	367	294
Wet Water Years	368	586	677	730	563	525	358	395	443	545	584	296
Above Normal Water Years	317	583	595	587	612	623	194	264	381	479	407	130
Below Normal Water Years	313	463	498	492	502	469	171	163	308	405	328	399
Dry Water Years	259	350	448	494	493	384	124	117	223	191	137	269
Critical Water Years	266	226	333	336	339	296	95	108	88	113	98	216

Table 5A-B5.4.1.3-C. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	20	115	197	327	136	83	4	48	1	-22	-11	0
20%	15	0	208	268	181	144	76	13	10	-12	-33	10
30%	9	-19	183	256	189	157	8	46	2	-7	-22	14
40%	5	7	149	165	182	164	-9	15	2	-5	6	-5
50%	1	13	99	116	123	194	-2	6	-1	-19	43	-2
60%	6	61	69	90	76	171	-6	-4	-2	-61	28	8
70%	20	-6	56	81	70	95	-3	7	-17	14	-2	0
80%	9	10	13	77	50	23	7	0	-23	2	3	0
90%	13	-3	22	72	26	9	0	0	-7	1	2	-1

Table 5A-B5.4.1.3-D. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	15	26	101	144	108	114	5	18	0	-10	2	5
Wet Water Years	20	49	166	199	73	56	7	48	16	-19	-14	0
Above Normal Water Years	42	-10	132	173	176	215	9	6	0	-19	22	0
Below Normal Water Years	9	28	68	126	137	163	2	3	-3	-11	15	16
Dry Water Years	-1	11	39	111	144	155	0	0	-25	13	16	3
Critical Water Years	9	1	45	45	53	45	5	2	-7	-7	-9	1

Table 5A-B5.4.1.4-A. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	479	748	849	886	758	714	463	499	485	614	649	476
20%	396	672	804	809	712	659	392	350	398	531	577	387
30%	352	631	692	718	642	572	239	297	358	493	503	341
40%	323	564	611	593	590	538	185	225	344	488	452	287
50%	288	508	520	510	508	505	166	178	336	473	412	261
60%	267	456	472	470	437	469	140	134	326	411	294	238
70%	237	301	430	443	419	370	114	100	305	270	158	213
80%	206	210	354	430	381	302	94	88	156	133	113	190
90%	172	136	261	381	279	194	85	87	84	110	88	164

Table 5A-B5.4.1.4-B. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	320	466	549	578	519	480	219	238	322	392	367	295
Wet Water Years	368	568	687	752	565	525	360	389	442	546	586	297
Above Normal Water Years	318	586	605	595	625	648	188	264	381	477	412	134
Below Normal Water Years	315	465	504	503	511	483	165	162	310	407	327	399
Dry Water Years	260	354	449	504	505	412	115	117	224	190	125	270
Critical Water Years	266	228	338	336	342	300	95	110	89	109	95	217

Table 5A-B5.4.1.4-C. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	21	74	208	330	142	131	4	48	1	-23	-6	1
20%	12	0	263	314	217	186	77	14	10	-15	-33	8
30%	8	-28	210	288	203	162	-1	45	2	-7	-21	11
40%	5	-5	160	189	185	174	-11	15	2	-4	10	-5
50%	2	12	103	121	129	198	-4	6	1	-15	50	0
60%	5	69	66	90	82	172	-15	3	-1	-62	26	8
70%	16	-12	38	81	75	80	-12	1	-2	13	-3	3
80%	19	15	1	81	51	23	-4	0	-20	-3	-9	3
90%	20	-2	23	71	27	8	-5	0	-2	1	0	1

Table 5A-B5.4.1.4-D. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	15	21	108	156	115	125	1	16	1	-11	2	6
Wet Water Years	20	30	176	221	75	56	8	42	16	-19	-11	1
Above Normal Water Years	42	-7	142	182	189	239	2	6	0	-21	27	4
Below Normal Water Years	11	31	74	137	146	178	-4	2	-1	-9	14	15
Dry Water Years	0	15	39	121	156	183	-9	1	-23	12	4	4
Critical Water Years	8	3	50	45	56	49	5	3	-5	-11	-12	2

Table 5A-B5.4.1.5-A. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	478	788	838	886	755	671	462	499	485	615	650	475
20%	398	672	749	763	675	618	391	350	398	535	577	384
30%	353	640	666	687	629	567	249	297	358	493	502	343
40%	323	576	599	569	587	528	187	225	344	487	448	287
50%	288	509	516	506	497	501	168	178	333	469	406	260
60%	268	447	474	468	430	464	149	128	325	412	296	238
70%	241	307	448	443	409	386	123	106	290	271	159	210
80%	196	205	367	425	380	302	104	88	154	139	124	187
90%	165	135	260	368	279	195	90	87	78	110	89	162

Table 5A-B5.4.1.5-B. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	319	473	543	566	513	469	222	240	321	392	368	294
Wet Water Years	370	590	679	733	564	523	358	393	443	546	585	295
Above Normal Water Years	317	587	599	588	613	625	194	264	381	479	407	130
Below Normal Water Years	313	464	499	492	505	472	171	163	308	405	328	399
Dry Water Years	259	350	448	494	493	384	124	117	223	191	137	269
Critical Water Years	266	226	333	335	339	296	95	108	88	113	98	216

Table 5A-B5.4.1.5-C. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	20	115	197	331	139	89	3	48	1	-22	-5	0
20%	15	1	208	268	179	144	76	13	10	-12	-33	5
30%	10	-19	183	256	189	156	8	46	2	-7	-22	14
40%	5	7	149	165	182	164	-9	15	2	-5	6	-5
50%	1	13	99	116	118	194	-2	6	-1	-19	43	-2
60%	6	61	69	88	75	168	-6	-4	-2	-61	28	8
70%	20	-6	56	81	65	95	-3	7	-17	14	-2	0
80%	9	10	13	77	50	23	7	0	-22	2	3	0
90%	13	-3	22	58	26	9	0	0	-7	1	2	-1

Table 5A-B5.4.1.5-D. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	15	28	102	145	110	115	4	18	0	-10	3	4
Wet Water Years	22	53	168	202	74	54	7	46	16	-19	-13	-1
Above Normal Water Years	42	-6	135	175	176	217	9	6	0	-19	22	0
Below Normal Water Years	9	29	69	126	140	167	2	3	-3	-11	15	16
Dry Water Years	-1	11	39	111	144	155	0	0	-25	13	16	3
Critical Water Years	9	1	45	44	53	45	5	2	-7	-7	-9	1

B.4.2 North Delta Diversion Exports - Total

Figure 5A-B5.4.2.1-A. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Probability of Exceedance for No Project Alternatives, October to March

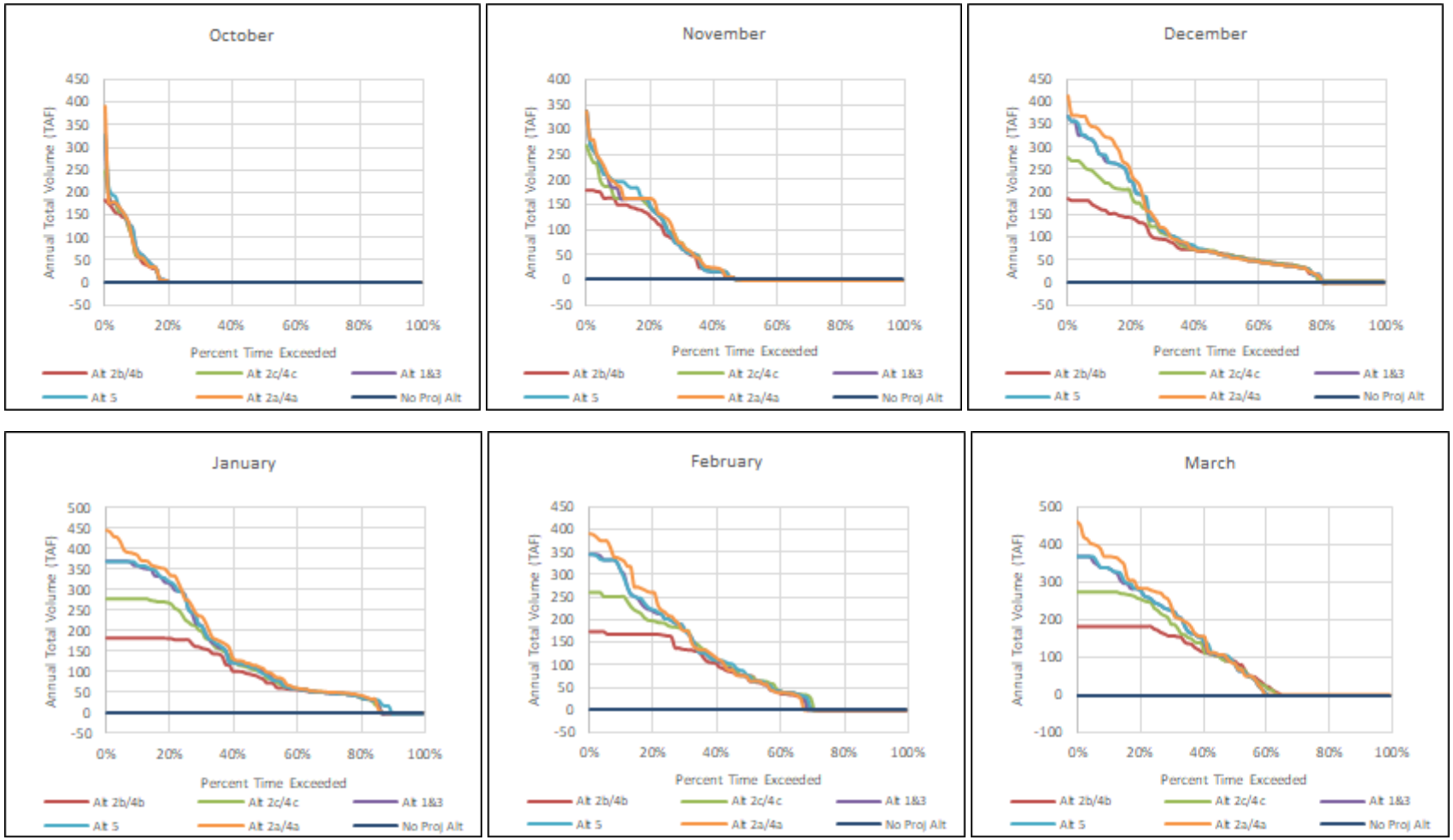


Figure 5A-B5.4.2.1-B. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Probability of Exceedance for No Project Alternatives, April to September

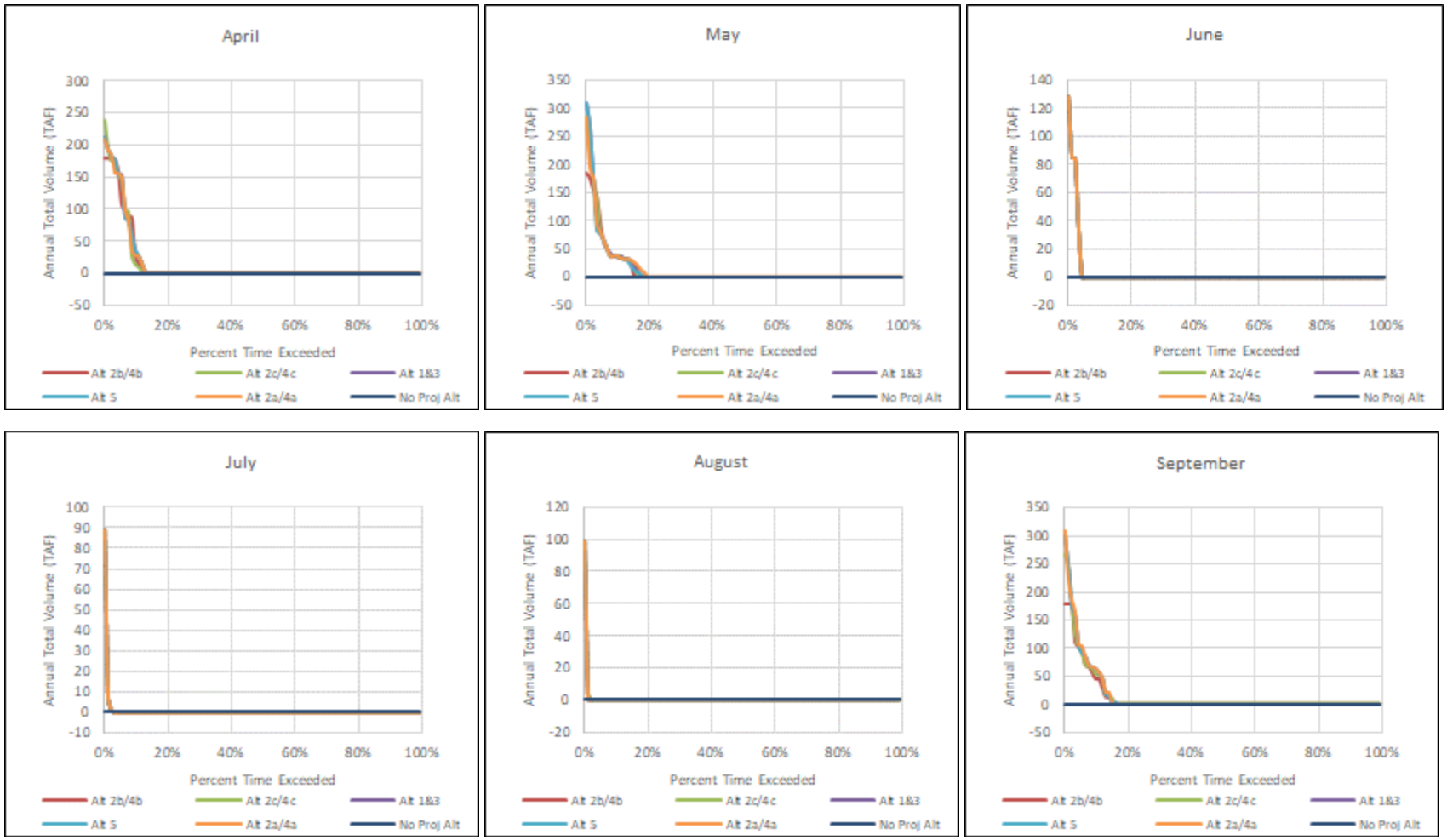


Table 5A-B5.4.2.1-A. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.2.1-B. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.2.1-C. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60	150	162	184	167	184	24	35	0	0	0	45
20%	0	128	142	183	167	184	0	0	0	0	0	0
30%	0	69	94	160	133	159	0	0	0	0	0	0
40%	0	18	71	104	102	117	0	0	0	0	0	0
50%	0	0	61	80	76	92	0	0	0	0	0	0
60%	0	0	47	59	39	27	0	0	0	0	0	0
70%	0	0	38	51	5	0	0	0	0	0	0	0
80%	0	0	0	41	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.2.1-D. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	18	46	71	97	78	86	14	12	4	1	1	13
Wet Water Years	22	65	105	124	79	79	30	30	10	0	3	2
Above Normal Water Years	45	62	90	116	95	134	12	7	0	0	0	0
Below Normal Water Years	9	48	53	89	79	104	8	0	0	3	0	42
Dry Water Years	2	19	47	80	97	79	0	3	0	0	0	2
Critical Water Years	22	9	30	42	42	37	0	0	0	0	0	0

Table 5A-B5.4.2.1-E. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60	150	162	184	167	184	24	35	0	0	0	45
20%	0	128	142	183	167	184	0	0	0	0	0	0
30%	0	69	94	160	133	159	0	0	0	0	0	0
40%	0	18	71	104	102	117	0	0	0	0	0	0
50%	0	0	61	80	76	92	0	0	0	0	0	0
60%	0	0	47	59	39	27	0	0	0	0	0	0
70%	0	0	38	51	5	0	0	0	0	0	0	0
80%	0	0	0	41	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.2.1-F. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	18	46	71	97	78	86	14	12	4	1	1	13
Wet Water Years	22	65	105	124	79	79	30	30	10	0	3	2
Above Normal Water Years	45	62	90	116	95	134	12	7	0	0	0	0
Below Normal Water Years	9	48	53	89	79	104	8	0	0	3	0	42
Dry Water Years	2	19	47	80	97	79	0	3	0	0	0	2
Critical Water Years	22	9	30	42	42	37	0	0	0	0	0	0

Table 5A-B5.4.2.2-A. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61	163	232	277	250	277	13	37	0	0	0	53
20%	1	145	192	266	196	259	0	0	0	0	0	0
30%	0	75	108	198	175	193	0	0	0	0	0	0
40%	0	18	72	124	109	135	0	0	0	0	0	0
50%	0	0	61	92	74	87	0	0	0	0	0	0
60%	0	0	48	61	43	26	0	0	0	0	0	0
70%	0	0	38	51	23	0	0	0	0	0	0	0
80%	0	0	0	40	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.2.2-B. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	19	54	90	124	99	111	14	14	4	1	1	15
Wet Water Years	27	74	140	168	91	93	31	35	10	0	3	2
Above Normal Water Years	45	80	115	149	140	188	11	5	0	0	0	0
Below Normal Water Years	9	56	65	111	109	141	8	1	0	3	0	49
Dry Water Years	2	25	50	100	117	104	0	3	0	0	0	4
Critical Water Years	24	8	36	43	47	44	0	0	0	0	0	0

Table 5A-B5.4.2.2-C. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61	163	232	277	250	277	13	37	0	0	0	53
20%	1	145	192	266	196	259	0	0	0	0	0	0
30%	0	75	108	198	175	193	0	0	0	0	0	0
40%	0	18	72	124	109	135	0	0	0	0	0	0
50%	0	0	61	92	74	87	0	0	0	0	0	0
60%	0	0	48	61	43	26	0	0	0	0	0	0
70%	0	0	38	51	23	0	0	0	0	0	0	0
80%	0	0	0	40	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.2.2-D. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	19	54	90	124	99	111	14	14	4	1	1	15
Wet Water Years	27	74	140	168	91	93	31	35	10	0	3	2
Above Normal Water Years	45	80	115	149	140	188	11	5	0	0	0	0
Below Normal Water Years	9	56	65	111	109	141	8	1	0	3	0	49
Dry Water Years	2	25	50	100	117	104	0	3	0	0	0	4
Critical Water Years	24	8	36	43	47	44	0	0	0	0	0	0

Table 5A-B5.4.2.3-A. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	76	178	286	357	307	338	33	37	0	0	0	62
20%	1	151	225	314	219	280	0	0	0	0	0	0
30%	0	65	116	213	177	225	0	0	0	0	0	0
40%	0	18	75	124	111	151	0	0	0	0	0	0
50%	0	0	61	99	69	88	0	0	0	0	0	0
60%	0	0	48	61	41	9	0	0	0	0	0	0
70%	0	0	38	51	0	0	0	0	0	0	0	0
80%	0	0	11	41	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.2.3-B. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	21	56	105	145	110	126	15	14	4	1	1	16
Wet Water Years	30	74	168	203	91	92	32	37	10	0	3	2
Above Normal Water Years	48	89	135	174	156	223	9	5	0	0	0	0
Below Normal Water Years	9	59	74	126	134	164	10	1	0	3	0	52
Dry Water Years	2	27	51	112	136	141	0	3	0	0	0	7
Critical Water Years	23	10	42	45	47	46	0	0	0	0	0	0

Table 5A-B5.4.2.3-C. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	76	178	286	357	307	338	33	37	0	0	0	62
20%	1	151	225	314	219	280	0	0	0	0	0	0
30%	0	65	116	213	177	225	0	0	0	0	0	0
40%	0	18	75	124	111	151	0	0	0	0	0	0
50%	0	0	61	99	69	88	0	0	0	0	0	0
60%	0	0	48	61	41	9	0	0	0	0	0	0
70%	0	0	38	51	0	0	0	0	0	0	0	0
80%	0	0	11	41	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.2.3-D. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	21	56	105	145	110	126	15	14	4	1	1	16
Wet Water Years	30	74	168	203	91	92	32	37	10	0	3	2
Above Normal Water Years	48	89	135	174	156	223	9	5	0	0	0	0
Below Normal Water Years	9	59	74	126	134	164	10	1	0	3	0	52
Dry Water Years	2	27	51	112	136	141	0	3	0	0	0	7
Critical Water Years	23	10	42	45	47	46	0	0	0	0	0	0

Table 5A-B5.4.2.4-A. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66	188	337	379	332	369	27	36	0	0	0	62
20%	1	163	243	336	259	285	0	0	0	0	0	0
30%	0	75	123	234	175	239	0	0	0	0	0	0
40%	0	26	75	133	115	155	0	0	0	0	0	0
50%	0	0	61	104	69	85	0	0	0	0	0	0
60%	0	0	48	61	38	3	0	0	0	0	0	0
70%	0	0	38	51	0	0	0	0	0	0	0	0
80%	0	0	9	43	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.2.4-B. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	21	59	113	156	117	137	14	13	4	1	1	16
Wet Water Years	32	77	182	220	94	94	30	33	10	0	3	2
Above Normal Water Years	48	90	144	184	170	248	9	4	0	0	0	0
Below Normal Water Years	8	62	80	136	143	180	10	1	0	3	0	52
Dry Water Years	2	33	51	122	150	163	0	4	0	0	0	7
Critical Water Years	20	12	47	44	49	50	0	2	0	0	0	0

Table 5A-B5.4.2.4-C. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66	188	337	379	332	369	27	36	0	0	0	62
20%	1	163	243	336	259	285	0	0	0	0	0	0
30%	0	75	123	234	175	239	0	0	0	0	0	0
40%	0	26	75	133	115	155	0	0	0	0	0	0
50%	0	0	61	104	69	85	0	0	0	0	0	0
60%	0	0	48	61	38	3	0	0	0	0	0	0
70%	0	0	38	51	0	0	0	0	0	0	0	0
80%	0	0	9	43	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.2.4-D. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	21	59	113	156	117	137	14	13	4	1	1	16
Wet Water Years	32	77	182	220	94	94	30	33	10	0	3	2
Above Normal Water Years	48	90	144	184	170	248	9	4	0	0	0	0
Below Normal Water Years	8	62	80	136	143	180	10	1	0	3	0	52
Dry Water Years	2	33	51	122	150	163	0	4	0	0	0	7
Critical Water Years	20	12	47	44	49	50	0	2	0	0	0	0

Table 5A-B5.4.2.5-A. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	75	197	286	360	305	338	33	36	0	0	0	62
20%	1	151	225	320	223	280	0	0	0	0	0	0
30%	0	65	116	213	177	225	0	0	0	0	0	0
40%	0	18	82	124	111	152	0	0	0	0	0	0
50%	0	0	61	95	76	88	0	0	0	0	0	0
60%	0	0	48	61	41	9	0	0	0	0	0	0
70%	0	0	38	51	0	0	0	0	0	0	0	0
80%	0	0	11	41	0	0	0	0	0	0	0	0
90%	0	0	0	6	0	0	0	0	0	0	0	0

Table 5A-B5.4.2.5-B. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	22	58	106	147	112	127	15	14	4	1	1	16
Wet Water Years	32	79	170	209	92	92	32	35	10	0	3	2
Above Normal Water Years	48	93	138	176	160	226	9	4	0	0	0	0
Below Normal Water Years	9	60	74	126	137	168	10	1	0	3	0	52
Dry Water Years	2	27	51	112	136	141	0	3	0	0	0	7
Critical Water Years	23	10	42	45	47	46	0	0	0	0	0	0

Table 5A-B5.4.2.5-C. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	75	197	286	360	305	338	33	36	0	0	0	62
20%	1	151	225	320	223	280	0	0	0	0	0	0
30%	0	65	116	213	177	225	0	0	0	0	0	0
40%	0	18	82	124	111	152	0	0	0	0	0	0
50%	0	0	61	95	76	88	0	0	0	0	0	0
60%	0	0	48	61	41	9	0	0	0	0	0	0
70%	0	0	38	51	0	0	0	0	0	0	0	0
80%	0	0	11	41	0	0	0	0	0	0	0	0
90%	0	0	0	6	0	0	0	0	0	0	0	0

Table 5A-B5.4.2.5-D. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	22	58	106	147	112	127	15	14	4	1	1	16
Wet Water Years	32	79	170	209	92	92	32	35	10	0	3	2
Above Normal Water Years	48	93	138	176	160	226	9	4	0	0	0	0
Below Normal Water Years	9	60	74	126	137	168	10	1	0	3	0	52
Dry Water Years	2	27	51	112	136	141	0	3	0	0	0	7
Critical Water Years	23	10	42	45	47	46	0	0	0	0	0	0

B.4.3 North Delta Diversion Exports - SWP

Figure 5A-B5.4.3.1-A. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Probability of Exceedance for No Project Alternatives, October to March

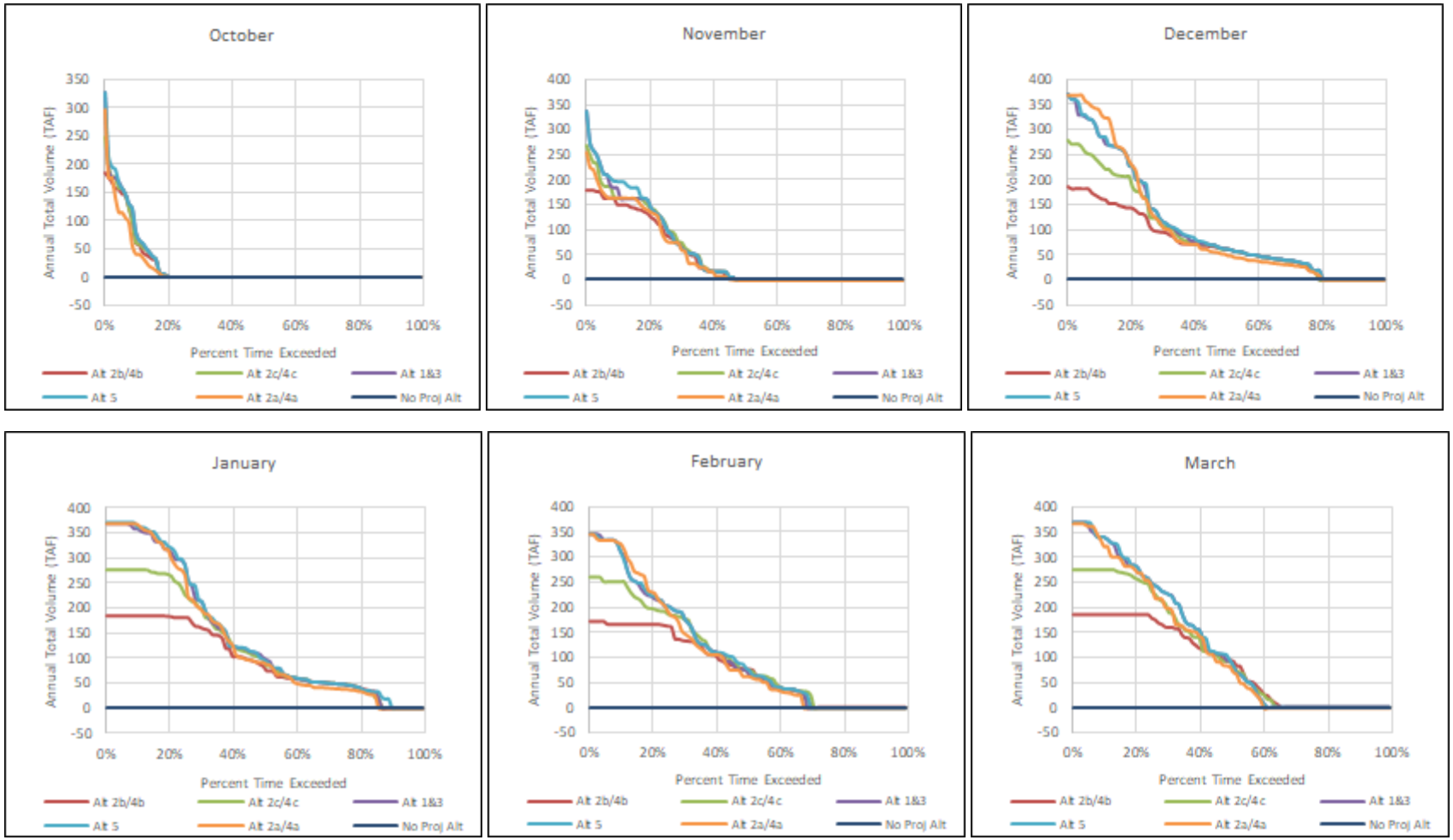


Figure 5A-B5.4.3.1-B. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Probability of Exceedance for No Project Alternatives, April to September

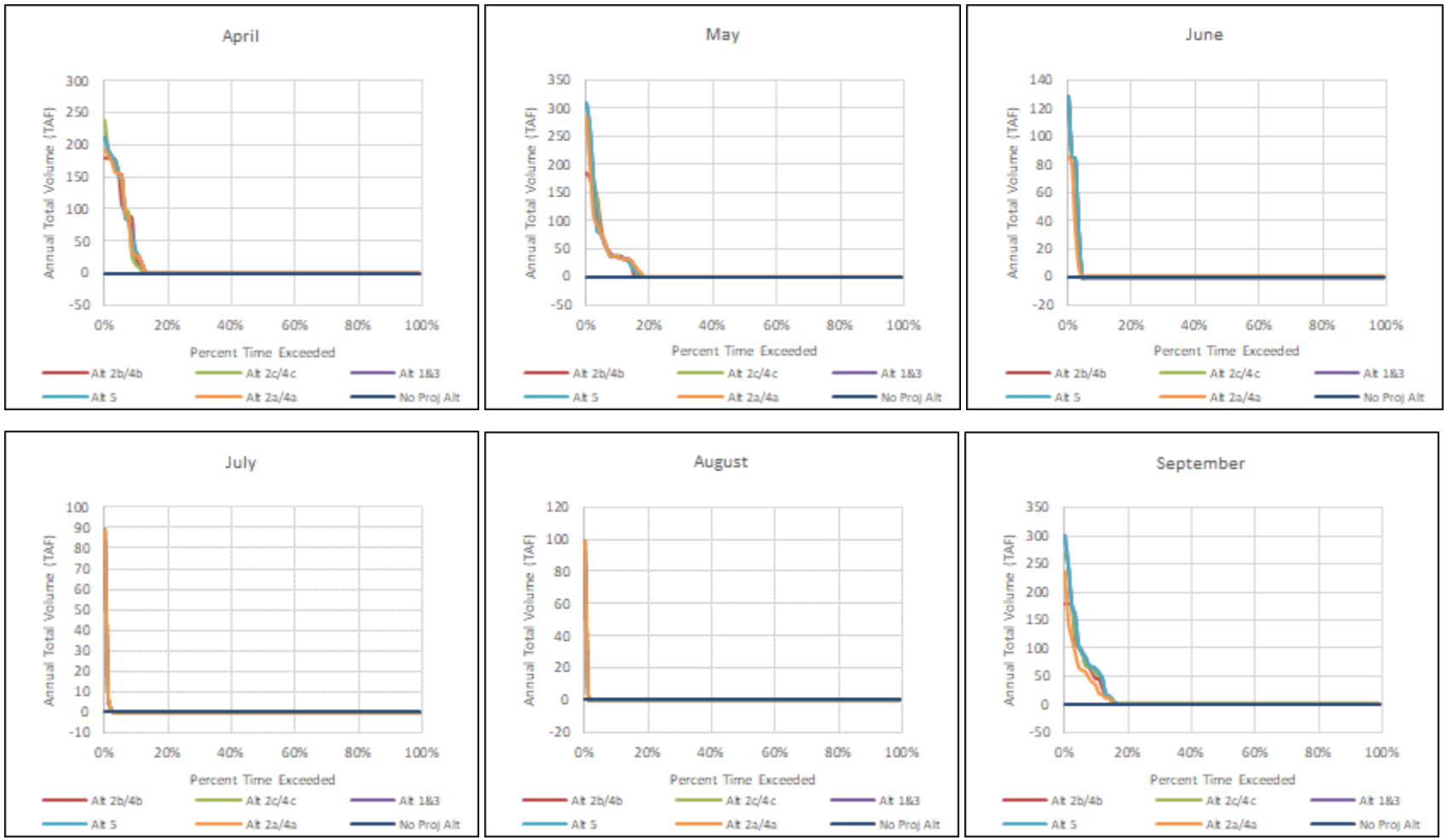


Table 5A-B5.4.3.1-A. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.3.1-B. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.3.1-C. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60	150	162	184	167	184	24	35	0	0	0	45
20%	0	128	142	183	167	184	0	0	0	0	0	0
30%	0	69	94	160	133	159	0	0	0	0	0	0
40%	0	18	71	104	102	117	0	0	0	0	0	0
50%	0	0	61	80	76	92	0	0	0	0	0	0
60%	0	0	47	59	39	27	0	0	0	0	0	0
70%	0	0	38	51	5	0	0	0	0	0	0	0
80%	0	0	0	41	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.3.1-D. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	18	46	71	97	78	86	14	12	4	1	1	13
Wet Water Years	22	65	105	124	79	79	30	30	10	0	3	2
Above Normal Water Years	45	62	90	116	95	134	12	7	0	0	0	0
Below Normal Water Years	9	48	53	89	79	104	8	0	0	3	0	42
Dry Water Years	2	19	47	80	97	79	0	3	0	0	0	2
Critical Water Years	22	9	30	42	42	37	0	0	0	0	0	0

Table 5A-B5.4.3.1-E. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60	150	162	184	167	184	24	35	0	0	0	45
20%	0	128	142	183	167	184	0	0	0	0	0	0
30%	0	69	94	160	133	159	0	0	0	0	0	0
40%	0	18	71	104	102	117	0	0	0	0	0	0
50%	0	0	61	80	76	92	0	0	0	0	0	0
60%	0	0	47	59	39	27	0	0	0	0	0	0
70%	0	0	38	51	5	0	0	0	0	0	0	0
80%	0	0	0	41	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.3.1-F. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	18	46	71	97	78	86	14	12	4	1	1	13
Wet Water Years	22	65	105	124	79	79	30	30	10	0	3	2
Above Normal Water Years	45	62	90	116	95	134	12	7	0	0	0	0
Below Normal Water Years	9	48	53	89	79	104	8	0	0	3	0	42
Dry Water Years	2	19	47	80	97	79	0	3	0	0	0	2
Critical Water Years	22	9	30	42	42	37	0	0	0	0	0	0

Table 5A-B5.4.3.2-A. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61	163	232	277	250	277	13	37	0	0	0	53
20%	1	145	192	266	196	259	0	0	0	0	0	0
30%	0	75	108	198	175	193	0	0	0	0	0	0
40%	0	18	72	124	109	135	0	0	0	0	0	0
50%	0	0	61	92	74	87	0	0	0	0	0	0
60%	0	0	48	61	43	26	0	0	0	0	0	0
70%	0	0	38	51	23	0	0	0	0	0	0	0
80%	0	0	0	40	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.3.2-B. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	19	54	90	124	99	111	14	14	4	1	1	15
Wet Water Years	27	74	140	168	91	93	31	35	10	0	3	2
Above Normal Water Years	45	80	115	149	140	188	11	5	0	0	0	0
Below Normal Water Years	9	56	65	111	109	141	8	1	0	3	0	49
Dry Water Years	2	25	50	100	117	104	0	3	0	0	0	4
Critical Water Years	24	8	36	43	47	44	0	0	0	0	0	0

Table 5A-B5.4.3.2-C. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61	163	232	277	250	277	13	37	0	0	0	53
20%	1	145	192	266	196	259	0	0	0	0	0	0
30%	0	75	108	198	175	193	0	0	0	0	0	0
40%	0	18	72	124	109	135	0	0	0	0	0	0
50%	0	0	61	92	74	87	0	0	0	0	0	0
60%	0	0	48	61	43	26	0	0	0	0	0	0
70%	0	0	38	51	23	0	0	0	0	0	0	0
80%	0	0	0	40	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.3.2-D. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	19	54	90	124	99	111	14	14	4	1	1	15
Wet Water Years	27	74	140	168	91	93	31	35	10	0	3	2
Above Normal Water Years	45	80	115	149	140	188	11	5	0	0	0	0
Below Normal Water Years	9	56	65	111	109	141	8	1	0	3	0	49
Dry Water Years	2	25	50	100	117	104	0	3	0	0	0	4
Critical Water Years	24	8	36	43	47	44	0	0	0	0	0	0

Table 5A-B5.4.3.3-A. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	76	178	286	357	307	338	33	37	0	0	0	62
20%	1	151	225	314	219	280	0	0	0	0	0	0
30%	0	65	116	213	177	225	0	0	0	0	0	0
40%	0	18	75	124	111	151	0	0	0	0	0	0
50%	0	0	61	99	69	88	0	0	0	0	0	0
60%	0	0	48	61	41	9	0	0	0	0	0	0
70%	0	0	38	51	0	0	0	0	0	0	0	0
80%	0	0	11	41	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.3.3-B. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	21	56	105	145	110	126	15	14	4	1	1	16
Wet Water Years	30	74	168	203	91	92	32	37	10	0	3	2
Above Normal Water Years	48	89	135	174	156	223	9	5	0	0	0	0
Below Normal Water Years	9	59	74	126	134	164	10	1	0	3	0	52
Dry Water Years	2	27	51	112	136	141	0	3	0	0	0	7
Critical Water Years	23	10	42	45	47	46	0	0	0	0	0	0

Table 5A-B5.4.3.3-C. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	76	178	286	357	307	338	33	37	0	0	0	62
20%	1	151	225	314	219	280	0	0	0	0	0	0
30%	0	65	116	213	177	225	0	0	0	0	0	0
40%	0	18	75	124	111	151	0	0	0	0	0	0
50%	0	0	61	99	69	88	0	0	0	0	0	0
60%	0	0	48	61	41	9	0	0	0	0	0	0
70%	0	0	38	51	0	0	0	0	0	0	0	0
80%	0	0	11	41	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.3.3-D. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	21	56	105	145	110	126	15	14	4	1	1	16
Wet Water Years	30	74	168	203	91	92	32	37	10	0	3	2
Above Normal Water Years	48	89	135	174	156	223	9	5	0	0	0	0
Below Normal Water Years	9	59	74	126	134	164	10	1	0	3	0	52
Dry Water Years	2	27	51	112	136	141	0	3	0	0	0	7
Critical Water Years	23	10	42	45	47	46	0	0	0	0	0	0

Table 5A-B5.4.3.4-A. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	41	163	337	365	323	324	27	36	0	0	0	30
20%	1	137	231	306	229	273	0	0	0	0	0	0
30%	0	62	105	196	148	200	0	0	0	0	0	0
40%	0	16	71	123	106	143	0	0	0	0	0	0
50%	0	0	50	90	63	77	0	0	0	0	0	0
60%	0	0	38	51	34	3	0	0	0	0	0	0
70%	0	0	30	41	0	0	0	0	0	0	0	0
80%	0	0	5	35	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.3.4-B. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	16	49	105	140	108	121	14	12	2	1	1	10
Wet Water Years	26	66	174	209	92	86	29	31	6	0	3	2
Above Normal Water Years	35	74	127	166	153	222	9	4	0	0	0	0
Below Normal Water Years	5	51	73	112	131	157	10	1	0	3	0	33
Dry Water Years	1	23	42	99	129	135	0	4	0	0	0	3
Critical Water Years	14	6	43	35	39	43	0	0	0	0	0	0

Table 5A-B5.4.3.4-C. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	41	163	337	365	323	324	27	36	0	0	0	30
20%	1	137	231	306	229	273	0	0	0	0	0	0
30%	0	62	105	196	148	200	0	0	0	0	0	0
40%	0	16	71	123	106	143	0	0	0	0	0	0
50%	0	0	50	90	63	77	0	0	0	0	0	0
60%	0	0	38	51	34	3	0	0	0	0	0	0
70%	0	0	30	41	0	0	0	0	0	0	0	0
80%	0	0	5	35	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.3.4-D. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	16	49	105	140	108	121	14	12	2	1	1	10
Wet Water Years	26	66	174	209	92	86	29	31	6	0	3	2
Above Normal Water Years	35	74	127	166	153	222	9	4	0	0	0	0
Below Normal Water Years	5	51	73	112	131	157	10	1	0	3	0	33
Dry Water Years	1	23	42	99	129	135	0	4	0	0	0	3
Critical Water Years	14	6	43	35	39	43	0	0	0	0	0	0

Table 5A-B5.4.3.5-A. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	75	197	286	360	305	338	33	36	0	0	0	62
20%	1	151	225	320	223	280	0	0	0	0	0	0
30%	0	65	116	213	177	225	0	0	0	0	0	0
40%	0	18	82	124	111	152	0	0	0	0	0	0
50%	0	0	61	95	76	88	0	0	0	0	0	0
60%	0	0	48	61	41	9	0	0	0	0	0	0
70%	0	0	38	51	0	0	0	0	0	0	0	0
80%	0	0	11	41	0	0	0	0	0	0	0	0
90%	0	0	0	6	0	0	0	0	0	0	0	0

Table 5A-B5.4.3.5-B. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	22	58	106	147	112	127	15	14	4	1	1	16
Wet Water Years	32	79	170	209	92	92	32	35	10	0	3	2
Above Normal Water Years	48	93	138	176	160	226	9	4	0	0	0	0
Below Normal Water Years	9	60	74	126	137	168	10	1	0	3	0	52
Dry Water Years	2	27	51	112	136	141	0	3	0	0	0	7
Critical Water Years	23	10	42	45	47	46	0	0	0	0	0	0

Table 5A-B5.4.3.5-C. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	75	197	286	360	305	338	33	36	0	0	0	62
20%	1	151	225	320	223	280	0	0	0	0	0	0
30%	0	65	116	213	177	225	0	0	0	0	0	0
40%	0	18	82	124	111	152	0	0	0	0	0	0
50%	0	0	61	95	76	88	0	0	0	0	0	0
60%	0	0	48	61	41	9	0	0	0	0	0	0
70%	0	0	38	51	0	0	0	0	0	0	0	0
80%	0	0	11	41	0	0	0	0	0	0	0	0
90%	0	0	0	6	0	0	0	0	0	0	0	0

Table 5A-B5.4.3.5-D. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	22	58	106	147	112	127	15	14	4	1	1	16
Wet Water Years	32	79	170	209	92	92	32	35	10	0	3	2
Above Normal Water Years	48	93	138	176	160	226	9	4	0	0	0	0
Below Normal Water Years	9	60	74	126	137	168	10	1	0	3	0	52
Dry Water Years	2	27	51	112	136	141	0	3	0	0	0	7
Critical Water Years	23	10	42	45	47	46	0	0	0	0	0	0

B.4.4 North Delta Diversion Exports - CVP

Figure 5A-B5.4.4.1-A. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Probability of Exceedance for No Project Alternatives, October to March

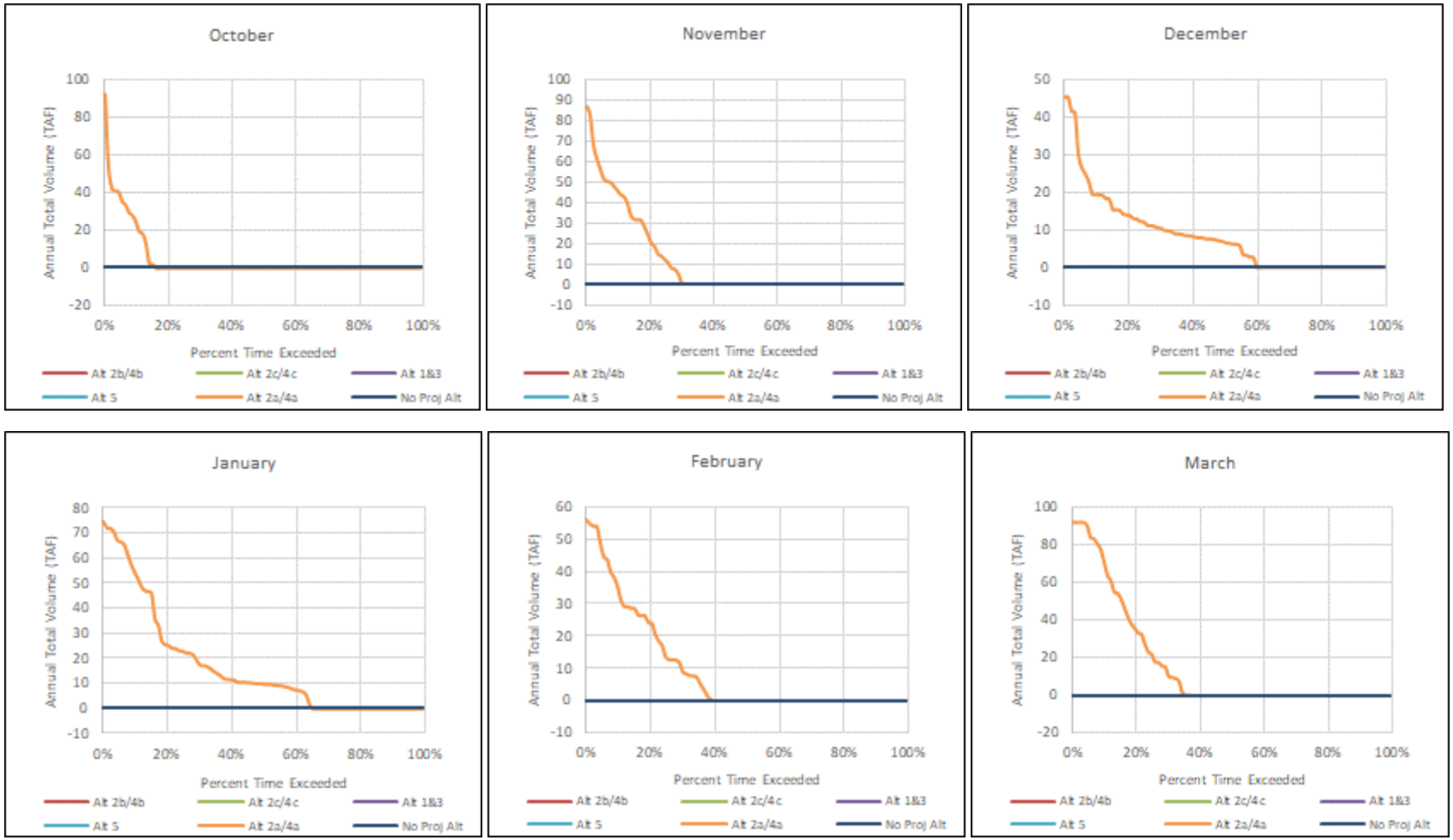


Figure 5A-B5.4.4.1-B. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Probability of Exceedance for No Project Alternatives, April to September

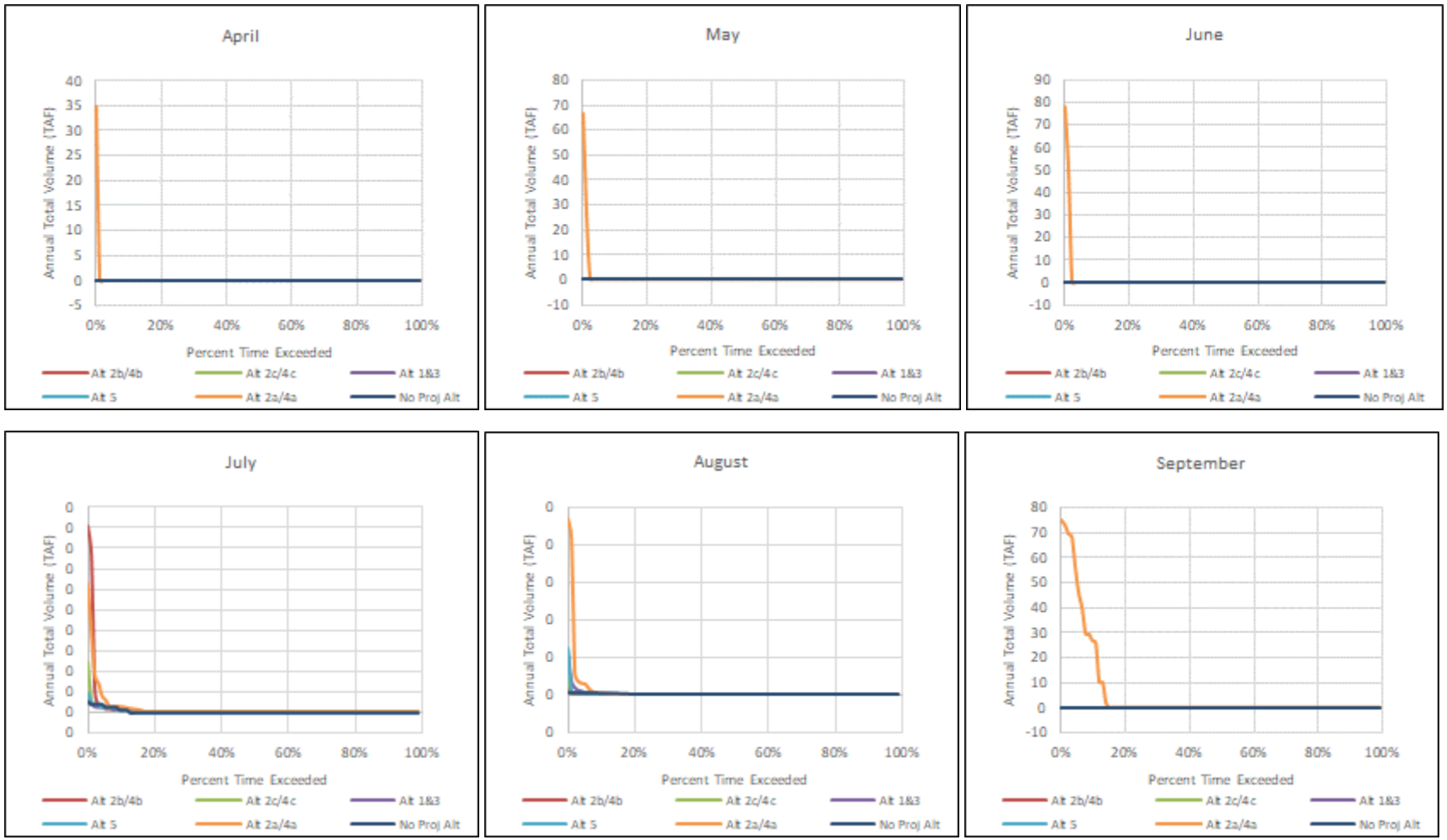


Table 5A-B5.4.4.1-A. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.4.1-B. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.4.1-C. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.4.1-D. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.4.1-E. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.4.1-F. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.4.2-A. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.4.2-B. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.4.2-C. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.4.2-D. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.4.3-A. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.4.3-B. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.4.3-C. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.4.3-D. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.4.4-A. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	23	45	19	54	34	69	0	0	0	0	0	27
20%	0	22	14	25	24	34	0	0	0	0	0	0
30%	0	1	10	18	9	11	0	0	0	0	0	0
40%	0	0	8	12	0	0	0	0	0	0	0	0
50%	0	0	7	10	0	0	0	0	0	0	0	0
60%	0	0	1	8	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.4.4-B. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	11	8	17	10	17	0	1	1	0	0	6
Wet Water Years	6	12	8	12	2	8	1	2	4	0	0	0
Above Normal Water Years	13	16	17	18	17	26	0	0	0	0	0	0
Below Normal Water Years	3	11	7	24	12	23	0	0	0	0	0	19
Dry Water Years	1	10	9	23	20	28	0	0	0	0	0	4
Critical Water Years	6	6	4	8	9	6	0	2	0	0	0	0

Table 5A-B5.4.4.4-C. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	23	45	19	54	34	69	0	0	0	0	0	27
20%	0	22	14	25	24	34	0	0	0	0	0	0
30%	0	1	10	18	9	11	0	0	0	0	0	0
40%	0	0	8	12	0	0	0	0	0	0	0	0
50%	0	0	7	10	0	0	0	0	0	0	0	0
60%	0	0	1	8	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.4.4-D. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	11	8	17	10	17	0	1	1	0	0	6
Wet Water Years	6	12	8	12	2	8	1	2	4	0	0	0
Above Normal Water Years	13	16	17	18	17	26	0	0	0	0	0	0
Below Normal Water Years	3	11	7	24	12	23	0	0	0	0	0	19
Dry Water Years	1	10	9	23	20	28	0	0	0	0	0	4
Critical Water Years	6	6	4	8	9	6	0	2	0	0	0	0

Table 5A-B5.4.4.5-A. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.4.5-B. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.4.5-C. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.4.5-D. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

B.4.5 SWP and CVP South Delta Exports

Figure 5A-B5.4.5.1-A. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Probability of Exceedance for No Project Alternatives, October to March

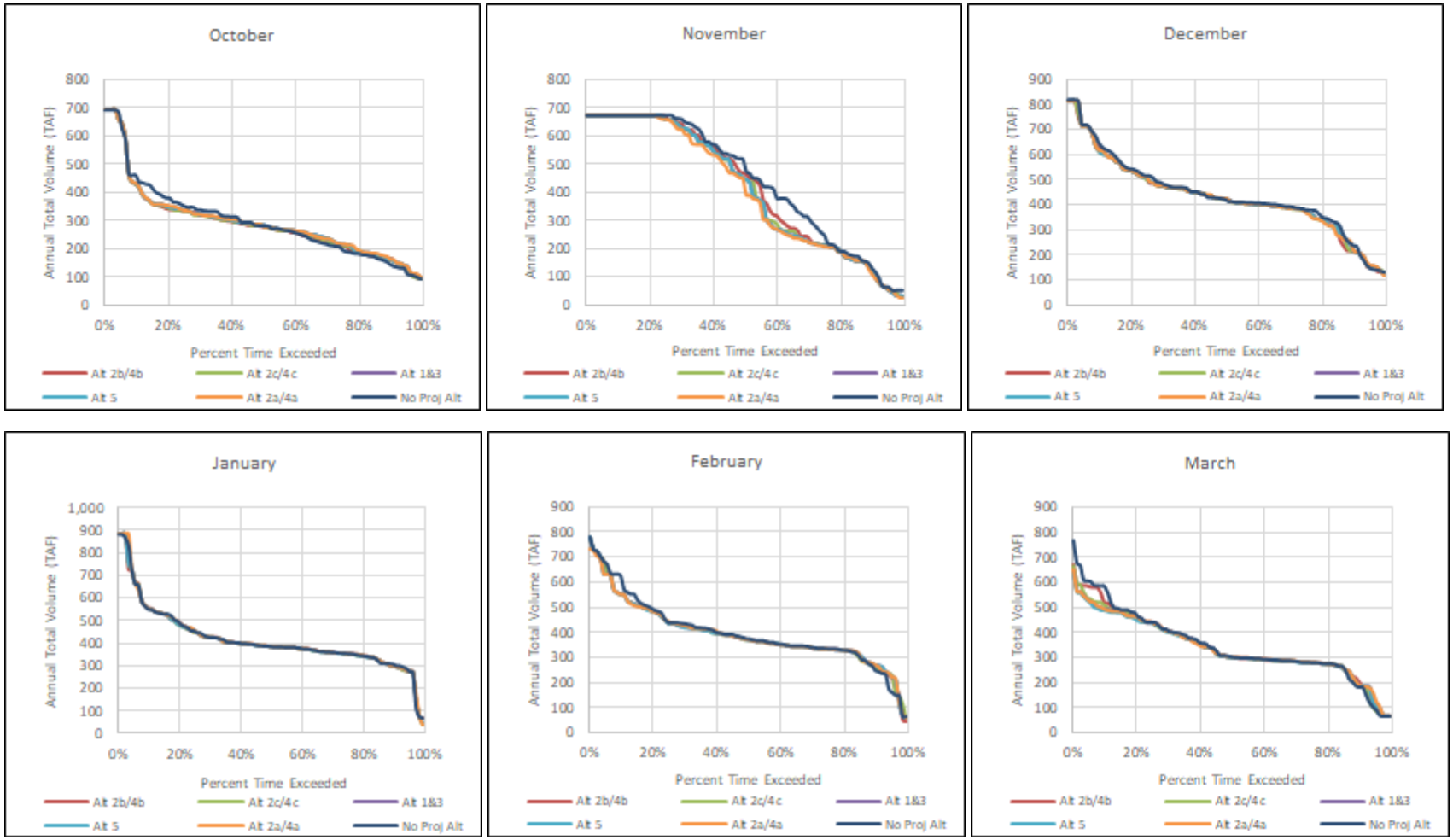


Figure 5A-B5.4.5.1-B. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Probability of Exceedance for No Project Alternatives, April to September

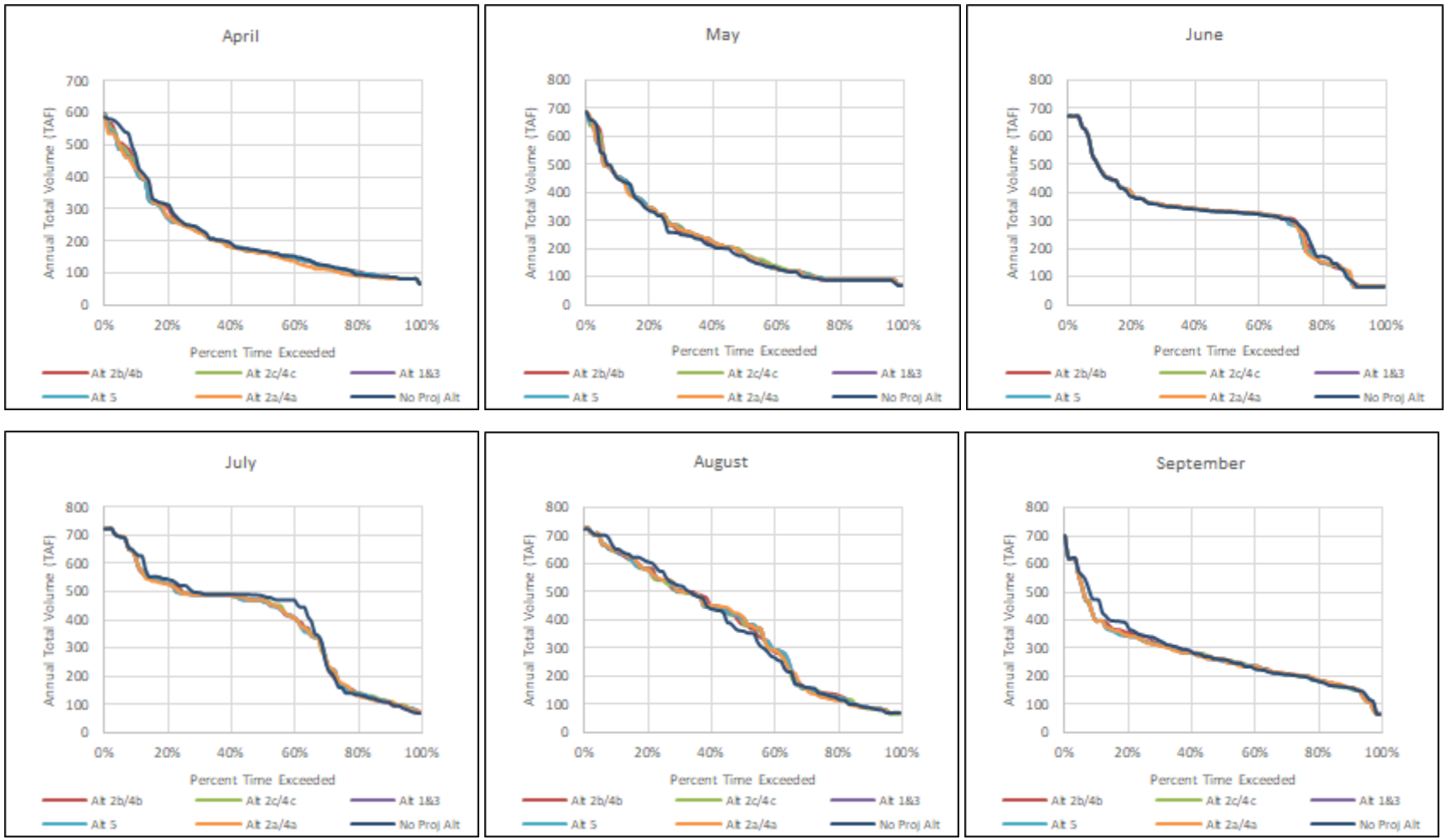


Table 5A-B5.4.5.1-A. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	456	671	640	550	610	579	457	448	482	635	653	473
20%	382	671	540	488	491	471	313	334	386	545	608	377
30%	341	658	480	425	434	408	238	249	352	497	522	328
40%	316	569	449	400	399	361	194	208	341	491	440	290
50%	284	495	415	385	373	304	169	170	332	486	360	260
60%	260	386	403	376	353	294	154	131	324	471	266	229
70%	220	313	390	359	338	287	125	98	305	255	159	208
80%	186	194	353	344	328	277	97	86	174	134	120	185
90%	150	138	237	307	252	184	89	86	84	107	86	161

Table 5A-B5.4.5.1-B. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	302	444	439	416	399	352	216	220	319	401	363	288
Wet Water Years	346	536	509	525	485	466	349	345	424	562	595	294
Above Normal Water Years	273	592	462	408	431	406	184	256	378	496	383	128
Below Normal Water Years	302	434	429	361	361	303	167	158	309	414	311	381
Dry Water Years	259	338	408	378	346	227	123	116	245	175	119	264
Critical Water Years	256	224	287	289	285	250	90	106	93	118	106	213

Table 5A-B5.4.5.1-C. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	426	671	631	551	552	523	419	453	483	613	640	399
20%	343	671	535	478	485	467	303	340	396	529	582	355
30%	323	642	475	425	427	408	233	259	355	491	504	314
40%	299	563	450	397	396	355	184	216	342	490	449	285
50%	281	465	422	383	373	301	166	176	331	471	383	261
60%	259	318	402	373	353	293	148	131	324	409	286	235
70%	226	243	388	358	338	286	118	107	306	269	157	208
80%	190	190	342	342	331	277	106	86	149	144	131	186
90%	170	133	215	299	267	210	87	86	82	109	86	159

Table 5A-B5.4.5.1-D. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	295	423	434	413	395	348	209	225	317	391	364	279
Wet Water Years	335	514	506	517	468	449	335	356	431	544	583	293
Above Normal Water Years	254	551	460	409	441	407	184	257	378	476	409	128
Below Normal Water Years	303	408	425	361	365	304	159	161	309	405	315	352
Dry Water Years	254	327	394	376	353	239	123	117	223	184	126	264
Critical Water Years	244	219	281	289	277	250	90	107	86	120	107	214

Table 5A-B5.4.5.1-E. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-30	0	-8	2	-58	-57	-38	5	1	-22	-13	-74
20%	-40	0	-4	-11	-7	-4	-10	7	9	-16	-26	-22
30%	-18	-16	-5	0	-6	0	-6	11	2	-7	-18	-14
40%	-17	-5	1	-3	-3	-6	-10	8	2	-1	9	-5
50%	-4	-30	7	-1	0	-3	-3	6	-1	-15	22	1
60%	-1	-67	-1	-2	0	-1	-6	0	0	-62	20	6
70%	7	-70	-2	-1	0	-1	-7	10	1	13	-2	0
80%	5	-4	-11	-2	4	0	9	0	-25	9	11	1
90%	20	-5	-22	-8	15	25	-2	0	-2	2	0	-1

Table 5A-B5.4.5.1-F. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-8	-21	-6	-3	-4	-4	-8	5	-2	-10	1	-8
Wet Water Years	-11	-22	-3	-8	-17	-17	-15	11	7	-18	-12	-1
Above Normal Water Years	-19	-41	-2	1	10	2	0	2	0	-21	26	0
Below Normal Water Years	1	-25	-5	0	4	1	-8	3	0	-10	4	-29
Dry Water Years	-4	-12	-14	-2	8	13	-1	1	-22	8	7	0
Critical Water Years	-12	-5	-6	0	-8	0	-1	2	-7	2	0	0

Table 5A-B5.4.5.2-A. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	426	671	613	551	552	507	430	453	483	613	639	399
20%	347	671	535	478	485	460	272	343	396	529	578	344
30%	320	624	475	425	427	404	232	276	355	491	499	309
40%	301	549	450	397	399	355	181	223	342	490	445	283
50%	283	448	422	383	372	301	166	182	332	471	397	259
60%	261	290	403	373	354	293	148	137	324	409	295	235
70%	233	227	388	358	344	286	118	110	289	269	158	207
80%	197	192	342	342	332	277	101	86	154	140	129	184
90%	164	133	218	299	266	193	85	86	73	110	87	159

Table 5A-B5.4.5.2-B. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	296	415	434	413	397	342	206	227	316	391	364	277
Wet Water Years	336	512	506	518	467	437	329	359	430	543	577	292
Above Normal Water Years	263	500	460	408	452	397	184	257	378	477	406	128
Below Normal Water Years	304	404	424	361	363	303	158	163	307	404	324	346
Dry Water Years	255	324	395	376	353	239	123	118	221	186	129	263
Critical Water Years	240	216	289	287	287	238	87	107	86	116	105	214

Table 5A-B5.4.5.2-C. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-29	0	-27	1	-58	-73	-27	5	1	-22	-15	-74
20%	-35	0	-4	-11	-7	-10	-41	9	9	-16	-30	-33
30%	-21	-34	-5	0	-7	-4	-6	27	2	-7	-23	-18
40%	-15	-20	1	-3	-1	-6	-13	15	2	-1	5	-7
50%	-1	-47	7	-1	-1	-3	-3	11	0	-15	36	-1
60%	1	-95	-1	-2	1	-1	-6	5	0	-61	28	6
70%	13	-85	-2	-1	6	-1	-7	12	-16	13	-1	0
80%	12	-2	-11	-2	4	0	4	0	-20	5	9	-1
90%	14	-5	-19	-8	14	9	-4	0	-11	3	1	-1

Table 5A-B5.4.5.2-D. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-7	-29	-5	-3	-2	-10	-10	7	-3	-10	1	-11
Wet Water Years	-10	-25	-4	-7	-17	-28	-20	14	6	-20	-19	-2
Above Normal Water Years	-10	-92	-2	0	21	-9	0	2	0	-19	23	0
Below Normal Water Years	2	-30	-5	0	2	1	-9	5	-2	-10	13	-35
Dry Water Years	-4	-15	-14	-2	7	13	-1	2	-24	11	11	-1
Critical Water Years	-16	-9	2	-2	2	-11	-3	1	-7	-2	-1	1

Table 5A-B5.4.5.3-A. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	427	671	613	551	552	492	417	453	483	613	642	399
20%	347	671	535	488	485	460	271	343	396	529	575	343
30%	320	628	475	425	425	404	229	270	355	491	500	312
40%	301	548	450	397	400	355	185	223	342	485	446	282
50%	283	448	422	383	373	301	166	175	331	467	404	255
60%	263	270	402	375	354	293	148	127	322	410	294	235
70%	236	227	388	359	344	285	122	106	288	269	157	207
80%	186	199	342	345	332	277	104	86	151	136	123	184
90%	162	132	224	299	274	193	89	86	75	108	87	160

Table 5A-B5.4.5.3-B. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	296	413	435	415	397	340	206	224	316	389	364	276
Wet Water Years	336	511	507	521	466	430	325	355	430	543	578	292
Above Normal Water Years	267	493	459	407	451	397	184	257	378	477	405	128
Below Normal Water Years	302	403	424	361	364	302	159	159	306	400	326	345
Dry Water Years	255	322	397	377	354	240	123	114	220	189	134	261
Critical Water Years	242	216	289	288	291	249	95	107	86	111	97	214

Table 5A-B5.4.5.3-C. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-29	0	-27	1	-58	-88	-40	5	1	-22	-11	-74
20%	-35	0	-4	0	-7	-10	-42	9	9	-16	-33	-34
30%	-21	-30	-5	0	-9	-4	-9	21	2	-7	-22	-16
40%	-15	-20	1	-3	0	-6	-9	15	2	-5	6	-8
50%	-1	-47	7	-1	0	-3	-3	5	-1	-19	43	-4
60%	2	-116	-1	-1	1	-1	-6	-4	-2	-61	28	6
70%	16	-86	-2	0	6	-1	-3	9	-18	14	-2	0
80%	1	4	-11	1	4	0	7	0	-22	2	3	-1
90%	12	-6	-13	-8	22	9	0	0	-9	1	1	-1

Table 5A-B5.4.5.3-D. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-7	-31	-4	-2	-2	-12	-10	4	-3	-11	1	-11
Wet Water Years	-10	-26	-2	-4	-18	-36	-25	11	6	-19	-17	-2
Above Normal Water Years	-6	-99	-3	-1	20	-9	0	2	0	-19	22	0
Below Normal Water Years	0	-31	-5	0	3	-1	-8	1	-3	-14	15	-36
Dry Water Years	-3	-16	-12	-1	8	13	0	-2	-25	13	16	-4
Critical Water Years	-14	-9	2	0	6	-1	5	1	-7	-7	-9	1

Table 5A-B5.4.5.4-A. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	428	671	619	551	553	490	426	449	483	612	647	398
20%	352	671	536	488	485	460	279	343	396	527	575	345
30%	320	621	475	425	429	404	227	266	355	491	501	309
40%	303	531	450	398	408	346	184	223	342	486	450	284
50%	281	418	423	383	374	302	164	176	333	471	410	258
60%	263	269	402	374	353	293	139	126	324	409	292	235
70%	235	225	385	358	344	286	113	99	303	268	156	210
80%	195	194	336	345	332	276	93	86	154	131	111	188
90%	165	115	226	299	274	193	84	86	81	108	86	162

Table 5A-B5.4.5.4-B. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	297	406	434	416	397	340	204	223	316	389	364	277
Wet Water Years	334	489	503	525	466	428	328	353	430	543	581	293
Above Normal Water Years	268	496	459	406	450	397	178	258	378	475	410	132
Below Normal Water Years	306	402	424	362	363	300	153	159	308	402	325	344
Dry Water Years	256	321	397	376	352	246	114	113	222	187	123	261
Critical Water Years	244	215	290	290	291	249	95	107	87	107	94	215

Table 5A-B5.4.5.4-C. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-28	0	-21	1	-58	-89	-31	1	1	-23	-6	-75
20%	-31	0	-4	0	-7	-10	-34	9	9	-18	-33	-32
30%	-21	-37	-5	0	-5	-4	-12	18	2	-7	-21	-19
40%	-13	-37	1	-2	9	-15	-11	15	2	-4	10	-6
50%	-4	-77	7	-1	0	-2	-5	6	1	-15	50	-2
60%	3	-116	-1	-2	0	-1	-15	-6	0	-62	26	6
70%	15	-88	-6	-1	6	-1	-12	1	-2	13	-3	3
80%	9	-1	-17	1	4	-1	-4	0	-20	-3	-9	3
90%	14	-22	-10	-8	22	9	-6	0	-3	1	0	1

Table 5A-B5.4.5.4-D. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-6	-38	-5	0	-2	-12	-13	3	-2	-12	1	-11
Wet Water Years	-12	-47	-6	0	-19	-38	-22	9	6	-19	-14	-1
Above Normal Water Years	-6	-96	-3	-2	20	-9	-7	2	0	-21	27	4
Below Normal Water Years	4	-31	-5	1	2	-2	-14	1	-1	-12	14	-37
Dry Water Years	-2	-18	-11	-2	6	20	-9	-3	-23	12	4	-4
Critical Water Years	-12	-10	3	1	6	-1	5	1	-5	-11	-12	2

Table 5A-B5.4.5.5-A. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	427	671	613	551	552	491	417	453	483	613	648	399
20%	347	671	535	478	485	452	271	343	396	529	575	343
30%	320	629	475	425	420	404	229	270	355	491	500	312
40%	301	548	450	397	399	354	185	223	342	485	446	282
50%	283	447	422	383	373	301	166	175	331	467	404	255
60%	263	270	402	373	354	293	148	127	322	410	294	235
70%	236	227	388	358	344	285	122	106	288	269	157	207
80%	186	198	342	342	332	277	104	86	152	137	123	184
90%	162	132	224	299	274	193	89	86	75	108	87	160

Table 5A-B5.4.5.5-B. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	296	413	435	414	397	339	206	224	316	389	365	276
Wet Water Years	336	511	507	518	466	428	325	355	430	543	580	291
Above Normal Water Years	267	493	459	407	447	397	184	257	378	477	405	128
Below Normal Water Years	302	403	424	361	364	302	159	159	306	399	326	345
Dry Water Years	256	322	397	377	354	240	123	114	220	189	134	261
Critical Water Years	242	216	289	288	291	249	95	107	86	111	97	214

Table 5A-B5.4.5.5-C. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-29	0	-27	1	-58	-89	-40	5	1	-22	-5	-74
20%	-35	0	-4	-11	-7	-18	-42	9	9	-16	-33	-34
30%	-21	-29	-5	0	-13	-4	-9	21	2	-7	-22	-16
40%	-16	-20	1	-3	-1	-6	-9	15	2	-5	6	-8
50%	-1	-47	7	-1	0	-3	-3	5	-1	-19	43	-4
60%	2	-116	-1	-2	1	-1	-6	-4	-2	-61	28	6
70%	16	-86	-2	-1	6	-1	-3	8	-18	14	-2	0
80%	1	4	-11	-2	4	0	7	0	-22	2	3	-1
90%	12	-6	-13	-8	22	9	0	0	-9	1	1	-1

Table 5A-B5.4.5.5-D. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-7	-31	-4	-3	-2	-12	-10	4	-3	-11	2	-12
Wet Water Years	-10	-26	-2	-7	-19	-37	-25	11	6	-19	-16	-3
Above Normal Water Years	-6	-99	-3	-1	17	-9	0	2	0	-19	22	0
Below Normal Water Years	0	-31	-5	0	3	-1	-8	1	-3	-15	15	-36
Dry Water Years	-3	-16	-12	-1	8	13	0	-2	-25	13	16	-4
Critical Water Years	-14	-9	2	-1	6	-1	5	1	-7	-7	-9	1

B.4.6 Banks Pumping Plant, Through Delta - Total

Figure 5A-B5.4.6.1-A. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Probability of Exceedance for No Project Alternatives, October to March

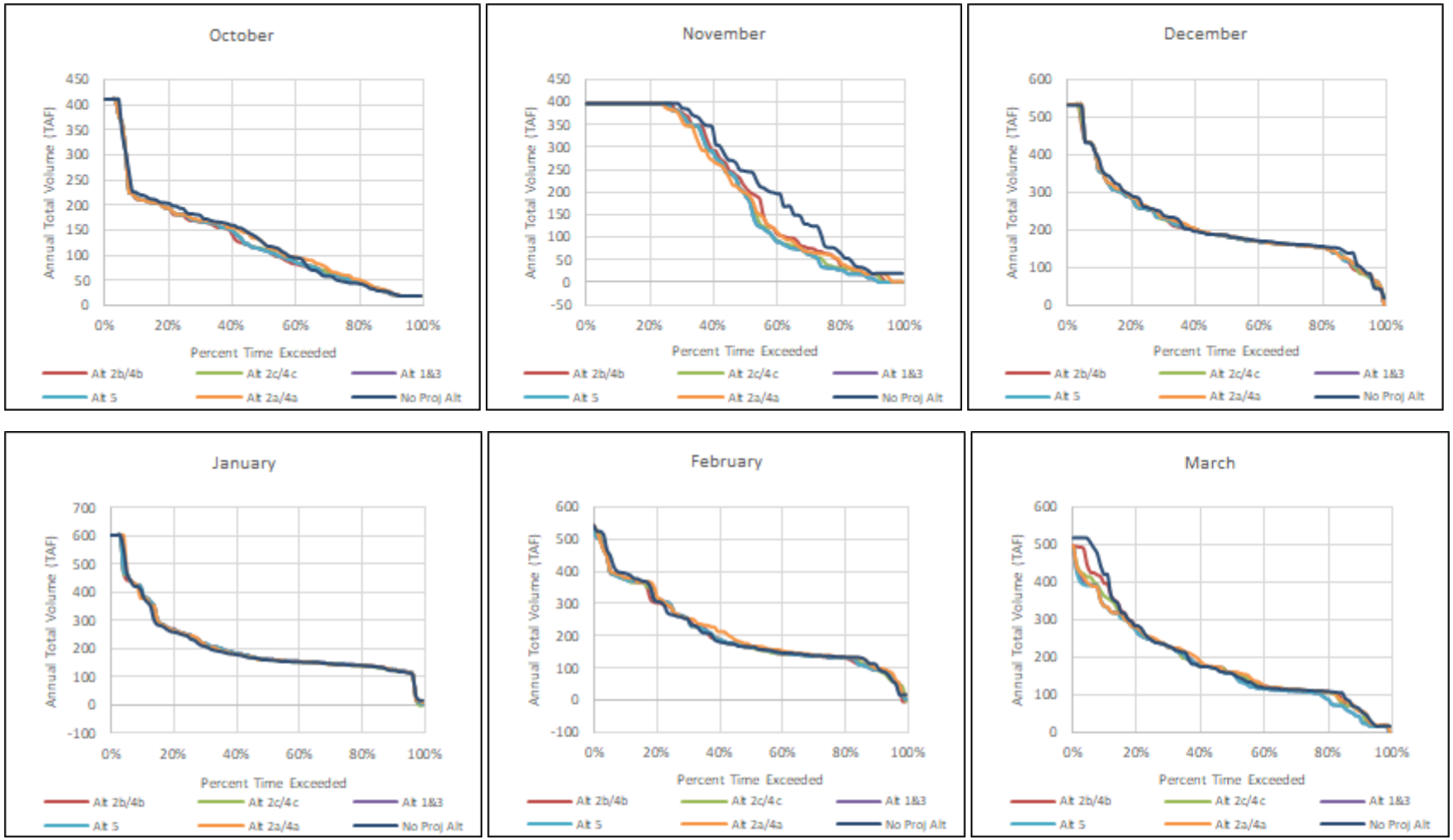


Figure 5A-B5.4.6.1-B. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Probability of Exceedance for No Project Alternatives, April to September

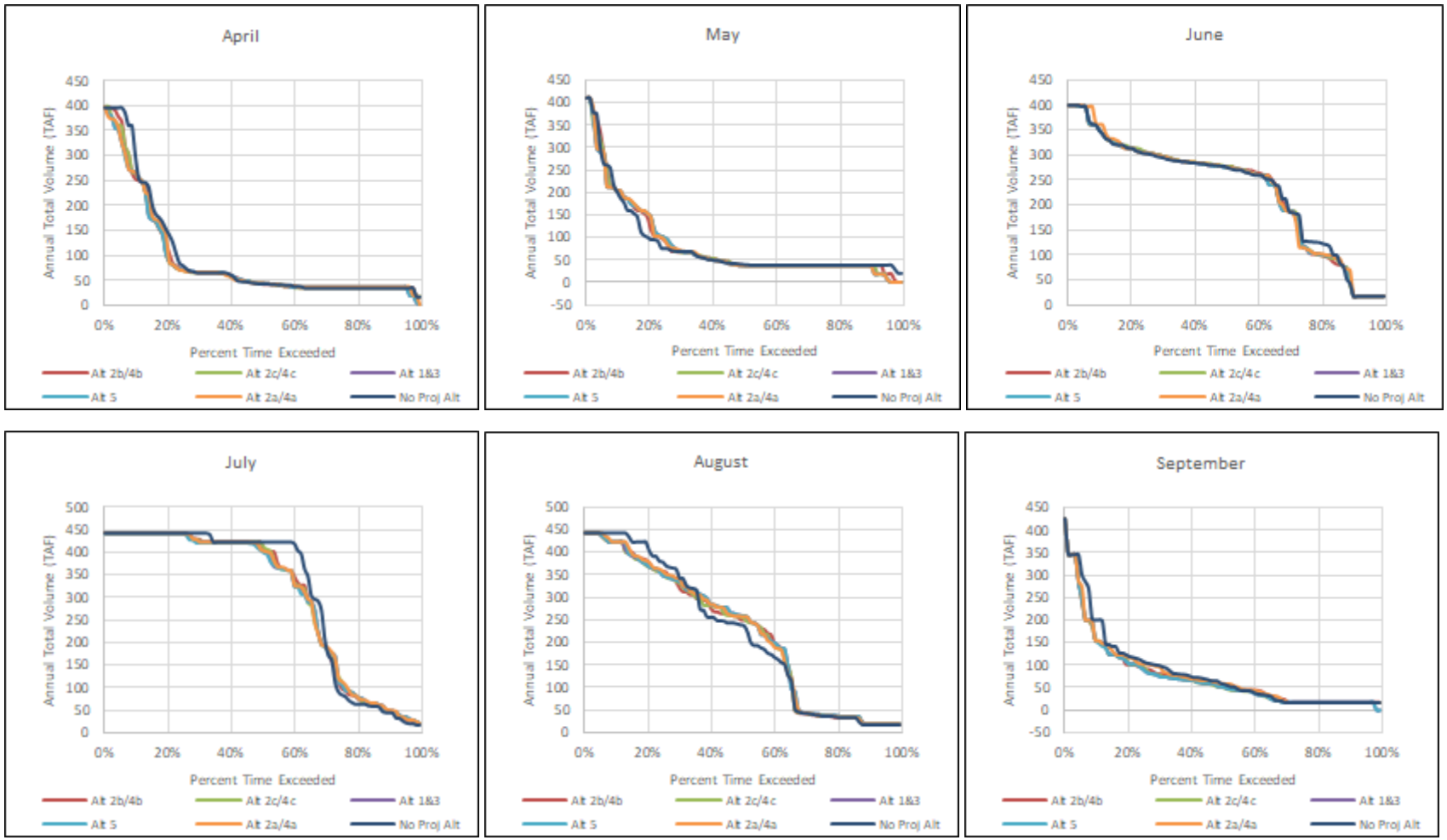


Table 5A-B5.4.6.1-A. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	224	397	381	400	395	422	287	197	346	441	441	202
20%	203	397	292	260	309	285	147	96	312	441	410	122
30%	180	389	240	209	254	231	66	67	293	441	343	100
40%	160	337	196	181	182	178	62	48	283	421	255	76
50%	125	247	186	161	166	159	44	38	275	421	238	60
60%	95	197	171	153	148	121	39	37	258	419	168	40
70%	58	128	162	148	139	115	36	37	187	202	43	18
80%	44	65	156	142	134	111	36	37	124	64	35	18
90%	26	20	138	124	112	66	36	37	25	46	18	18

Table 5A-B5.4.6.1-B. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	135	237	221	211	213	196	99	82	233	311	218	87
Wet Water Years	170	303	262	299	302	301	192	138	278	417	362	89
Above Normal Water Years	130	323	222	223	254	232	59	88	305	430	266	18
Below Normal Water Years	126	239	223	162	164	147	54	52	256	360	203	134
Dry Water Years	110	144	206	160	138	91	41	40	197	118	37	67
Critical Water Years	95	92	124	122	129	108	38	37	44	51	33	55

Table 5A-B5.4.6.1-C. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	212	397	356	407	378	396	253	203	346	441	421	155
20%	193	397	284	268	305	281	115	128	312	441	378	103
30%	166	379	231	218	254	228	66	67	296	427	320	82
40%	144	293	200	182	194	182	62	53	283	421	276	69
50%	111	214	183	161	167	160	43	38	277	412	250	58
60%	83	110	169	153	147	125	38	37	264	347	201	45
70%	69	76	161	145	139	115	36	37	188	190	43	23
80%	46	42	154	140	133	110	36	37	99	77	34	18
90%	23	18	99	124	99	61	36	37	26	47	18	18

Table 5A-B5.4.6.1-D. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	129	214	214	211	210	191	92	85	231	302	219	78
Wet Water Years	162	277	260	298	290	285	177	145	286	400	350	91
Above Normal Water Years	110	285	216	223	267	234	59	88	305	409	295	18
Below Normal Water Years	127	212	212	162	167	149	49	56	255	351	207	102
Dry Water Years	107	134	189	159	145	94	41	38	175	129	43	65
Critical Water Years	81	86	119	133	120	105	39	37	37	50	33	55

Table 5A-B5.4.6.1-E. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-12	0	-25	7	-17	-25	-34	6	0	0	-20	-47
20%	-10	0	-8	9	-4	-4	-33	32	0	0	-32	-19
30%	-14	-10	-10	8	1	-3	0	0	3	-14	-23	-19
40%	-16	-44	4	2	12	5	0	5	0	0	20	-7
50%	-14	-33	-3	0	1	1	-1	0	2	-10	12	-2
60%	-12	-87	-2	0	-1	4	-1	0	5	-72	32	5
70%	10	-53	-1	-3	0	0	0	0	1	-12	0	5
80%	2	-23	-3	-2	-1	-1	0	0	-25	12	-1	0
90%	-3	-2	-38	0	-13	-6	0	0	1	1	0	0

Table 5A-B5.4.6.1-F. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-7	-23	-7	1	-2	-5	-6	3	-2	-9	1	-8
Wet Water Years	-8	-26	-2	-2	-11	-16	-15	7	8	-16	-11	2
Above Normal Water Years	-20	-38	-7	0	13	2	0	0	0	-20	28	0
Below Normal Water Years	1	-27	-10	0	2	2	-5	4	-1	-9	3	-32
Dry Water Years	-3	-10	-17	-1	7	2	0	-2	-22	11	6	-2
Critical Water Years	-14	-6	-5	11	-8	-3	1	-1	-7	-1	0	0

Table 5A-B5.4.6.2-A. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	214	397	356	407	378	363	262	203	346	441	421	156
20%	193	397	284	265	312	271	94	148	313	441	367	109
30%	168	374	228	218	254	228	66	67	296	425	331	79
40%	150	290	203	182	192	178	58	53	285	421	280	68
50%	113	196	183	161	167	160	44	37	277	415	254	52
60%	88	94	169	153	147	124	36	37	260	335	197	40
70%	67	63	161	145	138	115	36	37	188	189	43	18
80%	46	31	154	140	133	108	36	37	100	79	36	18
90%	24	18	106	124	97	61	36	37	25	47	18	18

Table 5A-B5.4.6.2-B. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	130	206	214	212	211	185	90	85	231	302	218	77
Wet Water Years	163	274	260	298	290	274	172	145	287	400	344	91
Above Normal Water Years	120	235	216	223	275	224	59	88	305	411	291	18
Below Normal Water Years	129	206	212	162	169	149	49	55	254	349	211	97
Dry Water Years	106	128	188	159	142	94	41	38	173	132	45	64
Critical Water Years	79	85	124	132	121	96	36	36	38	50	33	55

Table 5A-B5.4.6.2-C. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-10	0	-25	7	-17	-58	-25	6	0	0	-20	-46
20%	-10	0	-8	5	3	-14	-54	52	1	0	-43	-14
30%	-12	-15	-12	8	1	-3	0	0	3	-17	-13	-21
40%	-10	-48	7	1	10	0	-4	5	2	0	24	-8
50%	-12	-51	-3	0	1	1	-1	-1	2	-7	16	-8
60%	-7	-102	-2	0	0	2	-3	0	2	-83	29	0
70%	8	-66	-1	-3	0	-1	0	0	1	-13	0	0
80%	2	-34	-3	-2	-1	-2	0	0	-24	14	1	0
90%	-2	-2	-31	0	-15	-6	0	0	0	1	0	0

Table 5A-B5.4.6.2-D. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-5	-31	-7	1	-1	-11	-9	3	-2	-9	-1	-10
Wet Water Years	-7	-29	-2	-1	-12	-28	-20	6	9	-17	-18	2
Above Normal Water Years	-10	-89	-7	0	22	-9	0	0	0	-19	25	0
Below Normal Water Years	2	-33	-11	0	5	1	-5	2	-2	-11	8	-37
Dry Water Years	-4	-16	-18	-1	4	2	0	-1	-24	15	8	-3
Critical Water Years	-15	-7	0	10	-8	-11	-1	-1	-6	-1	0	1

Table 5A-B5.4.6.3-A. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	214	397	356	407	378	337	262	203	346	441	421	155
20%	193	397	283	265	314	270	94	148	312	441	369	106
30%	168	374	231	218	254	228	66	69	295	421	334	75
40%	150	290	201	182	189	182	58	49	283	421	283	67
50%	110	197	183	161	167	159	43	37	274	402	259	52
60%	86	91	169	153	148	119	36	37	259	330	199	38
70%	60	62	161	145	138	112	36	37	188	190	43	18
80%	47	27	154	140	133	92	36	37	101	79	37	18
90%	25	9	111	125	97	46	36	37	28	47	18	18

Table 5A-B5.4.6.3-B. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	130	204	215	212	211	178	88	83	230	302	220	76
Wet Water Years	162	273	262	299	288	265	166	140	285	400	346	90
Above Normal Water Years	117	226	216	223	273	224	59	88	305	411	290	18
Below Normal Water Years	128	204	212	162	168	140	48	55	253	346	213	96
Dry Water Years	107	127	188	160	142	85	41	37	173	135	53	61
Critical Water Years	80	85	125	133	127	99	39	36	38	50	33	54

Table 5A-B5.4.6.3-C. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-11	0	-25	7	-17	-85	-25	7	0	0	-20	-47
20%	-10	0	-9	6	5	-15	-54	52	0	0	-41	-17
30%	-12	-15	-10	8	1	-3	0	2	2	-20	-9	-25
40%	-10	-48	4	1	6	5	-4	1	0	0	28	-9
50%	-15	-50	-3	0	1	0	-1	-1	-1	-20	21	-8
60%	-8	-105	-2	0	0	-2	-4	0	1	-88	30	-2
70%	2	-66	-1	-3	0	-3	0	0	2	-13	0	0
80%	3	-38	-3	-1	-1	-19	0	0	-23	15	1	0
90%	-1	-11	-26	1	-15	-21	0	0	2	1	0	0

Table 5A-B5.4.6.3-D. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-6	-33	-6	1	-2	-18	-11	1	-3	-9	2	-11
Wet Water Years	-7	-30	0	0	-13	-37	-26	2	7	-17	-16	2
Above Normal Water Years	-13	-97	-7	0	19	-9	0	0	0	-19	24	0
Below Normal Water Years	2	-35	-11	0	3	-8	-6	3	-3	-15	10	-38
Dry Water Years	-3	-17	-18	-1	4	-7	0	-3	-25	18	17	-6
Critical Water Years	-14	-6	1	11	-2	-8	1	-1	-6	-1	0	0

Table 5A-B5.4.6.4-A. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	214	397	363	379	382	337	262	204	359	441	421	156
20%	194	397	286	264	333	280	109	148	312	441	378	119
30%	170	362	234	218	254	229	66	70	295	422	340	98
40%	155	270	204	180	213	191	56	49	284	421	283	71
50%	125	199	185	161	171	161	43	37	275	404	257	60
60%	97	114	170	153	155	125	38	37	259	332	190	46
70%	76	67	161	145	141	115	36	37	186	191	43	21
80%	52	48	154	140	134	107	36	37	102	79	35	18
90%	28	18	112	125	101	58	36	36	33	49	18	18

Table 5A-B5.4.6.4-B. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	135	207	218	213	218	185	90	83	232	303	220	82
Wet Water Years	165	268	261	300	293	269	170	140	288	400	348	90
Above Normal Water Years	130	245	218	223	281	228	59	89	306	410	287	18
Below Normal Water Years	134	214	215	162	177	146	48	55	255	349	212	116
Dry Water Years	108	130	193	160	149	103	41	38	174	134	53	64
Critical Water Years	89	90	132	135	130	103	39	36	40	50	33	54

Table 5A-B5.4.6.4-C. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-11	0	-18	-21	-13	-84	-25	7	13	0	-20	-46
20%	-10	0	-6	4	24	-6	-39	52	0	0	-32	-3
30%	-10	-27	-7	8	0	-3	0	3	2	-19	-4	-3
40%	-5	-68	8	0	31	13	-6	1	1	0	28	-5
50%	0	-48	-2	0	6	2	-1	-1	0	-18	19	1
60%	2	-83	-2	0	7	4	-1	0	1	-87	22	6
70%	18	-61	-1	-3	2	-1	0	0	0	-11	0	4
80%	8	-18	-3	-1	-1	-4	0	0	-22	14	0	0
90%	2	-2	-25	2	-12	-8	0	-1	8	3	0	0

Table 5A-B5.4.6.4-D. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	-29	-4	2	5	-11	-9	1	-1	-9	2	-5
Wet Water Years	-4	-36	-1	1	-9	-32	-22	2	10	-17	-14	1
Above Normal Water Years	0	-79	-4	0	27	-4	0	0	0	-20	21	0
Below Normal Water Years	7	-25	-8	0	13	-2	-6	3	-2	-11	9	-18
Dry Water Years	-2	-14	-12	0	11	12	0	-1	-23	16	16	-3
Critical Water Years	-6	-2	8	13	2	-4	1	-1	-4	-1	0	0

Table 5A-B5.4.6.5-A. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	214	397	356	407	376	337	262	204	346	441	421	154
20%	193	397	283	265	314	270	94	148	312	441	369	106
30%	168	374	231	218	254	228	66	69	295	421	334	75
40%	150	290	201	182	188	182	58	49	283	421	283	67
50%	110	197	183	161	167	159	43	37	274	402	259	52
60%	86	91	169	153	148	119	36	37	259	330	199	38
70%	60	62	161	145	138	112	36	37	188	190	43	18
80%	47	27	154	140	133	92	36	37	101	79	37	18
90%	25	9	111	125	97	46	36	37	28	47	18	18

Table 5A-B5.4.6.5-B. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	130	204	215	212	211	178	88	83	230	302	220	76
Wet Water Years	162	273	262	299	288	263	166	140	285	400	346	90
Above Normal Water Years	117	226	216	223	270	224	59	88	305	411	290	18
Below Normal Water Years	128	204	212	162	168	140	48	55	253	345	213	96
Dry Water Years	107	127	188	160	142	85	41	37	173	135	53	61
Critical Water Years	80	85	125	133	127	99	38	36	38	50	33	54

Table 5A-B5.4.6.5-C. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-11	0	-25	7	-19	-85	-25	7	0	0	-20	-48
20%	-10	0	-9	6	5	-15	-54	52	0	0	-41	-17
30%	-12	-15	-10	8	1	-3	0	2	2	-20	-9	-25
40%	-10	-48	4	1	6	5	-4	1	0	0	28	-9
50%	-15	-50	-3	0	1	0	-1	-1	-1	-20	21	-8
60%	-8	-105	-2	0	0	-2	-4	0	1	-88	30	-2
70%	2	-66	-1	-3	0	-3	0	0	2	-13	0	0
80%	3	-38	-3	-2	-1	-19	0	0	-23	15	1	0
90%	-1	-11	-26	1	-15	-21	0	0	2	1	0	0

Table 5A-B5.4.6.5-D. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-6	-33	-6	1	-2	-19	-11	1	-3	-9	2	-11
Wet Water Years	-7	-30	0	0	-14	-38	-26	2	7	-17	-15	1
Above Normal Water Years	-13	-97	-7	0	16	-9	0	0	0	-19	24	0
Below Normal Water Years	2	-35	-11	0	3	-8	-6	3	-3	-15	10	-38
Dry Water Years	-3	-17	-18	-1	4	-7	0	-3	-25	18	17	-6
Critical Water Years	-14	-6	1	10	-2	-8	1	-1	-6	-1	0	0

B.4.7 Banks Pumping Plant, Through Delta – CVP Water

Figure 5A-B5.4.7.1-A. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Probability of Exceedance for No Project Alternatives, October to March

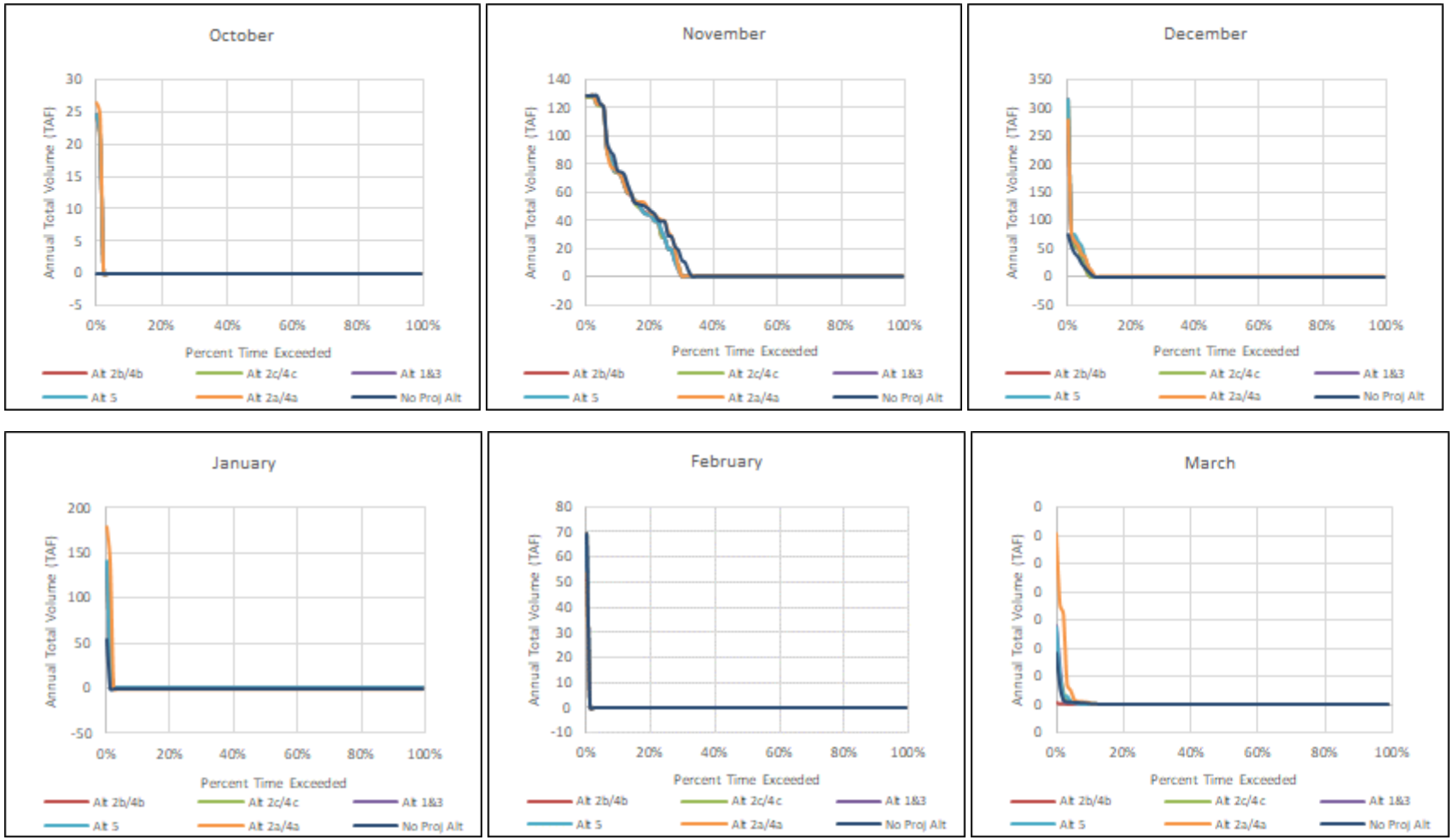


Figure 5A-B5.4.7.1-B. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Probability of Exceedance for No Project Alternatives, April to September

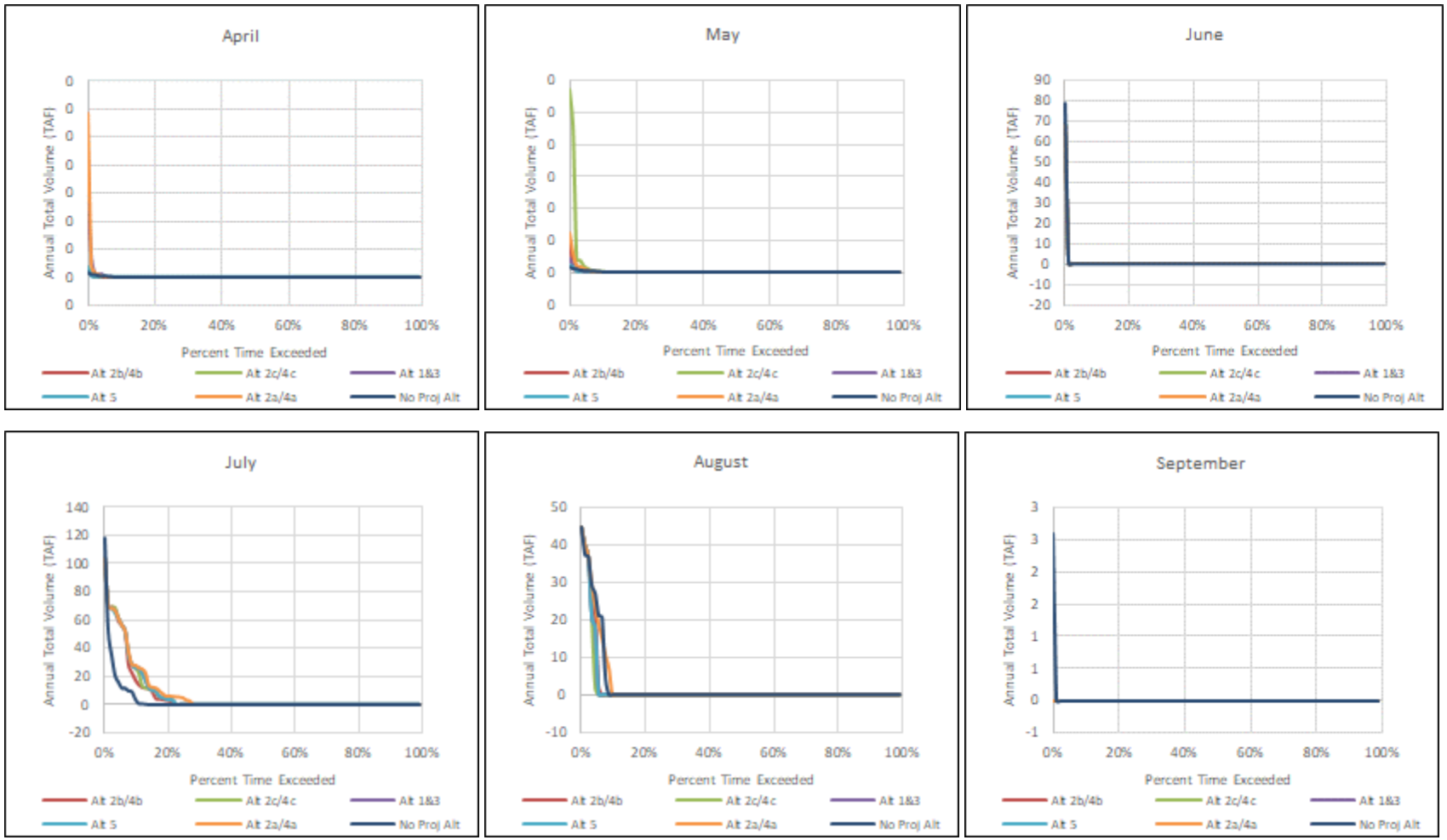


Table 5A-B5.4.7.1-A. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	75	0	0	0	0	0	0	0	3	0	0
20%	0	47	0	0	0	0	0	0	0	0	0	0
30%	0	12	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.1-B. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	21	3	1	1	0	0	0	1	3	2	0
Wet Water Years	0	19	0	2	2	0	0	0	2	4	0	0
Above Normal Water Years	0	30	11	0	0	0	0	0	0	4	0	0
Below Normal Water Years	0	23	6	0	0	0	0	0	0	4	8	0
Dry Water Years	0	28	0	0	0	0	0	0	0	3	0	0
Critical Water Years	0	6	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.1-C. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	73	0	0	0	0	0	0	0	17	0	0
20%	0	44	0	0	0	0	0	0	0	3	0	0
30%	0	1	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.1-D. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	19	6	2	1	0	0	0	1	7	2	0
Wet Water Years	1	18	10	5	2	0	0	0	2	9	0	0
Above Normal Water Years	0	29	12	0	0	0	0	0	0	14	0	0
Below Normal Water Years	0	19	5	0	0	0	0	0	0	5	7	0
Dry Water Years	0	28	0	0	0	0	0	0	0	3	0	0
Critical Water Years	2	6	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.1-E. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-1	0	0	0	0	0	0	0	14	0	0
20%	0	-3	0	0	0	0	0	0	0	3	0	0
30%	0	-11	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.1-F. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	-2	3	1	0	0	0	0	0	4	-1	0
Wet Water Years	1	-1	9	4	0	0	0	0	0	6	0	0
Above Normal Water Years	0	-2	1	0	0	0	0	0	0	10	0	0
Below Normal Water Years	0	-3	-1	0	0	0	0	0	0	2	-2	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	2	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.2-A. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	74	0	0	0	0	0	0	0	25	0	0
20%	0	44	0	0	0	0	0	0	0	4	0	0
30%	0	1	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.2-B. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	19	6	2	1	0	0	0	1	7	2	0
Wet Water Years	1	18	9	5	2	0	0	0	2	9	0	0
Above Normal Water Years	0	29	12	0	0	0	0	0	0	14	0	0
Below Normal Water Years	0	19	5	0	0	0	0	0	0	7	6	0
Dry Water Years	0	28	0	0	0	0	0	0	0	3	0	0
Critical Water Years	2	6	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.2-C. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-1	0	0	0	0	0	0	0	22	0	0
20%	0	-3	0	0	0	0	0	0	0	4	0	0
30%	0	-12	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.2-D. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	-2	3	1	0	0	0	0	0	4	-1	0
Wet Water Years	1	-1	9	4	0	0	0	0	0	6	0	0
Above Normal Water Years	0	-2	1	0	0	0	0	0	0	10	0	0
Below Normal Water Years	0	-4	-1	0	0	0	0	0	0	3	-3	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	2	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.3-A. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	73	0	0	0	0	0	0	0	26	0	0
20%	0	43	0	0	0	0	0	0	0	4	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.3-B. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	19	6	2	1	0	0	0	1	7	2	0
Wet Water Years	1	18	10	5	2	0	0	0	2	9	0	0
Above Normal Water Years	0	28	13	0	0	0	0	0	0	14	0	0
Below Normal Water Years	0	19	5	0	0	0	0	0	0	7	6	0
Dry Water Years	0	28	0	0	0	0	0	0	0	4	0	0
Critical Water Years	2	6	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.3-C. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-1	0	0	0	0	0	0	0	23	0	0
20%	0	-4	0	0	0	0	0	0	0	4	0	0
30%	0	-12	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.3-D. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	-2	3	1	0	0	0	0	0	4	-1	0
Wet Water Years	1	-1	9	4	0	0	0	0	0	6	0	0
Above Normal Water Years	0	-2	2	0	0	0	0	0	0	10	0	0
Below Normal Water Years	0	-4	-1	0	0	0	0	0	0	4	-2	0
Dry Water Years	0	0	0	0	0	0	0	0	0	1	0	0
Critical Water Years	2	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.4-A. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	73	0	0	0	0	0	0	0	27	0	0
20%	0	46	0	0	0	0	0	0	0	6	0	0
30%	0	1	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.4-B. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	20	6	3	1	0	0	0	1	8	2	0
Wet Water Years	1	18	10	10	2	0	0	0	2	9	0	0
Above Normal Water Years	0	31	13	0	0	0	0	0	0	14	0	0
Below Normal Water Years	0	20	5	0	0	0	0	0	0	9	8	0
Dry Water Years	0	28	0	0	0	0	0	0	0	5	1	0
Critical Water Years	2	7	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.4-C. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-2	0	0	0	0	0	0	0	24	0	0
20%	0	-1	0	0	0	0	0	0	0	6	0	0
30%	0	-12	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.4-D. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	-1	3	3	0	0	0	0	0	5	0	0
Wet Water Years	1	-1	9	8	0	0	0	0	0	6	0	0
Above Normal Water Years	0	1	2	0	0	0	0	0	0	10	0	0
Below Normal Water Years	0	-2	-1	0	0	0	0	0	0	5	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	3	1	0
Critical Water Years	2	1	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.5-A. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	73	0	0	0	0	0	0	0	26	0	0
20%	0	43	0	0	0	0	0	0	0	4	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.5-B. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	19	7	2	1	0	0	0	1	7	2	0
Wet Water Years	1	18	12	5	2	0	0	0	2	9	0	0
Above Normal Water Years	0	28	13	0	0	0	0	0	0	14	0	0
Below Normal Water Years	0	19	5	0	0	0	0	0	0	7	6	0
Dry Water Years	0	28	0	0	0	0	0	0	0	4	0	0
Critical Water Years	2	6	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.5-C. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-1	0	0	0	0	0	0	0	23	0	0
20%	0	-4	0	0	0	0	0	0	0	4	0	0
30%	0	-12	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.7.5-D. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	-2	4	1	0	0	0	0	0	4	-1	0
Wet Water Years	1	-1	12	4	0	0	0	0	0	6	0	0
Above Normal Water Years	0	-2	2	0	0	0	0	0	0	10	0	0
Below Normal Water Years	0	-4	-1	0	0	0	0	0	0	4	-2	0
Dry Water Years	0	0	0	0	0	0	0	0	0	1	0	0
Critical Water Years	2	0	0	0	0	0	0	0	0	0	0	0

B.4.8 Banks Pumping Plant, Through Delta – SWP Water

Figure 5A-B5.4.8.1-A. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Probability of Exceedance for No Project Alternatives, October to March

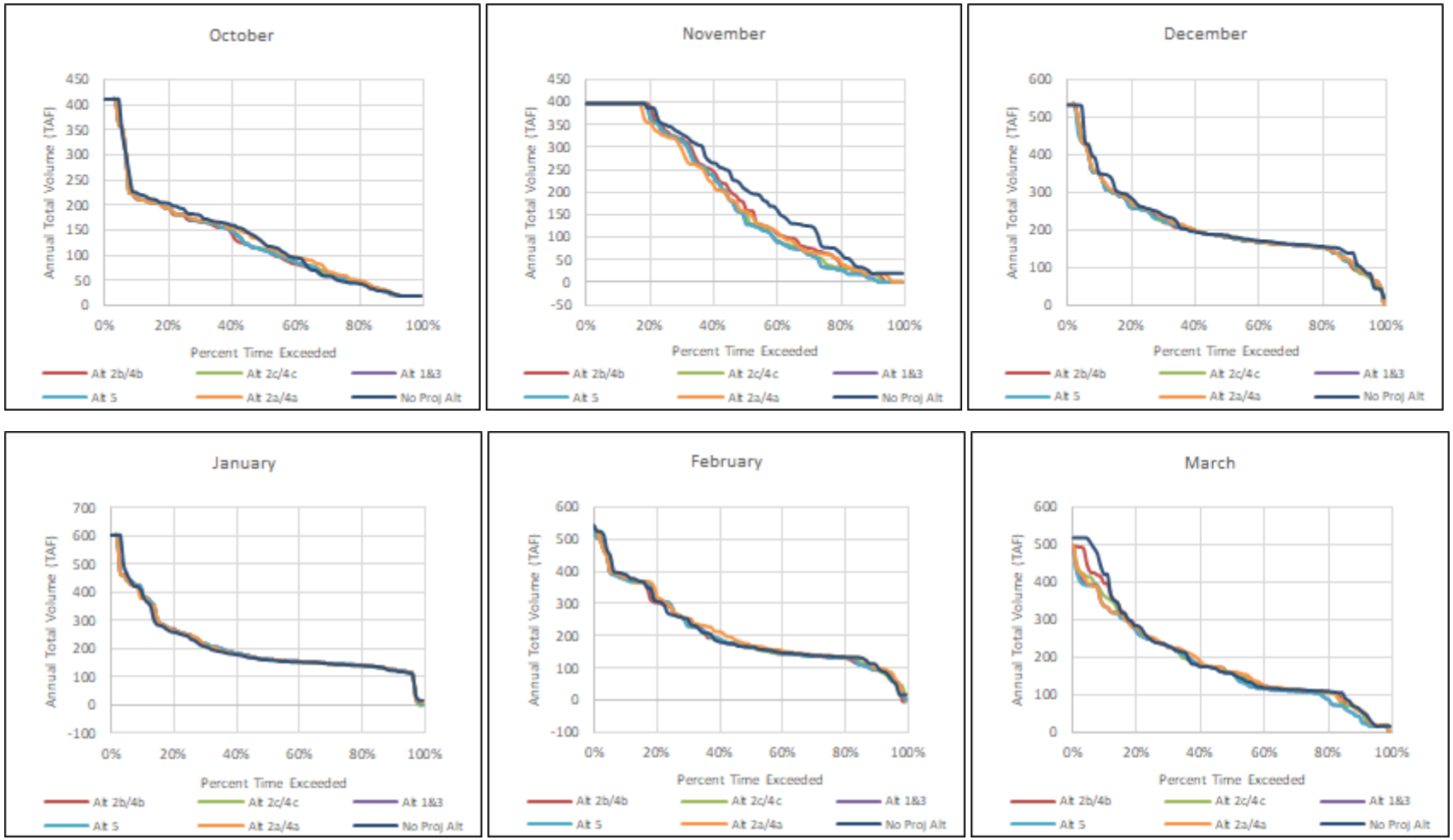


Figure 5A-B5.4.8.1-B. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Probability of Exceedance for No Project Alternatives, April to September

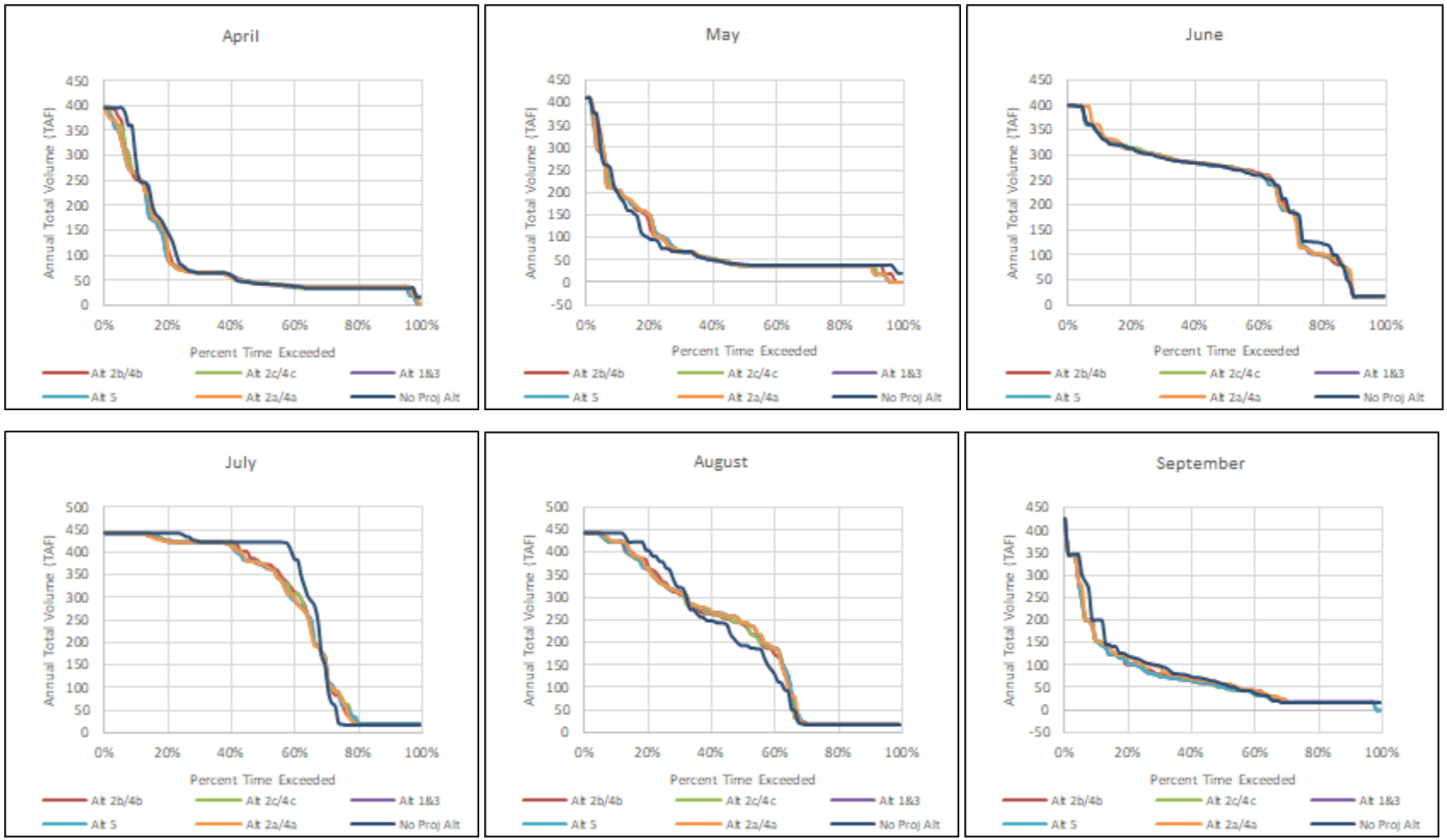


Table 5A-B5.4.8.1-A. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	224	397	351	400	392	422	287	197	338	441	441	202
20%	203	388	285	260	309	285	147	96	312	441	403	122
30%	180	330	240	209	254	231	66	67	293	422	322	100
40%	160	264	195	181	182	178	62	48	283	421	248	76
50%	125	207	186	161	166	159	44	38	275	421	193	60
60%	95	162	171	153	148	121	39	37	258	387	133	40
70%	58	124	162	148	139	115	36	37	187	145	18	18
80%	44	65	156	142	134	111	36	37	124	18	18	18
90%	26	20	138	124	112	66	36	37	25	18	18	18

Table 5A-B5.4.8.1-B. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	135	216	218	210	212	196	99	82	232	294	204	87
Wet Water Years	170	284	262	298	299	301	192	138	276	413	358	88
Above Normal Water Years	130	293	212	223	254	232	59	88	305	422	251	18
Below Normal Water Years	126	216	217	162	164	147	54	52	256	346	175	134
Dry Water Years	110	116	206	160	138	91	41	40	197	72	24	67
Critical Water Years	95	86	124	122	129	108	38	37	44	18	18	54

Table 5A-B5.4.8.1-C. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	212	397	346	401	378	396	253	203	338	441	421	155
20%	193	391	260	268	305	281	115	128	312	426	371	103
30%	166	320	220	218	246	228	66	67	296	421	306	82
40%	144	247	198	182	194	182	62	53	283	421	263	69
50%	111	170	180	161	167	160	43	38	277	373	240	58
60%	83	109	167	153	147	125	38	37	264	312	176	45
70%	65	76	160	145	139	115	36	37	188	160	24	23
80%	46	42	154	140	133	110	36	37	99	20	18	18
90%	23	18	99	124	99	61	36	37	26	18	18	18

Table 5A-B5.4.8.1-D. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	128	195	208	210	210	191	92	85	230	281	206	78
Wet Water Years	161	259	250	292	288	285	177	145	284	391	346	91
Above Normal Water Years	110	256	204	223	267	234	59	88	305	385	284	18
Below Normal Water Years	127	193	207	162	167	149	49	56	255	333	182	102
Dry Water Years	107	106	189	159	145	94	41	38	175	83	30	65
Critical Water Years	79	80	119	133	120	105	39	37	37	18	18	54

Table 5A-B5.4.8.1-E. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-12	0	-5	1	-13	-25	-34	6	0	0	-20	-47
20%	-10	3	-25	9	-4	-4	-33	32	0	-15	-32	-19
30%	-14	-10	-19	8	-7	-3	0	0	3	-1	-16	-19
40%	-16	-18	2	2	12	5	0	5	0	0	15	-7
50%	-14	-38	-6	0	1	1	-1	0	2	-48	47	-2
60%	-12	-53	-4	0	-1	4	-1	0	5	-75	43	5
70%	7	-48	-2	-3	0	0	0	0	1	14	5	5
80%	2	-23	-3	-2	-1	-1	0	0	-25	2	0	0
90%	-3	-2	-38	0	-13	-6	0	0	1	0	0	0

Table 5A-B5.4.8.1-F. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-7	-21	-11	-1	-2	-5	-6	3	-2	-13	2	-8
Wet Water Years	-9	-25	-12	-5	-11	-16	-15	7	8	-22	-12	2
Above Normal Water Years	-20	-37	-8	0	13	2	0	0	0	-37	32	0
Below Normal Water Years	1	-24	-9	0	2	2	-5	4	-1	-12	7	-32
Dry Water Years	-3	-10	-17	-1	7	2	0	-2	-22	11	6	-2
Critical Water Years	-16	-6	-5	11	-8	-3	1	-1	-7	0	0	0

Table 5A-B5.4.8.2-A. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	214	397	347	407	378	363	262	203	338	441	421	156
20%	193	370	260	265	312	271	94	148	313	427	359	109
30%	168	313	222	218	234	228	66	67	296	421	312	79
40%	150	237	198	182	192	178	58	53	285	421	265	66
50%	113	155	180	161	167	160	44	37	277	371	243	52
60%	88	94	167	153	147	124	36	37	260	306	186	40
70%	62	63	161	145	138	115	36	37	188	159	18	18
80%	46	31	154	140	133	108	36	37	100	20	18	18
90%	24	18	106	124	97	61	36	37	25	18	18	18

Table 5A-B5.4.8.2-B. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	130	186	209	210	211	185	90	85	230	280	206	77
Wet Water Years	162	256	251	293	287	274	172	145	285	390	339	91
Above Normal Water Years	120	206	204	223	275	224	59	88	305	383	285	18
Below Normal Water Years	129	187	207	162	169	149	49	55	254	328	189	97
Dry Water Years	106	101	188	159	142	94	41	38	173	87	32	64
Critical Water Years	78	79	124	132	121	96	36	36	38	18	18	54

Table 5A-B5.4.8.2-C. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-10	0	-4	7	-13	-58	-25	6	0	0	-20	-46
20%	-10	-17	-25	5	3	-14	-54	52	1	-15	-44	-14
30%	-12	-17	-18	8	-19	-3	0	0	3	-1	-10	-21
40%	-10	-28	3	1	10	0	-4	5	2	0	17	-10
50%	-12	-52	-6	0	1	1	-1	-1	2	-50	49	-8
60%	-7	-68	-4	0	0	2	-3	0	2	-81	53	0
70%	4	-62	-1	-3	0	-1	0	0	1	14	0	0
80%	2	-34	-3	-2	-1	-2	0	0	-24	2	0	0
90%	-2	-2	-31	0	-15	-6	0	0	0	0	0	0

Table 5A-B5.4.8.2-D. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-6	-29	-10	0	-1	-11	-9	3	-2	-14	2	-10
Wet Water Years	-8	-28	-11	-4	-12	-28	-20	6	9	-23	-18	2
Above Normal Water Years	-10	-87	-8	0	22	-9	0	0	0	-39	33	0
Below Normal Water Years	2	-30	-10	0	5	1	-5	2	-2	-17	13	-37
Dry Water Years	-4	-15	-18	-1	4	2	0	-1	-24	15	8	-3
Critical Water Years	-17	-7	0	10	-8	-11	-1	-1	-6	0	0	0

Table 5A-B5.4.8.3-A. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	214	397	347	407	378	337	262	203	338	441	421	155
20%	193	371	260	265	314	270	94	148	312	423	363	106
30%	168	314	228	218	234	228	66	69	295	421	312	75
40%	150	237	199	182	189	182	58	49	283	414	268	66
50%	110	141	180	161	167	159	43	37	274	370	244	52
60%	86	91	167	153	148	119	36	37	259	298	186	35
70%	60	62	160	145	138	112	36	37	188	160	18	18
80%	47	27	152	140	133	92	36	37	101	27	18	18
90%	25	9	111	125	97	46	36	37	28	18	18	18

Table 5A-B5.4.8.3-B. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	129	185	209	210	210	178	88	83	229	279	208	76
Wet Water Years	162	255	252	294	286	265	166	140	283	390	341	90
Above Normal Water Years	117	198	203	223	273	224	59	88	305	383	284	18
Below Normal Water Years	128	185	207	162	168	140	48	55	253	323	190	96
Dry Water Years	107	99	188	160	142	85	41	37	173	89	41	61
Critical Water Years	79	79	125	133	127	99	39	36	38	18	18	54

Table 5A-B5.4.8.3-C. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-11	0	-5	7	-13	-85	-25	7	0	0	-20	-47
20%	-10	-17	-25	6	5	-15	-54	52	0	-19	-40	-17
30%	-12	-16	-12	8	-19	-3	0	2	2	-1	-10	-25
40%	-10	-28	3	1	6	5	-4	1	0	-8	20	-10
50%	-15	-66	-6	0	1	0	-1	-1	-1	-51	51	-8
60%	-8	-71	-4	0	0	-2	-4	0	1	-89	54	-5
70%	1	-62	-2	-3	0	-3	0	0	2	15	0	0
80%	3	-38	-4	-1	-1	-19	0	0	-23	9	0	0
90%	-1	-11	-26	1	-15	-21	0	0	2	0	0	0

Table 5A-B5.4.8.3-D. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-6	-31	-10	0	-2	-18	-11	1	-3	-15	4	-11
Wet Water Years	-8	-29	-10	-4	-13	-37	-26	2	7	-23	-16	2
Above Normal Water Years	-13	-95	-9	0	19	-9	0	0	0	-39	33	0
Below Normal Water Years	2	-32	-10	0	3	-8	-6	3	-3	-23	15	-38
Dry Water Years	-3	-17	-18	-1	4	-7	0	-3	-25	16	17	-6
Critical Water Years	-16	-7	1	11	-2	-8	1	-1	-6	0	0	0

Table 5A-B5.4.8.4-A. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	214	397	347	379	382	337	262	204	354	441	421	156
20%	194	353	273	264	333	280	109	148	312	422	364	119
30%	170	297	234	218	254	229	66	70	295	421	310	98
40%	155	218	199	180	213	191	56	49	284	415	270	71
50%	125	157	182	161	171	161	43	37	275	373	244	60
60%	97	113	169	153	155	125	38	37	259	298	186	46
70%	70	67	160	145	141	115	36	37	186	157	18	21
80%	51	48	154	140	134	107	36	37	102	21	18	18
90%	28	18	112	125	101	58	36	36	33	18	18	18

Table 5A-B5.4.8.4-B. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	134	188	212	209	217	185	90	83	231	278	209	82
Wet Water Years	165	250	251	290	291	269	170	140	286	391	344	90
Above Normal Water Years	130	214	205	223	281	228	59	89	306	380	284	18
Below Normal Water Years	134	193	210	162	177	146	48	55	255	325	190	116
Dry Water Years	108	102	193	160	149	103	41	38	174	86	40	64
Critical Water Years	87	83	132	135	130	103	39	36	40	18	18	54

Table 5A-B5.4.8.4-C. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-11	0	-4	-21	-10	-84	-25	7	16	0	-20	-46
20%	-10	-34	-13	4	24	-6	-39	52	0	-19	-39	-3
30%	-10	-33	-6	8	0	-3	0	3	2	-1	-12	-3
40%	-5	-47	4	0	30	13	-6	1	1	-7	23	-5
50%	0	-50	-5	0	6	2	-1	-1	0	-48	51	1
60%	2	-50	-2	0	7	4	-1	0	1	-90	54	6
70%	12	-57	-1	-3	2	-1	0	0	0	12	0	4
80%	7	-18	-3	-1	-1	-4	0	0	-22	2	0	0
90%	2	-2	-25	2	-12	-8	0	-1	8	0	0	0

Table 5A-B5.4.8.4-D. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	-28	-7	-1	5	-11	-9	1	-1	-16	4	-5
Wet Water Years	-5	-34	-10	-7	-9	-32	-22	2	10	-22	-14	1
Above Normal Water Years	0	-80	-7	0	27	-4	0	0	0	-42	33	0
Below Normal Water Years	7	-23	-7	0	13	-2	-6	3	-2	-21	14	-18
Dry Water Years	-2	-14	-12	0	11	12	0	-1	-23	13	16	-3
Critical Water Years	-8	-3	8	13	2	-4	1	-1	-4	0	0	0

Table 5A-B5.4.8.5-A. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	214	397	347	407	376	337	262	204	338	441	421	154
20%	193	371	260	265	314	270	94	148	312	422	363	106
30%	168	314	225	218	234	228	66	69	295	421	312	75
40%	150	237	199	182	188	182	58	49	283	414	268	66
50%	110	141	180	161	167	159	43	37	274	372	244	52
60%	86	91	167	153	148	119	36	37	259	292	186	35
70%	60	62	160	145	138	112	36	37	188	160	18	18
80%	47	27	152	140	133	92	36	37	101	28	18	18
90%	25	9	111	125	97	46	36	37	28	18	18	18

Table 5A-B5.4.8.5-B. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	129	185	208	210	210	178	88	83	229	279	208	76
Wet Water Years	162	255	250	294	286	263	166	140	283	391	342	90
Above Normal Water Years	117	198	203	223	270	224	59	88	305	383	284	18
Below Normal Water Years	128	185	207	162	168	140	48	55	253	323	190	96
Dry Water Years	107	99	188	160	142	85	41	37	173	89	41	61
Critical Water Years	79	79	125	133	127	99	38	36	38	18	18	54

Table 5A-B5.4.8.5-C. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-11	0	-4	7	-16	-85	-25	7	0	0	-20	-48
20%	-10	-17	-25	6	5	-15	-54	52	0	-19	-40	-17
30%	-12	-16	-14	8	-19	-3	0	2	2	-1	-10	-25
40%	-10	-28	3	1	6	5	-4	1	0	-8	20	-10
50%	-15	-66	-6	0	1	0	-1	-1	-1	-49	51	-8
60%	-8	-71	-4	0	0	-2	-4	0	1	-96	54	-5
70%	1	-62	-2	-3	0	-3	0	0	2	15	0	0
80%	3	-38	-4	-2	-1	-19	0	0	-23	9	0	0
90%	-1	-11	-26	1	-15	-21	0	0	2	0	0	0

Table 5A-B5.4.8.5-D. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-6	-31	-10	0	-2	-19	-11	1	-3	-15	4	-11
Wet Water Years	-8	-29	-12	-4	-14	-38	-26	2	7	-22	-16	2
Above Normal Water Years	-13	-95	-9	0	16	-9	0	0	0	-39	33	0
Below Normal Water Years	2	-31	-10	0	3	-8	-6	3	-3	-23	15	-38
Dry Water Years	-3	-17	-18	-1	4	-7	0	-3	-25	16	17	-6
Critical Water Years	-16	-7	1	10	-2	-8	1	-1	-6	0	0	0

B.4.9 Banks Pumping Plant, Total (including North Delta Diversion)

Figure 5A-B5.4.9.1-A. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Probability of Exceedance for No Project Alternatives, October to March

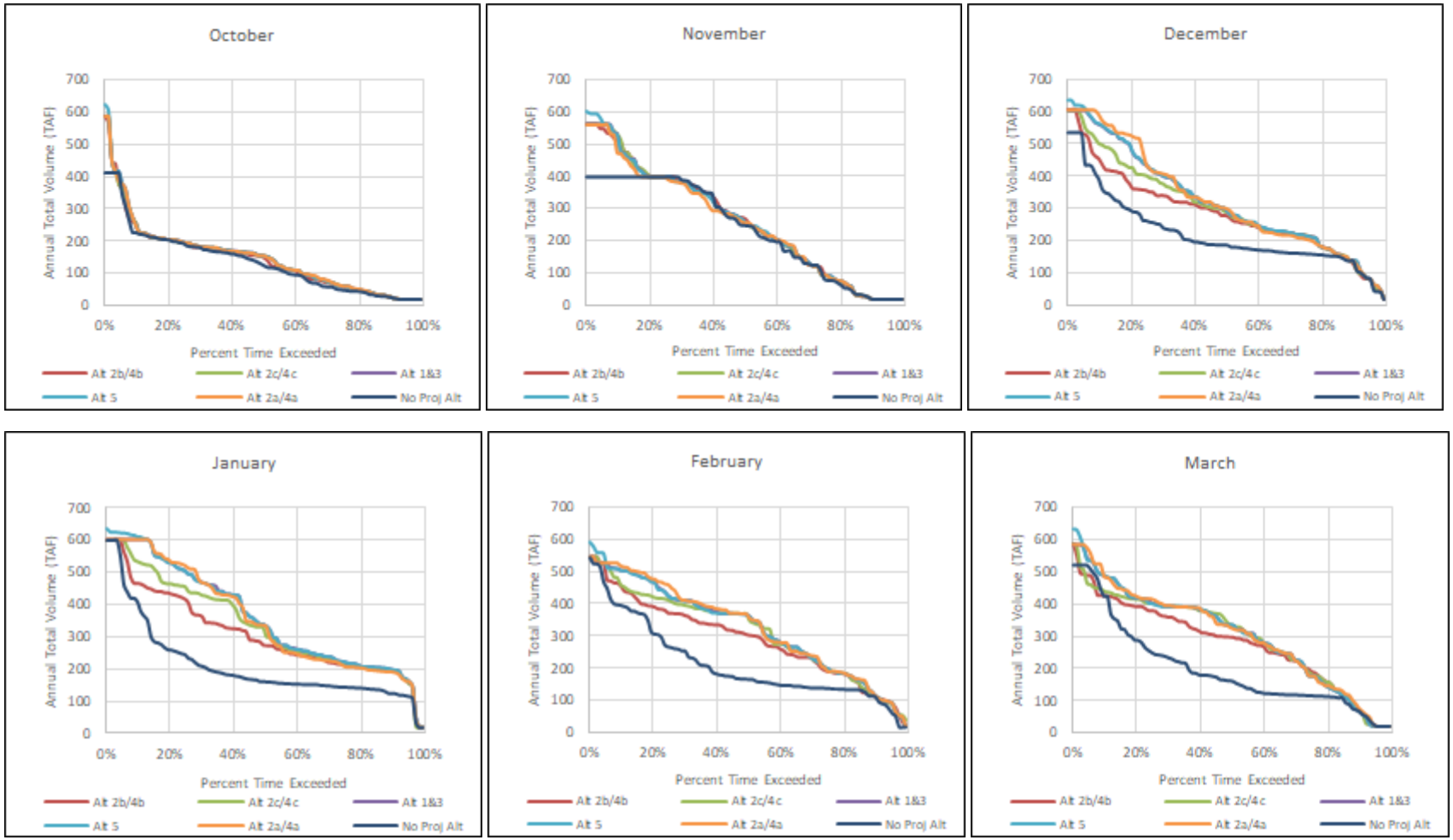


Figure 5A-B5.4.9.1-B. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Probability of Exceedance for No Project Alternatives, April to September

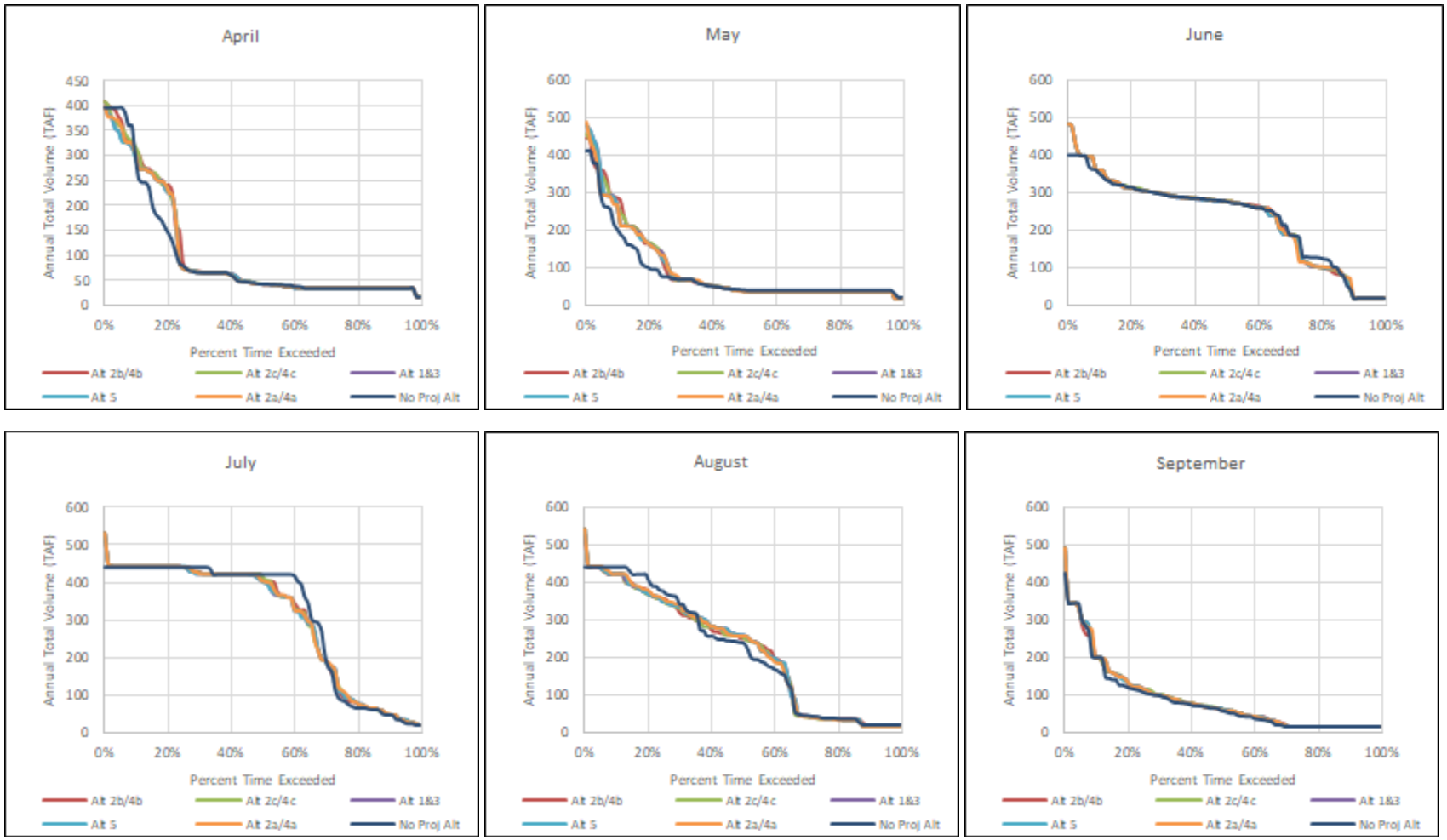


Table 5A-B5.4.9.1-A. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	224	397	381	400	395	422	287	197	346	441	441	202
20%	203	397	292	260	309	285	147	96	312	441	410	122
30%	180	389	240	209	254	231	66	67	293	441	343	100
40%	160	337	196	181	182	178	62	48	283	421	255	76
50%	125	247	186	161	166	159	44	38	275	421	238	60
60%	95	197	171	153	148	121	39	37	258	419	168	40
70%	58	128	162	148	139	115	36	37	187	202	43	18
80%	44	65	156	142	134	111	36	37	124	64	35	18
90%	26	20	138	124	112	66	36	37	25	46	18	18

Table 5A-B5.4.9.1-B. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	135	237	221	211	213	196	99	82	233	311	218	87
Wet Water Years	170	303	262	299	302	301	192	138	278	417	362	89
Above Normal Water Years	130	323	222	223	254	232	59	88	305	430	266	18
Below Normal Water Years	126	239	223	162	164	147	54	52	256	360	203	134
Dry Water Years	110	144	206	160	138	91	41	40	197	118	37	67
Critical Water Years	95	92	124	122	129	108	38	37	44	51	33	55

Table 5A-B5.4.9.1-C. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	248	508	447	465	451	425	306	285	359	441	421	201
20%	205	400	367	434	390	392	241	162	312	441	378	133
30%	180	383	339	363	362	358	69	67	296	427	320	102
40%	166	335	311	325	333	313	63	53	283	421	276	81
50%	150	268	276	273	302	296	43	38	277	412	250	62
60%	109	202	241	242	259	267	38	37	264	347	201	45
70%	71	127	224	220	230	223	36	37	188	190	43	23
80%	50	73	183	205	181	158	36	37	99	77	34	18
90%	27	20	131	194	112	68	36	37	26	47	18	18

Table 5A-B5.4.9.1-D. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	146	260	285	308	289	277	106	97	234	303	220	91
Wet Water Years	184	342	365	421	369	364	207	176	296	400	353	93
Above Normal Water Years	155	347	306	339	362	368	70	96	305	409	295	18
Below Normal Water Years	136	260	265	252	246	253	57	56	255	355	207	144
Dry Water Years	109	153	236	240	242	173	41	41	175	129	43	67
Critical Water Years	102	95	148	174	162	141	39	37	37	50	33	55

Table 5A-B5.4.9.1-E. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	24	111	66	65	56	3	19	88	13	0	-20	-1
20%	1	2	75	174	81	107	94	66	0	0	-32	11
30%	0	-5	98	154	109	127	3	0	3	-14	-23	2
40%	6	-3	115	144	151	136	2	5	0	0	20	5
50%	25	21	90	112	136	137	-1	0	2	-10	12	3
60%	14	6	70	89	111	146	-1	0	5	-72	32	5
70%	13	-1	62	72	92	107	0	0	1	-12	0	5
80%	6	8	27	64	47	47	0	0	-25	12	-1	0
90%	1	0	-7	70	0	1	0	0	1	1	0	0

Table 5A-B5.4.9.1-F. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11	23	64	97	76	81	7	15	2	-8	1	4
Wet Water Years	15	39	103	122	67	63	15	37	18	-16	-9	4
Above Normal Water Years	25	23	83	116	108	135	12	7	0	-20	28	0
Below Normal Water Years	10	21	43	89	82	106	3	4	-1	-6	3	10
Dry Water Years	-1	9	30	80	104	82	0	1	-22	11	6	0
Critical Water Years	8	3	25	52	34	34	1	-1	-7	-1	0	0

Table 5A-B5.4.9.2-A. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	248	524	502	532	456	438	313	264	359	441	421	202
20%	205	400	427	464	420	414	231	168	313	441	367	136
30%	182	381	378	429	394	392	67	67	296	425	331	103
40%	169	322	322	396	372	378	62	53	285	421	281	80
50%	155	258	290	314	356	334	44	38	277	415	254	64
60%	110	204	246	255	273	279	36	37	260	335	197	45
70%	76	131	225	230	231	226	36	37	188	189	43	18
80%	47	73	183	206	183	156	36	37	100	79	36	18
90%	27	20	137	196	113	68	36	37	25	47	18	18

Table 5A-B5.4.9.2-B. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	149	260	304	336	310	296	104	98	234	303	219	92
Wet Water Years	189	349	400	467	380	367	203	180	297	400	347	93
Above Normal Water Years	165	315	331	371	415	411	69	94	305	411	291	18
Below Normal Water Years	137	262	277	273	279	290	58	56	254	353	211	146
Dry Water Years	108	153	237	259	260	198	41	41	173	132	45	67
Critical Water Years	103	93	160	175	167	140	36	37	38	50	33	55

Table 5A-B5.4.9.2-C. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	23	127	121	132	61	17	26	67	13	0	-20	0
20%	1	3	135	204	111	129	84	72	1	0	-43	14
30%	2	-7	138	219	140	160	1	0	3	-17	-13	3
40%	9	-15	125	215	190	201	0	5	2	0	26	4
50%	30	11	104	153	191	175	-1	0	2	-7	16	5
60%	15	7	75	102	125	158	-3	0	2	-83	29	5
70%	18	3	64	82	93	110	0	0	1	-13	0	0
80%	4	8	27	64	49	45	0	0	-24	14	1	0
90%	1	0	0	72	1	1	0	0	0	1	0	0

Table 5A-B5.4.9.2-D. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	14	23	83	125	98	100	6	16	2	-8	1	5
Wet Water Years	20	45	138	167	79	66	11	41	19	-17	-15	4
Above Normal Water Years	35	-9	108	149	161	179	11	5	0	-19	25	0
Below Normal Water Years	11	23	54	111	114	143	4	4	-2	-8	8	12
Dry Water Years	-2	9	32	99	122	106	0	1	-24	15	8	0
Critical Water Years	9	2	36	53	39	33	-1	-1	-6	-1	0	1

Table 5A-B5.4.9.3-A. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	243	512	560	599	503	487	295	250	359	441	421	202
20%	205	398	484	527	467	419	228	163	312	441	369	136
30%	182	382	401	467	409	393	68	69	295	421	334	103
40%	170	322	336	428	376	384	63	51	283	421	283	78
50%	155	259	296	334	362	334	44	38	274	402	259	65
60%	110	204	247	261	280	280	36	37	259	330	199	45
70%	77	135	225	236	232	226	36	37	188	190	43	22
80%	48	76	183	209	183	144	36	37	101	79	37	18
90%	28	20	139	197	116	68	36	37	28	47	18	18

Table 5A-B5.4.9.3-B. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	151	260	320	357	321	304	103	97	233	303	221	92
Wet Water Years	193	348	430	502	379	356	198	177	295	400	349	93
Above Normal Water Years	165	315	351	397	429	447	68	93	305	411	290	18
Below Normal Water Years	137	263	285	288	301	304	57	57	253	349	213	148
Dry Water Years	109	154	238	271	278	226	41	40	173	135	53	67
Critical Water Years	104	95	167	178	174	145	39	37	38	50	33	54

Table 5A-B5.4.9.3-C. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	19	115	179	200	108	66	8	53	13	0	-20	0
20%	2	0	192	268	158	134	80	67	0	0	-41	14
30%	2	-7	161	257	156	162	2	2	2	-20	-9	3
40%	10	-15	139	247	193	206	2	3	0	0	28	2
50%	30	12	109	173	197	176	-1	0	-1	-20	21	5
60%	15	8	76	107	133	159	-3	0	1	-88	30	5
70%	19	7	64	88	93	111	0	0	2	-13	0	4
80%	5	10	27	67	49	33	0	0	-23	15	1	0
90%	2	0	1	73	4	1	0	0	2	1	0	0

Table 5A-B5.4.9.3-D. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	15	23	99	147	108	108	4	15	1	-8	3	5
Wet Water Years	23	44	168	203	78	55	6	39	17	-17	-13	4
Above Normal Water Years	35	-8	128	174	175	215	9	5	0	-19	24	0
Below Normal Water Years	11	24	63	126	137	157	3	5	-3	-11	10	14
Dry Water Years	-1	10	33	111	140	135	0	0	-25	18	17	0
Critical Water Years	9	3	43	56	45	38	1	-1	-6	-1	0	0

Table 5A-B5.4.9.4-A. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	242	473	584	599	515	486	295	252	359	441	421	202
20%	205	397	524	533	476	424	232	163	312	441	378	136
30%	182	379	407	467	410	396	66	70	295	422	340	101
40%	169	294	335	422	383	387	62	51	284	421	283	79
50%	155	256	300	332	360	325	43	37	275	404	257	62
60%	110	204	246	245	279	279	38	37	259	332	190	46
70%	80	127	216	224	238	225	36	37	186	191	43	21
80%	52	76	183	203	184	146	36	37	102	79	35	18
90%	28	20	138	190	116	79	36	37	33	49	18	18

Table 5A-B5.4.9.4-B. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	151	256	323	352	325	306	103	96	234	304	221	92
Wet Water Years	192	333	435	509	385	356	199	172	294	400	351	92
Above Normal Water Years	165	318	345	389	433	451	68	93	306	410	287	18
Below Normal Water Years	138	265	288	275	309	303	58	57	255	353	212	149
Dry Water Years	109	153	235	259	278	239	41	42	174	134	53	67
Critical Water Years	103	97	175	171	170	147	39	36	40	50	33	54

Table 5A-B5.4.9.4-C. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	17	76	203	200	120	64	8	55	13	0	-20	0
20%	2	0	232	273	167	139	84	67	0	0	-32	14
30%	2	-10	167	257	157	164	1	3	2	-19	-4	1
40%	9	-44	138	241	201	209	0	3	1	0	28	2
50%	30	9	113	171	195	167	-1	-1	0	-18	19	2
60%	15	7	75	92	131	158	-1	0	1	-87	22	6
70%	22	-1	55	76	99	110	0	0	0	-11	0	4
80%	8	10	27	61	50	35	0	0	-22	14	0	0
90%	2	0	0	66	4	12	0	0	8	3	0	0

Table 5A-B5.4.9.4-D. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	15	19	102	141	113	110	5	14	1	-8	3	5
Wet Water Years	22	30	173	209	83	54	7	33	16	-16	-11	3
Above Normal Water Years	35	-5	123	166	180	218	9	4	0	-20	21	0
Below Normal Water Years	12	26	65	112	145	156	4	5	-2	-8	9	15
Dry Water Years	-1	9	29	99	140	147	0	2	-23	16	16	0
Critical Water Years	8	5	51	48	41	39	1	-1	-4	-1	0	0

Table 5A-B5.4.9.5-A. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	243	512	560	607	503	487	290	250	359	441	421	202
20%	205	398	484	527	467	419	228	163	312	441	369	134
30%	182	382	401	466	408	392	68	69	295	421	334	103
40%	170	323	336	428	370	383	63	51	283	421	283	78
50%	155	259	296	334	362	334	44	38	274	402	259	65
60%	110	204	248	259	280	280	36	37	259	330	199	45
70%	77	135	225	236	232	226	36	37	188	190	43	22
80%	48	76	183	209	183	144	36	37	101	79	37	18
90%	28	20	139	197	116	68	36	37	28	47	18	18

Table 5A-B5.4.9.5-B. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	151	262	321	359	322	305	103	97	233	303	221	92
Wet Water Years	194	352	432	507	380	355	198	175	295	400	349	92
Above Normal Water Years	165	319	354	399	430	449	68	93	305	411	290	18
Below Normal Water Years	137	264	286	288	304	307	57	57	253	348	213	148
Dry Water Years	109	153	238	271	278	226	41	40	173	135	53	67
Critical Water Years	104	95	167	178	174	145	38	37	38	50	33	54

Table 5A-B5.4.9.5-C. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	19	115	179	208	108	66	2	53	13	0	-20	0
20%	2	1	192	268	158	134	80	67	0	0	-41	12
30%	2	-7	161	257	154	160	2	2	2	-20	-9	3
40%	10	-15	139	247	188	206	2	3	0	0	28	2
50%	30	12	109	173	197	176	-1	0	-1	-20	21	5
60%	15	8	77	106	133	159	-3	0	1	-88	30	5
70%	19	7	64	88	93	111	0	0	2	-13	0	4
80%	5	10	27	67	49	33	0	0	-23	15	1	0
90%	2	0	1	73	4	1	0	0	2	1	0	0

Table 5A-B5.4.9.5-D. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	16	25	100	148	110	109	4	15	1	-8	3	5
Wet Water Years	25	48	170	208	79	54	6	37	17	-16	-12	3
Above Normal Water Years	35	-4	131	176	176	217	9	4	0	-19	24	0
Below Normal Water Years	11	25	64	126	140	160	3	5	-3	-12	10	14
Dry Water Years	-1	9	33	111	140	135	0	0	-25	18	17	0
Critical Water Years	9	3	43	56	45	38	1	-1	-6	-1	0	0

B.4.10 Total SWP Export (including Barker Slough Pumping Plant)

Figure 5A-B5.4.10.1-A. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Probability of Exceedance for No Project Alternatives, October to March

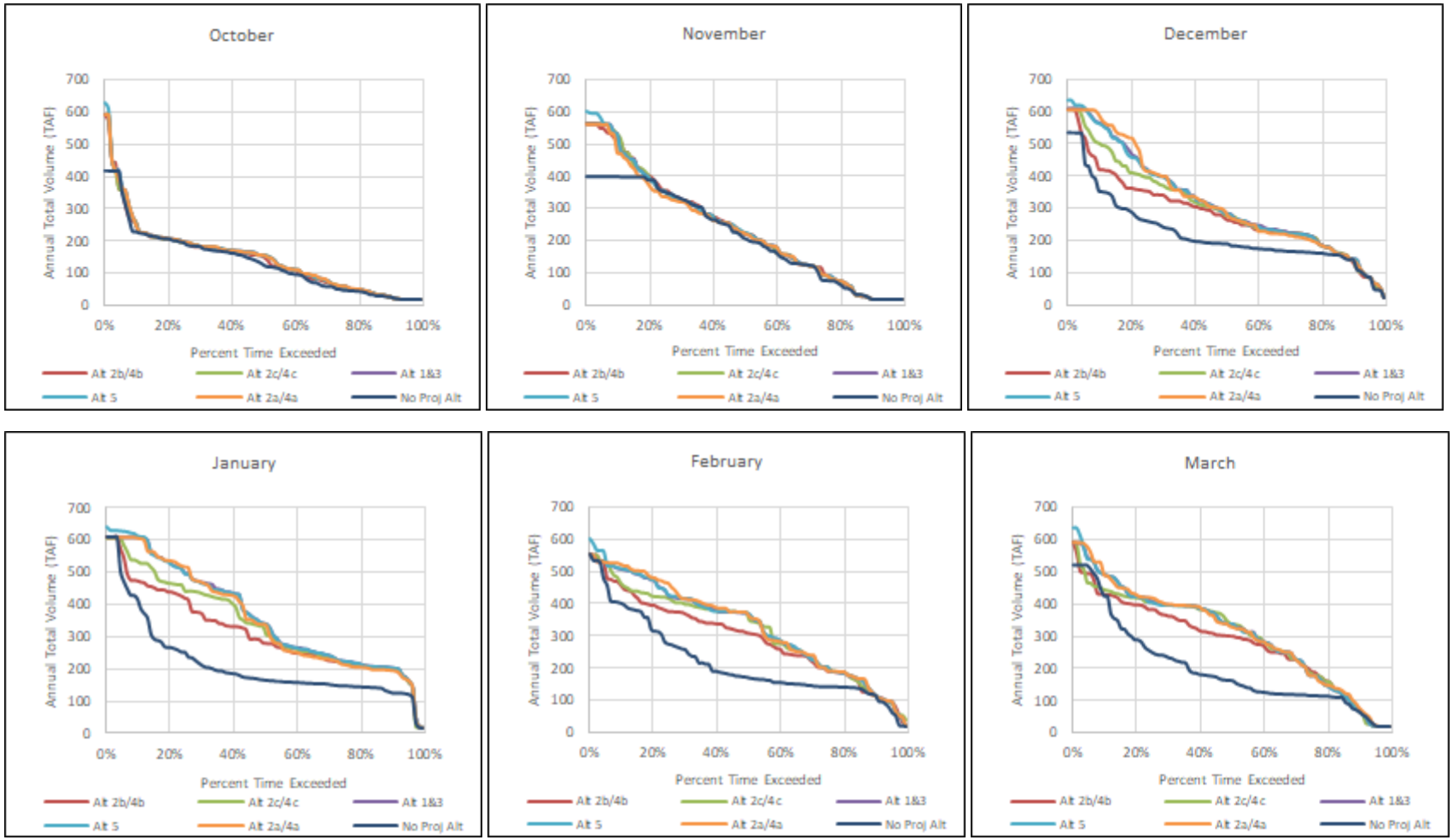


Figure 5A-B5.4.10.1-B. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Probability of Exceedance for No Project Alternatives, April to September

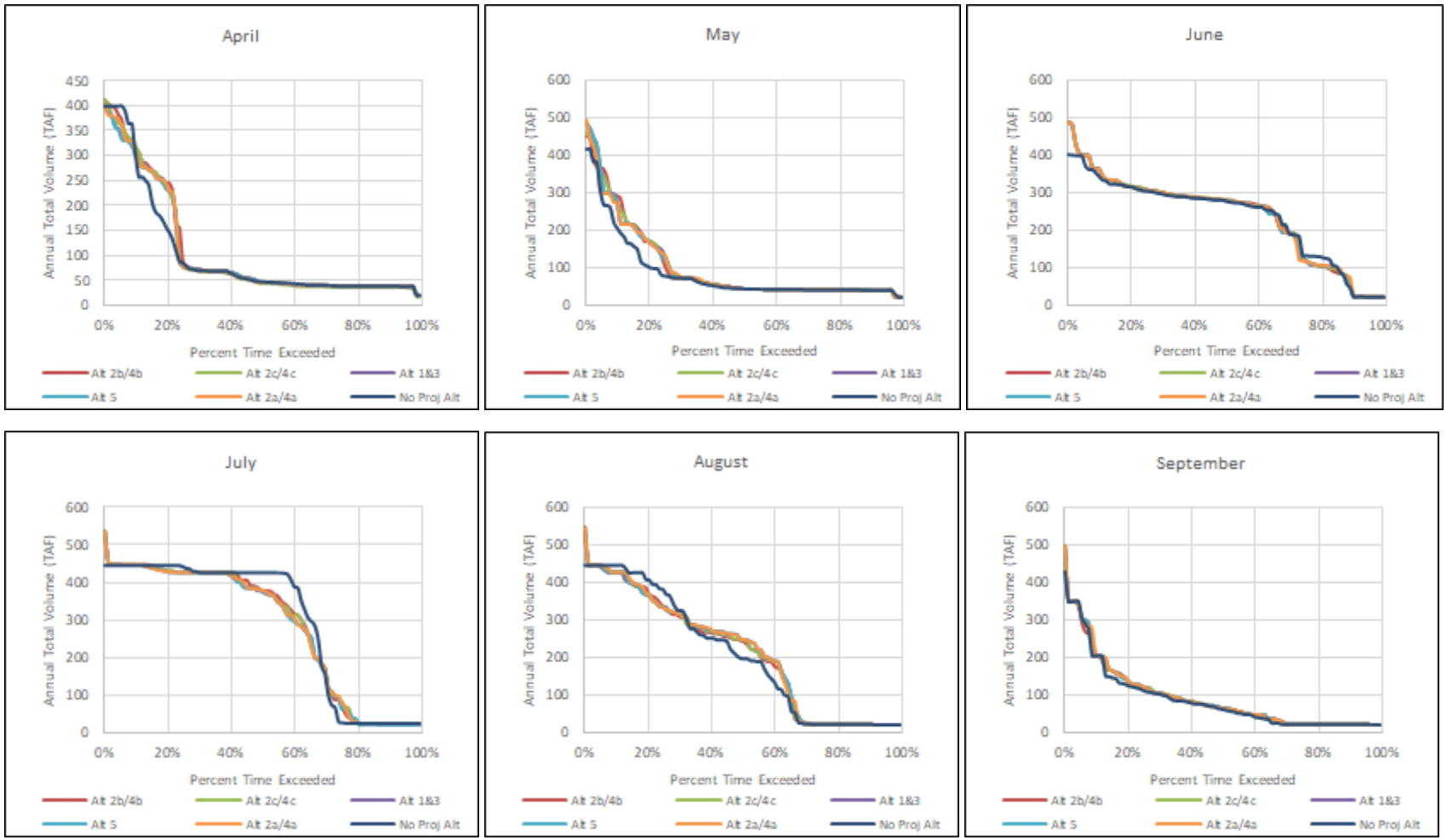


Table 5A-B5.4.10.1-A. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	228	400	353	407	398	426	290	201	341	445	445	206
20%	207	389	288	267	315	289	151	100	316	445	407	126
30%	183	331	241	213	256	234	69	71	296	426	325	103
40%	162	266	197	187	189	182	63	51	287	425	252	80
50%	127	209	189	167	170	163	46	42	278	425	197	62
60%	98	164	174	160	154	127	43	40	262	391	136	43
70%	61	126	165	154	145	119	39	40	190	149	24	22
80%	46	67	159	146	140	114	37	40	128	23	22	22
90%	29	21	139	128	116	68	37	39	29	22	22	22

Table 5A-B5.4.10.1-B. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	138	218	221	216	217	200	101	86	235	298	208	90
Wet Water Years	173	286	264	304	306	305	195	143	279	417	362	92
Above Normal Water Years	133	295	214	230	260	236	61	92	309	426	255	22
Below Normal Water Years	129	218	218	168	170	151	57	56	259	350	179	138
Dry Water Years	113	118	207	166	142	94	43	42	201	76	28	70
Critical Water Years	97	88	125	125	131	109	39	40	47	22	21	57

Table 5A-B5.4.10.1-C. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	252	511	421	470	455	428	309	289	357	445	425	205
20%	208	401	361	437	395	396	244	167	316	430	375	136
30%	183	329	340	370	369	361	72	71	300	425	310	105
40%	169	275	304	330	338	316	65	56	287	425	267	84
50%	153	223	265	279	309	299	45	42	280	377	244	66
60%	112	166	232	249	259	269	41	40	267	316	180	48
70%	74	126	221	226	223	227	39	40	192	164	27	26
80%	51	74	185	209	186	161	37	40	103	24	22	22
90%	29	21	132	200	115	70	37	39	30	22	22	22

Table 5A-B5.4.10.1-D. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	149	242	281	312	293	280	109	100	237	286	211	95
Wet Water Years	186	326	358	423	373	368	210	180	298	395	352	96
Above Normal Water Years	158	320	296	346	368	372	73	99	309	389	288	22
Below Normal Water Years	139	243	262	257	251	257	60	60	258	341	186	148
Dry Water Years	112	127	238	246	246	176	43	43	179	87	34	70
Critical Water Years	103	91	150	177	164	143	40	39	40	22	21	57

Table 5A-B5.4.10.1-E. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	25	111	67	63	57	3	19	89	16	0	-20	-1
20%	1	12	73	170	80	107	94	67	0	-15	-32	10
30%	0	-3	99	158	113	127	3	0	4	-1	-16	2
40%	7	9	107	144	149	134	2	5	0	0	15	4
50%	25	14	76	112	139	137	-1	0	2	-48	47	4
60%	14	2	59	89	105	143	-2	0	5	-75	43	5
70%	13	0	57	72	78	107	0	0	1	14	4	4
80%	5	7	26	63	46	46	0	0	-25	1	0	0
90%	0	0	-7	72	-1	1	0	0	1	0	0	0

Table 5A-B5.4.10.1-F. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11	25	61	96	76	81	7	15	2	-12	3	4
Wet Water Years	14	40	94	119	67	63	15	37	18	-22	-9	4
Above Normal Water Years	25	25	82	116	108	135	12	7	0	-37	32	0
Below Normal Water Years	10	25	44	89	82	106	3	4	-1	-9	7	10
Dry Water Years	-1	9	30	80	104	82	0	1	-22	11	6	0
Critical Water Years	6	3	25	52	34	34	1	-1	-7	0	0	0

Table 5A-B5.4.10.2-A. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	251	527	499	534	462	443	316	269	357	445	425	205
20%	208	395	409	467	424	418	234	171	317	431	363	139
30%	185	327	370	436	399	396	69	72	300	425	316	106
40%	172	276	318	401	378	382	63	56	288	425	269	84
50%	158	224	276	320	361	338	45	42	280	375	246	66
60%	113	166	237	263	276	283	41	40	264	310	189	48
70%	79	126	221	237	228	230	38	40	192	163	24	22
80%	49	74	184	213	186	159	37	40	103	24	22	22
90%	29	21	139	203	116	70	37	39	29	22	22	22

Table 5A-B5.4.10.2-B. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	152	242	301	340	315	299	107	102	237	285	211	95
Wet Water Years	191	332	393	468	385	371	205	184	298	395	346	97
Above Normal Water Years	168	288	321	378	421	415	72	98	309	387	288	22
Below Normal Water Years	140	244	273	279	284	293	60	60	257	336	193	150
Dry Water Years	111	127	239	265	264	201	43	43	177	91	36	70
Critical Water Years	104	89	161	178	169	142	38	39	41	22	21	57

Table 5A-B5.4.10.2-C. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	23	127	146	127	63	17	26	68	16	0	-20	0
20%	1	6	122	200	108	128	84	72	1	-15	-44	13
30%	2	-5	128	223	143	161	0	0	4	-1	-10	3
40%	9	11	122	214	189	201	0	5	1	0	17	4
50%	30	15	88	153	191	175	-1	0	2	-50	49	4
60%	15	2	63	103	122	156	-2	0	2	-81	53	5
70%	18	0	57	83	83	110	0	0	1	14	0	0
80%	3	7	26	66	46	45	0	0	-25	2	0	0
90%	1	0	0	75	0	1	0	0	0	0	0	0

Table 5A-B5.4.10.2-D. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	14	25	80	124	98	100	6	16	2	-13	3	5
Wet Water Years	19	47	129	164	79	66	11	41	19	-22	-15	4
Above Normal Water Years	35	-7	107	149	161	179	11	5	0	-39	33	0
Below Normal Water Years	11	26	55	111	114	143	4	4	-2	-14	13	12
Dry Water Years	-2	9	32	99	122	106	0	2	-24	15	8	0
Critical Water Years	7	2	36	53	39	33	-1	-1	-6	0	0	0

Table 5A-B5.4.10.3-A. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	246	515	562	606	508	491	300	254	357	445	425	206
20%	208	393	468	528	473	423	231	167	316	427	367	139
30%	185	327	398	468	416	397	70	73	298	425	316	106
40%	173	276	334	434	382	386	65	55	286	417	271	82
50%	158	224	283	340	369	338	45	42	278	374	248	66
60%	113	182	246	266	287	283	40	40	263	302	190	48
70%	80	126	221	243	229	230	38	40	192	164	24	24
80%	50	77	184	216	186	147	37	40	105	32	22	22
90%	30	21	140	204	118	70	37	39	32	22	22	22

Table 5A-B5.4.10.3-B. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	153	242	316	361	326	308	106	101	236	284	213	95
Wet Water Years	195	331	423	504	383	360	201	181	297	395	348	96
Above Normal Water Years	168	289	340	404	435	451	70	97	309	387	288	22
Below Normal Water Years	140	246	282	294	306	308	60	60	256	330	194	151
Dry Water Years	112	127	240	277	282	229	43	42	176	93	45	70
Critical Water Years	104	91	169	181	176	147	40	39	41	22	21	57

Table 5A-B5.4.10.3-C. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	18	115	209	199	110	65	10	54	16	0	-20	0
20%	2	4	180	261	158	133	80	67	0	-19	-40	13
30%	2	-4	157	255	160	163	1	1	2	-1	-10	3
40%	11	10	137	247	193	205	2	3	-1	-8	20	2
50%	30	16	94	173	200	175	-1	0	0	-51	51	4
60%	15	18	72	106	133	157	-2	0	1	-89	54	5
70%	19	0	57	89	85	111	0	0	2	15	0	3
80%	5	10	26	70	46	32	0	0	-23	9	0	0
90%	2	0	1	76	2	1	0	0	2	0	0	0

Table 5A-B5.4.10.3-D. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	15	25	96	145	108	108	4	15	1	-14	5	5
Wet Water Years	22	45	159	200	78	55	6	39	17	-22	-13	4
Above Normal Water Years	35	-6	126	174	175	215	9	5	0	-39	33	0
Below Normal Water Years	11	27	64	126	137	157	3	5	-3	-19	15	14
Dry Water Years	-1	10	33	111	140	135	0	0	-25	16	17	0
Critical Water Years	7	3	43	56	45	38	1	-1	-6	0	0	0

Table 5A-B5.4.10.4-A. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	245	475	587	604	522	490	300	256	357	445	425	206
20%	208	371	518	534	482	428	235	167	316	426	368	139
30%	185	322	399	468	417	399	69	73	298	425	314	104
40%	172	265	335	426	389	389	63	55	288	418	274	82
50%	158	225	284	336	367	329	45	42	278	377	248	65
60%	113	182	232	252	284	283	41	40	263	302	190	49
70%	82	126	214	231	241	229	39	40	190	161	24	24
80%	53	77	185	206	189	149	37	40	106	25	22	22
90%	30	21	139	196	118	82	37	39	37	22	22	22

Table 5A-B5.4.10.4-B. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	153	238	319	355	330	309	106	99	237	283	213	96
Wet Water Years	194	317	428	506	389	359	202	176	296	395	351	96
Above Normal Water Years	168	289	335	396	440	455	70	97	309	383	288	22
Below Normal Water Years	141	247	284	280	314	307	60	60	258	332	193	153
Dry Water Years	112	127	237	265	283	241	44	44	177	90	44	70
Critical Water Years	103	91	177	173	172	149	40	38	43	22	21	57

Table 5A-B5.4.10.4-C. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	17	75	233	196	124	64	10	55	16	0	-20	0
20%	2	-18	230	267	167	138	84	67	0	-19	-39	13
30%	2	-9	158	255	161	165	0	2	2	-1	-11	1
40%	9	-1	139	239	200	208	0	4	2	-7	23	2
50%	30	16	96	169	197	166	-1	-1	0	-48	51	3
60%	15	18	58	92	130	156	-2	0	1	-90	54	5
70%	22	0	50	76	97	110	0	0	0	12	0	2
80%	7	10	26	60	49	34	0	0	-22	2	0	0
90%	1	0	0	67	2	13	0	0	8	0	0	0

Table 5A-B5.4.10.4-D. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	15	20	98	139	113	110	5	14	1	-15	6	5
Wet Water Years	21	31	164	201	84	54	7	33	16	-22	-11	3
Above Normal Water Years	35	-6	121	166	180	218	9	4	0	-42	33	0
Below Normal Water Years	12	28	66	112	145	156	4	5	-2	-18	14	15
Dry Water Years	-1	9	29	99	140	147	0	2	-23	13	16	0
Critical Water Years	6	4	51	48	41	39	1	-2	-4	0	0	0

Table 5A-B5.4.10.5-A. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	246	515	562	612	508	491	295	254	357	445	425	206
20%	208	393	459	528	473	423	231	167	316	426	367	138
30%	185	327	398	466	415	396	70	73	298	425	316	106
40%	173	276	334	434	377	386	65	55	286	417	271	82
50%	158	228	283	340	369	338	45	42	278	376	248	66
60%	113	182	243	266	287	283	40	40	263	296	190	48
70%	80	126	221	243	228	230	38	40	192	164	24	24
80%	50	77	184	216	186	147	37	40	105	32	22	22
90%	30	21	140	204	118	70	37	39	32	22	22	22

Table 5A-B5.4.10.5-B. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	154	245	317	363	327	308	105	100	236	284	213	95
Wet Water Years	197	335	422	509	384	359	201	180	297	395	349	96
Above Normal Water Years	168	292	343	405	436	453	70	97	309	387	288	22
Below Normal Water Years	140	247	283	294	310	311	60	60	256	330	194	151
Dry Water Years	112	127	240	277	282	229	43	42	176	93	45	70
Critical Water Years	104	91	169	181	176	147	40	39	41	22	21	57

Table 5A-B5.4.10.5-C. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	18	115	209	204	110	65	4	54	16	0	-20	0
20%	2	4	171	261	158	133	80	67	0	-19	-40	12
30%	2	-4	156	253	159	162	1	1	2	-1	-10	3
40%	11	10	137	247	188	205	2	3	-1	-8	20	2
50%	30	19	94	173	200	175	-1	0	-1	-49	51	4
60%	15	18	70	106	133	157	-2	0	1	-96	54	5
70%	19	0	56	89	84	111	0	0	2	15	0	3
80%	5	10	26	70	46	32	0	0	-23	9	0	0
90%	2	0	1	76	2	1	0	0	2	0	0	0

Table 5A-B5.4.10.5-D. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	16	27	96	147	110	109	4	15	1	-14	5	5
Wet Water Years	24	50	158	205	79	54	6	37	17	-22	-13	4
Above Normal Water Years	35	-2	129	176	176	217	9	4	0	-39	33	0
Below Normal Water Years	11	29	65	126	140	160	3	5	-3	-20	15	14
Dry Water Years	-1	10	33	111	140	135	0	0	-25	16	17	0
Critical Water Years	7	3	43	56	45	38	1	-1	-6	0	0	0

B.4.11 Jones Pumping Plant, Through Delta

Figure 5A-B5.4.11.1-A. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Probability of Exceedance for No Project Alternatives, October to March

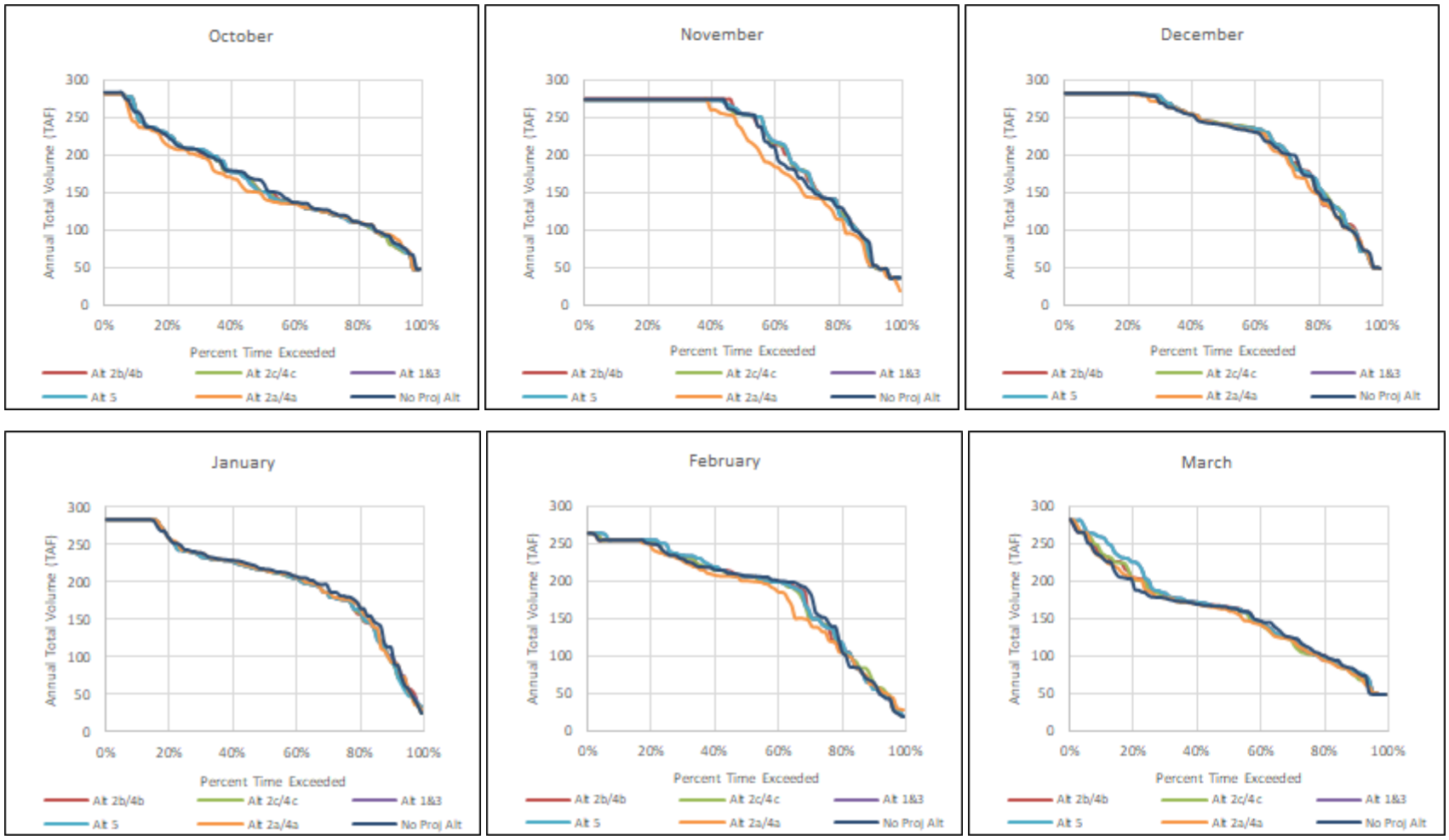


Figure 5A-B5.4.11.1-B. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Probability of Exceedance for No Project Alternatives, April to September

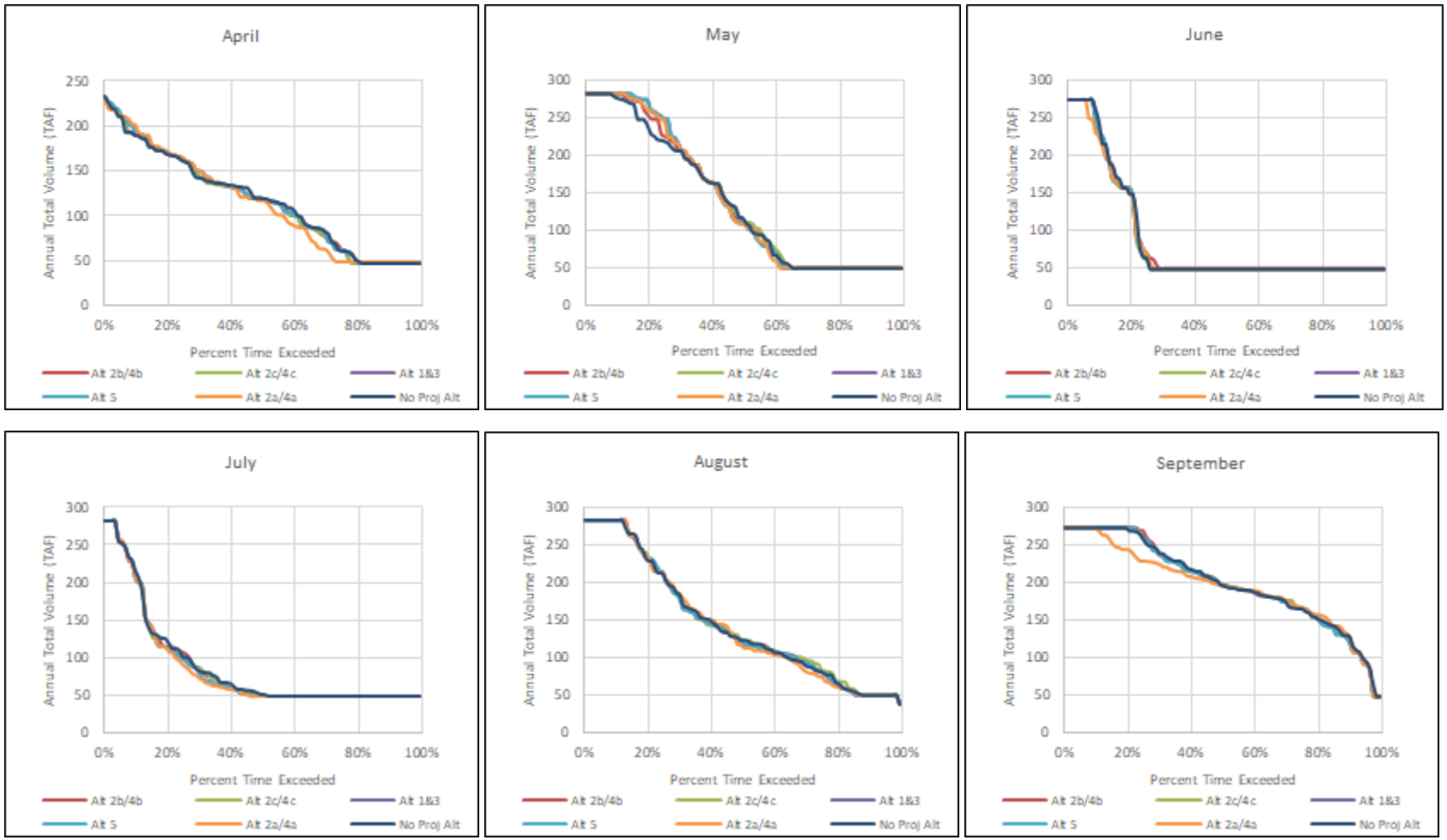


Table 5A-B5.4.11.1-A. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	257	274	283	283	255	232	188	276	234	214	283	274
20%	224	274	283	257	250	195	168	233	147	122	229	271
30%	206	274	271	238	230	178	142	206	48	83	183	240
40%	180	274	254	228	216	170	134	163	48	66	148	218
50%	164	255	240	217	208	165	119	113	48	52	123	196
60%	138	210	231	207	202	148	106	67	48	49	107	187
70%	127	163	202	195	187	125	82	49	48	49	89	175
80%	112	131	151	169	115	102	51	49	48	49	65	152
90%	93	83	101	112	68	82	48	49	48	49	49	128

Table 5A-B5.4.11.1-B. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	167	207	218	206	186	156	117	138	86	90	145	201
Wet Water Years	176	233	247	226	183	164	157	206	146	146	233	205
Above Normal Water Years	144	269	239	185	177	173	126	167	73	66	117	110
Below Normal Water Years	176	195	207	198	197	155	113	106	53	54	108	247
Dry Water Years	149	194	203	218	208	135	82	76	48	58	82	198
Critical Water Years	161	133	163	167	156	142	53	68	49	67	74	159

Table 5A-B5.4.11.1-C. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	259	274	283	283	255	235	188	283	226	205	283	274
20%	227	274	283	257	252	205	168	252	149	115	234	274
30%	205	274	275	233	233	179	143	206	48	86	183	237
40%	179	274	255	227	216	172	132	163	48	59	144	216
50%	152	254	242	216	207	166	119	112	48	49	122	197
60%	137	214	236	205	201	146	100	73	48	49	108	187
70%	125	175	206	185	154	124	77	49	48	49	96	176
80%	112	134	152	157	109	101	48	49	48	49	67	151
90%	86	61	107	96	65	78	48	49	48	49	49	129

Table 5A-B5.4.11.1-D. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	166	209	220	202	185	157	116	140	86	89	145	201
Wet Water Years	173	237	246	219	178	164	157	211	145	144	233	203
Above Normal Water Years	144	266	244	186	174	173	125	169	73	66	115	110
Below Normal Water Years	176	197	212	199	198	155	110	105	54	53	109	250
Dry Water Years	147	193	205	217	208	146	82	79	48	55	83	199
Critical Water Years	163	133	162	156	157	145	51	71	49	70	74	159

Table 5A-B5.4.11.1-E. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2	0	0	0	0	3	0	6	-8	-8	0	0
20%	2	0	0	0	1	10	0	18	2	-6	5	3
30%	-1	0	4	-5	3	1	1	0	0	4	0	-3
40%	0	0	1	-1	0	2	-2	0	0	-7	-5	-2
50%	-12	-1	1	-1	0	1	0	-1	0	-3	-1	1
60%	-1	4	5	-2	-1	-2	-6	6	0	0	2	0
70%	-2	12	4	-10	-33	-2	-5	0	0	0	7	1
80%	0	4	1	-12	-6	0	-3	0	0	0	2	-1
90%	-7	-22	7	-16	-3	-4	0	0	0	0	0	1

Table 5A-B5.4.11.1-F. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	2	2	-4	-1	2	-1	2	0	-1	0	0
Wet Water Years	-3	4	-1	-7	-5	-1	0	5	-1	-2	-1	-3
Above Normal Water Years	1	-2	5	1	-3	0	0	2	0	0	-2	1
Below Normal Water Years	0	2	6	1	2	0	-3	0	1	0	1	3
Dry Water Years	-1	-2	3	-1	1	10	-1	3	0	-3	1	2
Critical Water Years	2	0	-1	-11	0	3	-2	2	0	3	0	0

Table 5A-B5.4.11.2-A. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	259	274	283	283	255	239	188	283	223	205	283	274
20%	228	274	283	257	253	204	168	265	149	114	235	274
30%	207	274	274	233	235	179	143	208	48	87	183	237
40%	179	274	255	227	216	172	131	163	48	59	144	216
50%	152	255	242	216	207	165	119	113	48	51	123	197
60%	137	217	236	205	200	144	100	74	48	49	109	187
70%	125	178	206	185	153	122	76	49	48	49	97	176
80%	112	133	157	159	117	99	48	49	48	49	68	151
90%	85	61	105	96	70	75	48	49	48	49	49	123

Table 5A-B5.4.11.2-B. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	166	209	220	202	185	157	116	142	85	88	146	200
Wet Water Years	173	237	245	219	178	164	157	214	143	143	233	202
Above Normal Water Years	143	265	244	185	177	173	125	169	73	66	115	110
Below Normal Water Years	176	198	212	199	193	155	109	108	53	55	113	249
Dry Water Years	149	195	207	217	211	146	82	80	48	53	84	199
Critical Water Years	161	131	165	155	166	142	51	71	48	67	72	159

Table 5A-B5.4.11.2-C. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2	0	0	0	0	7	0	6	-11	-8	0	0
20%	4	0	0	0	3	9	0	32	1	-8	5	3
30%	1	0	3	-5	4	1	1	2	0	4	0	-2
40%	0	0	1	-1	-1	2	-3	0	0	-7	-5	-2
50%	-12	0	2	-1	-1	0	0	0	0	-1	1	1
60%	-1	7	5	-2	-2	-4	-6	8	0	0	2	0
70%	-2	16	4	-10	-34	-3	-6	0	0	0	8	1
80%	0	2	6	-10	2	-2	-3	0	0	0	3	-1
90%	-8	-22	4	-16	2	-7	0	0	0	0	0	-6

Table 5A-B5.4.11.2-D. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	2	2	-4	-1	1	-1	5	-1	-1	1	0
Wet Water Years	-3	4	-2	-6	-5	-1	0	8	-2	-3	-1	-4
Above Normal Water Years	0	-3	5	0	0	0	0	2	0	0	-2	0
Below Normal Water Years	0	4	6	1	-3	0	-4	2	0	1	6	2
Dry Water Years	1	1	4	-1	3	10	-1	4	0	-4	2	2
Critical Water Years	-1	-2	2	-12	10	0	-2	3	-1	0	-1	0

Table 5A-B5.4.11.3-A. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	258	274	283	283	255	260	192	283	228	205	283	274
20%	229	274	283	257	255	227	170	266	149	114	233	274
30%	209	274	279	233	235	185	150	208	48	81	179	240
40%	179	274	255	227	220	173	132	163	48	59	144	216
50%	152	255	241	216	207	166	119	108	48	49	120	197
60%	136	219	236	205	200	146	101	69	48	49	109	188
70%	126	178	206	185	162	124	81	49	48	49	93	175
80%	112	133	164	162	120	96	50	49	48	49	67	153
90%	93	61	104	102	60	81	48	49	48	49	49	123

Table 5A-B5.4.11.3-B. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	166	210	220	203	186	162	118	141	86	87	144	200
Wet Water Years	173	237	245	222	178	165	158	215	145	143	233	201
Above Normal Water Years	150	267	243	184	178	173	125	169	73	66	115	110
Below Normal Water Years	174	199	212	199	197	162	112	104	53	54	113	249
Dry Water Years	149	196	209	217	212	155	82	77	48	53	81	200
Critical Water Years	162	130	164	156	164	150	56	71	48	61	65	159

Table 5A-B5.4.11.3-C. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	0	0	0	0	28	4	6	-6	-9	0	0
20%	4	0	0	0	5	32	2	32	1	-8	3	3
30%	3	0	9	-5	5	7	8	2	0	-2	-4	0
40%	-1	0	1	-1	3	4	-2	0	0	-7	-4	-1
50%	-13	0	1	-1	-1	1	0	-6	0	-3	-3	1
60%	-1	9	5	-2	-2	-2	-5	2	0	0	2	0
70%	-2	15	4	-10	-25	-1	-1	0	0	0	4	0
80%	0	2	13	-7	5	-6	-1	0	0	0	1	1
90%	0	-22	3	-10	-8	-1	0	0	0	0	0	-6

Table 5A-B5.4.11.3-D. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	2	2	-3	0	6	0	3	0	-2	0	0
Wet Water Years	-3	4	-2	-4	-5	1	1	9	-1	-2	-1	-4
Above Normal Water Years	6	-2	4	-1	1	0	0	2	0	0	-2	0
Below Normal Water Years	-2	4	6	1	0	7	-1	-2	0	1	5	2
Dry Water Years	0	1	6	-1	4	20	0	0	0	-4	-1	2
Critical Water Years	0	-2	1	-11	8	8	4	3	-1	-6	-9	1

Table 5A-B5.4.11.4-A. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	243	274	283	283	255	233	197	283	221	205	283	271
20%	214	274	283	257	246	205	170	260	146	111	233	244
30%	200	274	270	239	227	179	149	208	48	73	185	225
40%	171	261	255	228	209	171	132	163	48	58	150	208
50%	147	232	242	216	201	162	116	107	48	49	114	197
60%	136	185	231	206	187	143	88	58	48	49	104	189
70%	125	144	198	185	147	123	62	49	48	49	81	175
80%	111	115	148	168	106	96	48	49	48	49	60	158
90%	96	56	101	95	63	76	48	49	48	49	49	129

Table 5A-B5.4.11.4-B. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	162	198	216	204	179	154	114	140	85	86	143	195
Wet Water Years	169	221	242	225	173	159	158	213	142	143	233	203
Above Normal Water Years	138	251	241	183	170	168	119	169	73	66	123	114
Below Normal Water Years	172	189	209	199	186	155	106	103	53	53	113	228
Dry Water Years	148	190	204	216	203	143	73	75	48	53	70	197
Critical Water Years	155	125	158	155	161	146	56	71	48	57	62	160

Table 5A-B5.4.11.4-C. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-13	0	0	0	0	1	9	6	-14	-9	0	-2
20%	-10	0	0	0	-5	11	2	27	-2	-11	3	-27
30%	-6	0	0	0	-3	1	7	2	0	-10	2	-15
40%	-8	-13	1	0	-8	1	-2	0	0	-7	1	-9
50%	-17	-23	1	-1	-7	-3	-3	-6	0	-3	-8	0
60%	-2	-25	0	-1	-15	-5	-18	-9	0	0	-3	2
70%	-2	-18	-4	-10	-40	-3	-21	0	0	0	-8	1
80%	0	-16	-3	-1	-9	-6	-3	0	0	0	-5	5
90%	2	-28	0	-17	-5	-7	0	0	0	0	0	1

Table 5A-B5.4.11.4-D. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-5	-9	-2	-2	-7	-1	-4	2	-2	-3	-1	-6
Wet Water Years	-8	-12	-5	0	-10	-6	0	7	-4	-2	0	-2
Above Normal Water Years	-6	-17	2	-2	-7	-5	-7	2	0	-1	6	4
Below Normal Water Years	-4	-6	2	1	-11	-1	-7	-3	0	-1	6	-19
Dry Water Years	-1	-4	1	-2	-5	8	-9	-2	0	-4	-12	0
Critical Water Years	-6	-8	-6	-12	5	4	3	3	-1	-10	-12	2

Table 5A-B5.4.11.5-A. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	258	274	283	283	255	260	192	283	228	205	283	274
20%	229	274	283	257	255	227	170	266	149	114	233	274
30%	209	274	279	233	235	185	150	208	48	81	179	240
40%	179	274	255	227	220	173	132	163	48	59	144	215
50%	152	255	241	216	207	166	119	108	48	49	120	197
60%	136	219	236	205	200	146	101	69	48	49	109	188
70%	126	178	206	185	162	124	81	49	48	49	93	175
80%	112	133	164	162	120	99	50	49	48	49	67	153
90%	93	61	104	96	60	80	48	49	48	49	49	123

Table 5A-B5.4.11.5-B. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	166	210	220	202	186	162	118	141	86	87	144	200
Wet Water Years	173	237	245	220	178	165	158	215	145	143	233	201
Above Normal Water Years	150	267	243	184	178	173	125	169	73	66	115	110
Below Normal Water Years	174	199	212	199	196	162	112	104	53	54	113	249
Dry Water Years	149	196	209	217	212	155	82	77	48	53	81	200
Critical Water Years	162	130	164	155	164	150	56	71	48	61	65	159

Table 5A-B5.4.11.5-C. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	0	0	0	0	28	4	6	-6	-9	0	0
20%	4	0	0	0	5	32	2	32	1	-8	4	3
30%	3	0	9	-5	5	7	8	2	0	-2	-4	0
40%	-1	0	1	-1	3	4	-2	0	0	-7	-4	-2
50%	-12	0	1	-1	-1	1	0	-6	0	-3	-3	1
60%	-1	9	5	-2	-2	-2	-5	2	0	0	2	0
70%	-2	15	4	-10	-25	-1	-1	0	0	0	4	0
80%	0	2	13	-7	5	-2	-1	0	0	0	1	1
90%	0	-22	3	-16	-8	-2	0	0	0	0	0	-6

Table 5A-B5.4.11.5-D. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	2	2	-4	0	6	0	3	0	-2	0	-1
Wet Water Years	-3	4	-2	-6	-5	1	1	9	-1	-3	0	-5
Above Normal Water Years	6	-2	4	-1	1	0	0	2	0	0	-2	0
Below Normal Water Years	-2	4	6	1	0	7	-1	-2	0	1	5	2
Dry Water Years	0	1	6	-1	4	20	0	0	0	-4	-1	2
Critical Water Years	0	-2	1	-12	8	8	4	3	-1	-6	-9	1

B.4.12 Jones Pumping Plant, Total (including North Delta Diversion)

Figure 5A-B5.4.12.1-A. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Probability of Exceedance for No Project Alternatives, October to March

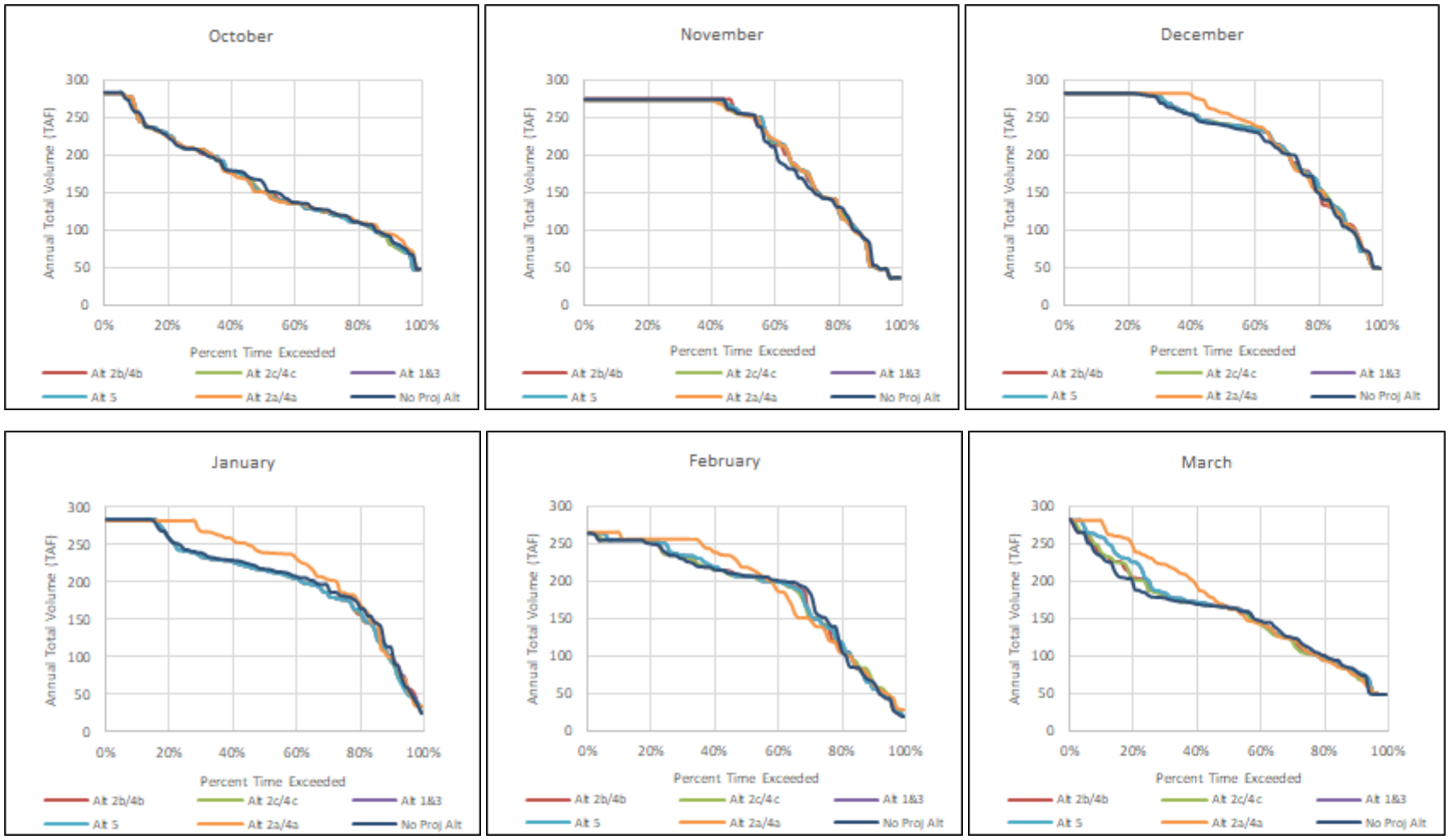


Figure 5A-B5.4.12.1-B. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Probability of Exceedance for No Project Alternatives, April to September

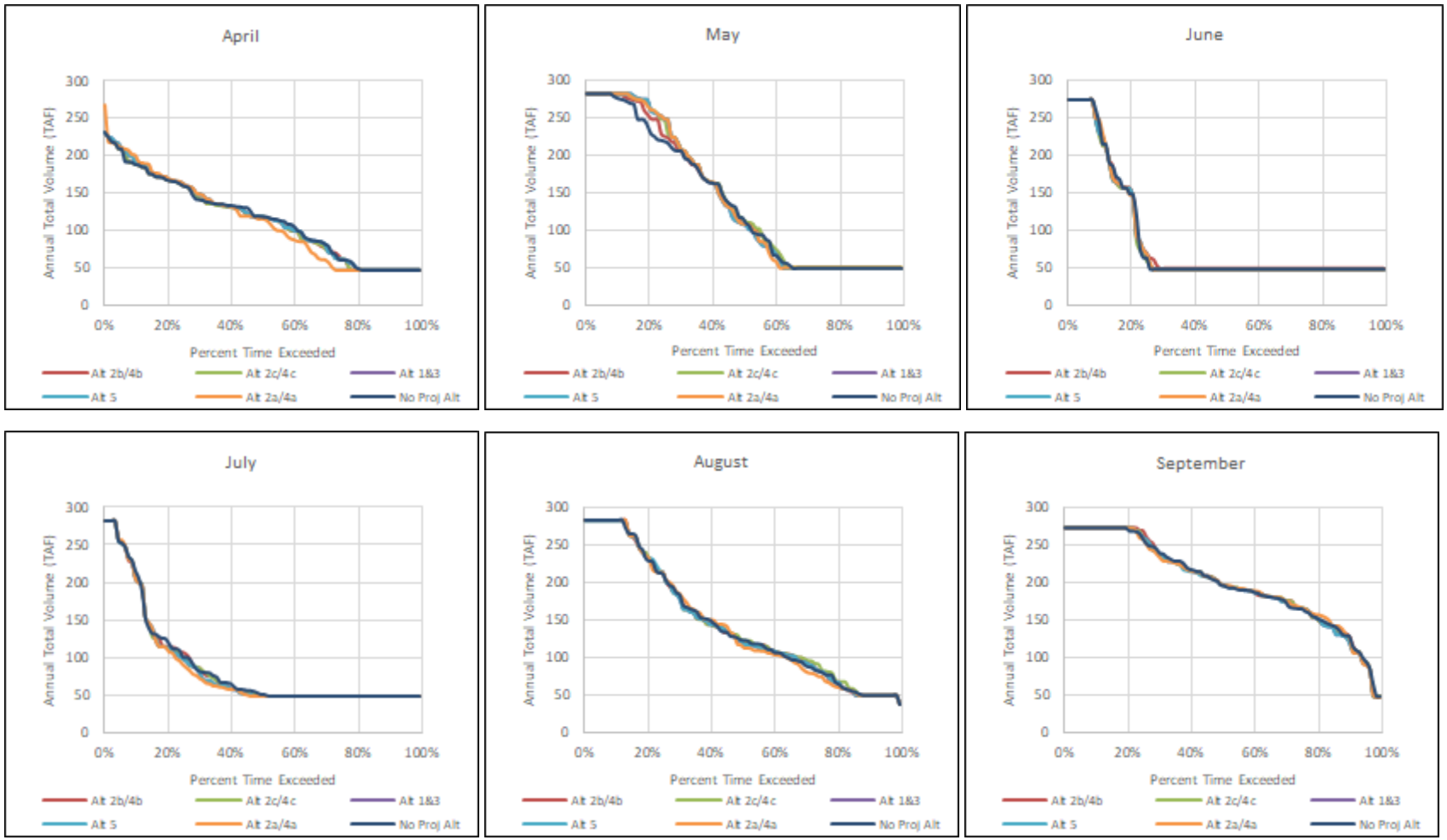


Table 5A-B5.4.12.1-A. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	257	274	283	283	255	232	188	276	234	214	283	274
20%	224	274	283	257	250	195	168	233	147	122	229	271
30%	206	274	271	238	230	178	142	206	48	83	183	240
40%	180	274	254	228	216	170	134	163	48	66	148	218
50%	164	255	240	217	208	165	119	113	48	52	123	196
60%	138	210	231	207	202	148	106	67	48	49	107	187
70%	127	163	202	195	187	125	82	49	48	49	89	175
80%	112	131	151	169	115	102	51	49	48	49	65	152
90%	93	83	101	112	68	82	48	49	48	49	49	128

Table 5A-B5.4.12.1-B. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	167	207	218	206	186	156	117	138	86	90	145	201
Wet Water Years	176	233	247	226	183	164	157	206	146	146	233	205
Above Normal Water Years	144	269	239	185	177	173	126	167	73	66	117	110
Below Normal Water Years	176	195	207	198	197	155	113	106	53	54	108	247
Dry Water Years	149	194	203	218	208	135	82	76	48	58	82	198
Critical Water Years	161	133	163	167	156	142	53	68	49	67	74	159

Table 5A-B5.4.12.1-C. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	259	274	283	283	255	235	188	283	226	205	283	274
20%	227	274	283	257	252	205	168	252	149	115	234	274
30%	205	274	275	233	233	179	143	206	48	86	183	237
40%	179	274	255	227	216	172	132	163	48	59	144	216
50%	152	254	242	216	207	166	119	112	48	49	122	197
60%	137	214	236	205	201	146	100	73	48	49	108	187
70%	125	175	206	185	154	124	77	49	48	49	96	176
80%	112	134	152	157	109	101	48	49	48	49	67	151
90%	86	61	107	96	65	78	48	49	48	49	49	129

Table 5A-B5.4.12.1-D. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	166	209	220	202	185	157	116	140	86	89	145	201
Wet Water Years	173	237	246	219	178	164	157	211	145	144	233	203
Above Normal Water Years	144	266	244	186	174	173	125	169	73	66	115	110
Below Normal Water Years	176	197	212	199	198	155	110	105	54	53	109	250
Dry Water Years	147	193	205	217	208	146	82	79	48	55	83	199
Critical Water Years	163	133	162	156	157	145	51	71	49	70	74	159

Table 5A-B5.4.12.1-E. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2	0	0	0	0	3	0	6	-8	-8	0	0
20%	2	0	0	0	1	10	0	18	2	-6	5	3
30%	-1	0	4	-5	3	1	1	0	0	4	0	-3
40%	0	0	1	-1	0	2	-2	0	0	-7	-5	-2
50%	-12	-1	1	-1	0	1	0	-1	0	-3	-1	1
60%	-1	4	5	-2	-1	-2	-6	6	0	0	2	0
70%	-2	12	4	-10	-33	-2	-5	0	0	0	7	1
80%	0	4	1	-12	-6	0	-3	0	0	0	2	-1
90%	-7	-22	7	-16	-3	-4	0	0	0	0	0	1

Table 5A-B5.4.12.1-F. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	2	2	-4	-1	2	-1	2	0	-1	0	0
Wet Water Years	-3	4	-1	-7	-5	-1	0	5	-1	-2	-1	-3
Above Normal Water Years	1	-2	5	1	-3	0	0	2	0	0	-2	1
Below Normal Water Years	0	2	6	1	2	0	-3	0	1	0	1	3
Dry Water Years	-1	-2	3	-1	1	10	-1	3	0	-3	1	2
Critical Water Years	2	0	-1	-11	0	3	-2	2	0	3	0	0

Table 5A-B5.4.12.2-A. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	259	274	283	283	255	239	188	283	223	205	283	274
20%	228	274	283	257	253	204	168	265	149	114	235	274
30%	207	274	274	233	235	179	143	208	48	87	183	237
40%	179	274	255	227	216	172	131	163	48	59	144	216
50%	152	255	242	216	207	165	119	113	48	51	123	197
60%	137	217	236	205	200	144	100	74	48	49	109	187
70%	125	178	206	185	153	122	76	49	48	49	97	176
80%	112	133	157	159	117	99	48	49	48	49	68	151
90%	85	61	105	96	70	75	48	49	48	49	49	123

Table 5A-B5.4.12.2-B. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	166	209	220	202	185	157	116	142	85	88	146	200
Wet Water Years	173	237	245	219	178	164	157	214	143	143	233	202
Above Normal Water Years	143	265	244	185	177	173	125	169	73	66	115	110
Below Normal Water Years	176	198	212	199	193	155	109	108	53	55	113	249
Dry Water Years	149	195	207	217	211	146	82	80	48	53	84	199
Critical Water Years	161	131	165	155	166	142	51	71	48	67	72	159

Table 5A-B5.4.12.2-C. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2	0	0	0	0	7	0	6	-11	-8	0	0
20%	4	0	0	0	3	9	0	32	1	-8	5	3
30%	1	0	3	-5	4	1	1	2	0	4	0	-2
40%	0	0	1	-1	-1	2	-3	0	0	-7	-5	-2
50%	-12	0	2	-1	-1	0	0	0	0	-1	1	1
60%	-1	7	5	-2	-2	-4	-6	8	0	0	2	0
70%	-2	16	4	-10	-34	-3	-6	0	0	0	8	1
80%	0	2	6	-10	2	-2	-3	0	0	0	3	-1
90%	-8	-22	4	-16	2	-7	0	0	0	0	0	-6

Table 5A-B5.4.12.2-D. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	2	2	-4	-1	1	-1	5	-1	-1	1	0
Wet Water Years	-3	4	-2	-6	-5	-1	0	8	-2	-3	-1	-4
Above Normal Water Years	0	-3	5	0	0	0	0	2	0	0	-2	0
Below Normal Water Years	0	4	6	1	-3	0	-4	2	0	1	6	2
Dry Water Years	1	1	4	-1	3	10	-1	4	0	-4	2	2
Critical Water Years	-1	-2	2	-12	10	0	-2	3	-1	0	-1	0

Table 5A-B5.4.12.3-A. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	258	274	283	283	255	260	192	283	228	205	283	274
20%	229	274	283	257	255	227	170	266	149	114	233	274
30%	209	274	279	233	235	185	150	208	48	81	179	240
40%	179	274	255	227	220	173	132	163	48	59	144	216
50%	152	255	241	216	207	166	119	108	48	49	120	197
60%	136	219	236	205	200	146	101	69	48	49	109	188
70%	126	178	206	185	162	124	81	49	48	49	93	175
80%	112	133	164	162	120	96	50	49	48	49	67	153
90%	93	61	104	102	60	81	48	49	48	49	49	123

Table 5A-B5.4.12.3-B. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	166	210	220	203	186	162	118	141	86	87	144	200
Wet Water Years	173	237	245	222	178	165	158	215	145	143	233	201
Above Normal Water Years	150	267	243	184	178	173	125	169	73	66	115	110
Below Normal Water Years	174	199	212	199	197	162	112	104	53	54	113	249
Dry Water Years	149	196	209	217	212	155	82	77	48	53	81	200
Critical Water Years	162	130	164	156	164	150	56	71	48	61	65	159

Table 5A-B5.4.12.3-C. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	0	0	0	0	28	4	6	-6	-9	0	0
20%	4	0	0	0	5	32	2	32	1	-8	3	3
30%	3	0	9	-5	5	7	8	2	0	-2	-4	0
40%	-1	0	1	-1	3	4	-2	0	0	-7	-4	-1
50%	-13	0	1	-1	-1	1	0	-6	0	-3	-3	1
60%	-1	9	5	-2	-2	-2	-5	2	0	0	2	0
70%	-2	15	4	-10	-25	-1	-1	0	0	0	4	0
80%	0	2	13	-7	5	-6	-1	0	0	0	1	1
90%	0	-22	3	-10	-8	-1	0	0	0	0	0	-6

Table 5A-B5.4.12.3-D. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	2	2	-3	0	6	0	3	0	-2	0	0
Wet Water Years	-3	4	-2	-4	-5	1	1	9	-1	-2	-1	-4
Above Normal Water Years	6	-2	4	-1	1	0	0	2	0	0	-2	0
Below Normal Water Years	-2	4	6	1	0	7	-1	-2	0	1	5	2
Dry Water Years	0	1	6	-1	4	20	0	0	0	-4	-1	2
Critical Water Years	0	-2	1	-11	8	8	4	3	-1	-6	-9	1

Table 5A-B5.4.12.4-A. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	258	274	283	283	262	280	197	283	242	205	283	274
20%	226	274	283	283	255	246	170	263	146	111	233	274
30%	209	274	283	269	255	224	149	208	48	73	185	234
40%	176	274	281	258	238	195	132	163	48	58	150	216
50%	152	254	257	240	218	165	116	108	48	49	114	197
60%	137	221	240	233	187	144	88	58	48	49	104	189
70%	126	178	202	205	150	124	62	49	48	49	81	175
80%	112	134	153	174	106	96	48	49	48	49	60	158
90%	96	61	105	101	65	76	48	49	48	49	49	129

Table 5A-B5.4.12.4-B. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	167	209	225	221	189	171	114	141	86	86	143	201
Wet Water Years	174	233	250	237	175	166	159	215	146	143	233	203
Above Normal Water Years	151	267	258	200	187	194	119	169	73	66	123	114
Below Normal Water Years	176	199	215	223	198	177	106	103	53	53	113	247
Dry Water Years	149	200	213	240	223	171	73	75	48	53	70	201
Critical Water Years	161	130	162	163	170	152	56	73	48	57	62	160

Table 5A-B5.4.12.4-C. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	0	0	0	6	48	9	6	8	-9	0	0
20%	1	0	0	26	5	51	2	30	-2	-11	3	3
30%	3	0	12	30	25	46	7	2	0	-10	2	-6
40%	-3	0	27	29	22	25	-2	0	0	-7	1	-1
50%	-12	-1	16	23	11	0	-3	-5	0	-3	-8	1
60%	-1	11	9	26	-14	-4	-18	-9	0	0	-3	2
70%	-1	15	1	10	-37	-2	-21	0	0	0	-8	1
80%	1	3	2	6	-9	-6	-3	0	0	0	-5	5
90%	3	-22	5	-11	-2	-7	0	0	0	0	0	1

Table 5A-B5.4.12.4-D. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	2	7	15	3	15	-3	3	0	-3	-1	0
Wet Water Years	-2	0	3	11	-8	2	1	9	0	-2	0	-2
Above Normal Water Years	7	-1	19	15	10	21	-7	2	0	-1	6	4
Below Normal Water Years	0	5	9	25	1	22	-7	-3	0	-1	6	0
Dry Water Years	1	6	10	21	16	36	-9	-2	0	-4	-12	4
Critical Water Years	0	-2	-1	-4	14	10	3	5	-1	-10	-12	2

Table 5A-B5.4.12.5-A. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	258	274	283	283	255	260	192	283	228	205	283	274
20%	229	274	283	257	255	227	170	266	149	114	233	274
30%	209	274	279	233	235	185	150	208	48	81	179	240
40%	179	274	255	227	220	173	132	163	48	59	144	215
50%	152	255	241	216	207	166	119	108	48	49	120	197
60%	136	219	236	205	200	146	101	69	48	49	109	188
70%	126	178	206	185	162	124	81	49	48	49	93	175
80%	112	133	164	162	120	99	50	49	48	49	67	153
90%	93	61	104	96	60	80	48	49	48	49	49	123

Table 5A-B5.4.12.5-B. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	166	210	220	202	186	162	118	141	86	87	144	200
Wet Water Years	173	237	245	220	178	165	158	215	145	143	233	201
Above Normal Water Years	150	267	243	184	178	173	125	169	73	66	115	110
Below Normal Water Years	174	199	212	199	196	162	112	104	53	54	113	249
Dry Water Years	149	196	209	217	212	155	82	77	48	53	81	200
Critical Water Years	162	130	164	155	164	150	56	71	48	61	65	159

Table 5A-B5.4.12.5-C. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	0	0	0	0	28	4	6	-6	-9	0	0
20%	4	0	0	0	5	32	2	32	1	-8	4	3
30%	3	0	9	-5	5	7	8	2	0	-2	-4	0
40%	-1	0	1	-1	3	4	-2	0	0	-7	-4	-2
50%	-12	0	1	-1	-1	1	0	-6	0	-3	-3	1
60%	-1	9	5	-2	-2	-2	-5	2	0	0	2	0
70%	-2	15	4	-10	-25	-1	-1	0	0	0	4	0
80%	0	2	13	-7	5	-2	-1	0	0	0	1	1
90%	0	-22	3	-16	-8	-2	0	0	0	0	0	-6

Table 5A-B5.4.12.5-D. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (JonesTot), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	2	2	-4	0	6	0	3	0	-2	0	-1
Wet Water Years	-3	4	-2	-6	-5	1	1	9	-1	-3	0	-5
Above Normal Water Years	6	-2	4	-1	1	0	0	2	0	0	-2	0
Below Normal Water Years	-2	4	6	1	0	7	-1	-2	0	1	5	2
Dry Water Years	0	1	6	-1	4	20	0	0	0	-4	-1	2
Critical Water Years	0	-2	1	-12	8	8	4	3	-1	-6	-9	1

B.4.13 Total CVP Exports

Figure 5A-B5.4.13.1-A. Total CVP Export Monthly Volumes (TotalCVPExp), Probability of Exceedance for No Project Alternatives, October to March

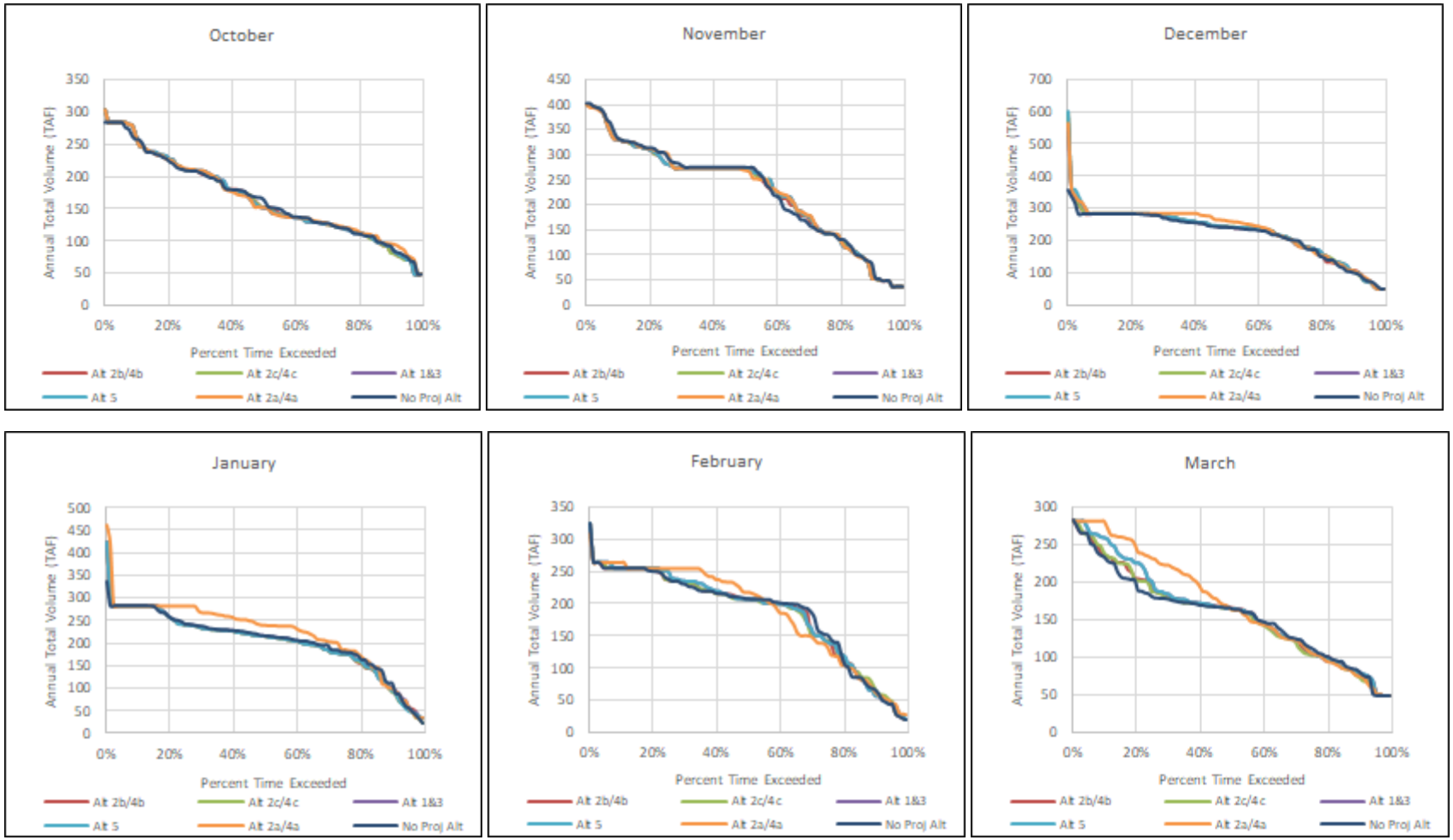


Figure 5A-B5.4.13.1-B. Total CVP Export Monthly Volumes (TotalCVPExp), Probability of Exceedance for No Project Alternatives, April to September

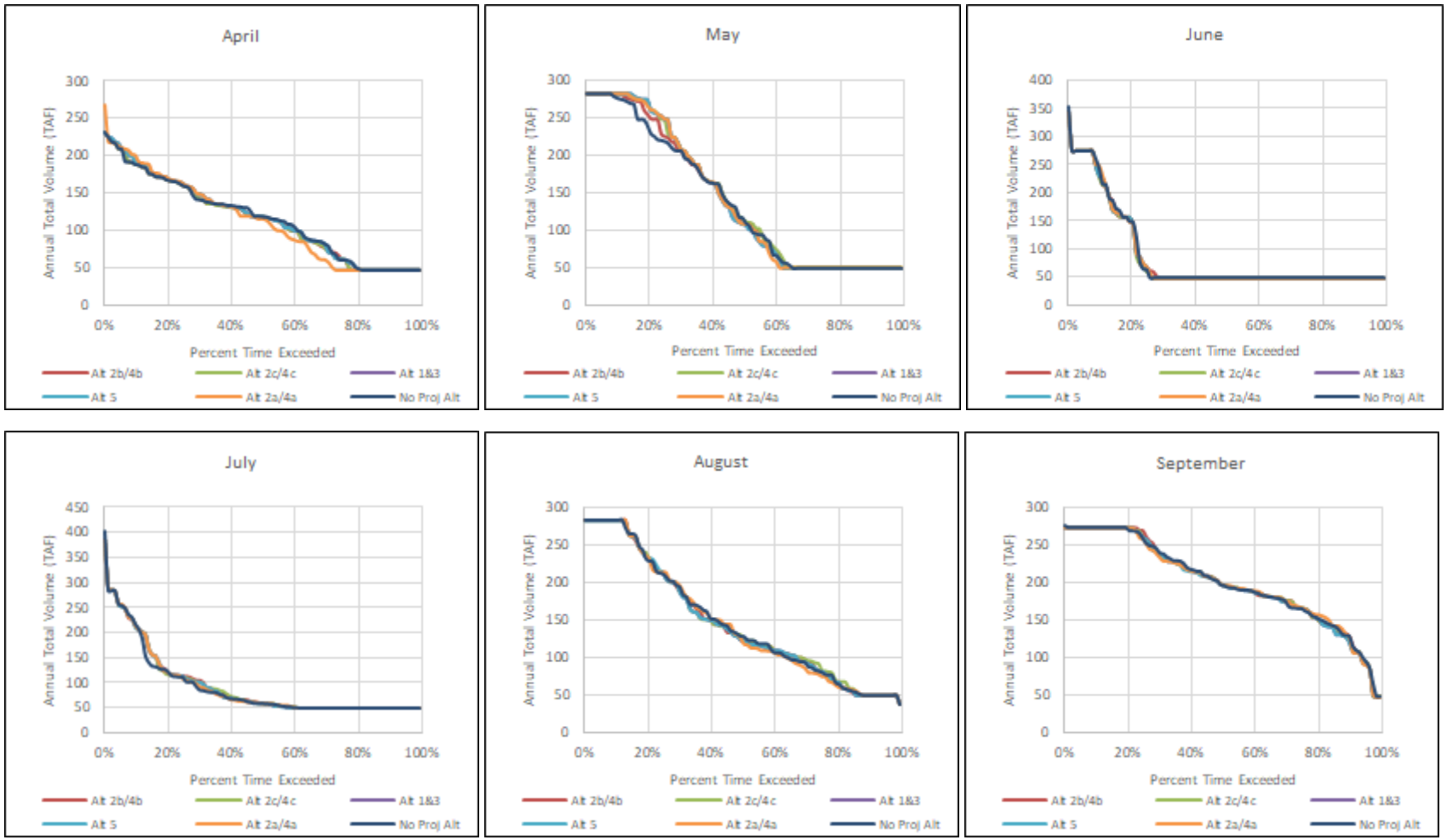


Table 5A-B5.4.13.1-A. Total CVP Export Monthly Volumes (TotalCVPExp), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	257	332	283	283	255	232	188	276	234	214	283	274
20%	224	313	283	257	250	195	168	233	147	122	229	271
30%	206	278	271	238	230	178	142	206	48	86	194	240
40%	180	274	256	228	216	170	134	163	48	68	152	218
50%	164	274	242	217	208	165	119	113	48	58	128	196
60%	138	217	232	207	202	148	106	67	48	50	107	187
70%	127	163	203	195	187	125	82	49	48	49	93	175
80%	112	131	151	169	115	102	51	49	48	49	65	152
90%	93	83	101	112	68	82	48	49	48	49	49	128

Table 5A-B5.4.13.1-B. Total CVP Export Monthly Volumes (TotalCVPExp), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	167	228	221	206	187	156	117	138	87	93	147	201
Wet Water Years	176	252	248	228	185	164	157	206	148	149	233	205
Above Normal Water Years	144	299	250	185	177	173	126	167	73	71	117	110
Below Normal Water Years	176	217	212	198	197	155	113	106	53	57	116	247
Dry Water Years	149	222	203	218	208	135	82	76	48	60	82	198
Critical Water Years	161	138	163	167	156	142	53	68	49	67	74	159

Table 5A-B5.4.13.1-C. Total CVP Export Monthly Volumes (TotalCVPExp), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	259	331	283	283	255	235	188	283	226	212	283	274
20%	227	311	283	257	252	205	168	252	149	122	234	274
30%	205	274	279	233	233	179	143	206	48	105	188	237
40%	179	274	258	227	216	172	132	163	48	71	149	216
50%	152	274	242	216	207	166	119	112	48	59	123	197
60%	137	226	236	205	201	146	100	73	48	50	110	187
70%	126	175	206	185	154	124	77	49	48	49	96	176
80%	113	134	152	157	109	101	48	49	48	49	67	151
90%	86	61	107	96	65	78	48	49	48	49	49	129

Table 5A-B5.4.13.1-D. Total CVP Export Monthly Volumes (TotalCVPExp), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	166	228	226	204	186	157	116	140	87	95	146	201
Wet Water Years	174	255	256	224	180	164	157	211	147	153	233	203
Above Normal Water Years	144	295	256	186	174	173	125	169	73	81	115	110
Below Normal Water Years	176	216	217	199	198	155	110	105	54	59	115	250
Dry Water Years	147	221	205	217	208	146	82	79	48	58	83	199
Critical Water Years	165	139	162	156	157	145	51	71	49	70	74	159

Table 5A-B5.4.13.1-E. Total CVP Export Monthly Volumes (TotalCVPExp), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2	0	0	0	0	3	0	6	-8	-2	0	0
20%	2	-1	0	0	1	10	0	18	2	0	5	3
30%	-1	-4	9	-5	3	1	1	0	0	19	-5	-3
40%	0	0	3	-1	0	2	-2	0	0	3	-3	-2
50%	-12	0	0	-1	0	1	0	-1	0	0	-5	1
60%	-1	9	4	-2	-1	-2	-6	6	0	0	3	0
70%	-2	12	3	-10	-33	-2	-5	0	0	0	3	1
80%	1	4	1	-12	-6	0	-3	0	0	0	2	-1
90%	-7	-22	7	-16	-3	-4	0	0	0	0	0	1

Table 5A-B5.4.13.1-F. Total CVP Export Monthly Volumes (TotalCVPExp), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	0	5	-2	-1	2	-1	2	0	3	0	0
Wet Water Years	-2	3	8	-3	-5	-1	0	5	-2	4	-1	-3
Above Normal Water Years	1	-4	6	1	-3	0	0	2	0	10	-2	1
Below Normal Water Years	0	-1	5	1	2	0	-3	0	1	1	-1	3
Dry Water Years	-1	-2	3	-1	1	10	-1	3	0	-2	1	2
Critical Water Years	3	0	-1	-11	0	3	-2	2	0	3	0	0

Table 5A-B5.4.13.2-A. Total CVP Export Monthly Volumes (TotalCVPExp), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	259	332	283	283	255	239	188	283	223	213	283	274
20%	228	311	283	257	253	204	168	265	149	117	235	274
30%	207	274	279	233	235	179	143	208	48	101	189	237
40%	179	274	258	227	216	172	131	163	48	73	149	216
50%	152	274	242	216	207	165	119	113	48	59	127	197
60%	137	227	236	205	200	144	100	74	48	52	110	187
70%	126	178	206	185	153	122	76	49	48	49	97	176
80%	113	133	157	159	117	99	48	49	48	49	68	151
90%	85	61	105	96	70	75	48	49	48	49	49	123

Table 5A-B5.4.13.2-B. Total CVP Export Monthly Volumes (TotalCVPExp), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	166	229	226	204	186	157	116	142	86	95	147	200
Wet Water Years	174	255	255	225	180	164	157	214	146	152	233	202
Above Normal Water Years	143	294	256	185	177	173	125	169	73	81	115	110
Below Normal Water Years	176	217	217	199	193	155	109	108	53	62	119	249
Dry Water Years	149	223	207	217	211	146	82	80	48	56	84	199
Critical Water Years	163	136	165	155	166	142	51	71	48	67	72	159

Table 5A-B5.4.13.2-C. Total CVP Export Monthly Volumes (TotalCVPExp), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2	0	0	0	0	7	0	6	-11	-1	0	0
20%	4	-1	0	0	3	9	0	32	1	-5	5	3
30%	1	-4	9	-5	4	1	1	2	0	15	-5	-2
40%	0	0	3	-1	-1	2	-3	0	0	5	-3	-2
50%	-12	0	1	-1	-1	0	0	0	0	0	-1	1
60%	-1	10	4	-2	-2	-4	-6	8	0	1	3	0
70%	-2	16	3	-10	-34	-3	-6	0	0	0	5	1
80%	1	2	6	-10	2	-2	-3	0	0	0	3	-1
90%	-8	-22	4	-16	2	-7	0	0	0	0	0	-6

Table 5A-B5.4.13.2-D. Total CVP Export Monthly Volumes (TotalCVPExp), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	0	5	-3	-1	1	-1	5	-1	3	0	0
Wet Water Years	-3	3	7	-3	-5	-1	0	8	-3	3	-1	-4
Above Normal Water Years	0	-5	6	0	0	0	0	2	0	10	-2	0
Below Normal Water Years	0	0	5	1	-3	0	-4	2	0	5	3	2
Dry Water Years	1	1	4	-1	3	10	-1	4	0	-4	2	2
Critical Water Years	1	-2	2	-12	10	0	-2	3	-1	0	-1	0

Table 5A-B5.4.13.3-A. Total CVP Export Monthly Volumes (TotalCVPExp), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	258	332	283	283	255	260	192	283	228	211	283	274
20%	229	311	283	257	255	227	170	266	149	121	233	274
30%	209	274	280	233	235	185	150	208	48	101	189	240
40%	179	274	258	227	220	173	132	163	48	69	150	216
50%	152	274	242	216	207	166	119	108	48	59	123	197
60%	136	228	236	205	200	146	101	69	48	49	110	188
70%	127	178	206	185	162	124	81	49	48	49	93	175
80%	112	133	164	162	120	96	50	49	48	49	67	153
90%	93	61	104	102	60	81	48	49	48	49	49	123

Table 5A-B5.4.13.3-B. Total CVP Export Monthly Volumes (TotalCVPExp), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	167	229	226	205	187	162	118	141	86	95	146	200
Wet Water Years	174	255	255	227	180	165	158	215	147	153	233	201
Above Normal Water Years	150	295	256	184	178	173	125	169	73	81	115	110
Below Normal Water Years	174	218	217	199	197	162	112	104	53	62	119	249
Dry Water Years	149	223	209	217	212	155	82	77	48	57	81	200
Critical Water Years	163	136	164	156	164	150	56	71	48	61	65	159

Table 5A-B5.4.13.3-C. Total CVP Export Monthly Volumes (TotalCVPExp), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	0	0	0	0	28	4	6	-6	-2	0	0
20%	4	-1	0	0	5	32	2	32	1	-1	3	3
30%	3	-4	9	-5	5	7	8	2	0	15	-5	0
40%	-1	0	3	-1	3	4	-2	0	0	2	-2	-1
50%	-13	0	0	-1	-1	1	0	-6	0	1	-5	1
60%	-1	11	4	-2	-2	-2	-5	2	0	-1	3	0
70%	0	15	3	-10	-25	-1	-1	0	0	0	1	0
80%	1	2	13	-7	5	-6	-1	0	0	0	1	1
90%	0	-22	3	-10	-8	-1	0	0	0	0	0	-6

Table 5A-B5.4.13.3-D. Total CVP Export Monthly Volumes (TotalCVPExp), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	1	6	-2	0	6	0	3	-1	2	-1	0
Wet Water Years	-2	3	7	0	-5	1	1	9	-1	3	-1	-4
Above Normal Water Years	6	-4	6	-1	1	0	0	2	0	10	-2	0
Below Normal Water Years	-2	0	5	1	0	7	-1	-2	0	4	3	2
Dry Water Years	0	1	6	-1	4	20	0	0	0	-3	-1	2
Critical Water Years	2	-2	1	-11	8	8	4	3	-1	-6	-9	1

Table 5A-B5.4.13.4-A. Total CVP Export Monthly Volumes (TotalCVPExp), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	258	332	283	283	265	280	197	283	242	212	283	274
20%	226	313	283	283	255	246	170	263	146	120	233	274
30%	209	274	283	269	255	224	149	208	48	92	196	234
40%	176	274	282	258	238	195	132	163	48	66	152	216
50%	152	270	260	240	218	165	116	108	48	59	122	197
60%	137	228	243	233	187	144	88	58	48	51	106	189
70%	128	179	202	205	150	124	62	49	48	49	85	175
80%	115	134	153	174	106	96	48	49	48	49	62	158
90%	96	61	105	101	65	76	48	49	48	49	49	129

Table 5A-B5.4.13.4-B. Total CVP Export Monthly Volumes (TotalCVPExp), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	168	229	231	224	190	171	114	141	87	94	146	201
Wet Water Years	175	251	260	247	177	166	159	215	148	153	233	203
Above Normal Water Years	151	298	271	200	187	194	119	169	73	80	123	114
Below Normal Water Years	176	220	221	223	198	177	106	103	53	61	122	247
Dry Water Years	149	228	213	240	223	171	73	75	48	59	71	201
Critical Water Years	164	137	162	163	170	152	56	73	48	57	62	160

Table 5A-B5.4.13.4-C. Total CVP Export Monthly Volumes (TotalCVPExp), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	0	0	0	9	48	9	6	8	-2	0	0
20%	1	0	0	26	5	51	2	30	-2	-1	3	3
30%	3	-4	12	30	25	46	7	2	0	6	2	-6
40%	-3	0	27	29	22	25	-2	0	0	-2	0	-1
50%	-12	-4	19	23	11	0	-3	-5	0	1	-6	1
60%	-1	11	11	26	-14	-4	-18	-9	0	1	-1	2
70%	1	17	-1	10	-37	-2	-21	0	0	0	-8	1
80%	4	3	2	6	-9	-6	-3	0	0	0	-4	5
90%	3	-22	5	-11	-2	-7	0	0	0	0	0	1

Table 5A-B5.4.13.4-D. Total CVP Export Monthly Volumes (TotalCVPExp), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	1	10	18	2	15	-3	3	0	2	-1	0
Wet Water Years	-1	-1	12	19	-8	2	1	9	0	3	0	-2
Above Normal Water Years	7	-1	21	15	10	21	-7	2	0	9	6	4
Below Normal Water Years	0	2	8	25	1	22	-7	-3	0	4	5	0
Dry Water Years	1	6	10	21	16	36	-9	-2	0	-1	-11	4
Critical Water Years	2	-1	-1	-4	14	10	3	5	-1	-10	-12	2

Table 5A-B5.4.13.5-A. Total CVP Export Monthly Volumes (TotalCVPExp), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	258	332	283	283	255	260	192	283	228	210	283	274
20%	229	311	283	257	255	227	170	266	149	121	233	274
30%	209	274	280	233	235	185	150	208	48	101	189	240
40%	179	274	258	227	220	173	132	163	48	69	150	215
50%	152	274	242	216	207	166	119	108	48	59	123	197
60%	136	228	236	205	200	146	101	69	48	49	110	188
70%	127	178	206	185	162	124	81	49	48	49	93	175
80%	112	133	164	162	120	99	50	49	48	49	67	153
90%	93	61	104	96	60	80	48	49	48	49	49	123

Table 5A-B5.4.13.5-B. Total CVP Export Monthly Volumes (TotalCVPExp), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	167	229	227	204	187	162	118	141	86	95	146	200
Wet Water Years	174	255	257	225	180	165	158	215	147	153	233	201
Above Normal Water Years	150	295	256	184	178	173	125	169	73	81	115	110
Below Normal Water Years	174	218	217	199	196	162	112	104	53	62	119	249
Dry Water Years	149	223	209	217	212	155	82	77	48	57	81	200
Critical Water Years	163	136	164	155	164	150	56	71	48	61	65	159

Table 5A-B5.4.13.5-C. Total CVP Export Monthly Volumes (TotalCVPExp), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	0	0	0	0	28	4	6	-6	-4	0	0
20%	4	-1	0	0	5	32	2	32	1	-1	4	3
30%	3	-4	9	-5	5	7	8	2	0	15	-5	0
40%	-1	0	3	-1	3	4	-2	0	0	2	-2	-2
50%	-12	0	0	-1	-1	1	0	-6	0	1	-5	1
60%	-1	11	4	-2	-2	-2	-5	2	0	-1	3	0
70%	0	15	3	-10	-25	-1	-1	0	0	0	1	0
80%	1	2	13	-7	5	-2	-1	0	0	0	1	1
90%	0	-22	3	-16	-8	-2	0	0	0	0	0	-6

Table 5A-B5.4.13.5-D. Total CVP Export Monthly Volumes (TotalCVPExp), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	1	6	-2	0	6	0	3	-1	2	-1	-1
Wet Water Years	-2	3	10	-3	-5	1	1	9	-1	3	0	-5
Above Normal Water Years	6	-4	6	-1	1	0	0	2	0	10	-2	0
Below Normal Water Years	-2	1	5	1	0	7	-1	-2	0	4	3	2
Dry Water Years	0	1	6	-1	4	20	0	0	0	-3	-1	2
Critical Water Years	2	-2	1	-12	8	8	4	3	-1	-6	-9	1

B.4.14 Barker Slough Pumping Plant – Total

Figure 5A-B5.4.14.1-A. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Probability of Exceedance for No Project Alternatives, October to March

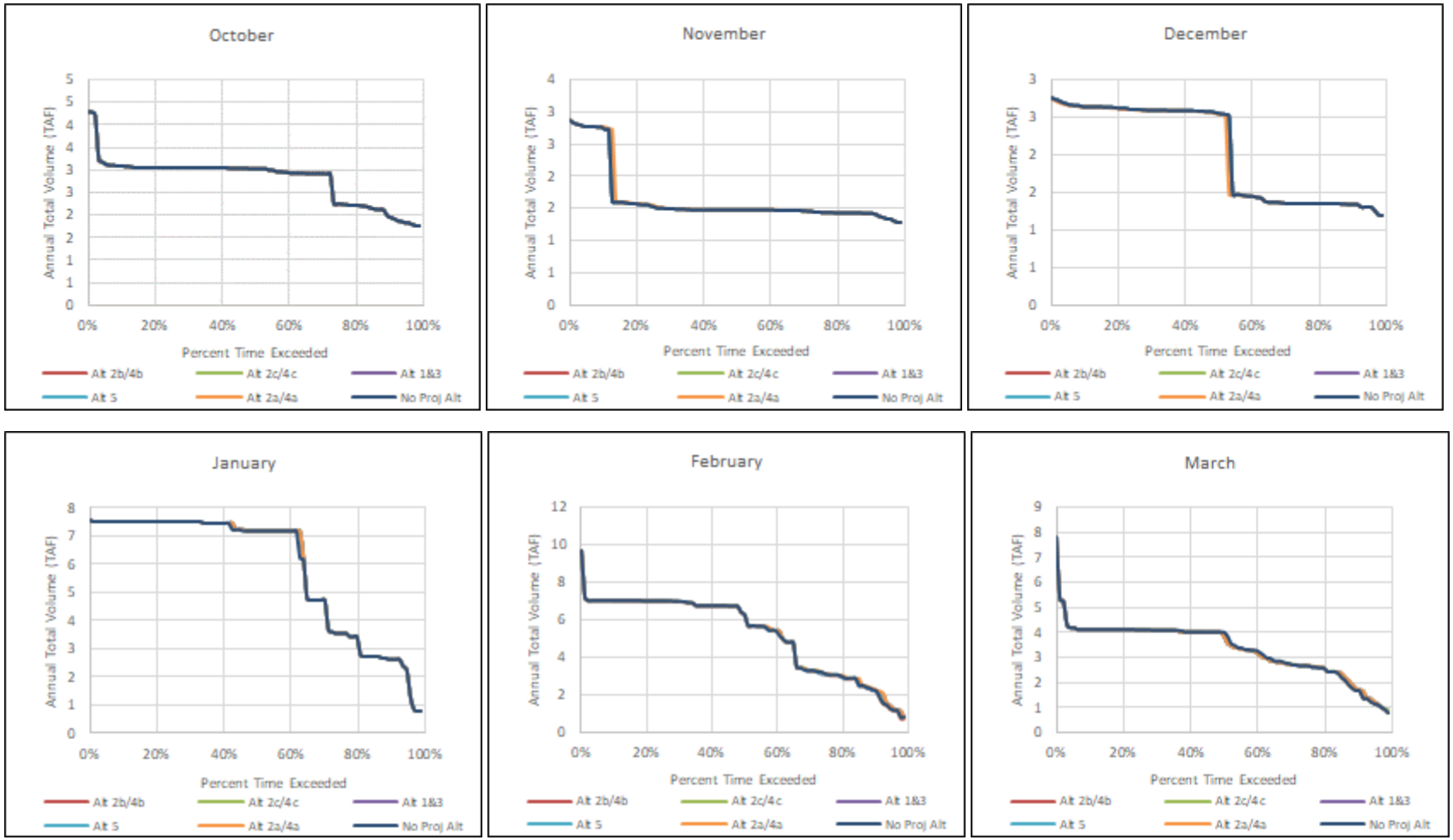


Figure 5A-B5.4.14.1-B. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Probability of Exceedance for No Project Alternatives, April to September

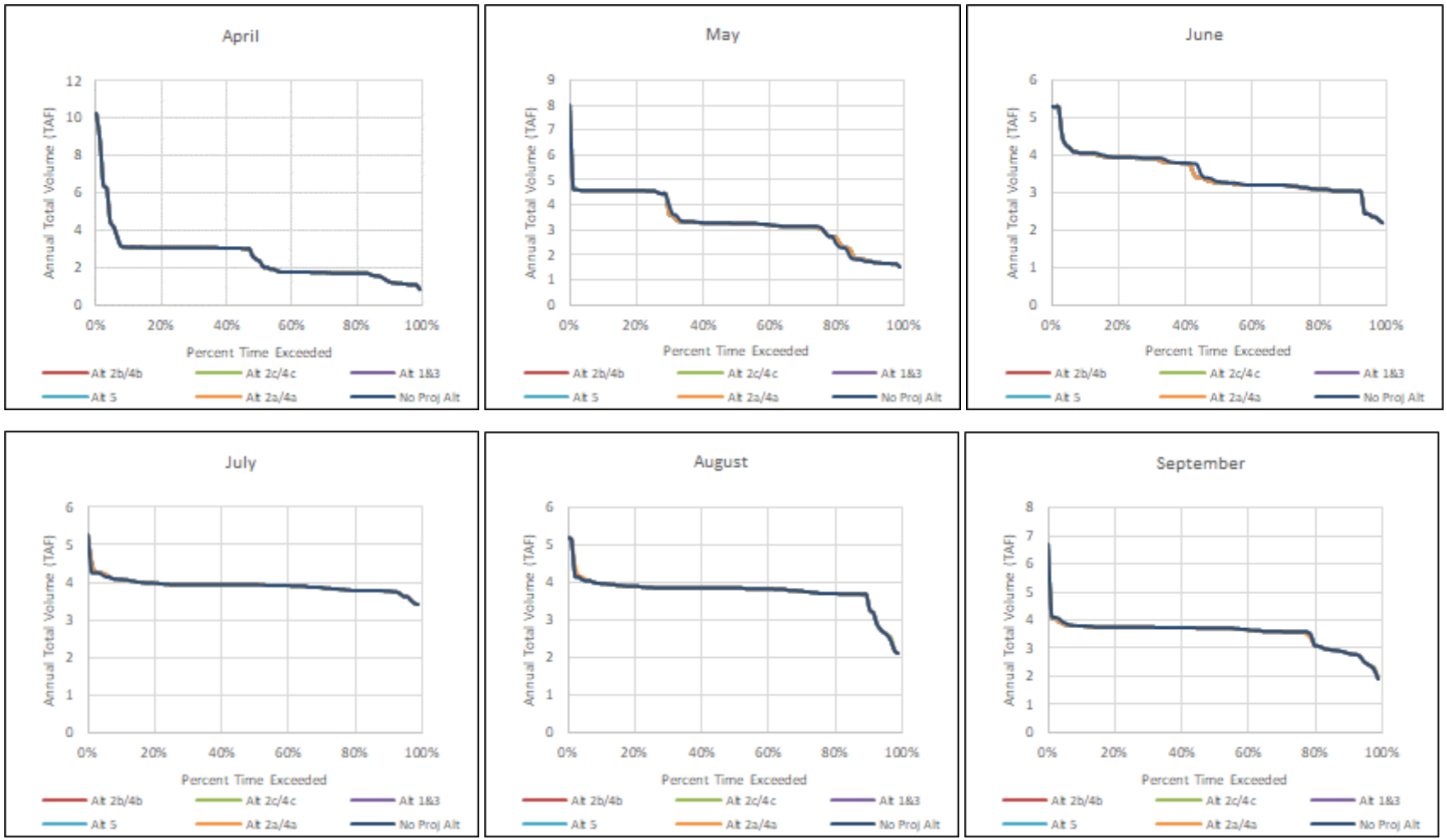


Table 5A-B5.4.14.1-A. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	3	3	7	7	4	3	5	4	4	4	4
20%	3	2	3	7	7	4	3	5	4	4	4	4
30%	3	2	3	7	7	4	3	4	4	4	4	4
40%	3	1	3	7	7	4	3	3	4	4	4	4
50%	3	1	3	7	6	4	2	3	3	4	4	4
60%	3	1	1	7	5	3	2	3	3	4	4	4
70%	3	1	1	5	3	3	2	3	3	4	4	4
80%	2	1	1	3	3	3	2	3	3	4	4	3
90%	2	1	1	3	2	2	1	2	3	4	4	3

Table 5A-B5.4.14.1-B. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	2	2	6	5	3	3	3	3	4	4	4
Wet Water Years	3	2	2	7	6	4	3	4	4	4	4	4
Above Normal Water Years	3	2	2	7	6	4	2	4	4	4	4	4
Below Normal Water Years	3	2	2	6	5	4	3	4	3	4	4	4
Dry Water Years	3	1	2	6	4	3	2	2	3	4	4	3
Critical Water Years	2	1	2	3	2	2	2	3	3	4	3	3

Table 5A-B5.4.14.1-C. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	3	3	7	7	4	3	5	4	4	4	4
20%	3	2	3	7	7	4	3	5	4	4	4	4
30%	3	2	3	7	7	4	3	4	4	4	4	4
40%	3	1	3	7	7	4	3	3	4	4	4	4
50%	3	1	3	7	6	4	2	3	3	4	4	4
60%	3	1	1	7	5	3	2	3	3	4	4	4
70%	3	1	1	5	3	3	2	3	3	4	4	4
80%	2	1	1	3	3	3	2	3	3	4	4	3
90%	2	1	1	3	2	2	1	2	3	4	4	3

Table 5A-B5.4.14.1-D. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	2	2	6	5	3	3	3	3	4	4	4
Wet Water Years	3	2	2	7	6	4	3	4	4	4	4	4
Above Normal Water Years	3	2	2	7	6	4	2	4	4	4	4	4
Below Normal Water Years	3	2	2	6	5	3	3	4	3	4	4	4
Dry Water Years	3	1	2	6	4	3	2	2	3	4	4	3
Critical Water Years	2	1	2	3	2	2	2	2	3	4	3	3

Table 5A-B5.4.14.1-E. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.14.1-F. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.14.2-A. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	3	3	7	7	4	3	5	4	4	4	4
20%	3	2	3	7	7	4	3	5	4	4	4	4
30%	3	2	3	7	7	4	3	4	4	4	4	4
40%	3	1	3	7	7	4	3	3	4	4	4	4
50%	3	1	3	7	6	4	2	3	3	4	4	4
60%	3	1	1	7	5	3	2	3	3	4	4	4
70%	3	1	1	5	3	3	2	3	3	4	4	4
80%	2	1	1	3	3	3	2	3	3	4	4	3
90%	2	1	1	3	2	2	1	2	3	4	4	3

Table 5A-B5.4.14.2-B. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	2	2	6	5	3	3	3	3	4	4	4
Wet Water Years	3	2	2	7	6	4	3	4	4	4	4	4
Above Normal Water Years	3	2	2	7	6	4	2	4	4	4	4	4
Below Normal Water Years	3	2	2	6	5	3	3	4	3	4	4	4
Dry Water Years	3	1	2	6	4	3	2	2	3	4	4	3
Critical Water Years	2	1	2	3	2	2	2	2	3	4	3	3

Table 5A-B5.4.14.2-C. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.14.2-D. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.14.3-A. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	3	3	7	7	4	3	5	4	4	4	4
20%	3	2	3	7	7	4	3	5	4	4	4	4
30%	3	2	3	7	7	4	3	4	4	4	4	4
40%	3	1	3	7	7	4	3	3	4	4	4	4
50%	3	1	3	7	6	4	2	3	3	4	4	4
60%	3	1	1	7	5	3	2	3	3	4	4	4
70%	3	1	1	5	3	3	2	3	3	4	4	4
80%	2	1	1	3	3	3	2	3	3	4	4	3
90%	2	1	1	3	2	2	1	2	3	4	4	3

Table 5A-B5.4.14.3-B. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	2	2	6	5	3	3	3	3	4	4	4
Wet Water Years	3	2	2	7	6	4	3	4	4	4	4	4
Above Normal Water Years	3	2	2	7	6	4	2	4	4	4	4	4
Below Normal Water Years	3	2	2	6	5	3	3	4	3	4	4	4
Dry Water Years	3	1	2	6	4	3	2	2	3	4	4	3
Critical Water Years	2	1	2	3	2	2	2	2	3	4	3	3

Table 5A-B5.4.14.3-C. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.14.3-D. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.14.4-A. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	3	3	7	7	4	3	5	4	4	4	4
20%	3	2	3	7	7	4	3	5	4	4	4	4
30%	3	2	3	7	7	4	3	4	4	4	4	4
40%	3	1	3	7	7	4	3	3	4	4	4	4
50%	3	1	3	7	6	4	2	3	3	4	4	4
60%	3	1	1	7	5	3	2	3	3	4	4	4
70%	3	1	1	5	3	3	2	3	3	4	4	4
80%	2	1	1	3	3	3	2	3	3	4	4	3
90%	2	1	1	3	2	2	1	2	3	4	4	3

Table 5A-B5.4.14.4-B. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	2	2	6	5	3	3	3	3	4	4	4
Wet Water Years	3	2	2	7	6	4	3	4	4	4	4	4
Above Normal Water Years	3	2	2	7	6	4	2	4	4	4	4	4
Below Normal Water Years	3	2	2	6	5	3	3	4	3	4	4	4
Dry Water Years	3	1	2	6	4	3	2	2	3	4	4	3
Critical Water Years	2	1	2	3	2	2	2	2	3	4	3	3

Table 5A-B5.4.14.4-C. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.14.4-D. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.14.5-A. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	3	3	7	7	4	3	5	4	4	4	4
20%	3	2	3	7	7	4	3	5	4	4	4	4
30%	3	2	3	7	7	4	3	4	4	4	4	4
40%	3	1	3	7	7	4	3	3	4	4	4	4
50%	3	1	3	7	6	4	2	3	3	4	4	4
60%	3	1	1	7	5	3	2	3	3	4	4	4
70%	3	1	1	5	3	3	2	3	3	4	4	4
80%	2	1	1	3	3	3	2	3	3	4	4	3
90%	2	1	1	3	2	2	1	2	3	4	4	3

Table 5A-B5.4.14.5-B. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	2	2	6	5	3	3	3	3	4	4	4
Wet Water Years	3	2	2	7	6	4	3	4	4	4	4	4
Above Normal Water Years	3	2	2	7	6	4	2	4	4	4	4	4
Below Normal Water Years	3	2	2	6	5	3	3	4	3	4	4	4
Dry Water Years	3	1	2	6	4	3	2	2	3	4	4	3
Critical Water Years	2	1	2	3	2	2	2	2	3	4	3	3

Table 5A-B5.4.14.5-C. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.14.5-D. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

B.4.15 Contra Costa Canal PP No. 1 (Rock Slough Intake)

Figure 5A-B5.4.15.1-A. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Probability of Exceedance for No Project Alternatives, October to March

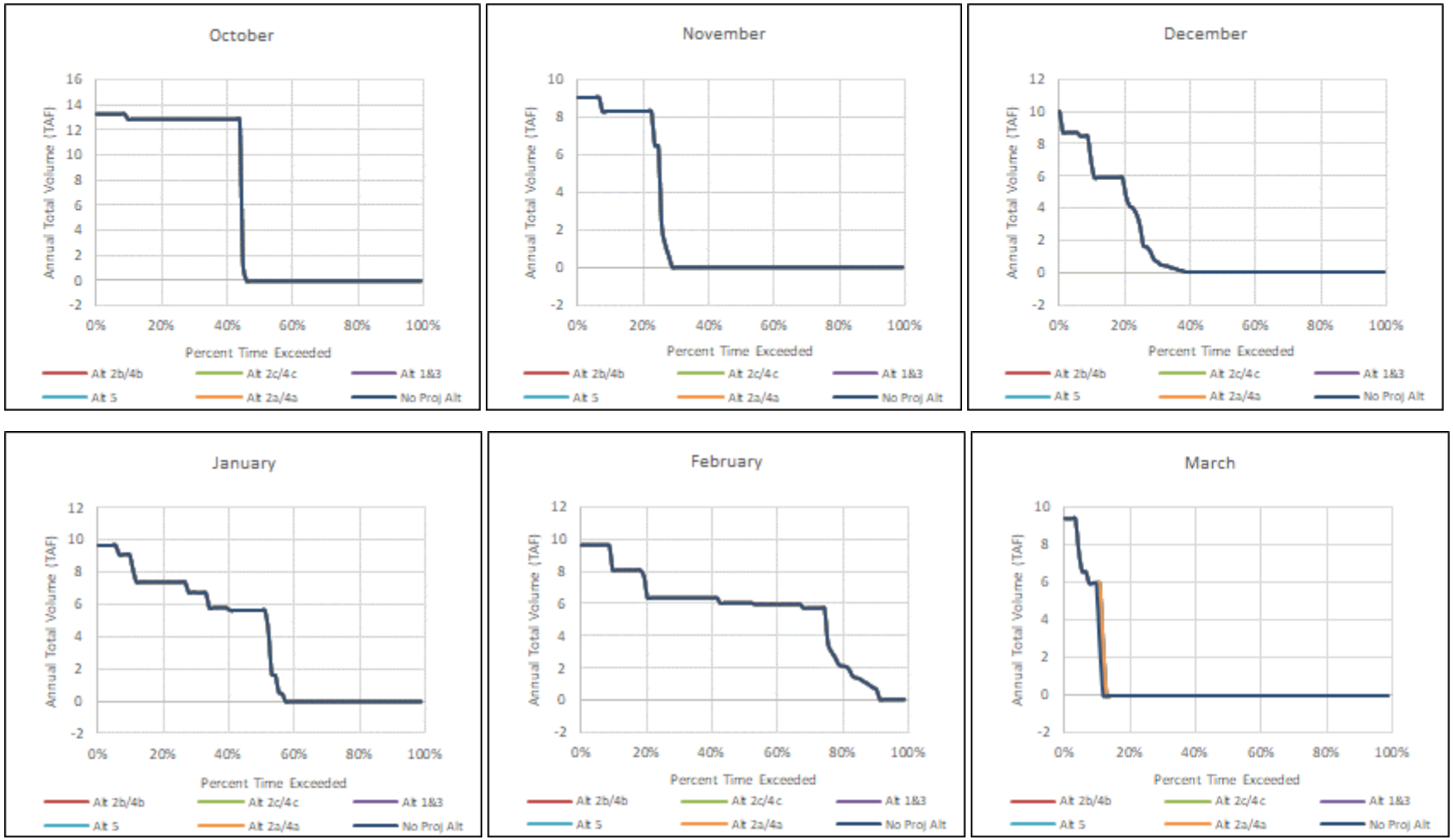


Figure 5A-B5.4.15.1-B. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Probability of Exceedance for No Project Alternatives, April to September

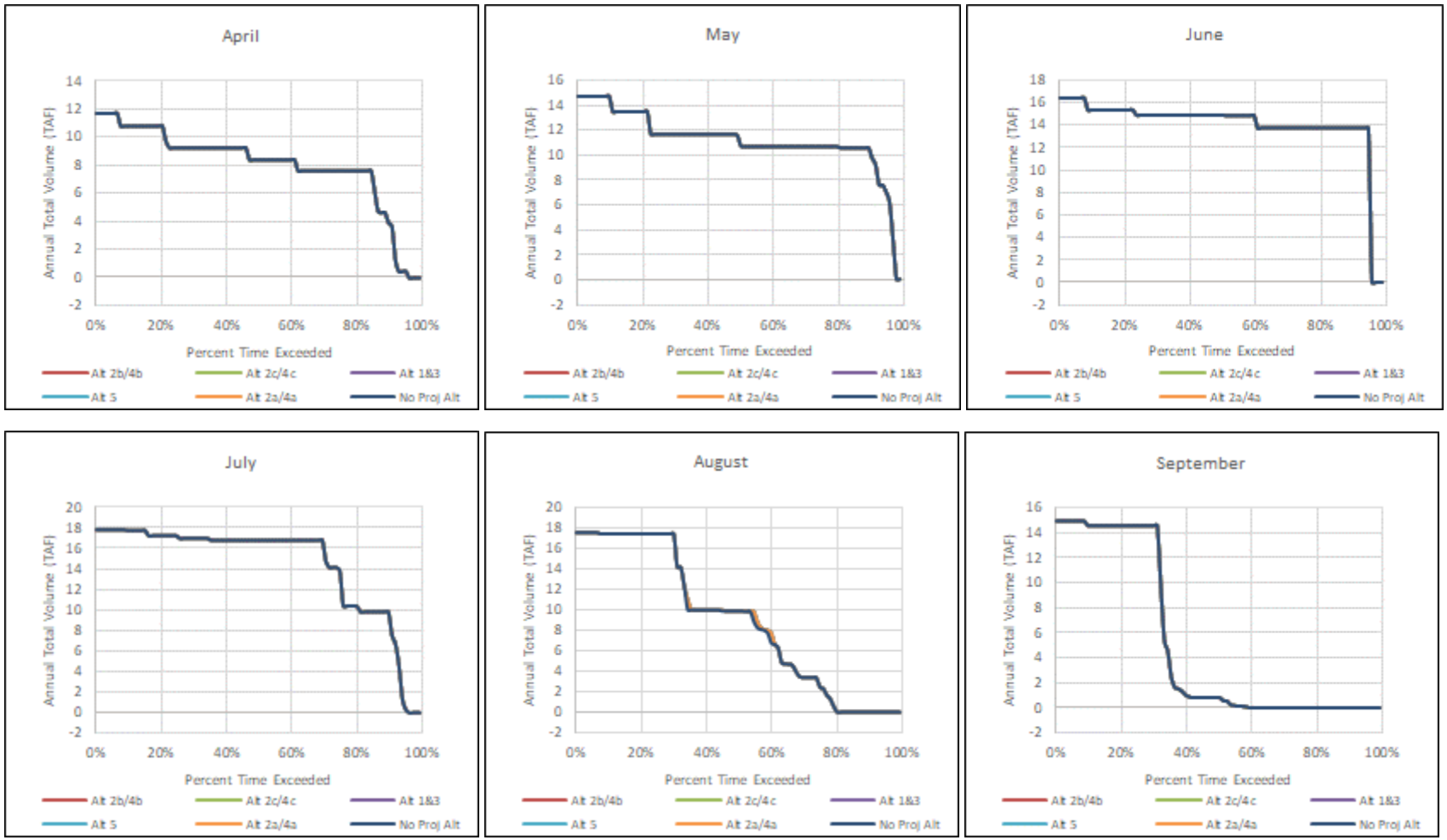


Table 5A-B5.4.15.1-A. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	8	7	9	8	5	11	14	15	18	17	15
20%	13	8	5	7	7	0	11	14	15	17	17	15
30%	13	0	1	7	6	0	9	12	15	17	17	15
40%	13	0	0	6	6	0	9	12	15	17	10	1
50%	0	0	0	6	6	0	8	11	15	17	10	1
60%	0	0	0	0	6	0	8	11	15	17	7	0
70%	0	0	0	0	6	0	8	11	14	17	3	0
80%	0	0	0	0	2	0	8	11	14	10	0	0
90%	0	0	0	0	1	0	4	11	14	10	0	0

Table 5A-B5.4.15.1-B. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6	2	2	4	5	1	8	11	14	14	9	5
Wet Water Years	6	3	3	6	6	0	6	10	14	17	13	10
Above Normal Water Years	7	2	1	5	6	0	7	11	15	17	14	15
Below Normal Water Years	6	2	1	2	5	1	9	12	15	12	5	0
Dry Water Years	6	3	1	2	4	0	10	13	15	15	10	1
Critical Water Years	2	1	0	2	5	3	10	13	11	11	1	0

Table 5A-B5.4.15.1-C. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	8	7	9	8	6	11	14	15	18	17	15
20%	13	8	5	7	7	0	11	14	15	17	17	15
30%	13	0	1	7	6	0	9	12	15	17	17	15
40%	13	0	0	6	6	0	9	12	15	17	10	1
50%	0	0	0	6	6	0	8	11	15	17	10	1
60%	0	0	0	0	6	0	8	11	15	17	8	0
70%	0	0	0	0	6	0	8	11	14	17	3	0
80%	0	0	0	0	2	0	8	11	14	10	0	0
90%	0	0	0	0	1	0	4	11	14	10	0	0

Table 5A-B5.4.15.1-D. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6	2	2	4	5	1	8	11	14	14	9	5
Wet Water Years	6	3	3	6	6	1	6	10	14	17	13	10
Above Normal Water Years	7	2	1	5	6	0	7	11	15	17	15	15
Below Normal Water Years	6	2	1	2	5	1	9	12	15	12	5	0
Dry Water Years	6	3	1	2	4	0	10	13	15	15	10	1
Critical Water Years	2	1	0	2	5	3	10	13	11	11	1	0

Table 5A-B5.4.15.1-E. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	1	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	1	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.15.1-F. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.15.2-A. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	8	7	9	8	6	11	14	15	18	17	15
20%	13	8	5	7	7	0	11	14	15	17	17	15
30%	13	0	1	7	6	0	9	12	15	17	17	15
40%	13	0	0	6	6	0	9	12	15	17	10	1
50%	0	0	0	6	6	0	8	11	15	17	10	1
60%	0	0	0	0	6	0	8	11	15	17	8	0
70%	0	0	0	0	6	0	8	11	14	17	3	0
80%	0	0	0	0	2	0	8	11	14	10	0	0
90%	0	0	0	0	1	0	4	11	14	10	0	0

Table 5A-B5.4.15.2-B. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6	2	2	4	5	1	8	11	14	14	9	5
Wet Water Years	6	3	3	6	6	1	6	10	14	17	13	10
Above Normal Water Years	7	2	1	5	6	0	7	11	15	17	15	15
Below Normal Water Years	6	2	1	2	5	1	9	12	15	12	5	0
Dry Water Years	6	3	1	2	4	0	10	13	15	15	10	1
Critical Water Years	2	1	0	2	5	3	10	13	11	11	1	0

Table 5A-B5.4.15.2-C. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	1	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	1	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.15.2-D. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.15.3-A. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	8	7	9	8	6	11	14	15	18	17	15
20%	13	8	5	7	7	0	11	14	15	17	17	15
30%	13	0	1	7	6	0	9	12	15	17	17	15
40%	13	0	0	6	6	0	9	12	15	17	10	1
50%	0	0	0	6	6	0	8	11	15	17	10	1
60%	0	0	0	0	6	0	8	11	15	17	8	0
70%	0	0	0	0	6	0	8	11	14	17	3	0
80%	0	0	0	0	2	0	8	11	14	10	0	0
90%	0	0	0	0	1	0	4	11	14	10	0	0

Table 5A-B5.4.15.3-B. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6	2	2	4	5	1	8	11	14	14	9	5
Wet Water Years	6	3	3	6	6	1	6	10	14	17	13	10
Above Normal Water Years	7	2	1	5	6	0	7	11	15	17	15	15
Below Normal Water Years	6	2	1	2	5	1	9	12	15	12	5	0
Dry Water Years	6	3	1	2	4	0	10	13	15	15	10	1
Critical Water Years	2	1	0	2	5	3	10	13	11	11	1	0

Table 5A-B5.4.15.3-C. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	1	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	1	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.15.3-D. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.15.4-A. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	8	7	9	8	6	11	14	15	18	17	15
20%	13	8	5	7	7	0	11	14	15	17	17	15
30%	13	0	1	7	6	0	9	12	15	17	17	15
40%	13	0	0	6	6	0	9	12	15	17	10	1
50%	0	0	0	6	6	0	8	11	15	17	10	1
60%	0	0	0	0	6	0	8	11	15	17	8	0
70%	0	0	0	0	6	0	8	11	14	17	3	0
80%	0	0	0	0	2	0	8	11	14	10	0	0
90%	0	0	0	0	1	0	4	11	14	10	0	0

Table 5A-B5.4.15.4-B. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6	2	2	4	5	1	8	11	14	14	9	5
Wet Water Years	6	3	3	6	6	1	6	10	14	17	13	10
Above Normal Water Years	7	2	1	5	6	0	7	11	15	17	15	15
Below Normal Water Years	6	2	1	2	5	1	9	12	15	12	5	0
Dry Water Years	6	3	1	2	4	0	10	13	15	15	10	1
Critical Water Years	2	1	0	2	5	3	10	13	11	11	1	0

Table 5A-B5.4.15.4-C. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	1	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	1	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.15.4-D. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.15.5-A. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	8	7	9	8	6	11	14	15	18	17	15
20%	13	8	5	7	7	0	11	14	15	17	17	15
30%	13	0	1	7	6	0	9	12	15	17	17	15
40%	13	0	0	6	6	0	9	12	15	17	10	1
50%	0	0	0	6	6	0	8	11	15	17	10	1
60%	0	0	0	0	6	0	8	11	15	17	8	0
70%	0	0	0	0	6	0	8	11	14	17	3	0
80%	0	0	0	0	2	0	8	11	14	10	0	0
90%	0	0	0	0	1	0	4	11	14	10	0	0

Table 5A-B5.4.15.5-B. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6	2	2	4	5	1	8	11	14	14	9	5
Wet Water Years	6	3	3	6	6	1	6	10	14	17	13	10
Above Normal Water Years	7	2	1	5	6	0	7	11	15	17	15	15
Below Normal Water Years	6	2	1	2	5	1	9	12	15	12	5	0
Dry Water Years	6	3	1	2	4	0	10	13	15	15	10	1
Critical Water Years	2	1	0	2	5	3	10	13	11	11	1	0

Table 5A-B5.4.15.5-C. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	1	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	1	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.15.5-D. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

B.4.16 Contra Costa WD Old River and Victoria Canal Intakes

Figure 5A-B5.4.16.1-A. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Probability of Exceedance for No Project Alternatives, October to March

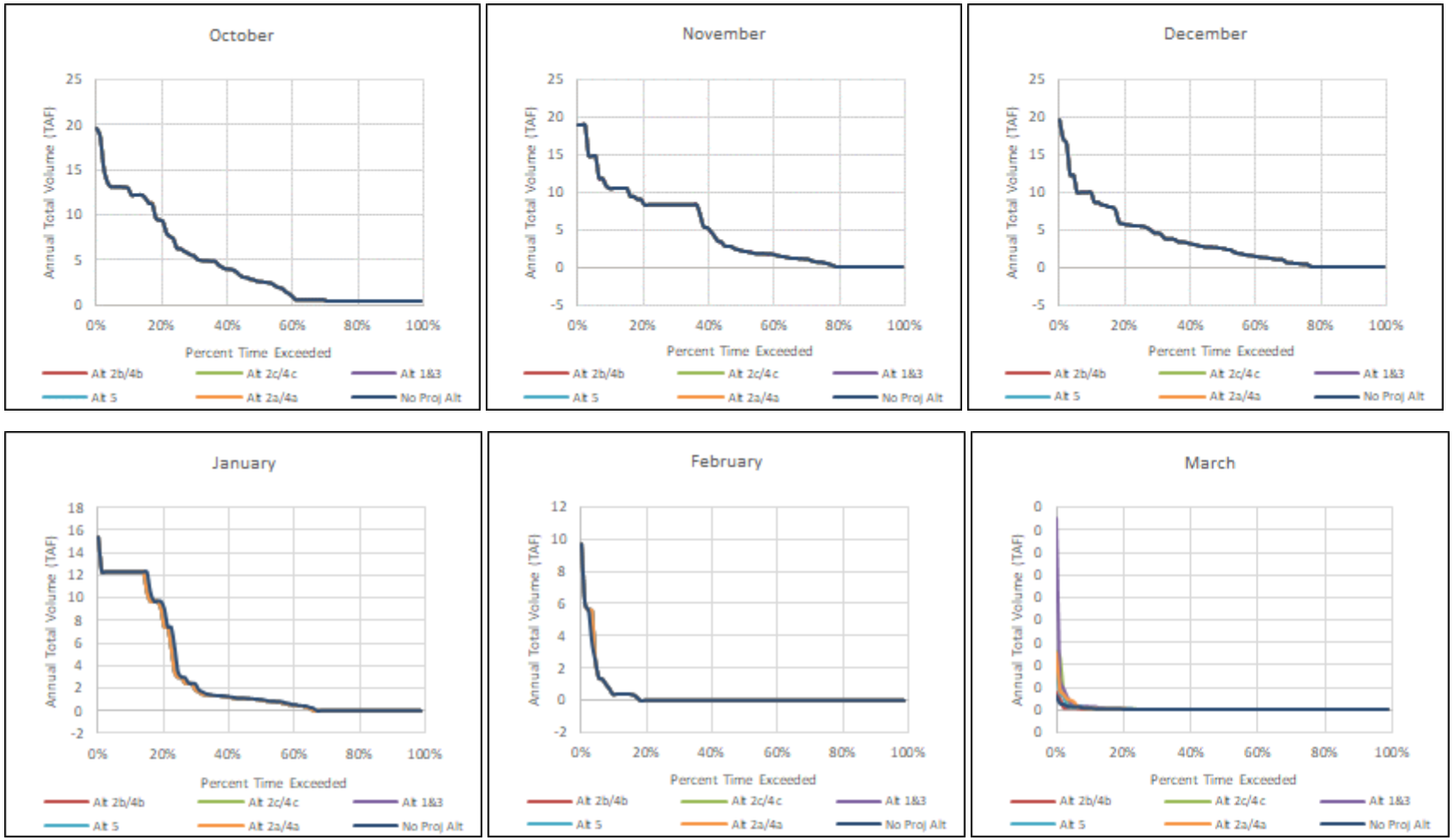


Figure 5A-B5.4.16.1-B. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Probability of Exceedance for No Project Alternatives, April to September

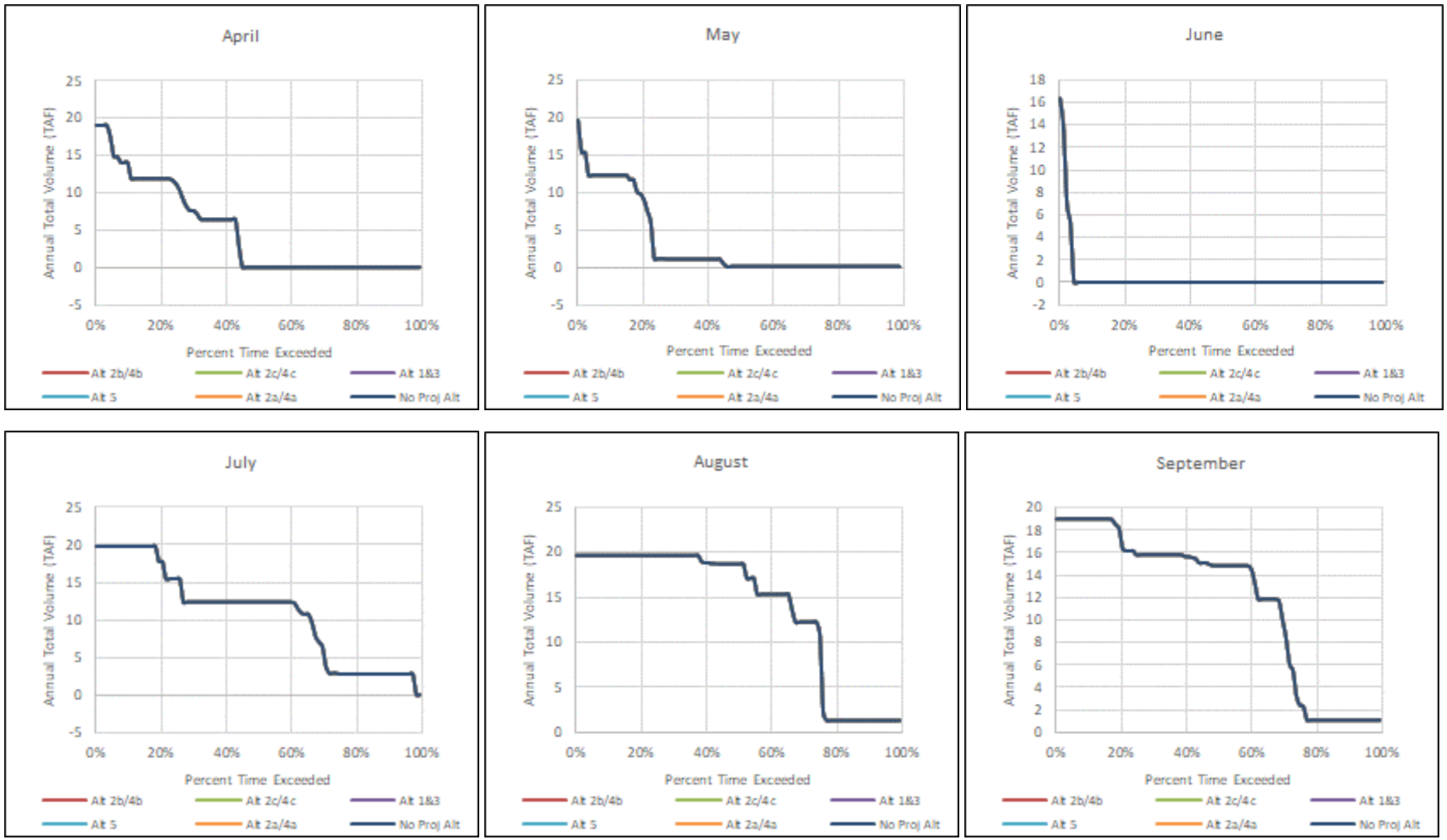


Table 5A-B5.4.16.1-A. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	11	10	12	0	0	13	12	0	20	20	19
20%	9	9	6	9	0	0	12	9	0	18	20	17
30%	6	8	5	2	0	0	8	1	0	12	20	16
40%	4	5	3	1	0	0	6	1	0	12	19	16
50%	3	2	2	1	0	0	0	0	0	12	19	15
60%	1	2	1	1	0	0	0	0	0	12	15	15
70%	1	1	1	0	0	0	0	0	0	6	12	10
80%	0	0	0	0	0	0	0	0	0	3	1	1
90%	0	0	0	0	0	0	0	0	0	3	1	1

Table 5A-B5.4.16.1-B. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	5	4	3	0	0	5	3	0	11	14	12
Wet Water Years	4	6	3	4	0	0	9	5	0	6	9	8
Above Normal Water Years	6	7	4	5	0	0	9	4	0	8	7	3
Below Normal Water Years	4	4	4	3	0	0	2	3	0	16	19	17
Dry Water Years	4	4	4	2	1	0	0	0	0	15	18	18
Critical Water Years	6	4	4	4	1	0	0	0	4	11	16	10

Table 5A-B5.4.16.1-C. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	11	10	12	0	0	13	12	0	20	20	19
20%	9	9	6	8	0	0	12	9	0	18	20	17
30%	6	8	5	2	0	0	8	1	0	12	20	16
40%	4	5	3	1	0	0	6	1	0	12	19	16
50%	3	2	2	1	0	0	0	0	0	12	19	15
60%	1	2	1	1	0	0	0	0	0	12	15	15
70%	1	1	1	0	0	0	0	0	0	6	12	10
80%	0	0	0	0	0	0	0	0	0	3	1	1
90%	0	0	0	0	0	0	0	0	0	3	1	1

Table 5A-B5.4.16.1-D. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	5	4	3	0	0	5	3	0	11	14	12
Wet Water Years	4	6	3	3	0	0	9	5	0	6	9	8
Above Normal Water Years	6	7	4	5	0	0	9	4	0	8	7	3
Below Normal Water Years	4	4	4	3	0	0	2	3	0	16	19	17
Dry Water Years	4	4	4	2	1	0	0	0	0	15	18	18
Critical Water Years	6	4	4	4	1	0	0	0	4	11	16	10

Table 5A-B5.4.16.1-E. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	-1	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.16.1-F. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.16.2-A. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	11	10	12	0	0	13	12	0	20	20	19
20%	9	9	6	8	0	0	12	9	0	18	20	17
30%	6	8	5	2	0	0	8	1	0	12	20	16
40%	4	5	3	1	0	0	6	1	0	12	19	16
50%	3	2	2	1	0	0	0	0	0	12	19	15
60%	1	2	1	1	0	0	0	0	0	12	15	15
70%	1	1	1	0	0	0	0	0	0	6	12	10
80%	0	0	0	0	0	0	0	0	0	3	1	1
90%	0	0	0	0	0	0	0	0	0	3	1	1

Table 5A-B5.4.16.2-B. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	5	4	3	0	0	5	3	0	11	14	12
Wet Water Years	4	6	3	3	0	0	9	5	0	6	9	8
Above Normal Water Years	6	7	4	5	0	0	9	4	0	8	7	3
Below Normal Water Years	4	4	4	3	0	0	2	3	0	16	19	17
Dry Water Years	4	4	4	2	1	0	0	0	0	15	18	18
Critical Water Years	6	4	4	4	1	0	0	0	4	11	16	10

Table 5A-B5.4.16.2-C. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	-1	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.16.2-D. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.16.3-A. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	11	10	12	0	0	13	12	0	20	20	19
20%	9	9	6	8	0	0	12	9	0	18	20	17
30%	6	8	5	2	0	0	8	1	0	12	20	16
40%	4	5	3	1	0	0	6	1	0	12	19	16
50%	3	2	2	1	0	0	0	0	0	12	19	15
60%	1	2	1	1	0	0	0	0	0	12	15	15
70%	1	1	1	0	0	0	0	0	0	6	12	10
80%	0	0	0	0	0	0	0	0	0	3	1	1
90%	0	0	0	0	0	0	0	0	0	3	1	1

Table 5A-B5.4.16.3-B. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	5	4	3	0	0	5	3	0	11	14	12
Wet Water Years	4	6	3	3	0	0	9	5	0	6	9	8
Above Normal Water Years	6	7	4	5	0	0	9	4	0	8	7	3
Below Normal Water Years	4	4	4	3	0	0	2	3	0	16	19	17
Dry Water Years	4	4	4	2	1	0	0	0	0	15	18	18
Critical Water Years	6	4	4	4	1	0	0	0	4	11	16	10

Table 5A-B5.4.16.3-C. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	-1	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.16.3-D. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.16.4-A. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	11	10	12	0	0	13	12	0	20	20	19
20%	9	9	6	8	0	0	12	9	0	18	20	17
30%	6	8	5	2	0	0	8	1	0	12	20	16
40%	4	5	3	1	0	0	6	1	0	12	19	16
50%	3	2	2	1	0	0	0	0	0	12	19	15
60%	1	2	1	1	0	0	0	0	0	12	15	15
70%	1	1	1	0	0	0	0	0	0	6	12	10
80%	0	0	0	0	0	0	0	0	0	3	1	1
90%	0	0	0	0	0	0	0	0	0	3	1	1

Table 5A-B5.4.16.4-B. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	5	4	3	0	0	5	3	0	11	14	12
Wet Water Years	4	6	3	3	0	0	9	5	0	6	9	8
Above Normal Water Years	6	7	4	5	0	0	9	4	0	8	7	3
Below Normal Water Years	4	4	4	3	0	0	2	3	0	16	19	17
Dry Water Years	4	4	4	2	1	0	0	0	0	15	18	18
Critical Water Years	6	4	4	4	1	0	0	0	4	11	16	10

Table 5A-B5.4.16.4-C. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	-1	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.16.4-D. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.16.5-A. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	11	10	12	0	0	13	12	0	20	20	19
20%	9	9	6	8	0	0	12	9	0	18	20	17
30%	6	8	5	2	0	0	8	1	0	12	20	16
40%	4	5	3	1	0	0	6	1	0	12	19	16
50%	3	2	2	1	0	0	0	0	0	12	19	15
60%	1	2	1	1	0	0	0	0	0	12	15	15
70%	1	1	1	0	0	0	0	0	0	6	12	10
80%	0	0	0	0	0	0	0	0	0	3	1	1
90%	0	0	0	0	0	0	0	0	0	3	1	1

Table 5A-B5.4.16.5-B. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	5	4	3	0	0	5	3	0	11	14	12
Wet Water Years	4	6	3	3	0	0	9	5	0	6	9	8
Above Normal Water Years	6	7	4	5	0	0	9	4	0	8	7	3
Below Normal Water Years	4	4	4	3	0	0	2	3	0	16	19	17
Dry Water Years	4	4	4	2	1	0	0	0	0	15	18	18
Critical Water Years	6	4	4	4	1	0	0	0	4	11	16	10

Table 5A-B5.4.16.5-C. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	-1	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.16.5-D. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

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Figure 5A-B5.4.17.1-A. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Probability of Exceedance for No Project Alternatives, October to March

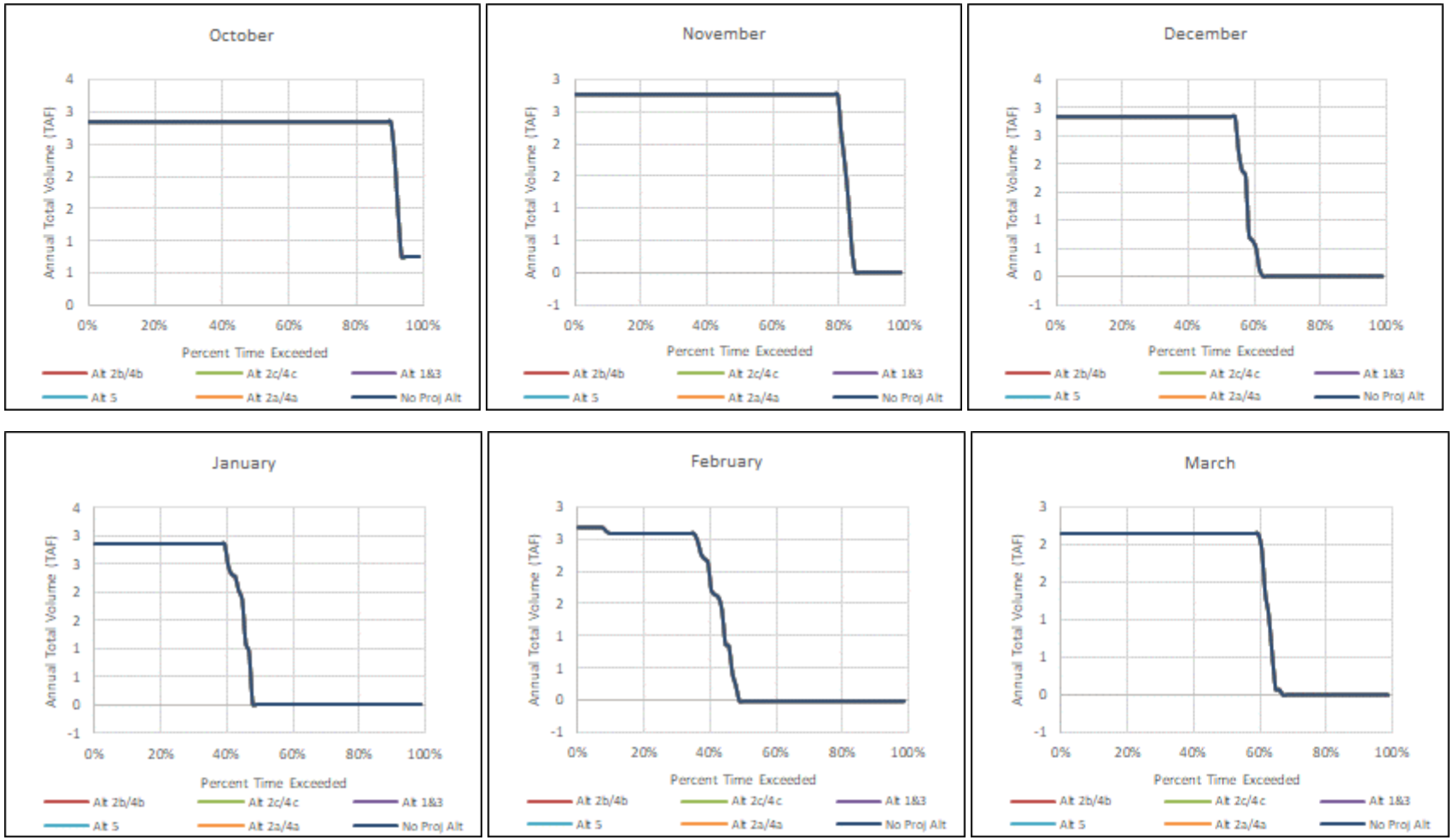


Figure 5A-B5.4.17.1-B. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Probability of Exceedance for No Project Alternatives, April to September

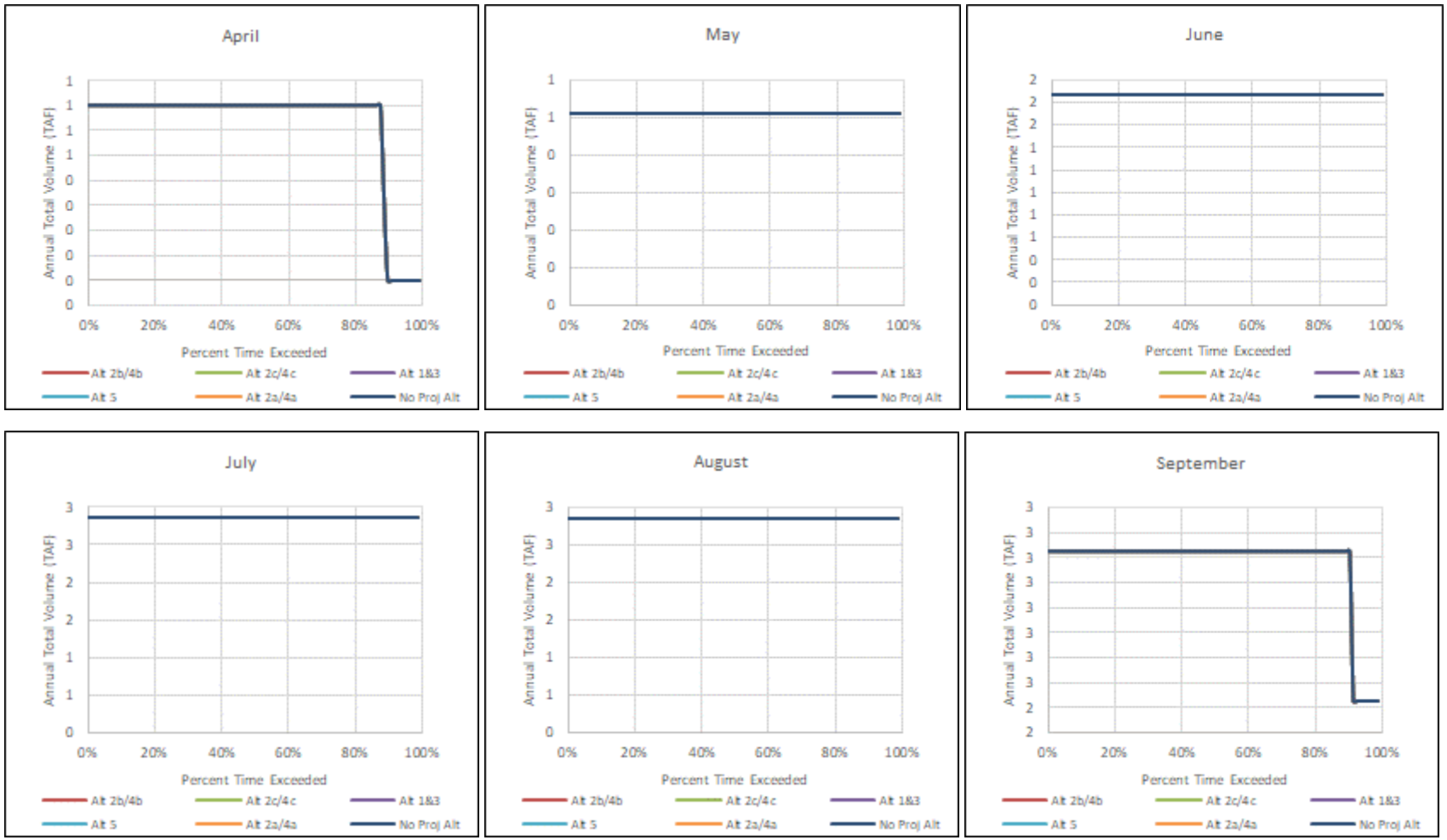


Table 5A-B5.4.17.1-A. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	3	3	3	3	2	1	1	2	3	3	3
20%	3	3	3	3	3	2	1	1	2	3	3	3
30%	3	3	3	3	3	2	1	1	2	3	3	3
40%	3	3	3	3	2	2	1	1	2	3	3	3
50%	3	3	3	0	0	2	1	1	2	3	3	3
60%	3	3	1	0	0	2	1	1	2	3	3	3
70%	3	3	0	0	0	0	1	1	2	3	3	3
80%	3	3	0	0	0	0	1	1	2	3	3	3
90%	3	0	0	0	0	0	0	1	2	3	3	3

Table 5A-B5.4.17.1-B. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	2	2	1	1	1	1	1	2	3	3	3
Wet Water Years	3	2	1	1	1	1	0	1	2	3	3	3
Above Normal Water Years	3	3	2	1	1	1	1	1	2	3	3	3
Below Normal Water Years	3	2	1	1	1	2	1	1	2	3	3	3
Dry Water Years	3	3	3	2	2	2	1	1	2	3	3	3
Critical Water Years	3	3	2	2	2	2	1	1	2	3	3	3

Table 5A-B5.4.17.1-C. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	3	3	3	3	2	1	1	2	3	3	3
20%	3	3	3	3	3	2	1	1	2	3	3	3
30%	3	3	3	3	3	2	1	1	2	3	3	3
40%	3	3	3	3	2	2	1	1	2	3	3	3
50%	3	3	3	0	0	2	1	1	2	3	3	3
60%	3	3	1	0	0	2	1	1	2	3	3	3
70%	3	3	0	0	0	0	1	1	2	3	3	3
80%	3	3	0	0	0	0	1	1	2	3	3	3
90%	3	0	0	0	0	0	0	1	2	3	3	3

Table 5A-B5.4.17.1-D. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	2	2	1	1	1	1	1	2	3	3	3
Wet Water Years	3	2	1	1	1	1	0	1	2	3	3	3
Above Normal Water Years	3	3	2	1	1	1	1	1	2	3	3	3
Below Normal Water Years	3	2	1	1	1	2	1	1	2	3	3	3
Dry Water Years	3	3	3	2	2	2	1	1	2	3	3	3
Critical Water Years	3	3	2	2	2	2	1	1	2	3	3	3

Table 5A-B5.4.17.1-E. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.17.1-F. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.17.2-A. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	3	3	3	3	2	1	1	2	3	3	3
20%	3	3	3	3	3	2	1	1	2	3	3	3
30%	3	3	3	3	3	2	1	1	2	3	3	3
40%	3	3	3	3	2	2	1	1	2	3	3	3
50%	3	3	3	0	0	2	1	1	2	3	3	3
60%	3	3	1	0	0	2	1	1	2	3	3	3
70%	3	3	0	0	0	0	1	1	2	3	3	3
80%	3	3	0	0	0	0	1	1	2	3	3	3
90%	3	0	0	0	0	0	0	1	2	3	3	3

Table 5A-B5.4.17.2-B. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	2	2	1	1	1	1	1	2	3	3	3
Wet Water Years	3	2	1	1	1	1	0	1	2	3	3	3
Above Normal Water Years	3	3	2	1	1	1	1	1	2	3	3	3
Below Normal Water Years	3	2	1	1	1	2	1	1	2	3	3	3
Dry Water Years	3	3	3	2	2	2	1	1	2	3	3	3
Critical Water Years	3	3	2	2	2	2	1	1	2	3	3	3

Table 5A-B5.4.17.2-C. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.17.2-D. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.17.3-A. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	3	3	3	3	2	1	1	2	3	3	3
20%	3	3	3	3	3	2	1	1	2	3	3	3
30%	3	3	3	3	3	2	1	1	2	3	3	3
40%	3	3	3	3	2	2	1	1	2	3	3	3
50%	3	3	3	0	0	2	1	1	2	3	3	3
60%	3	3	1	0	0	2	1	1	2	3	3	3
70%	3	3	0	0	0	0	1	1	2	3	3	3
80%	3	3	0	0	0	0	1	1	2	3	3	3
90%	3	0	0	0	0	0	0	1	2	3	3	3

Table 5A-B5.4.17.3-B. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	2	2	1	1	1	1	1	2	3	3	3
Wet Water Years	3	2	1	1	1	1	0	1	2	3	3	3
Above Normal Water Years	3	3	2	1	1	1	1	1	2	3	3	3
Below Normal Water Years	3	2	1	1	1	2	1	1	2	3	3	3
Dry Water Years	3	3	3	2	2	2	1	1	2	3	3	3
Critical Water Years	3	3	2	2	2	2	1	1	2	3	3	3

Table 5A-B5.4.17.3-C. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.17.3-D. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.17.4-A. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	3	3	3	3	2	1	1	2	3	3	3
20%	3	3	3	3	3	2	1	1	2	3	3	3
30%	3	3	3	3	3	2	1	1	2	3	3	3
40%	3	3	3	3	2	2	1	1	2	3	3	3
50%	3	3	3	0	0	2	1	1	2	3	3	3
60%	3	3	1	0	0	2	1	1	2	3	3	3
70%	3	3	0	0	0	0	1	1	2	3	3	3
80%	3	3	0	0	0	0	1	1	2	3	3	3
90%	3	0	0	0	0	0	0	1	2	3	3	3

Table 5A-B5.4.17.4-B. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	2	2	1	1	1	1	1	2	3	3	3
Wet Water Years	3	2	1	1	1	1	0	1	2	3	3	3
Above Normal Water Years	3	3	2	1	1	1	1	1	2	3	3	3
Below Normal Water Years	3	2	1	1	1	2	1	1	2	3	3	3
Dry Water Years	3	3	3	2	2	2	1	1	2	3	3	3
Critical Water Years	3	3	2	2	2	2	1	1	2	3	3	3

Table 5A-B5.4.17.4-C. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.17.4-D. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.17.5-A. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	3	3	3	3	2	1	1	2	3	3	3
20%	3	3	3	3	3	2	1	1	2	3	3	3
30%	3	3	3	3	3	2	1	1	2	3	3	3
40%	3	3	3	3	2	2	1	1	2	3	3	3
50%	3	3	3	0	0	2	1	1	2	3	3	3
60%	3	3	1	0	0	2	1	1	2	3	3	3
70%	3	3	0	0	0	0	1	1	2	3	3	3
80%	3	3	0	0	0	0	1	1	2	3	3	3
90%	3	0	0	0	0	0	0	1	2	3	3	3

Table 5A-B5.4.17.5-B. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	2	2	1	1	1	1	1	2	3	3	3
Wet Water Years	3	2	1	1	1	1	0	1	2	3	3	3
Above Normal Water Years	3	3	2	1	1	1	1	1	2	3	3	3
Below Normal Water Years	3	2	1	1	1	2	1	1	2	3	3	3
Dry Water Years	3	3	3	2	2	2	1	1	2	3	3	3
Critical Water Years	3	3	2	2	2	2	1	1	2	3	3	3

Table 5A-B5.4.17.5-C. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.17.5-D. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

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Figure 5A-B5.4.18.1-A. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Probability of Exceedance for No Project Alternatives, October to March

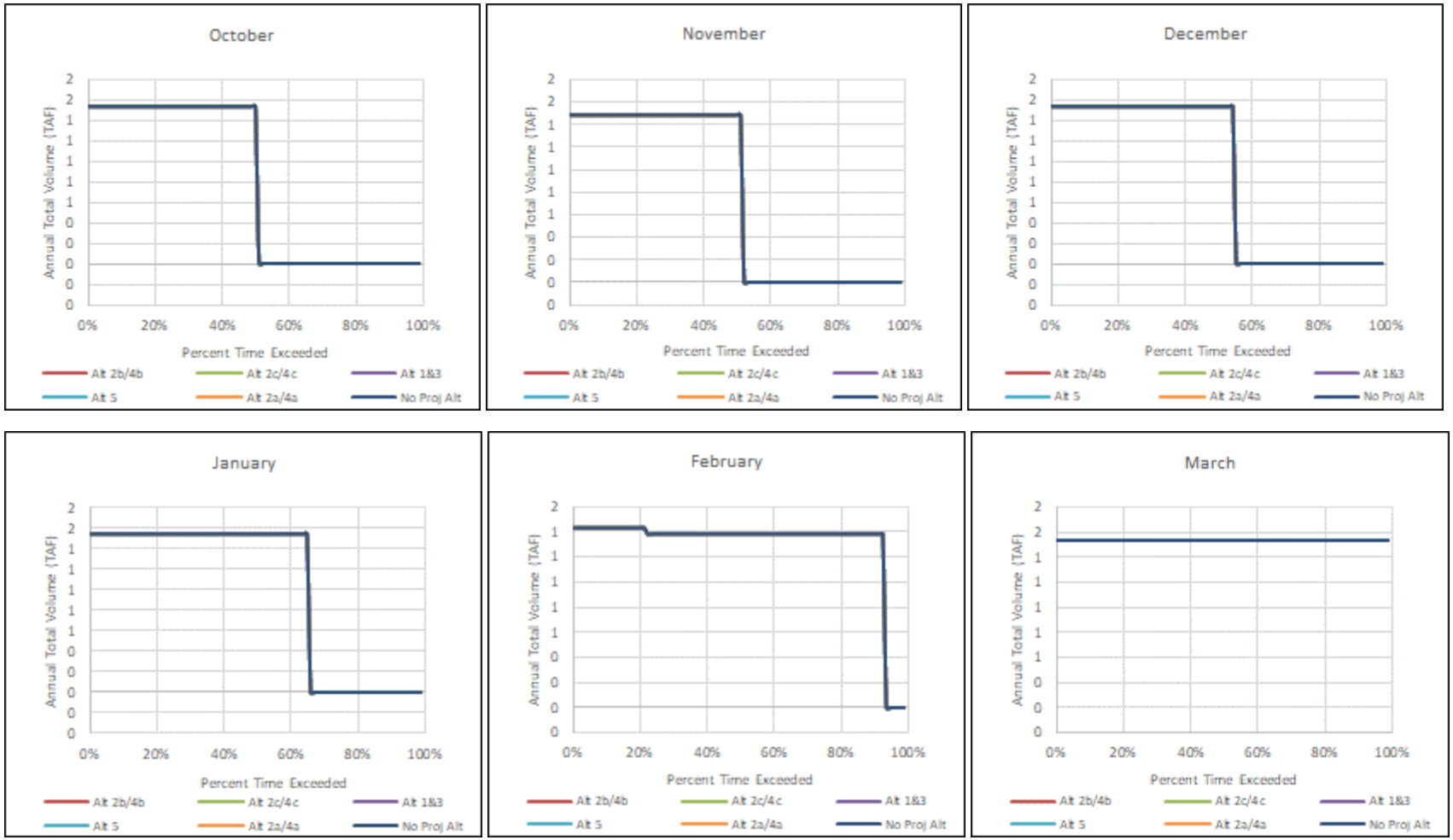


Figure 5A-B5.4.18.1-B. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Probability of Exceedance for No Project Alternatives, April to September

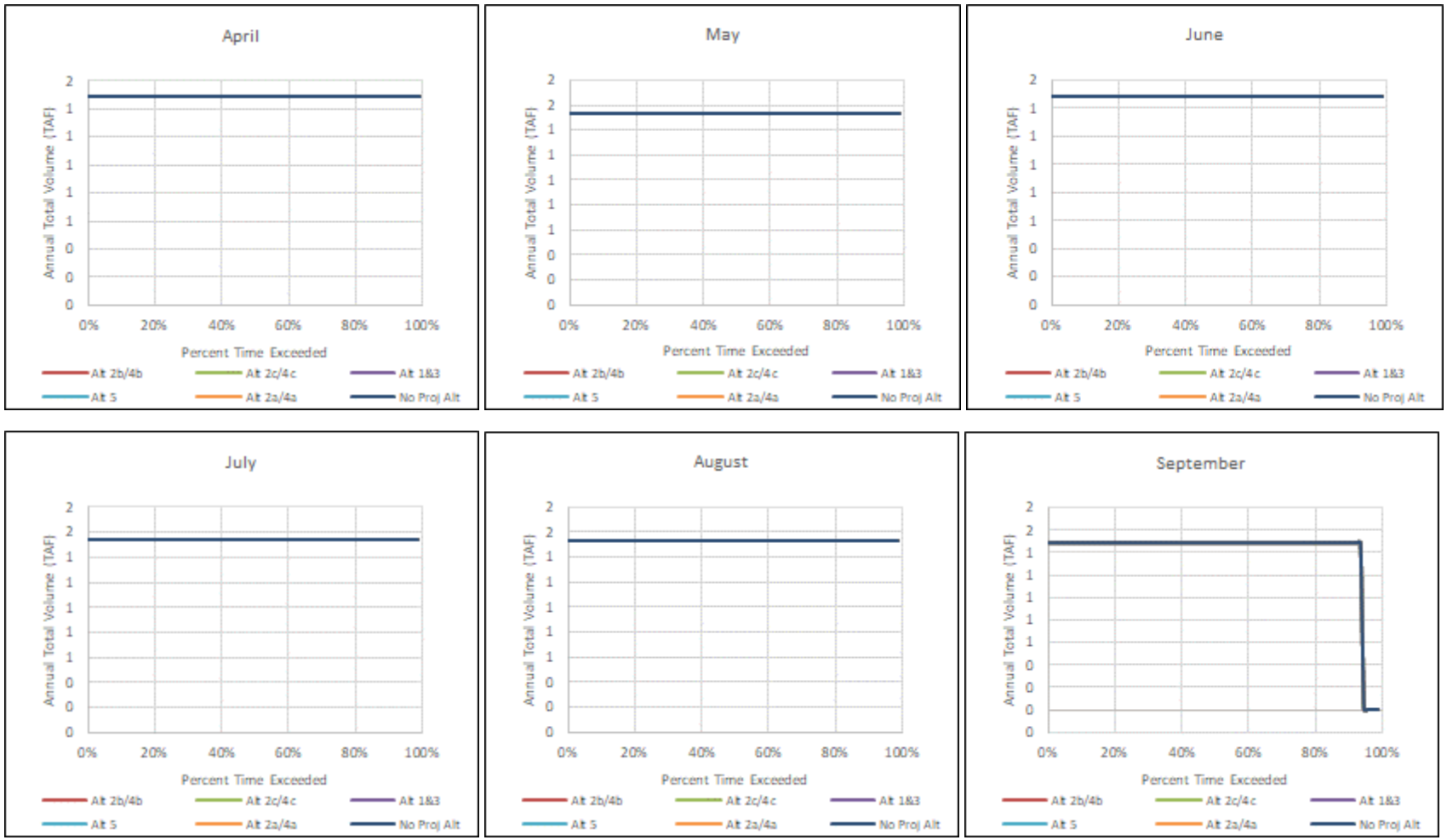


Table 5A-B5.4.18.1-A. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2	1	2	2	1	2	1	2	1	2	2	1
20%	2	1	2	2	1	2	1	2	1	2	2	1
30%	2	1	2	2	1	2	1	2	1	2	2	1
40%	2	1	2	2	1	2	1	2	1	2	2	1
50%	2	1	2	2	1	2	1	2	1	2	2	1
60%	0	0	0	2	1	2	1	2	1	2	2	1
70%	0	0	0	0	1	2	1	2	1	2	2	1
80%	0	0	0	0	1	2	1	2	1	2	2	1
90%	0	0	0	0	1	2	1	2	1	2	2	1

Table 5A-B5.4.18.1-B. City of Antioch Monthly Volumes (D_SJR006_ANTOC), End-of-Month Storage (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	1	1	1	1	2	1	2	1	2	2	1
Wet Water Years	1	1	1	1	1	2	1	2	1	2	2	1
Above Normal Water Years	1	1	1	1	1	2	1	2	1	2	2	1
Below Normal Water Years	1	1	1	1	1	2	1	2	1	2	2	1
Dry Water Years	1	1	0	1	1	2	1	2	1	2	2	1
Critical Water Years	1	0	0	0	1	2	1	2	1	2	2	1

Table 5A-B5.4.18.1-C. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2	1	2	2	1	2	1	2	1	2	2	1
20%	2	1	2	2	1	2	1	2	1	2	2	1
30%	2	1	2	2	1	2	1	2	1	2	2	1
40%	2	1	2	2	1	2	1	2	1	2	2	1
50%	2	1	2	2	1	2	1	2	1	2	2	1
60%	0	0	0	2	1	2	1	2	1	2	2	1
70%	0	0	0	0	1	2	1	2	1	2	2	1
80%	0	0	0	0	1	2	1	2	1	2	2	1
90%	0	0	0	0	1	2	1	2	1	2	2	1

Table 5A-B5.4.18.1-D. City of Antioch Monthly Volumes (D_SJR006_ANTOC), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	1	1	1	1	2	1	2	1	2	2	1
Wet Water Years	1	1	1	1	1	2	1	2	1	2	2	1
Above Normal Water Years	1	1	1	1	1	2	1	2	1	2	2	1
Below Normal Water Years	1	1	1	1	1	2	1	2	1	2	2	1
Dry Water Years	1	1	0	1	1	2	1	2	1	2	2	1
Critical Water Years	1	0	0	0	1	2	1	2	1	2	2	1

Table 5A-B5.4.18.1-E. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.18.1-F. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.18.2-A. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2	1	2	2	1	2	1	2	1	2	2	1
20%	2	1	2	2	1	2	1	2	1	2	2	1
30%	2	1	2	2	1	2	1	2	1	2	2	1
40%	2	1	2	2	1	2	1	2	1	2	2	1
50%	2	1	2	2	1	2	1	2	1	2	2	1
60%	0	0	0	2	1	2	1	2	1	2	2	1
70%	0	0	0	0	1	2	1	2	1	2	2	1
80%	0	0	0	0	1	2	1	2	1	2	2	1
90%	0	0	0	0	1	2	1	2	1	2	2	1

Table 5A-B5.4.18.2-B. City of Antioch Monthly Volumes (D_SJR006_ANTOC), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	1	1	1	1	2	1	2	1	2	2	1
Wet Water Years	1	1	1	1	1	2	1	2	1	2	2	1
Above Normal Water Years	1	1	1	1	1	2	1	2	1	2	2	1
Below Normal Water Years	1	1	1	1	1	2	1	2	1	2	2	1
Dry Water Years	1	1	0	1	1	2	1	2	1	2	2	1
Critical Water Years	1	0	0	0	1	2	1	2	1	2	2	1

Table 5A-B5.4.18.2-C. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.18.2-D. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.18.3-A. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2	1	2	2	1	2	1	2	1	2	2	1
20%	2	1	2	2	1	2	1	2	1	2	2	1
30%	2	1	2	2	1	2	1	2	1	2	2	1
40%	2	1	2	2	1	2	1	2	1	2	2	1
50%	2	1	2	2	1	2	1	2	1	2	2	1
60%	0	0	0	2	1	2	1	2	1	2	2	1
70%	0	0	0	0	1	2	1	2	1	2	2	1
80%	0	0	0	0	1	2	1	2	1	2	2	1
90%	0	0	0	0	1	2	1	2	1	2	2	1

Table 5A-B5.4.18.3-B. City of Antioch Monthly Volumes (D_SJR006_ANTOC), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	1	1	1	1	2	1	2	1	2	2	1
Wet Water Years	1	1	1	1	1	2	1	2	1	2	2	1
Above Normal Water Years	1	1	1	1	1	2	1	2	1	2	2	1
Below Normal Water Years	1	1	1	1	1	2	1	2	1	2	2	1
Dry Water Years	1	1	0	1	1	2	1	2	1	2	2	1
Critical Water Years	1	0	0	0	1	2	1	2	1	2	2	1

Table 5A-B5.4.18.3-C. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.18.3-D. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.18.4-A. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2	1	2	2	1	2	1	2	1	2	2	1
20%	2	1	2	2	1	2	1	2	1	2	2	1
30%	2	1	2	2	1	2	1	2	1	2	2	1
40%	2	1	2	2	1	2	1	2	1	2	2	1
50%	2	1	2	2	1	2	1	2	1	2	2	1
60%	0	0	0	2	1	2	1	2	1	2	2	1
70%	0	0	0	0	1	2	1	2	1	2	2	1
80%	0	0	0	0	1	2	1	2	1	2	2	1
90%	0	0	0	0	1	2	1	2	1	2	2	1

Table 5A-B5.4.18.4-B. City of Antioch Monthly Volumes (D_SJR006_ANTOC), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	1	1	1	1	2	1	2	1	2	2	1
Wet Water Years	1	1	1	1	1	2	1	2	1	2	2	1
Above Normal Water Years	1	1	1	1	1	2	1	2	1	2	2	1
Below Normal Water Years	1	1	1	1	1	2	1	2	1	2	2	1
Dry Water Years	1	1	0	1	1	2	1	2	1	2	2	1
Critical Water Years	1	0	0	0	1	2	1	2	1	2	2	1

Table 5A-B5.4.18.4-C. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.18.4-D. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.18.5-A. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2	1	2	2	1	2	1	2	1	2	2	1
20%	2	1	2	2	1	2	1	2	1	2	2	1
30%	2	1	2	2	1	2	1	2	1	2	2	1
40%	2	1	2	2	1	2	1	2	1	2	2	1
50%	2	1	2	2	1	2	1	2	1	2	2	1
60%	0	0	0	2	1	2	1	2	1	2	2	1
70%	0	0	0	0	1	2	1	2	1	2	2	1
80%	0	0	0	0	1	2	1	2	1	2	2	1
90%	0	0	0	0	1	2	1	2	1	2	2	1

Table 5A-B5.4.18.5-B. City of Antioch Monthly Volumes (D_SJR006_ANTOC), End-of-Month Storage (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	1	1	1	1	2	1	2	1	2	2	1
Wet Water Years	1	1	1	1	1	2	1	2	1	2	2	1
Above Normal Water Years	1	1	1	1	1	2	1	2	1	2	2	1
Below Normal Water Years	1	1	1	1	1	2	1	2	1	2	2	1
Dry Water Years	1	1	0	1	1	2	1	2	1	2	2	1
Critical Water Years	1	0	0	0	1	2	1	2	1	2	2	1

Table 5A-B5.4.18.5-C. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.4.18.5-D. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

B.5 Water Supply Results

B.5.1 CVP North of Delta Agricultural Water Service Contract Deliveries

Figure 5A-B5.5.1.1-A. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Probability of Exceedance for No Project Alternative, October to March

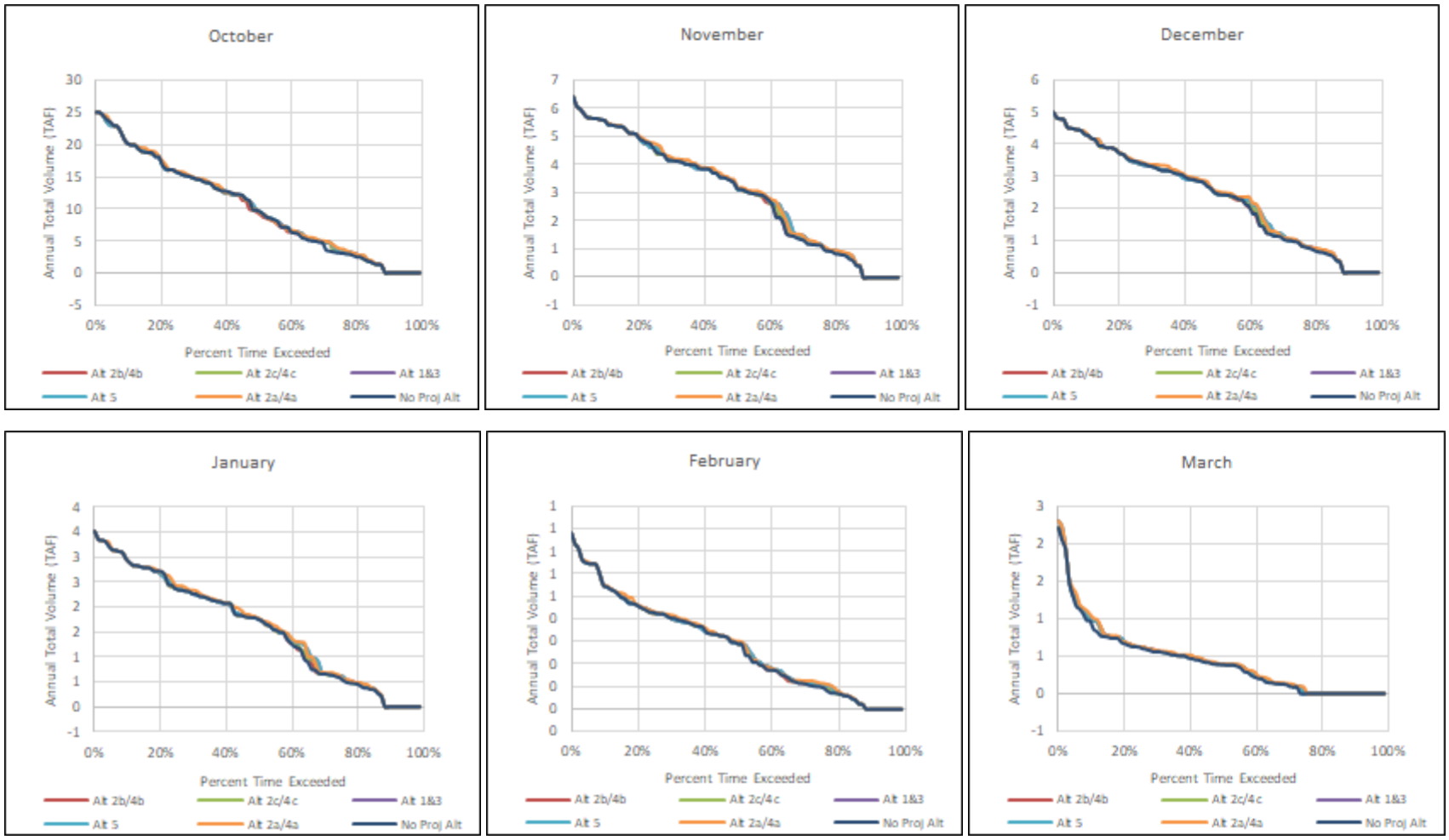


Figure 5A-B5.5.1.1-B. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Probability of Exceedance for No Project Alternative, April to September

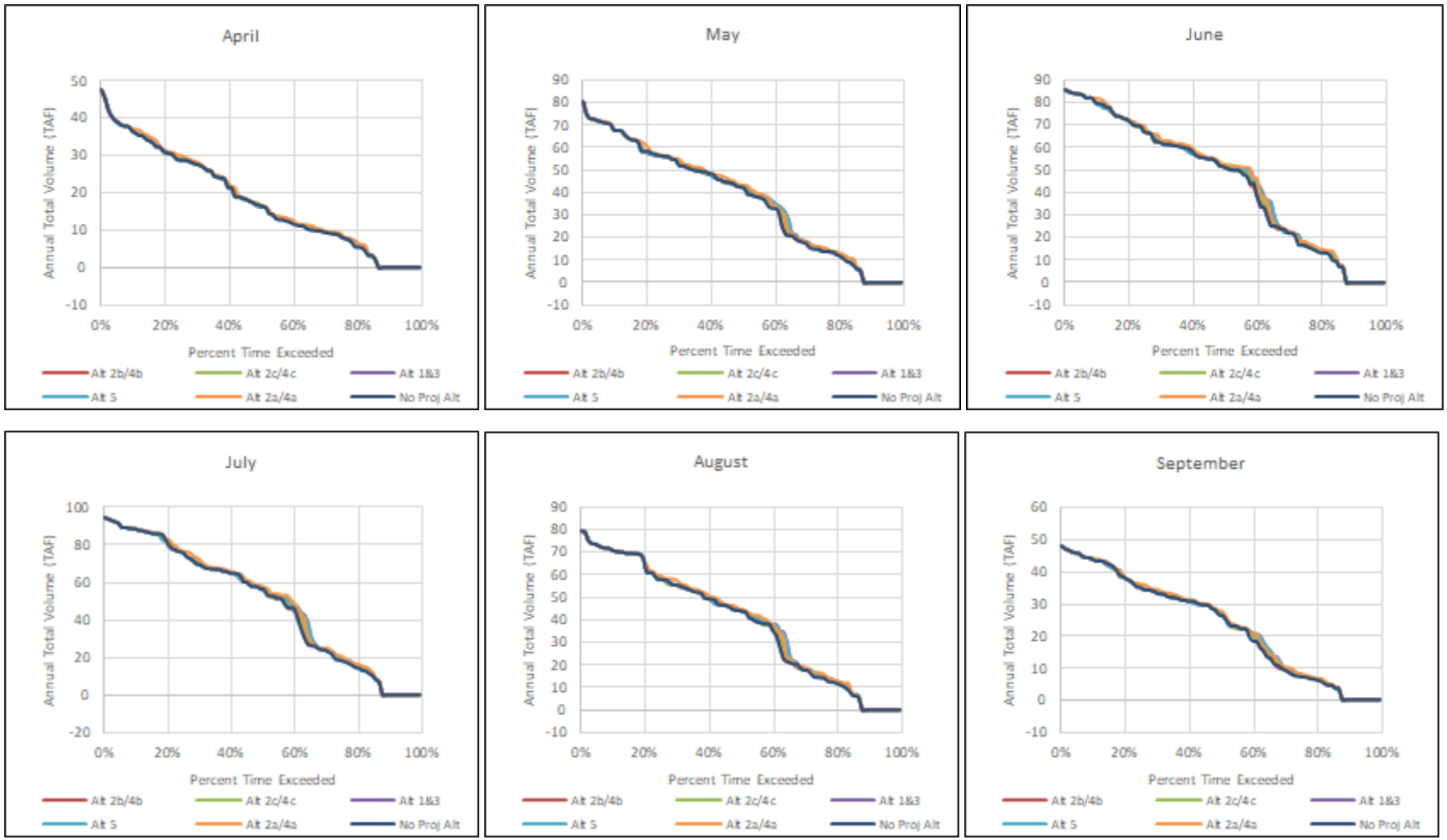


Table 5A-B5.5.1.1-A. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Exceedance Probabilities for Annual Volume (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	20	6	4	3	1	1	36	68	80	88	71	44
20%	17	5	4	3	0	1	31	58	72	81	64	38
30%	15	4	3	2	0	1	28	52	62	70	56	33
40%	13	4	3	2	0	0	21	48	58	65	50	31
50%	10	3	2	2	0	0	16	42	51	57	44	27
60%	7	3	2	1	0	0	12	33	39	46	36	19
70%	5	1	1	1	0	0	9	17	22	24	18	9
80%	3	1	1	0	0	0	5	12	13	14	12	6
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.1.1-B. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Annual Volume (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10	3	2	2	0	0	18	37	44	49	39	23
Wet Water Years	11	3	3	2	0	1	28	59	70	78	63	38
Above Normal Water Years	13	4	3	2	0	1	34	55	65	72	57	35
Below Normal Water Years	12	3	2	2	0	0	14	31	38	42	33	19
Dry Water Years	10	3	2	2	0	0	8	14	17	19	15	9
Critical Water Years	4	1	1	1	0	0	0	1	1	1	1	0

Table 5A-B5.5.1.1-C. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	20	6	4	3	1	1	36	68	79	88	71	44
20%	17	5	4	3	0	1	31	58	72	80	64	38
30%	15	4	3	2	0	1	28	52	62	70	56	34
40%	12	4	3	2	0	1	21	48	58	65	50	31
50%	9	3	2	2	0	0	16	42	51	56	44	27
60%	6	3	2	1	0	0	12	34	39	45	36	21
70%	5	1	1	1	0	0	10	17	22	24	18	9
80%	3	1	1	0	0	0	7	13	14	15	13	6
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.1.1-D. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10	3	2	2	0	0	18	37	44	49	39	23
Wet Water Years	11	3	3	2	0	1	28	59	70	78	63	38
Above Normal Water Years	13	4	3	2	0	1	34	55	65	72	57	35
Below Normal Water Years	12	3	2	2	0	0	14	32	38	42	33	19
Dry Water Years	9	3	2	1	0	0	8	15	18	19	15	9
Critical Water Years	4	1	1	1	0	0	0	1	1	1	1	0

Table 5A-B5.5.1.1-E. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	-1	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	1
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	1	0	-1	0	2
70%	0	0	0	0	0	0	0	0	0	0	1	0
80%	0	0	0	0	0	0	1	1	1	1	1	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.1.1-F. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	1	1	1	1	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.1.2-A. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	20	6	4	3	1	1	36	68	79	88	71	44
20%	17	5	4	3	0	1	31	58	72	80	64	38
30%	15	4	3	2	0	1	28	52	62	70	56	34
40%	12	4	3	2	0	0	21	48	58	65	50	31
50%	10	3	2	2	0	0	16	42	51	56	44	27
60%	7	3	2	1	0	0	12	34	42	46	38	21
70%	5	1	1	1	0	0	10	18	22	24	18	10
80%	3	1	1	0	0	0	7	12	14	15	12	6
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.1.2-B. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10	3	2	2	0	0	18	37	44	49	39	23
Wet Water Years	11	3	3	2	0	1	28	59	70	78	63	38
Above Normal Water Years	13	4	3	2	0	1	34	55	65	72	57	35
Below Normal Water Years	12	3	2	2	0	0	14	32	39	43	34	19
Dry Water Years	10	3	2	2	0	0	8	14	18	19	15	9
Critical Water Years	4	1	1	1	0	0	0	1	1	1	1	0

Table 5A-B5.5.1.2-C. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	-1	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	1
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	1	2	0	2	2
70%	0	0	0	0	0	0	0	1	0	0	0	0
80%	0	0	0	0	0	0	1	0	1	1	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.1.2-D. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	1	1	1	1	0
Dry Water Years	0	0	0	0	0	0	0	0	1	1	1	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.1.3-A. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	20	6	4	3	1	1	36	68	79	88	71	44
20%	17	5	4	3	0	1	31	58	72	82	64	38
30%	15	4	3	2	0	1	28	52	62	70	56	33
40%	12	4	3	2	0	1	21	48	57	65	49	31
50%	10	3	2	2	0	0	16	43	51	56	44	27
60%	7	3	2	1	0	0	12	35	45	47	38	21
70%	5	1	1	1	0	0	10	18	22	24	18	10
80%	3	1	1	0	0	0	7	12	14	15	12	6
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.1.3-B. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10	3	2	2	0	0	18	37	45	50	39	24
Wet Water Years	11	3	3	2	0	1	28	59	70	78	63	38
Above Normal Water Years	13	4	3	2	0	1	34	55	65	72	57	35
Below Normal Water Years	12	3	2	2	0	0	14	33	40	44	35	20
Dry Water Years	10	3	2	2	0	0	8	15	18	19	15	9
Critical Water Years	4	1	1	1	0	0	0	1	1	1	1	0

Table 5A-B5.5.1.3-C. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	1	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	-1	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	2	5	1	3	2
70%	0	0	0	0	0	0	0	1	0	0	0	0
80%	0	0	0	0	0	0	1	0	1	1	1	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.1.3-D. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	1	1	1	1	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	2	2	2	2	1
Dry Water Years	0	0	0	0	0	0	0	1	1	1	1	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.1.4-A. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	20	6	4	3	1	1	37	68	82	89	71	44
20%	18	5	4	3	0	1	31	61	72	83	66	38
30%	15	4	3	2	0	1	28	55	63	72	58	35
40%	13	4	3	2	0	1	22	48	60	66	51	31
50%	10	3	3	2	0	0	17	43	52	58	45	28
60%	7	3	2	1	0	0	13	34	46	49	38	21
70%	5	2	1	1	0	0	10	18	23	25	19	10
80%	3	1	1	0	0	0	7	13	15	16	13	7
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.1.4-B. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10	3	2	2	0	0	19	38	45	50	40	24
Wet Water Years	11	3	3	2	0	1	28	59	71	79	63	38
Above Normal Water Years	13	4	3	2	0	1	35	57	67	74	58	36
Below Normal Water Years	12	3	3	2	0	0	14	33	40	44	35	20
Dry Water Years	10	3	2	2	0	0	9	15	19	20	16	10
Critical Water Years	4	1	1	1	0	0	0	1	1	1	1	0

Table 5A-B5.5.1.4-C. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	1	0	2	0	0	0
20%	0	0	0	0	0	0	1	2	0	2	2	0
30%	0	0	0	0	0	0	1	3	1	3	2	1
40%	0	0	0	0	0	0	1	0	2	1	1	0
50%	0	0	0	0	0	0	0	1	1	1	1	1
60%	0	0	0	0	0	0	1	1	7	3	2	2
70%	0	0	0	0	0	0	0	1	1	1	1	1
80%	0	0	0	0	0	0	1	1	2	2	1	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.1.4-D. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	1	1	1	1	1
Wet Water Years	0	0	0	0	0	0	0	1	1	1	1	0
Above Normal Water Years	1	0	0	0	0	0	1	2	2	2	1	1
Below Normal Water Years	0	0	0	0	0	0	1	2	2	2	2	1
Dry Water Years	0	0	0	0	0	0	1	1	2	2	2	1
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.1.5-A. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	20	6	4	3	1	1	36	68	79	88	71	44
20%	17	5	4	3	0	1	31	58	72	82	64	38
30%	15	4	3	2	0	1	28	52	62	70	56	33
40%	12	4	3	2	0	1	21	48	57	65	49	31
50%	10	3	2	2	0	0	16	43	51	56	44	27
60%	7	3	2	1	0	0	12	35	45	47	38	21
70%	5	1	1	1	0	0	10	18	22	24	18	10
80%	3	1	1	0	0	0	7	12	14	15	12	6
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.1.5-B. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Annual Volume (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10	3	2	2	0	0	18	37	45	50	39	24
Wet Water Years	11	3	3	2	0	1	28	59	70	78	63	38
Above Normal Water Years	13	4	3	2	0	1	34	55	65	72	57	35
Below Normal Water Years	12	3	2	2	0	0	14	33	40	44	34	20
Dry Water Years	10	3	2	2	0	0	8	15	18	19	15	9
Critical Water Years	4	1	1	1	0	0	0	1	1	1	1	0

Table 5A-B5.5.1.5-C. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	1	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	-1	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	2	5	1	3	2
70%	0	0	0	0	0	0	0	1	0	0	0	0
80%	0	0	0	0	0	0	1	0	1	1	1	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.1.5-D. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	1	1	1	1	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	2	2	2	2	1
Dry Water Years	0	0	0	0	0	0	0	1	1	1	1	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

B.5.2 CVP North of Delta M&I Water Service Contract Deliveries (including American River)

Figure 5A-B5.5.2.1-A. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Probability of Exceedance for No Project Alternative, October to March

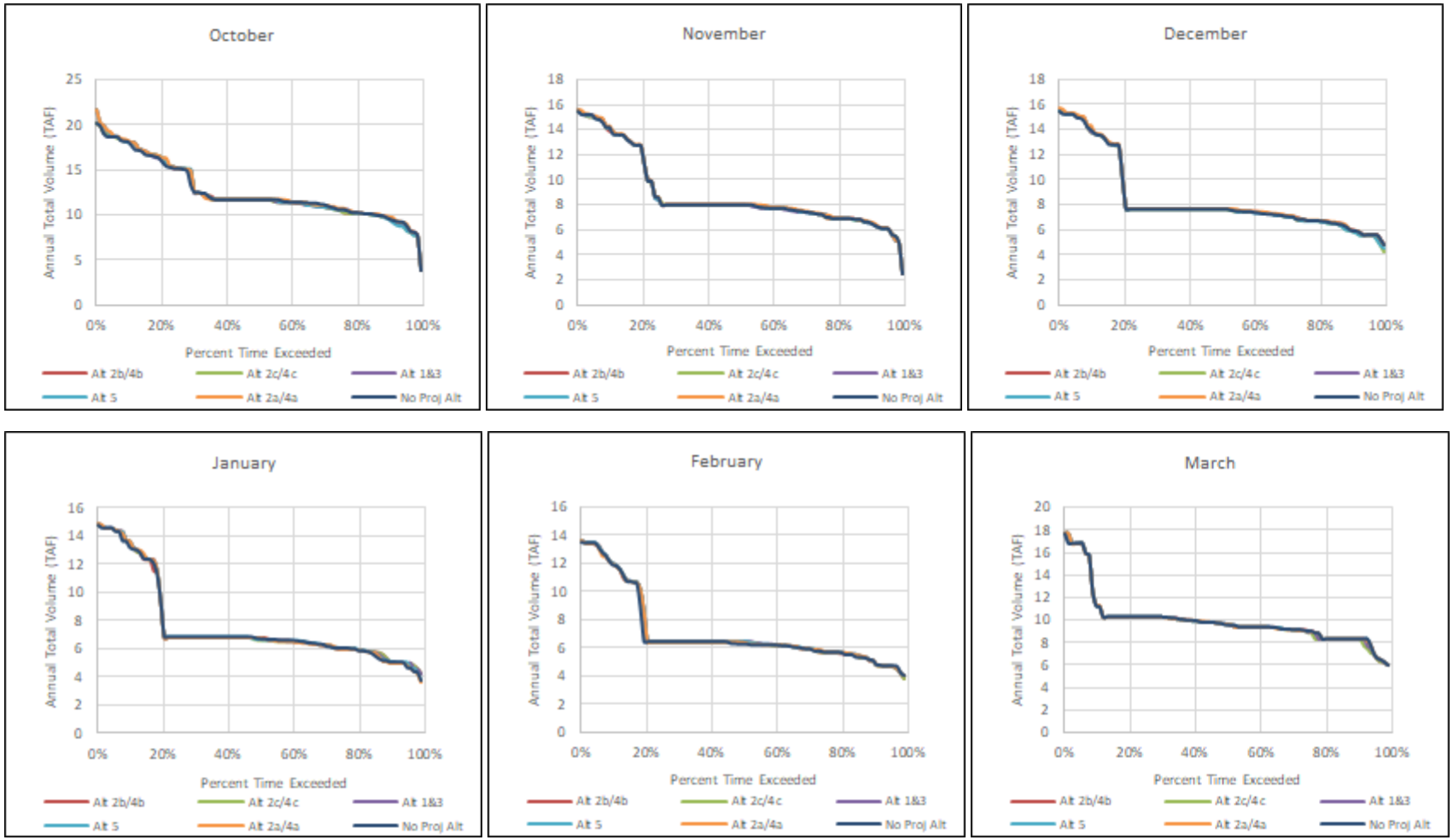


Figure 5A-B5.5.2.1-B. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Probability of Exceedance for No Project Alternative, April to September

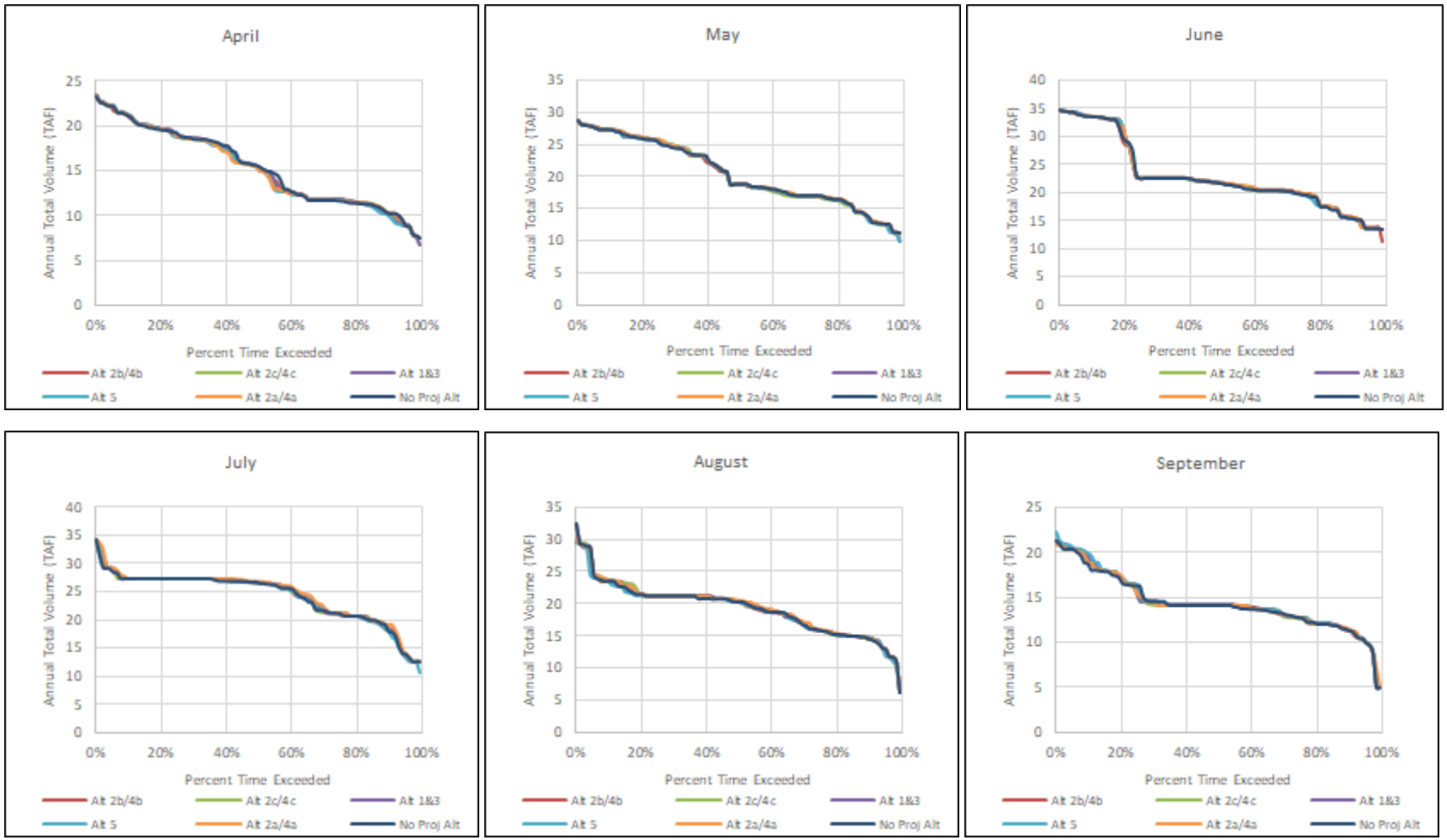


Table 5A-B5.5.2.1-A. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Exceedance Probabilities for Annual Volume (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	18	14	14	13	12	11	21	27	33	27	24	19
20%	16	12	9	8	6	10	20	26	29	27	22	17
30%	13	8	8	7	6	10	19	24	23	27	21	15
40%	12	8	8	7	6	10	18	23	23	27	21	14
50%	12	8	8	7	6	10	16	19	22	27	20	14
60%	12	8	7	7	6	9	13	18	21	26	19	14
70%	11	7	7	6	6	9	12	17	20	22	17	13
80%	10	7	7	6	6	8	11	16	19	21	15	12
90%	10	7	6	5	5	8	10	14	16	18	15	11

Table 5A-B5.5.2.1-B. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Annual Volume (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13	9	8	8	7	10	15	20	23	24	19	14
Wet Water Years	13	9	8	7	7	10	18	24	28	27	22	15
Above Normal Water Years	12	8	8	7	6	10	19	22	23	27	20	14
Below Normal Water Years	12	9	8	8	7	9	14	19	20	23	17	13
Dry Water Years	14	10	10	9	8	10	12	18	20	23	19	16
Critical Water Years	13	9	8	7	7	11	13	16	17	19	17	14

Table 5A-B5.5.2.1-C. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	18	14	14	14	12	11	21	27	33	27	24	19
20%	16	12	9	8	7	10	20	26	29	27	22	17
30%	13	8	8	7	6	10	19	25	23	27	21	15
40%	12	8	8	7	6	10	17	22	22	27	21	14
50%	12	8	8	7	6	10	15	19	22	27	20	14
60%	11	8	7	7	6	9	13	18	20	26	19	14
70%	11	7	7	6	6	9	12	17	20	22	17	13
80%	10	7	7	6	6	8	11	16	18	21	15	12
90%	10	7	6	5	5	8	10	14	16	19	15	11

Table 5A-B5.5.2.1-D. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13	9	8	8	7	10	15	20	23	24	19	14
Wet Water Years	13	9	8	7	7	10	18	24	28	27	22	15
Above Normal Water Years	12	8	8	7	6	10	19	22	23	27	20	14
Below Normal Water Years	12	9	8	8	7	9	14	19	21	23	17	13
Dry Water Years	13	10	10	9	8	10	12	18	20	23	19	16
Critical Water Years	13	9	8	7	7	11	13	17	16	20	17	14

Table 5A-B5.5.2.1-E. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	1	0	0	0	-1	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	-1	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.2.1-F. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.2.2-A. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	18	14	14	14	12	11	21	27	33	27	24	19
20%	16	12	9	8	7	10	20	26	30	27	21	17
30%	13	8	8	7	6	10	19	25	23	27	21	14
40%	12	8	8	7	6	10	17	23	22	27	21	14
50%	12	8	8	7	6	10	15	19	22	27	20	14
60%	11	8	7	7	6	9	12	18	21	25	19	14
70%	11	7	7	6	6	9	12	17	20	21	17	13
80%	10	7	7	6	6	8	11	16	18	21	15	12
90%	10	7	6	5	5	8	10	14	16	19	15	11

Table 5A-B5.5.2.2-B. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13	9	8	8	7	10	15	20	23	24	19	14
Wet Water Years	13	9	8	7	7	10	18	24	28	27	22	14
Above Normal Water Years	12	8	8	7	6	10	19	22	23	27	20	14
Below Normal Water Years	12	9	8	8	7	9	14	19	21	23	17	13
Dry Water Years	13	10	10	9	8	10	12	18	20	23	19	16
Critical Water Years	13	9	8	7	7	11	13	16	17	19	17	14

Table 5A-B5.5.2.2-C. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	1	0	0	0	1	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.2.2-D. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.2.3-A. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	18	14	14	14	12	11	21	27	33	27	24	19
20%	16	12	9	8	7	10	20	26	30	27	21	17
30%	13	8	8	7	6	10	19	25	23	27	21	15
40%	12	8	8	7	6	10	17	23	23	27	21	14
50%	12	8	8	7	6	10	15	19	22	27	20	14
60%	11	8	7	7	6	9	12	18	21	26	19	14
70%	11	7	7	6	6	9	12	17	20	22	17	13
80%	10	7	7	6	6	8	11	16	19	21	15	12
90%	10	7	6	5	5	8	10	14	16	19	15	11

Table 5A-B5.5.2.3-B. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13	9	8	8	7	10	15	20	23	24	19	14
Wet Water Years	13	9	8	8	7	10	18	24	28	27	22	15
Above Normal Water Years	12	8	8	7	6	10	19	22	23	26	20	14
Below Normal Water Years	12	9	8	8	7	9	14	19	21	23	17	14
Dry Water Years	14	10	10	9	8	10	12	18	20	23	19	16
Critical Water Years	13	9	8	7	7	11	13	16	17	19	17	14

Table 5A-B5.5.2.3-C. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	1
20%	0	0	0	0	1	0	0	0	1	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.2.3-D. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.2.4-A. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	18	14	14	14	12	11	21	27	33	27	24	19
20%	16	12	9	8	7	10	20	26	30	27	22	17
30%	13	8	8	7	6	10	19	25	23	27	21	15
40%	12	8	8	7	6	10	17	23	22	27	21	14
50%	12	8	8	7	6	10	15	19	22	27	21	14
60%	12	8	7	7	6	9	13	18	21	26	19	14
70%	11	8	7	6	6	9	12	17	20	23	17	13
80%	10	7	7	6	6	8	12	16	19	21	15	12
90%	10	7	6	5	5	8	10	14	16	19	15	12

Table 5A-B5.5.2.4-B. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13	9	8	8	7	10	15	20	23	25	20	14
Wet Water Years	13	9	8	7	7	10	18	24	28	27	22	15
Above Normal Water Years	12	8	8	7	6	10	19	22	24	27	20	14
Below Normal Water Years	12	9	8	8	7	9	14	19	20	24	18	14
Dry Water Years	14	10	10	9	8	10	12	18	20	24	19	16
Critical Water Years	13	9	8	7	7	11	13	17	16	20	17	15

Table 5A-B5.5.2.4-C. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	1	0	0	0	1	0	0	1
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	-1	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	1	1	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	1	0	0

Table 5A-B5.5.2.4-D. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	1	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.2.5-A. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	18	14	14	14	12	11	21	27	33	27	23	20
20%	16	12	9	8	7	10	20	26	30	27	21	17
30%	13	8	8	7	6	10	19	25	23	27	21	15
40%	12	8	8	7	6	10	17	23	22	27	21	14
50%	12	8	8	7	6	10	15	19	22	27	20	14
60%	11	8	7	7	6	9	12	18	21	25	19	14
70%	11	7	7	6	6	9	12	17	20	22	17	13
80%	10	7	7	6	6	8	11	16	18	21	15	12
90%	10	7	6	5	5	8	10	13	15	18	15	11

Table 5A-B5.5.2.5-B. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Annual Volume (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13	9	8	8	7	10	15	20	23	24	19	14
Wet Water Years	13	9	8	7	7	10	18	24	28	27	22	15
Above Normal Water Years	12	8	8	7	6	10	19	22	23	26	20	14
Below Normal Water Years	12	9	8	8	7	9	13	19	20	23	17	14
Dry Water Years	14	10	10	9	8	10	12	18	20	23	19	16
Critical Water Years	13	9	8	7	7	11	13	16	16	20	17	14

Table 5A-B5.5.2.5-C. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	1
20%	0	0	0	0	1	0	0	0	1	0	0	1
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	-1	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	-1	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.2.5-D. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	-1	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

B.5.3 CVP North of Delta CVP Refuge Level 2 Deliveries

Figure 5A-B5.5.3.1-A. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Probability of Exceedance for No Project Alternative, October to March

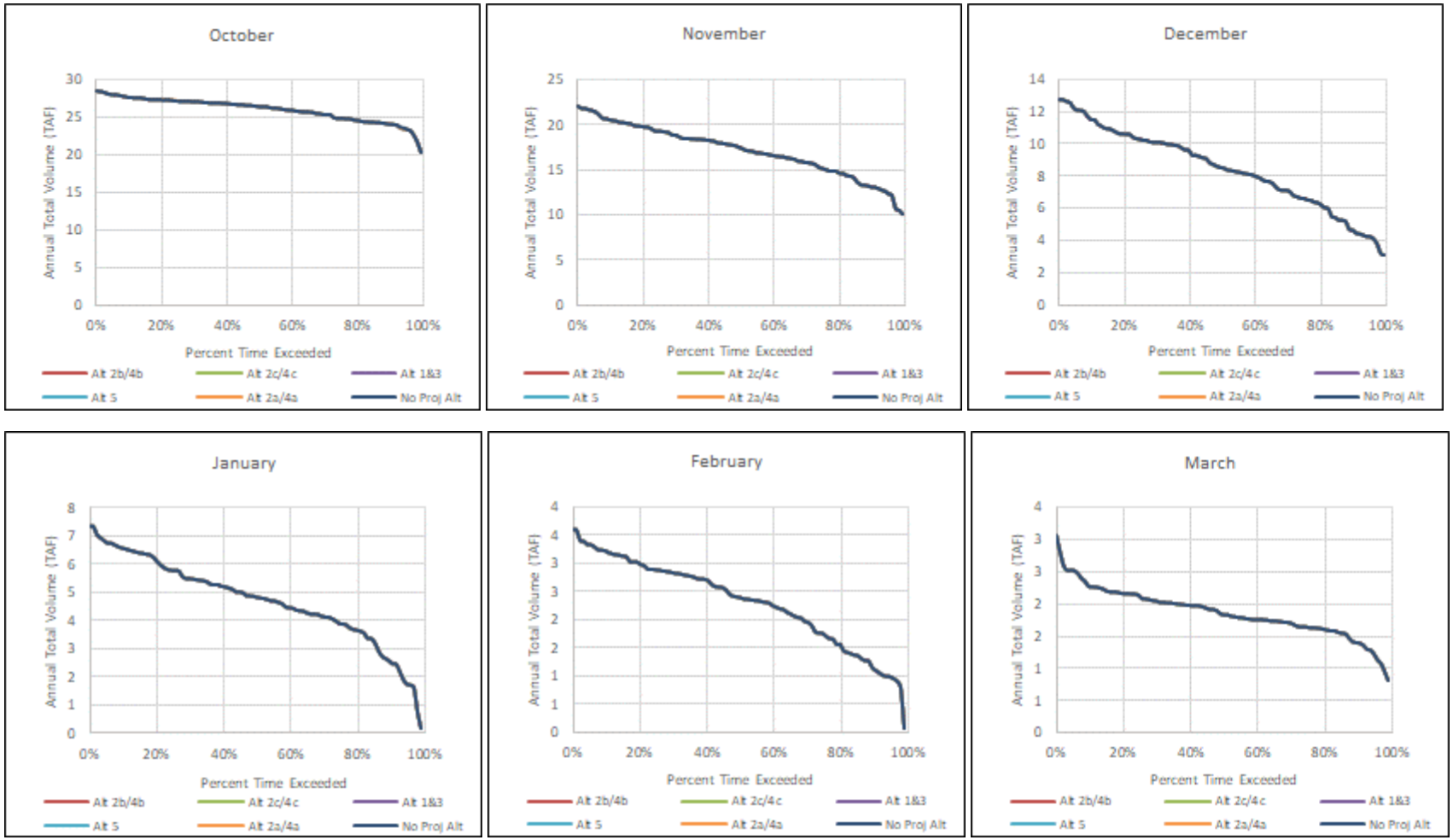


Figure 5A-B5.5.3.1-B. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Probability of Exceedance for No Project Alternative, April to September

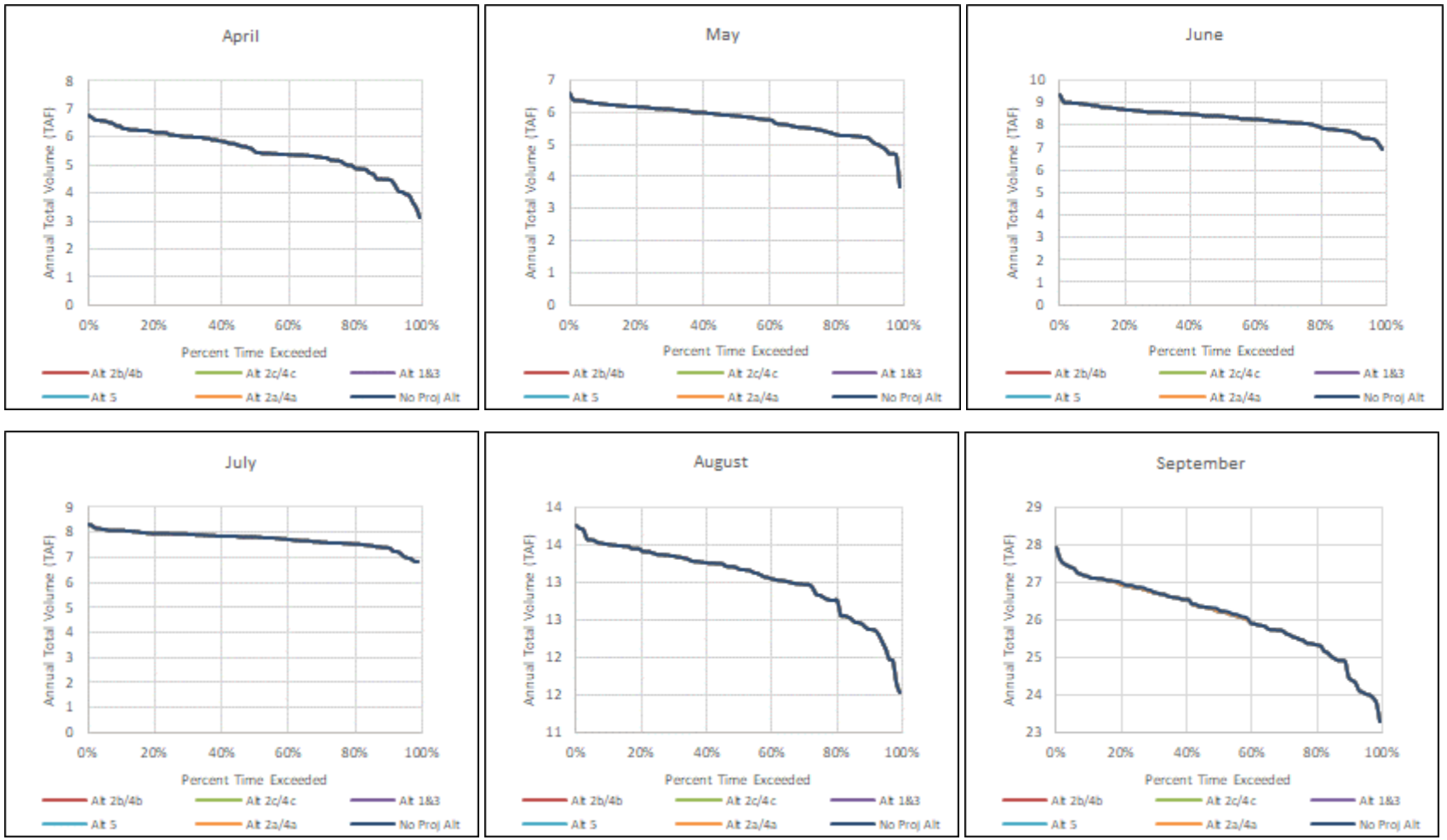


Table 5A-B5.5.3.1-A. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Exceedance Probabilities for Annual Volume (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	28	20	12	7	3	2	6	6	9	8	13	27
20%	27	20	11	6	3	2	6	6	9	8	13	27
30%	27	19	10	5	3	2	6	6	9	8	13	27
40%	27	18	10	5	3	2	6	6	9	8	13	27
50%	26	17	9	5	2	2	6	6	8	8	13	26
60%	26	17	8	4	2	2	5	6	8	8	13	26
70%	25	16	7	4	2	2	5	6	8	8	13	26
80%	25	15	6	4	2	2	5	5	8	8	13	25
90%	24	13	5	3	1	1	4	5	8	7	12	25

Table 5A-B5.5.3.1-B. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Annual Volume (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	26	17	8	5	2	2	6	6	8	8	13	26
Wet Water Years	26	16	7	4	2	2	5	6	8	8	13	26
Above Normal Water Years	26	16	8	4	2	2	6	6	8	8	13	26
Below Normal Water Years	26	17	9	5	2	2	6	6	9	8	13	26
Dry Water Years	26	18	9	5	2	2	6	6	9	8	13	27
Critical Water Years	26	19	10	6	2	2	6	6	8	7	12	25

Table 5A-B5.5.3.1-C. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	28	20	12	7	3	2	6	6	9	8	13	27
20%	27	20	11	6	3	2	6	6	9	8	13	27
30%	27	19	10	5	3	2	6	6	9	8	13	27
40%	27	18	10	5	3	2	6	6	9	8	13	27
50%	26	17	9	5	2	2	6	6	8	8	13	26
60%	26	17	8	4	2	2	5	6	8	8	13	26
70%	25	16	7	4	2	2	5	6	8	8	13	26
80%	25	15	6	4	2	2	5	5	8	8	13	25
90%	24	13	5	3	1	1	4	5	8	7	12	25

Table 5A-B5.5.3.1-D. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	26	17	8	5	2	2	6	6	8	8	13	26
Wet Water Years	26	16	7	4	2	2	5	6	8	8	13	26
Above Normal Water Years	26	16	8	4	2	2	6	6	8	8	13	26
Below Normal Water Years	26	17	9	5	2	2	6	6	9	8	13	26
Dry Water Years	26	18	9	5	2	2	6	6	9	8	13	27
Critical Water Years	26	19	10	6	2	2	6	6	8	7	12	25

Table 5A-B5.5.3.1-E. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.3.1-F. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.3.2-A. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	28	20	12	7	3	2	6	6	9	8	13	27
20%	27	20	11	6	3	2	6	6	9	8	13	27
30%	27	19	10	5	3	2	6	6	9	8	13	27
40%	27	18	10	5	3	2	6	6	9	8	13	27
50%	26	17	9	5	2	2	6	6	8	8	13	26
60%	26	17	8	4	2	2	5	6	8	8	13	26
70%	25	16	7	4	2	2	5	6	8	8	13	26
80%	25	15	6	4	2	2	5	5	8	8	13	25
90%	24	13	5	3	1	1	4	5	8	7	12	25

Table 5A-B5.5.3.2-B. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	26	17	8	5	2	2	6	6	8	8	13	26
Wet Water Years	26	16	7	4	2	2	5	6	8	8	13	26
Above Normal Water Years	26	16	8	4	2	2	6	6	8	8	13	26
Below Normal Water Years	26	17	9	5	2	2	6	6	9	8	13	26
Dry Water Years	26	18	9	5	2	2	6	6	9	8	13	27
Critical Water Years	26	19	10	6	2	2	6	6	8	7	12	25

Table 5A-B5.5.3.2-C. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.3.2-D. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.3.3-A. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	28	20	12	7	3	2	6	6	9	8	13	27
20%	27	20	11	6	3	2	6	6	9	8	13	27
30%	27	19	10	5	3	2	6	6	9	8	13	27
40%	27	18	10	5	3	2	6	6	9	8	13	27
50%	26	17	9	5	2	2	6	6	8	8	13	26
60%	26	17	8	4	2	2	5	6	8	8	13	26
70%	25	16	7	4	2	2	5	6	8	8	13	26
80%	25	15	6	4	2	2	5	5	8	8	13	25
90%	24	13	5	3	1	1	4	5	8	7	12	25

Table 5A-B5.5.3.3-B. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	26	17	8	5	2	2	6	6	8	8	13	26
Wet Water Years	26	16	7	4	2	2	5	6	8	8	13	26
Above Normal Water Years	26	16	8	4	2	2	6	6	8	8	13	26
Below Normal Water Years	26	17	9	5	2	2	6	6	9	8	13	26
Dry Water Years	26	18	9	5	2	2	6	6	9	8	13	27
Critical Water Years	26	19	10	6	2	2	6	6	8	7	12	25

Table 5A-B5.5.3.3-C. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.3.3-D. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.3.4-A. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	28	20	12	7	3	2	6	6	9	8	13	27
20%	27	20	11	6	3	2	6	6	9	8	13	27
30%	27	19	10	5	3	2	6	6	9	8	13	27
40%	27	18	10	5	3	2	6	6	9	8	13	27
50%	26	17	9	5	2	2	6	6	8	8	13	26
60%	26	17	8	4	2	2	5	6	8	8	13	26
70%	25	16	7	4	2	2	5	6	8	8	13	26
80%	25	15	6	4	2	2	5	5	8	8	13	25
90%	24	13	5	3	1	1	4	5	8	7	12	25

Table 5A-B5.5.3.4-B. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	26	17	8	5	2	2	6	6	8	8	13	26
Wet Water Years	26	16	7	4	2	2	5	6	8	8	13	26
Above Normal Water Years	26	16	8	4	2	2	6	6	8	8	13	26
Below Normal Water Years	26	17	9	5	2	2	6	6	9	8	13	26
Dry Water Years	26	18	9	5	2	2	6	6	9	8	13	27
Critical Water Years	26	19	10	6	2	2	6	6	8	7	12	25

Table 5A-B5.5.3.4-C. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.3.4-D. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.3.5-A. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	28	20	12	7	3	2	6	6	9	8	13	27
20%	27	20	11	6	3	2	6	6	9	8	13	27
30%	27	19	10	5	3	2	6	6	9	8	13	27
40%	27	18	10	5	3	2	6	6	9	8	13	27
50%	26	17	9	5	2	2	6	6	8	8	13	26
60%	26	17	8	4	2	2	5	6	8	8	13	26
70%	25	16	7	4	2	2	5	6	8	8	13	26
80%	25	15	6	4	2	2	5	5	8	8	13	25
90%	24	13	5	3	1	1	4	5	8	7	12	25

Table 5A-B5.5.3.5-B. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Annual Volume (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	26	17	8	5	2	2	6	6	8	8	13	26
Wet Water Years	26	16	7	4	2	2	5	6	8	8	13	26
Above Normal Water Years	26	16	8	4	2	2	6	6	8	8	13	26
Below Normal Water Years	26	17	9	5	2	2	6	6	9	8	13	26
Dry Water Years	26	18	9	5	2	2	6	6	9	8	13	27
Critical Water Years	26	19	10	6	2	2	6	6	8	7	12	25

Table 5A-B5.5.3.5-C. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.3.5-D. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

B.5.4 CVP South of Delta Agricultural Water Service Contract

Figure 5A-B5.5.4.1-A. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Probability of Exceedance for No Project Alternative, October to March

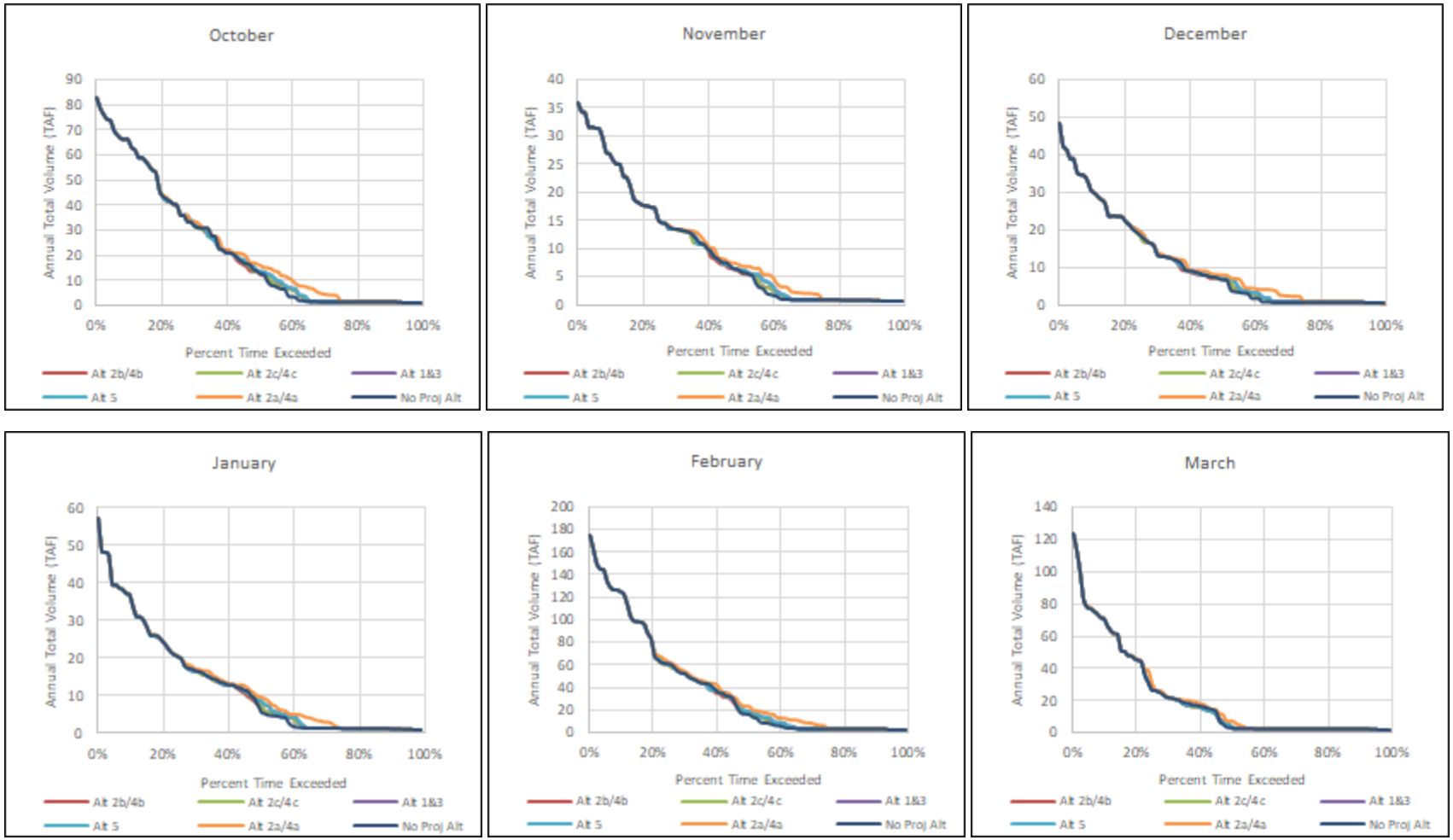


Figure 5A-B5.5.4.1-B. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Probability of Exceedance for No Project Alternative, April to September

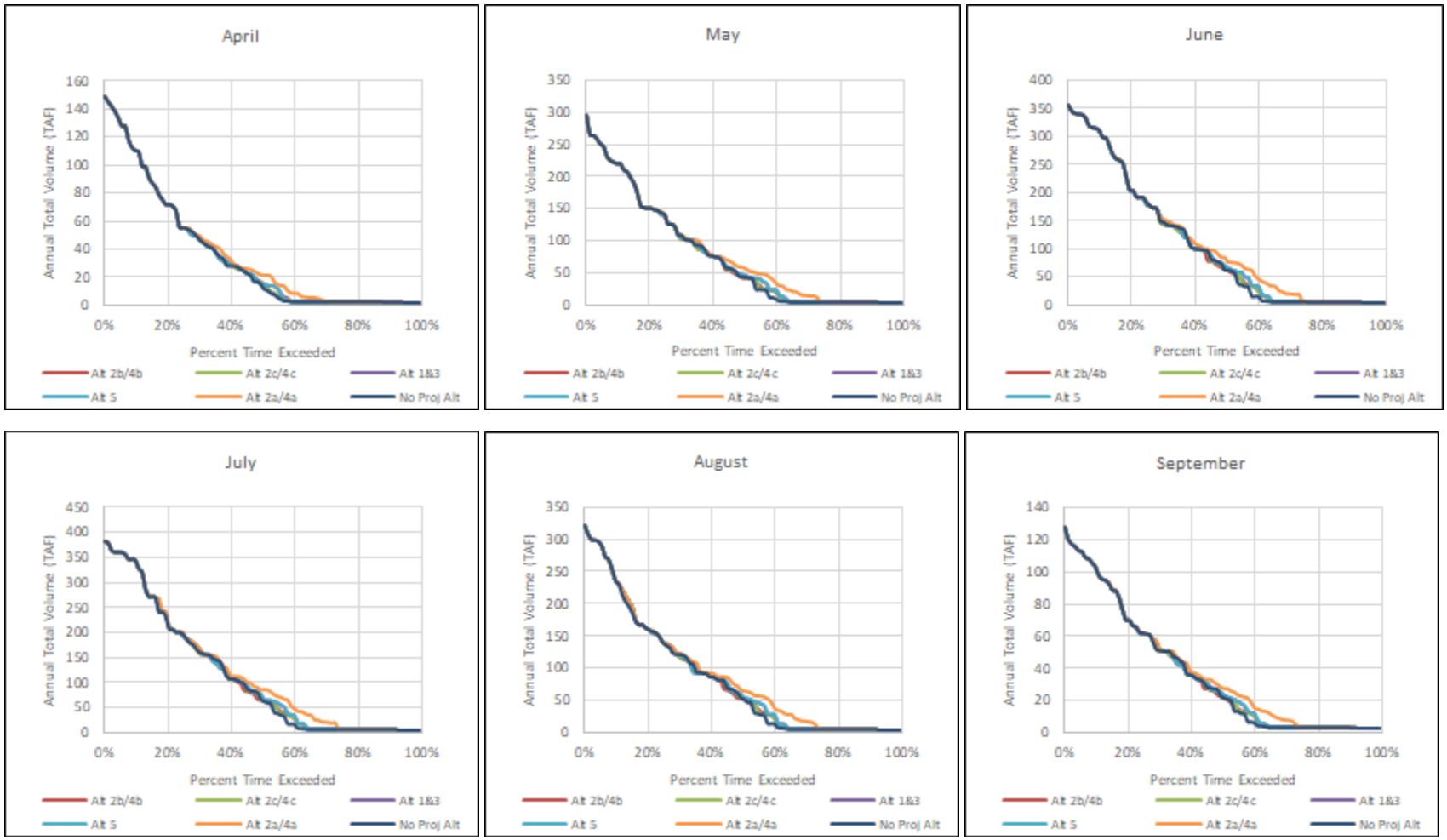


Table 5A-B5.5.4.1-A. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	26	30	36	124	70	110	219	307	341	234	101
20%	45	18	23	24	74	46	72	150	204	218	161	70
30%	32	13	14	17	53	22	47	109	148	162	122	51
40%	21	10	9	13	38	17	29	76	101	108	87	36
50%	13	6	7	7	17	3	14	44	63	66	54	22
60%	4	2	2	2	6	3	3	10	15	17	14	6
70%	2	1	1	1	4	3	3	5	6	7	7	3
80%	2	1	1	1	4	3	3	5	6	7	6	3
90%	2	1	1	1	4	2	3	4	6	7	6	3

Table 5A-B5.5.4.1-B. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Annual Volume (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	23	10	11	13	40	22	36	77	106	114	86	36
Wet Water Years	29	12	13	15	43	50	82	173	238	255	187	81
Above Normal Water Years	25	11	12	14	46	21	36	68	97	104	85	34
Below Normal Water Years	25	10	13	15	50	5	10	27	38	41	34	14
Dry Water Years	17	8	9	10	33	3	4	9	13	15	12	5
Critical Water Years	6	3	3	4	14	2	3	4	5	6	6	3

Table 5A-B5.5.4.1-C. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	26	30	36	124	70	110	219	307	341	235	101
20%	45	18	23	24	74	46	72	150	204	221	161	70
30%	32	13	14	16	53	22	47	103	144	160	118	51
40%	21	10	9	13	35	16	29	76	101	108	87	36
50%	13	6	7	7	18	4	17	42	63	66	53	22
60%	7	3	3	4	9	3	4	21	27	30	24	10
70%	2	1	1	1	4	3	3	5	6	7	7	3
80%	2	1	1	1	4	3	3	5	6	7	6	3
90%	2	1	1	1	4	2	3	4	6	7	6	3

Table 5A-B5.5.4.1-D. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	23	10	11	13	41	22	36	77	106	114	86	37
Wet Water Years	30	12	13	15	44	50	82	173	237	254	187	80
Above Normal Water Years	25	11	12	14	46	22	37	69	98	106	86	34
Below Normal Water Years	25	10	13	15	50	5	11	28	39	42	35	14
Dry Water Years	17	8	9	10	32	4	4	10	14	16	13	6
Critical Water Years	7	3	4	5	17	2	3	5	6	7	6	3

Table 5A-B5.5.4.1-E. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	3	0	0
30%	0	0	0	0	0	0	0	-6	-4	-2	-4	0
40%	0	0	0	0	-2	-1	0	0	0	0	0	0
50%	0	0	0	1	1	1	3	-2	0	0	0	0
60%	3	1	1	2	2	0	1	11	12	13	10	4
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.4.1-F. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	1	0
Wet Water Years	0	0	0	0	0	0	0	-1	-1	-1	0	0
Above Normal Water Years	0	0	0	0	-1	0	1	1	1	1	1	0
Below Normal Water Years	0	0	0	0	0	0	1	1	1	1	1	0
Dry Water Years	-1	0	0	0	-1	0	0	1	1	1	1	0
Critical Water Years	1	0	1	1	2	0	0	1	1	1	1	0

Table 5A-B5.5.4.2-A. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	26	30	36	124	70	110	219	307	341	235	101
20%	45	18	23	24	74	46	72	150	204	221	161	70
30%	32	13	14	16	53	22	47	103	144	160	118	51
40%	21	10	9	13	38	16	29	76	101	108	87	36
50%	14	6	7	8	17	4	16	44	65	66	54	23
60%	7	3	3	4	9	3	3	20	26	29	23	10
70%	2	1	1	1	4	3	3	5	6	7	7	3
80%	2	1	1	1	4	3	3	5	6	7	6	3
90%	2	1	1	1	4	2	3	4	6	7	6	3

Table 5A-B5.5.4.2-B. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	23	10	11	13	41	22	36	77	106	115	87	37
Wet Water Years	29	12	13	15	44	50	82	173	237	254	187	80
Above Normal Water Years	25	11	11	14	45	22	37	69	98	106	86	34
Below Normal Water Years	25	10	13	15	50	5	11	29	40	44	36	14
Dry Water Years	17	8	9	10	33	3	4	9	13	15	12	5
Critical Water Years	7	3	4	5	17	2	3	5	6	7	6	3

Table 5A-B5.5.4.2-C. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	3	0	0
30%	0	0	0	0	0	0	0	-6	-4	-2	-4	0
40%	0	0	0	0	0	-1	0	0	0	0	0	0
50%	0	0	0	2	1	1	2	0	2	1	1	1
60%	3	1	1	2	2	0	0	10	10	12	9	4
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.4.2-D. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	1	1	1	0
Wet Water Years	0	0	0	0	0	0	0	-1	-1	-1	0	0
Above Normal Water Years	0	0	0	0	-1	0	1	1	1	1	1	0
Below Normal Water Years	0	0	0	0	0	0	1	2	3	3	2	1
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	1	0	1	1	2	0	0	1	1	1	1	0

Table 5A-B5.5.4.3-A. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	26	30	36	124	70	110	219	307	341	235	101
20%	45	18	23	24	76	46	72	150	204	222	161	70
30%	34	13	14	17	53	22	47	106	149	169	122	52
40%	21	10	9	13	38	16	30	76	101	108	87	36
50%	14	6	7	9	19	4	16	47	68	72	57	24
60%	7	3	3	4	9	3	3	24	34	35	29	12
70%	2	1	1	1	4	3	3	5	6	7	7	3
80%	2	1	1	1	4	3	3	5	6	7	6	3
90%	2	1	1	1	4	2	3	4	6	7	6	3

Table 5A-B5.5.4.3-B. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	23	10	11	13	41	22	36	78	108	116	88	37
Wet Water Years	30	12	13	16	44	50	82	173	238	255	188	81
Above Normal Water Years	26	11	12	15	47	22	37	69	99	106	87	35
Below Normal Water Years	25	10	13	15	51	5	11	31	43	46	38	15
Dry Water Years	17	8	9	10	33	3	5	11	16	18	14	6
Critical Water Years	7	3	4	5	17	2	3	5	6	7	6	3

Table 5A-B5.5.4.3-C. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	2	0	0	0	0	4	0	0
30%	2	0	0	0	0	0	0	-3	1	7	0	1
40%	0	0	0	0	0	-1	1	0	0	0	0	0
50%	0	0	0	2	3	1	2	3	6	7	4	2
60%	3	2	1	2	3	0	0	14	18	18	15	6
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.4.3-D. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	1	0	0	1	2	2	2	1
Wet Water Years	0	0	0	0	1	0	0	0	0	0	1	0
Above Normal Water Years	0	0	0	0	1	0	1	1	2	2	1	1
Below Normal Water Years	0	0	0	0	0	0	1	3	5	5	4	2
Dry Water Years	0	0	0	0	0	0	1	2	3	3	2	1
Critical Water Years	1	1	1	1	3	0	0	1	1	1	1	0

Table 5A-B5.5.4.4-A. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	26	30	36	124	70	110	219	307	341	236	101
20%	45	18	23	24	76	46	72	150	205	222	161	70
30%	34	14	14	17	55	22	50	109	154	169	124	52
40%	23	11	9	13	43	18	33	76	110	114	92	38
50%	16	7	8	10	24	7	22	58	81	87	66	28
60%	11	5	4	5	13	3	9	35	48	50	41	16
70%	5	2	2	3	9	3	4	15	21	22	19	8
80%	2	1	1	1	4	3	3	5	6	7	7	3
90%	2	1	1	1	4	2	3	4	6	7	6	3

Table 5A-B5.5.4.4-B. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	25	10	12	14	43	23	38	82	114	122	93	39
Wet Water Years	31	13	13	16	46	51	83	175	241	259	191	82
Above Normal Water Years	28	12	13	16	49	24	42	78	111	120	97	39
Below Normal Water Years	27	11	14	15	53	6	13	37	52	56	46	18
Dry Water Years	18	8	10	11	34	4	6	15	22	24	20	8
Critical Water Years	8	4	5	6	19	2	3	5	6	7	6	3

Table 5A-B5.5.4.4-C. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	2	0
20%	0	0	0	0	2	0	0	0	1	4	0	0
30%	2	0	0	0	2	0	3	0	6	7	2	1
40%	1	1	0	0	5	2	4	0	10	6	5	2
50%	3	1	1	3	7	4	8	14	18	21	13	6
60%	7	3	3	3	7	0	6	25	32	33	26	10
70%	3	1	2	2	5	0	1	10	15	15	12	5
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.4.4-D. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2	1	1	1	3	1	2	5	8	9	7	3
Wet Water Years	1	1	1	1	2	0	1	2	3	4	4	1
Above Normal Water Years	2	1	1	1	3	2	5	10	14	15	12	5
Below Normal Water Years	2	1	1	1	3	1	3	10	14	15	12	4
Dry Water Years	1	0	0	0	1	1	2	6	9	9	7	3
Critical Water Years	2	1	1	1	5	0	0	1	1	1	1	0

Table 5A-B5.5.4.5-A. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	26	30	36	124	70	110	219	307	341	235	101
20%	45	18	23	24	76	46	72	150	204	222	161	70
30%	34	13	14	17	53	22	47	106	149	169	122	52
40%	21	10	9	13	38	16	30	76	101	108	87	36
50%	14	6	7	9	19	4	16	47	68	72	57	24
60%	7	3	3	4	9	3	3	24	34	35	29	12
70%	2	1	1	1	4	3	3	5	6	7	7	3
80%	2	1	1	1	4	3	3	5	6	7	6	3
90%	2	1	1	1	4	2	3	4	6	7	6	3

Table 5A-B5.5.4.5-B. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Annual Volume (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	23	10	11	13	41	22	36	78	108	116	88	37
Wet Water Years	30	12	13	16	44	50	82	173	238	255	188	81
Above Normal Water Years	26	11	12	15	47	22	37	69	99	106	87	35
Below Normal Water Years	25	10	13	15	51	5	11	31	43	46	38	15
Dry Water Years	17	8	9	10	33	3	5	11	16	18	14	6
Critical Water Years	7	3	4	5	17	2	3	5	6	7	6	3

Table 5A-B5.5.4.5-C. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	2	0	0	0	0	4	0	0
30%	2	0	0	0	0	0	0	-3	1	7	0	1
40%	0	0	0	0	0	-1	1	0	0	0	0	0
50%	0	0	0	2	3	1	2	3	6	7	4	2
60%	3	2	1	2	3	0	0	14	18	18	15	6
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.4.5-D. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	1	0	0	1	2	2	2	1
Wet Water Years	0	0	0	0	1	0	0	0	0	0	1	0
Above Normal Water Years	0	0	0	0	1	0	1	1	2	2	1	1
Below Normal Water Years	0	0	0	0	0	0	1	3	5	5	4	2
Dry Water Years	0	0	0	0	0	0	1	2	3	3	2	1
Critical Water Years	1	1	1	1	3	0	0	1	1	1	1	0

B.5.5 CVP South of Delta M&I Water Service Contract Deliveries

Figure 5A-B5.5.5.1-A. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Probability of Exceedance for No Project Alternative, October to March

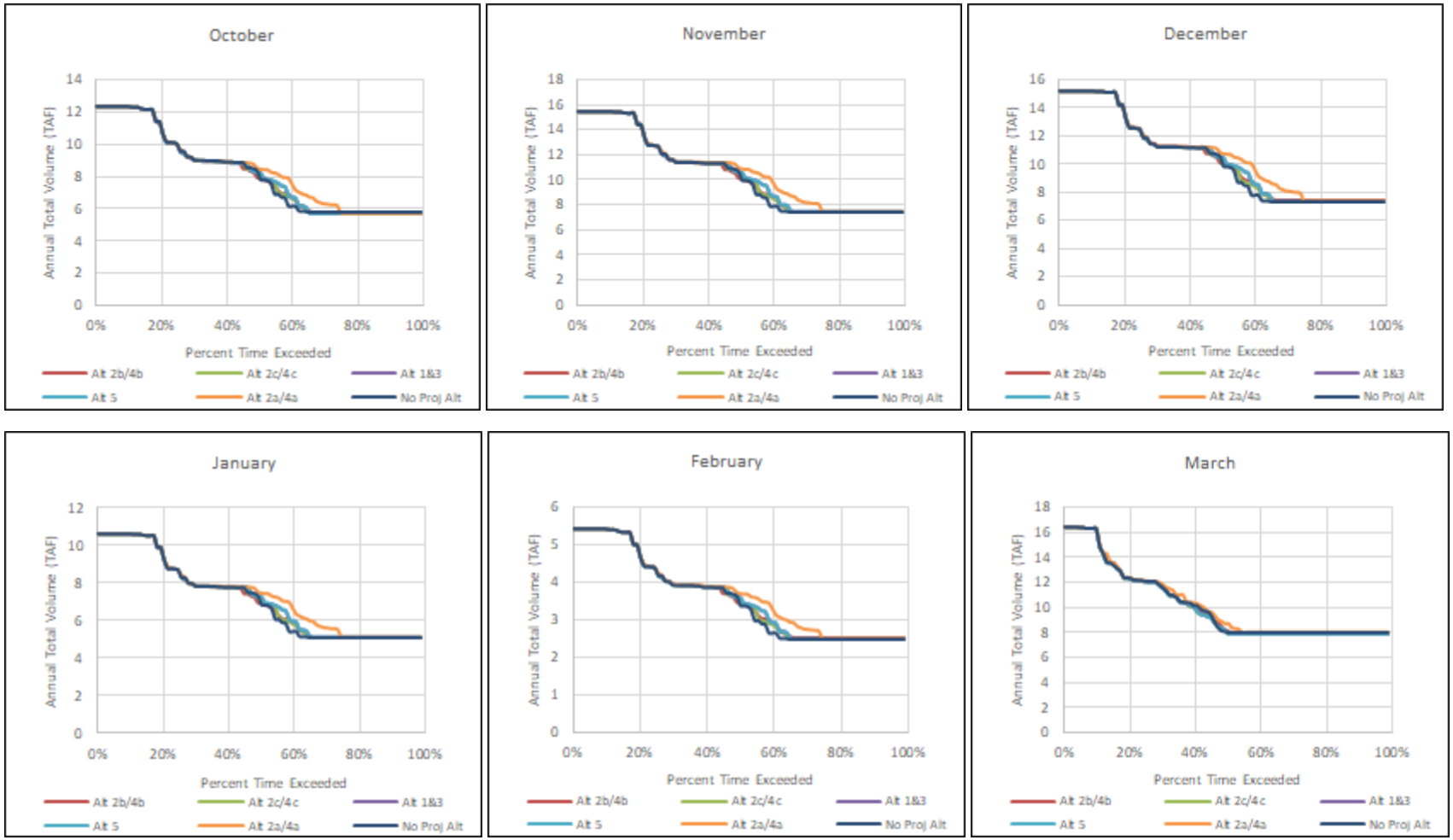


Figure 5A-B5.5.5.1-B. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Probability of Exceedance for No Project Alternative, April to September

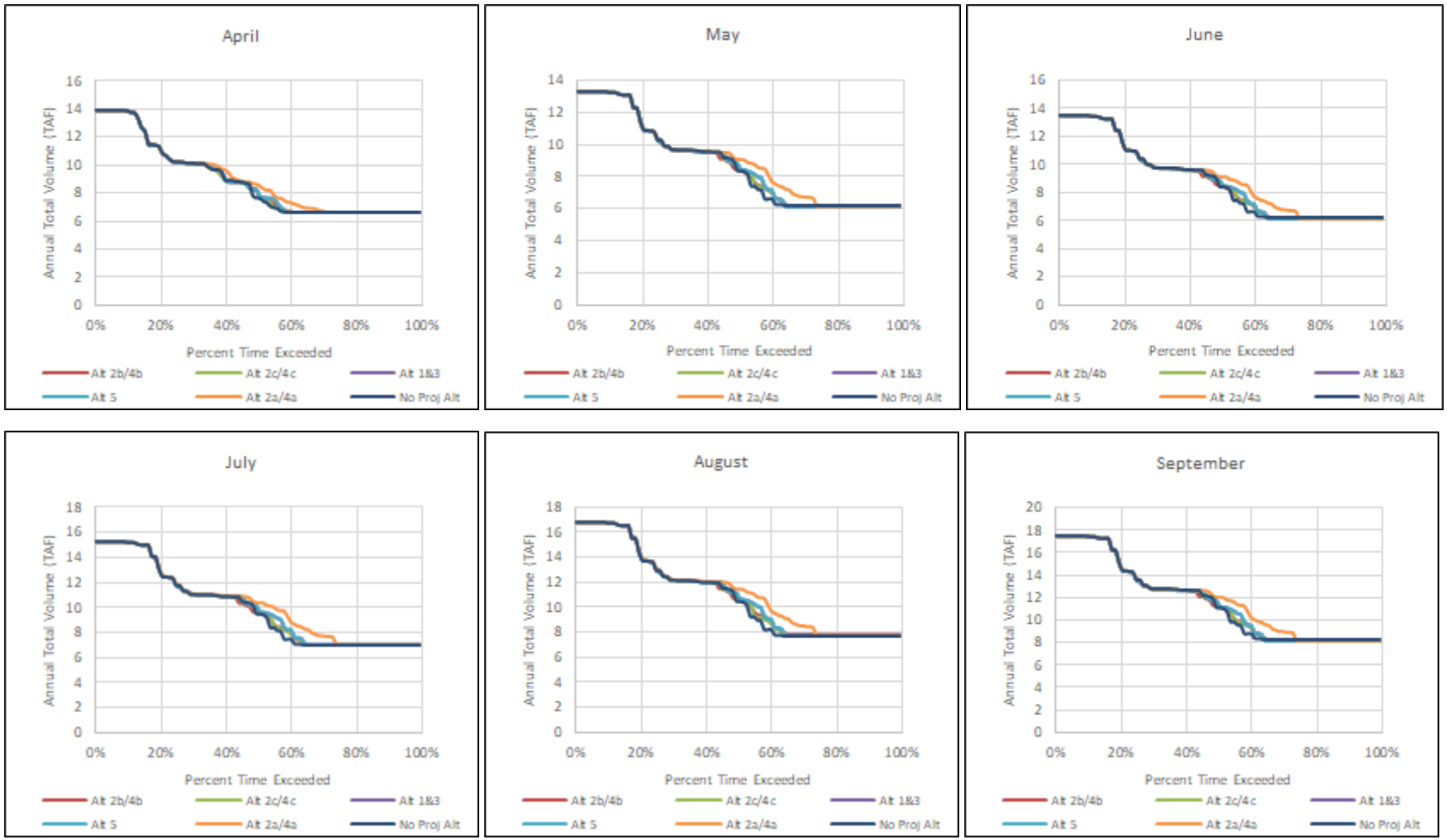


Table 5A-B5.5.5.1-A. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12	15	15	11	5	16	14	13	13	15	17	17
20%	11	14	14	9	5	12	11	11	11	13	14	15
30%	9	11	11	8	4	12	10	10	10	11	12	13
40%	9	11	11	8	4	10	9	10	10	11	12	13
50%	8	10	10	7	4	8	8	8	8	9	11	11
60%	6	8	8	5	3	8	7	7	7	7	8	9
70%	6	7	7	5	2	8	7	6	6	7	8	8
80%	6	7	7	5	2	8	7	6	6	7	8	8
90%	6	7	7	5	2	8	7	6	6	7	8	8

Table 5A-B5.5.5.1-B. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Annual Volume (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8	10	10	7	4	10	9	9	9	10	11	12
Wet Water Years	9	11	11	8	4	13	12	12	12	13	15	16
Above Normal Water Years	9	11	11	8	4	10	9	9	9	10	11	12
Below Normal Water Years	8	11	11	7	4	8	7	7	7	8	9	10
Dry Water Years	8	10	10	7	3	8	7	6	6	7	8	9
Critical Water Years	6	8	8	6	3	8	7	6	6	7	8	8

Table 5A-B5.5.5.1-C. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12	15	15	11	5	16	14	13	13	15	17	17
20%	11	14	14	9	5	12	11	11	11	13	14	15
30%	9	11	11	8	4	12	10	10	10	11	12	13
40%	9	11	11	8	4	10	9	10	10	11	12	13
50%	8	10	10	7	3	8	8	8	8	10	11	11
60%	7	9	9	6	3	8	7	7	7	8	9	9
70%	6	7	7	5	2	8	7	6	6	7	8	8
80%	6	7	7	5	2	8	7	6	6	7	8	8
90%	6	7	7	5	2	8	7	6	6	7	8	8

Table 5A-B5.5.5.1-D. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8	11	10	7	4	10	9	9	9	10	11	12
Wet Water Years	9	11	11	8	4	13	12	12	12	13	15	16
Above Normal Water Years	9	11	11	8	4	10	9	9	9	10	11	12
Below Normal Water Years	8	11	11	7	4	8	7	7	7	8	9	10
Dry Water Years	8	10	10	7	3	8	7	6	6	7	8	9
Critical Water Years	7	9	9	6	3	8	7	6	6	7	8	8

Table 5A-B5.5.5.1-E. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	1	1	1	0	0	0	0	0	0	1	1	1
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.5.1-F. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.5.2-A. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12	15	15	11	5	16	14	13	13	15	17	17
20%	11	14	14	9	5	12	11	11	11	13	14	15
30%	9	11	11	8	4	12	10	10	10	11	12	13
40%	9	11	11	8	4	10	9	10	10	11	12	13
50%	8	10	10	7	4	8	8	8	9	10	11	11
60%	7	9	8	6	3	8	7	7	7	8	9	9
70%	6	7	7	5	2	8	7	6	6	7	8	8
80%	6	7	7	5	2	8	7	6	6	7	8	8
90%	6	7	7	5	2	8	7	6	6	7	8	8

Table 5A-B5.5.5.2-B. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8	11	10	7	4	10	9	9	9	10	11	12
Wet Water Years	9	11	11	8	4	13	12	12	12	13	15	16
Above Normal Water Years	9	11	11	8	4	10	9	9	9	10	11	12
Below Normal Water Years	8	11	11	7	4	8	7	7	7	8	9	10
Dry Water Years	8	10	10	7	3	8	7	6	6	7	8	9
Critical Water Years	7	9	9	6	3	8	7	6	6	7	8	8

Table 5A-B5.5.5.2-C. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	1	1	1	0	0	0	0	0	0	0	0	1
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.5.2-D. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.5.3-A. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12	15	15	11	5	16	14	13	13	15	17	17
20%	11	14	14	9	5	12	11	11	11	13	14	15
30%	9	11	11	8	4	12	10	10	10	11	12	13
40%	9	11	11	8	4	10	9	10	10	11	12	13
50%	8	11	10	7	4	8	8	9	9	10	11	12
60%	7	9	9	6	3	8	7	7	7	8	9	10
70%	6	7	7	5	2	8	7	6	6	7	8	8
80%	6	7	7	5	2	8	7	6	6	7	8	8
90%	6	7	7	5	2	8	7	6	6	7	8	8

Table 5A-B5.5.5.3-B. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8	11	10	7	4	10	9	9	9	10	11	12
Wet Water Years	9	11	11	8	4	13	12	12	12	13	15	16
Above Normal Water Years	9	11	11	8	4	10	9	9	9	10	11	12
Below Normal Water Years	8	11	11	7	4	8	7	7	8	8	9	10
Dry Water Years	8	10	10	7	3	8	7	7	7	7	8	9
Critical Water Years	7	9	9	6	3	8	7	6	6	7	8	8

Table 5A-B5.5.5.3-C. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	1	1	1	1	0	0	0	1	1	1	1	1
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.5.3-D. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.5.4-A. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12	15	15	11	5	16	14	13	13	15	17	17
20%	11	14	14	9	5	12	11	11	11	13	14	15
30%	9	11	11	8	4	12	10	10	10	11	12	13
40%	9	11	11	8	4	10	10	10	10	11	12	13
50%	9	11	11	7	4	9	9	9	9	10	11	12
60%	8	10	10	7	3	8	7	8	8	9	10	10
70%	6	8	8	6	3	8	7	7	7	8	9	9
80%	6	7	7	5	2	8	7	6	6	7	8	8
90%	6	7	7	5	2	8	7	6	6	7	8	8

Table 5A-B5.5.5.4-B. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8	11	11	7	4	10	9	9	9	10	11	12
Wet Water Years	9	11	11	8	4	13	12	12	12	13	15	16
Above Normal Water Years	9	11	11	8	4	11	10	9	10	11	12	13
Below Normal Water Years	9	11	11	8	4	8	8	8	8	9	10	10
Dry Water Years	8	10	10	7	3	8	7	7	7	8	9	9
Critical Water Years	7	9	9	6	3	8	7	6	6	7	8	8

Table 5A-B5.5.5.4-C. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	1	0	0	0	0	0
50%	0	1	1	0	0	1	1	1	1	1	1	1
60%	2	2	2	1	1	0	1	1	1	1	2	2
70%	1	1	1	0	0	0	0	1	1	1	1	1
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.5.4-D. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	1	1	1
Below Normal Water Years	0	0	0	0	0	0	0	1	1	1	1	1
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.5.5-A. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12	15	15	11	5	16	14	13	13	15	17	17
20%	11	14	14	9	5	12	11	11	11	13	14	15
30%	9	11	11	8	4	12	10	10	10	11	12	13
40%	9	11	11	8	4	10	9	10	10	11	12	13
50%	8	11	10	7	4	8	8	9	9	10	11	12
60%	7	9	9	6	3	8	7	7	7	8	9	10
70%	6	7	7	5	2	8	7	6	6	7	8	8
80%	6	7	7	5	2	8	7	6	6	7	8	8
90%	6	7	7	5	2	8	7	6	6	7	8	8

Table 5A-B5.5.5.5-B. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Annual Volume (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8	11	10	7	4	10	9	9	9	10	11	12
Wet Water Years	9	11	11	8	4	13	12	12	12	13	15	16
Above Normal Water Years	9	11	11	8	4	10	9	9	9	10	11	12
Below Normal Water Years	8	11	11	7	4	8	7	7	8	8	9	10
Dry Water Years	8	10	10	7	3	8	7	7	7	7	8	9
Critical Water Years	7	9	9	6	3	8	7	6	6	7	8	8

Table 5A-B5.5.5.5-C. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	1	1	1	1	0	0	0	1	1	1	1	1
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.5.5-D. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

B.5.6 CVP South of Delta CVP Refuge Level 2 Deliveries

Figure 5A-B5.5.6.1-A. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Probability of Exceedance for No Project Alternative, October to March

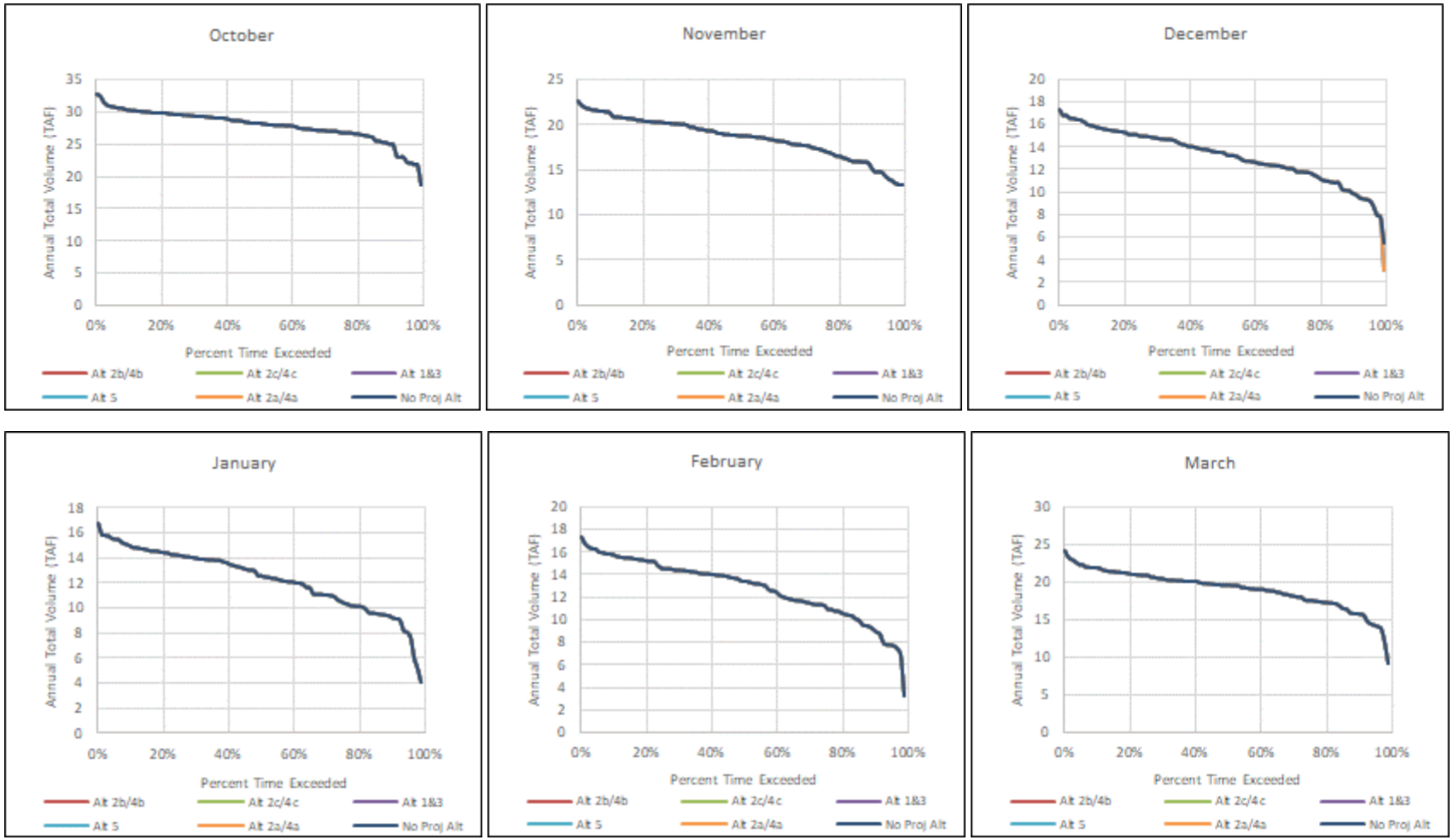


Figure 5A-B5.5.6.1-B. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Probability of Exceedance for No Project Alternative, April to September

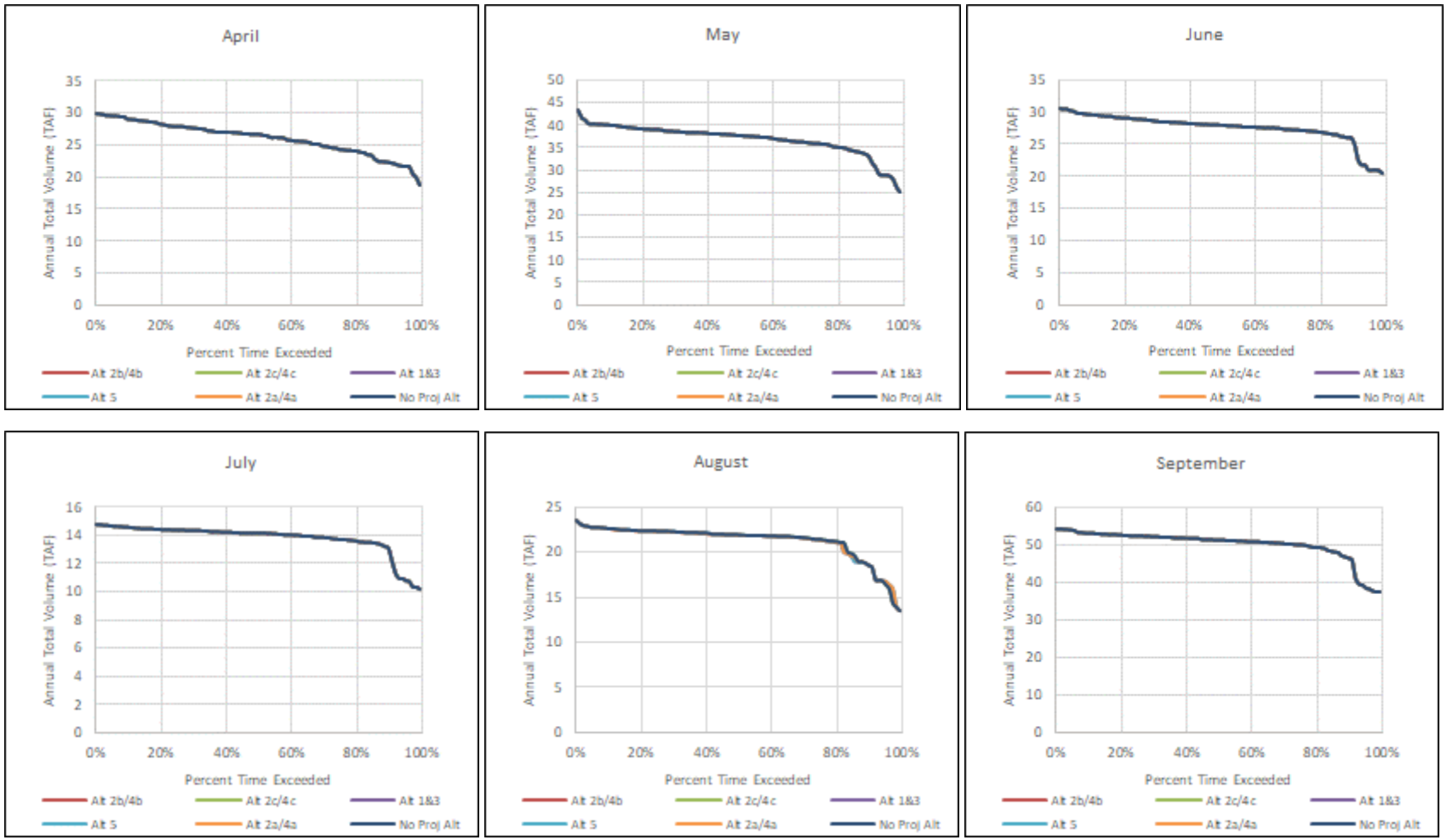


Table 5A-B5.5.6.1-A. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	30	21	16	15	16	22	29	40	30	15	23	53
20%	30	20	15	14	15	21	28	39	29	14	22	53
30%	29	20	15	14	14	20	28	39	29	14	22	52
40%	29	19	14	14	14	20	27	38	28	14	22	52
50%	28	19	14	13	13	20	27	38	28	14	22	51
60%	28	18	13	12	12	19	26	37	28	14	22	51
70%	27	18	12	11	11	18	25	36	27	14	22	50
80%	27	17	11	10	11	17	24	35	27	14	21	49
90%	25	15	10	9	9	16	22	33	26	13	19	47

Table 5A-B5.5.6.1-B. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Annual Volume (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	28	19	13	12	13	19	26	37	28	14	21	50
Wet Water Years	28	18	12	11	12	18	25	38	28	14	21	52
Above Normal Water Years	28	18	13	12	12	19	27	38	28	14	22	52
Below Normal Water Years	28	18	14	13	13	20	27	38	29	14	22	51
Dry Water Years	27	19	14	12	13	20	27	37	28	14	21	50
Critical Water Years	27	19	14	13	13	18	25	32	24	12	18	43

Table 5A-B5.5.6.1-C. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	30	21	16	15	16	22	29	40	30	15	23	53
20%	30	20	15	14	15	21	28	39	29	14	22	53
30%	29	20	15	14	14	20	28	39	29	14	22	52
40%	29	19	14	14	14	20	27	38	28	14	22	52
50%	28	19	14	13	13	20	27	38	28	14	22	51
60%	28	18	13	12	12	19	26	37	28	14	22	51
70%	27	18	12	11	11	18	25	36	27	14	22	50
80%	27	17	11	10	11	17	24	35	27	14	21	49
90%	25	15	10	9	9	16	22	33	26	13	19	47

Table 5A-B5.5.6.1-D. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	28	19	13	12	13	19	26	37	28	14	21	50
Wet Water Years	28	18	12	11	12	18	25	38	28	14	21	52
Above Normal Water Years	28	18	13	12	12	19	27	38	28	14	22	52
Below Normal Water Years	28	18	14	13	13	20	27	38	29	14	22	51
Dry Water Years	27	19	14	12	13	20	27	37	28	14	21	50
Critical Water Years	27	19	14	13	13	18	25	32	24	12	18	43

Table 5A-B5.5.6.1-E. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.6.1-F. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.6.2-A. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	30	21	16	15	16	22	29	40	30	15	23	53
20%	30	20	15	14	15	21	28	39	29	14	22	53
30%	29	20	15	14	14	20	28	39	29	14	22	52
40%	29	19	14	14	14	20	27	38	28	14	22	52
50%	28	19	14	13	13	20	27	38	28	14	22	51
60%	28	18	13	12	12	19	26	37	28	14	22	51
70%	27	18	12	11	11	18	25	36	27	14	22	50
80%	27	17	11	10	11	17	24	35	27	14	21	49
90%	25	15	10	9	9	16	22	33	26	13	19	47

Table 5A-B5.5.6.2-B. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	28	19	13	12	13	19	26	37	28	14	21	50
Wet Water Years	28	18	12	11	12	18	25	38	28	14	21	52
Above Normal Water Years	28	18	13	12	12	19	27	38	28	14	22	52
Below Normal Water Years	28	18	14	13	13	20	27	38	29	14	22	51
Dry Water Years	27	19	14	12	13	20	27	37	28	14	21	50
Critical Water Years	27	19	14	13	13	18	25	32	24	12	18	43

Table 5A-B5.5.6.2-C. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.6.2-D. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.6.3-A. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	30	21	16	15	16	22	29	40	30	15	23	53
20%	30	20	15	14	15	21	28	39	29	14	22	53
30%	29	20	15	14	14	20	28	39	29	14	22	52
40%	29	19	14	14	14	20	27	38	28	14	22	52
50%	28	19	14	13	13	20	27	38	28	14	22	51
60%	28	18	13	12	12	19	26	37	28	14	22	51
70%	27	18	12	11	11	18	25	36	27	14	22	50
80%	27	17	11	10	11	17	24	35	27	14	21	49
90%	25	15	10	9	9	16	22	33	26	13	19	47

Table 5A-B5.5.6.3-B. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	28	19	13	12	13	19	26	37	28	14	21	50
Wet Water Years	28	18	12	11	12	18	25	38	28	14	21	52
Above Normal Water Years	28	18	13	12	12	19	27	38	28	14	22	52
Below Normal Water Years	28	18	14	13	13	20	27	38	29	14	22	51
Dry Water Years	27	19	13	12	13	20	27	37	28	14	21	50
Critical Water Years	27	19	14	13	13	18	25	32	24	12	18	43

Table 5A-B5.5.6.3-C. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.6.3-D. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.6.4-A. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	30	21	16	15	16	22	29	40	30	15	23	53
20%	30	20	15	14	15	21	28	39	29	14	22	53
30%	29	20	15	14	14	20	28	39	29	14	22	52
40%	29	19	14	14	14	20	27	38	28	14	22	52
50%	28	19	14	13	13	20	27	38	28	14	22	51
60%	28	18	13	12	12	19	26	37	28	14	22	51
70%	27	18	12	11	11	18	25	36	27	14	22	50
80%	27	17	11	10	11	17	24	35	27	14	21	49
90%	25	15	10	9	9	16	22	33	26	13	19	47

Table 5A-B5.5.6.4-B. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	28	19	13	12	13	19	26	37	28	14	21	50
Wet Water Years	28	18	12	11	12	18	25	38	28	14	21	52
Above Normal Water Years	28	18	13	12	12	19	27	38	28	14	22	52
Below Normal Water Years	28	18	14	13	13	20	27	38	29	14	22	51
Dry Water Years	27	19	13	12	13	20	27	37	28	14	21	50
Critical Water Years	27	19	14	13	13	18	25	32	24	12	18	43

Table 5A-B5.5.6.4-C. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.6.4-D. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.6.5-A. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	30	21	16	15	16	22	29	40	30	15	23	53
20%	30	20	15	14	15	21	28	39	29	14	22	53
30%	29	20	15	14	14	20	28	39	29	14	22	52
40%	29	19	14	14	14	20	27	38	28	14	22	52
50%	28	19	14	13	13	20	27	38	28	14	22	51
60%	28	18	13	12	12	19	26	37	28	14	22	51
70%	27	18	12	11	11	18	25	36	27	14	22	50
80%	27	17	11	10	11	17	24	35	27	14	21	49
90%	25	15	10	9	9	16	22	33	26	13	19	47

Table 5A-B5.5.6.5-B. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Annual Volume (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	28	19	13	12	13	19	26	37	28	14	21	50
Wet Water Years	28	18	12	11	12	18	25	38	28	14	21	52
Above Normal Water Years	28	18	13	12	12	19	27	38	28	14	22	52
Below Normal Water Years	28	18	14	13	13	20	27	38	29	14	22	51
Dry Water Years	27	19	13	12	13	20	27	37	28	14	21	50
Critical Water Years	27	19	14	13	13	18	25	32	24	12	18	43

Table 5A-B5.5.6.5-C. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.6.5-D. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

B.5.7 CVP Settlement Contract Deliveries

Figure 5A-B5.5.7.1-A. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Probability of Exceedance for No Project Alternative, October to March

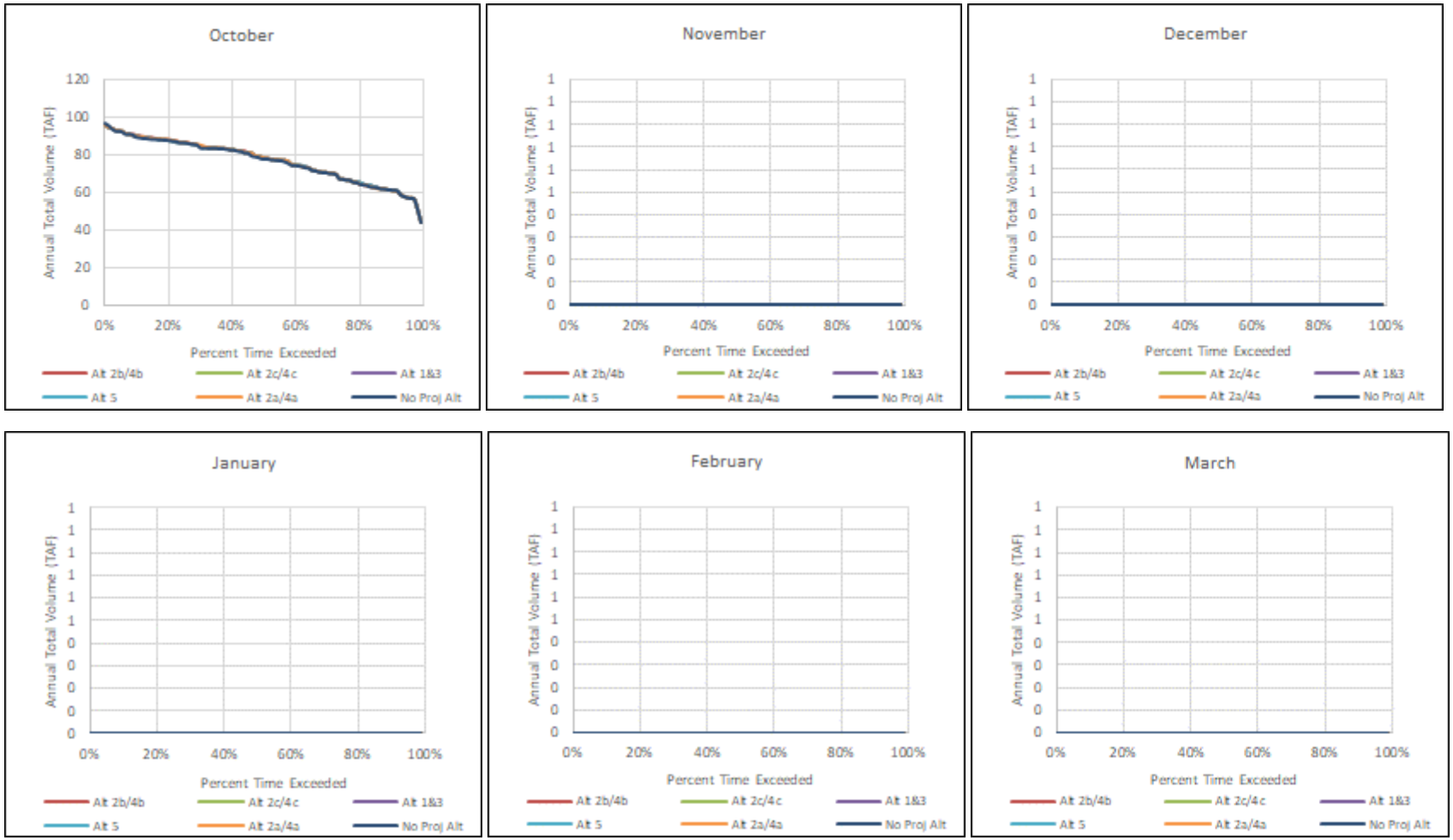


Figure 5A-B5.5.7.1-B. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Probability of Exceedance for No Project Alternative, April to September

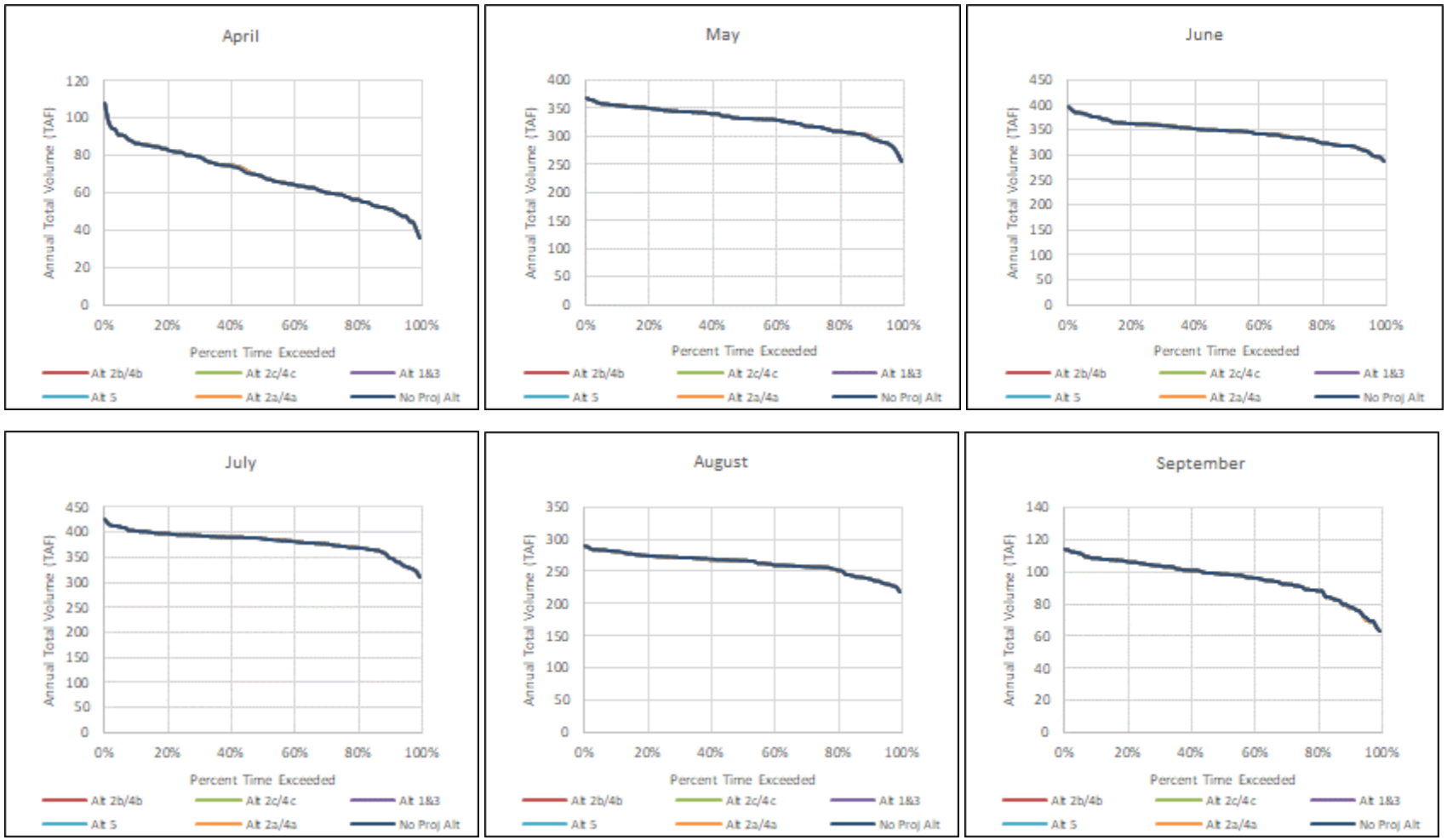


Table 5A-B5.5.7.1-A. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Exceedance Probabilities for Annual Volume (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	90	0	0	0	0	0	86	356	373	403	282	109
20%	88	0	0	0	0	0	83	351	362	397	275	107
30%	84	0	0	0	0	0	79	345	358	393	272	104
40%	83	0	0	0	0	0	75	341	352	390	270	101
50%	78	0	0	0	0	0	69	332	348	387	268	99
60%	75	0	0	0	0	0	65	330	341	381	260	96
70%	71	0	0	0	0	0	61	318	334	377	258	93
80%	65	0	0	0	0	0	57	309	324	368	253	89
90%	62	0	0	0	0	0	52	297	317	350	239	79

Table 5A-B5.5.7.1-B. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Annual Volume (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	77	0	0	0	0	0	70	330	345	381	263	97
Wet Water Years	75	0	0	0	0	0	62	328	338	379	263	99
Above Normal Water Years	69	0	0	0	0	0	70	336	346	383	264	98
Below Normal Water Years	79	0	0	0	0	0	71	334	356	390	268	93
Dry Water Years	79	0	0	0	0	0	76	334	355	387	268	101
Critical Water Years	81	0	0	0	0	0	80	317	327	361	248	91

Table 5A-B5.5.7.1-C. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	90	0	0	0	0	0	87	356	373	403	282	109
20%	88	0	0	0	0	0	83	351	362	397	275	107
30%	85	0	0	0	0	0	79	345	358	393	272	104
40%	83	0	0	0	0	0	75	341	352	390	269	101
50%	78	0	0	0	0	0	69	332	348	388	267	99
60%	75	0	0	0	0	0	65	330	341	382	260	96
70%	71	0	0	0	0	0	61	318	335	377	258	93
80%	65	0	0	0	0	0	57	309	324	368	252	89
90%	62	0	0	0	0	0	52	301	317	350	239	78

Table 5A-B5.5.7.1-D. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	77	0	0	0	0	0	70	330	345	381	263	97
Wet Water Years	75	0	0	0	0	0	62	328	338	379	263	99
Above Normal Water Years	69	0	0	0	0	0	70	336	346	383	264	98
Below Normal Water Years	79	0	0	0	0	0	72	334	356	390	268	93
Dry Water Years	79	0	0	0	0	0	76	334	355	387	268	101
Critical Water Years	82	0	0	0	0	0	80	317	327	361	248	91

Table 5A-B5.5.7.1-E. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	1	0	0	0	0	0	0	0	1	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	-1	0
50%	0	0	0	0	0	0	0	0	0	1	0	0
60%	0	0	0	0	0	0	0	0	0	1	0	0
70%	0	0	0	0	0	0	0	0	1	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	4	0	0	0	0

Table 5A-B5.5.7.1-F. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	1	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.7.2-A. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	90	0	0	0	0	0	87	356	373	403	282	109
20%	88	0	0	0	0	0	83	351	362	397	275	107
30%	85	0	0	0	0	0	79	345	358	393	272	104
40%	83	0	0	0	0	0	75	341	352	390	269	101
50%	78	0	0	0	0	0	69	332	348	388	267	99
60%	75	0	0	0	0	0	65	330	341	382	260	96
70%	71	0	0	0	0	0	61	318	335	377	258	93
80%	65	0	0	0	0	0	57	309	324	368	252	89
90%	62	0	0	0	0	0	52	299	317	350	239	78

Table 5A-B5.5.7.2-B. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	77	0	0	0	0	0	70	330	345	381	263	97
Wet Water Years	75	0	0	0	0	0	62	328	338	379	263	99
Above Normal Water Years	69	0	0	0	0	0	70	336	346	383	264	98
Below Normal Water Years	79	0	0	0	0	0	72	334	356	390	268	93
Dry Water Years	78	0	0	0	0	0	76	334	355	387	268	101
Critical Water Years	82	0	0	0	0	0	80	317	327	361	248	91

Table 5A-B5.5.7.2-C. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	1	0	0	0	0	0	0	0	1	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	-1	0
50%	0	0	0	0	0	0	0	0	0	1	0	0
60%	0	0	0	0	0	0	0	0	0	1	0	0
70%	0	0	0	0	0	0	0	0	1	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	2	0	0	0	0

Table 5A-B5.5.7.2-D. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	1	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.7.3-A. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	90	0	0	0	0	0	86	356	373	403	282	109
20%	88	0	0	0	0	0	83	351	362	397	275	107
30%	85	0	0	0	0	0	79	345	359	393	272	104
40%	83	0	0	0	0	0	75	341	352	390	269	101
50%	78	0	0	0	0	0	69	332	348	388	267	99
60%	75	0	0	0	0	0	65	330	341	382	260	96
70%	71	0	0	0	0	0	61	318	335	377	258	93
80%	66	0	0	0	0	0	57	309	324	368	252	89
90%	62	0	0	0	0	0	52	299	316	350	239	78

Table 5A-B5.5.7.3-B. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	77	0	0	0	0	0	70	330	345	381	263	97
Wet Water Years	75	0	0	0	0	0	62	328	338	379	263	99
Above Normal Water Years	69	0	0	0	0	0	70	336	346	383	264	98
Below Normal Water Years	79	0	0	0	0	0	72	334	356	390	268	93
Dry Water Years	78	0	0	0	0	0	76	334	355	387	268	101
Critical Water Years	82	0	0	0	0	0	80	317	326	361	248	91

Table 5A-B5.5.7.3-C. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	1	0	0	0	0	0	0	0	1	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	-1	0
50%	0	0	0	0	0	0	0	0	0	1	0	0
60%	0	0	0	0	0	0	0	0	0	1	0	0
70%	0	0	0	0	0	0	0	0	1	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	2	-1	0	0	0

Table 5A-B5.5.7.3-D. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	1	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.7.4-A. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	90	0	0	0	0	0	87	356	373	403	282	109
20%	88	0	0	0	0	0	83	351	362	397	275	107
30%	85	0	0	0	0	0	79	345	359	393	272	104
40%	83	0	0	0	0	0	75	341	352	390	269	101
50%	78	0	0	0	0	0	69	332	348	388	267	99
60%	75	0	0	0	0	0	65	330	341	382	260	96
70%	71	0	0	0	0	0	61	318	335	377	258	93
80%	65	0	0	0	0	0	57	309	324	368	252	89
90%	62	0	0	0	0	0	52	299	316	350	239	78

Table 5A-B5.5.7.4-B. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	77	0	0	0	0	0	70	330	345	381	263	97
Wet Water Years	75	0	0	0	0	0	62	328	338	379	263	99
Above Normal Water Years	69	0	0	0	0	0	70	336	346	383	264	98
Below Normal Water Years	79	0	0	0	0	0	72	334	356	390	268	93
Dry Water Years	78	0	0	0	0	0	76	334	355	387	268	101
Critical Water Years	82	0	0	0	0	0	80	317	326	361	248	91

Table 5A-B5.5.7.4-C. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	1	0	0	0	0	0	0	0	1	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	-1	0
50%	0	0	0	0	0	0	0	0	0	1	0	0
60%	0	0	0	0	0	0	0	0	0	1	0	0
70%	0	0	0	0	0	0	0	0	1	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	2	-1	0	0	0

Table 5A-B5.5.7.4-D. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.7.5-A. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	90	0	0	0	0	0	86	356	373	403	282	109
20%	88	0	0	0	0	0	83	351	362	397	275	107
30%	85	0	0	0	0	0	79	345	359	393	272	104
40%	83	0	0	0	0	0	75	341	352	390	269	101
50%	78	0	0	0	0	0	69	332	348	388	267	99
60%	75	0	0	0	0	0	65	330	341	382	260	96
70%	71	0	0	0	0	0	61	318	334	377	258	93
80%	66	0	0	0	0	0	57	309	324	368	252	89
90%	62	0	0	0	0	0	52	299	316	350	239	78

Table 5A-B5.5.7.5-B. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Annual Volume (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	77	0	0	0	0	0	70	330	345	381	263	97
Wet Water Years	75	0	0	0	0	0	62	328	338	379	263	99
Above Normal Water Years	69	0	0	0	0	0	70	336	346	383	264	98
Below Normal Water Years	79	0	0	0	0	0	72	334	356	390	268	93
Dry Water Years	78	0	0	0	0	0	76	334	355	387	268	101
Critical Water Years	82	0	0	0	0	0	80	317	326	361	248	91

Table 5A-B5.5.7.5-C. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	1	0	0	0	0	0	0	0	1	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	-1	0
50%	0	0	0	0	0	0	0	0	0	1	0	0
60%	0	0	0	0	0	0	0	0	0	1	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	2	-1	0	0	0

Table 5A-B5.5.7.5-D. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	1	0	0	0	0	0	0	0	0	0	0	0

B.5.8 CVP Exchange Contract Deliveries

Figure 5A-B5.5.8.1-A. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Probability of Exceedance for No Project Alternative, October to March

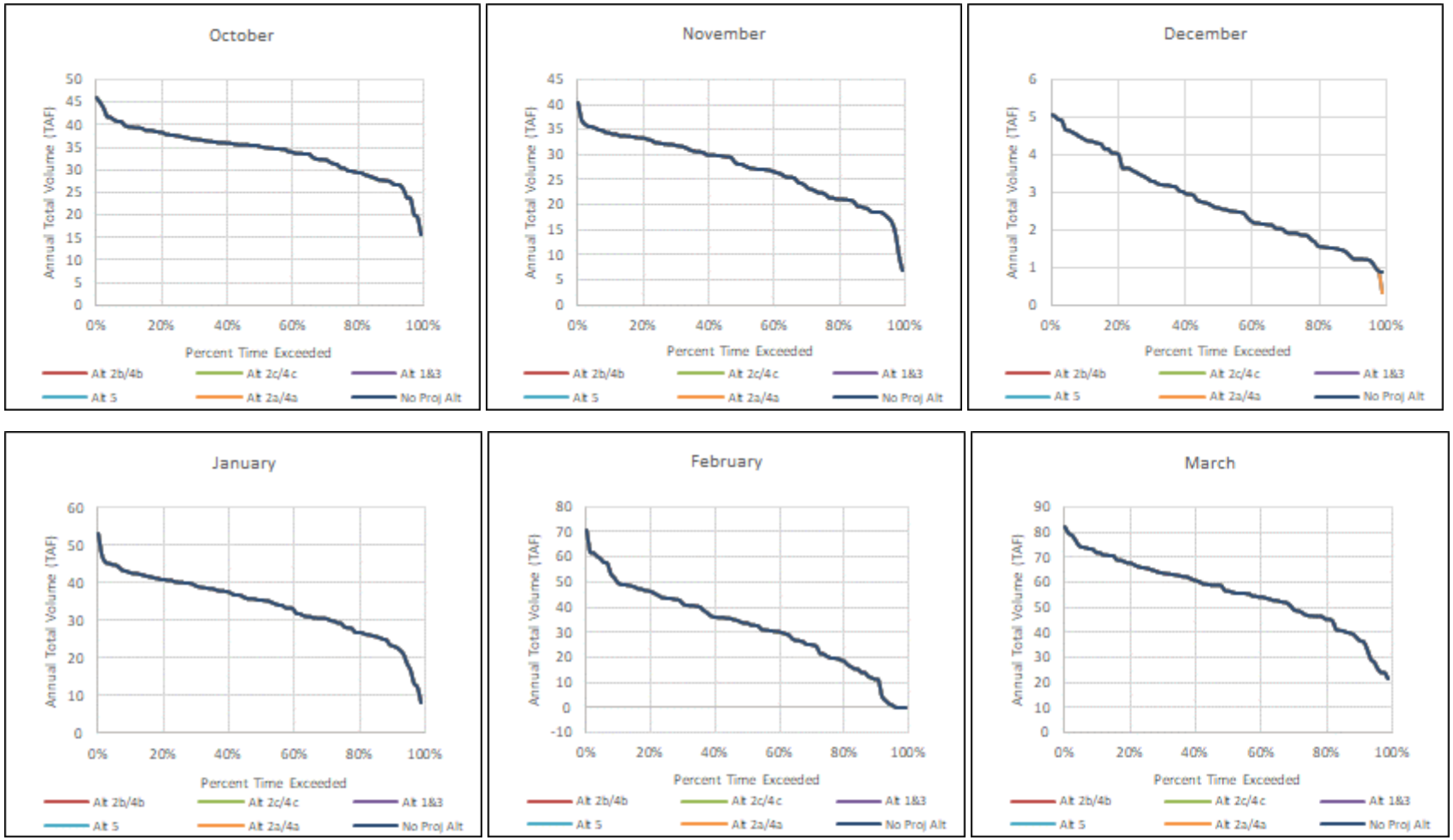


Figure 5A-B5.5.8.1-B. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Probability of Exceedance for No Project Alternative, April to September

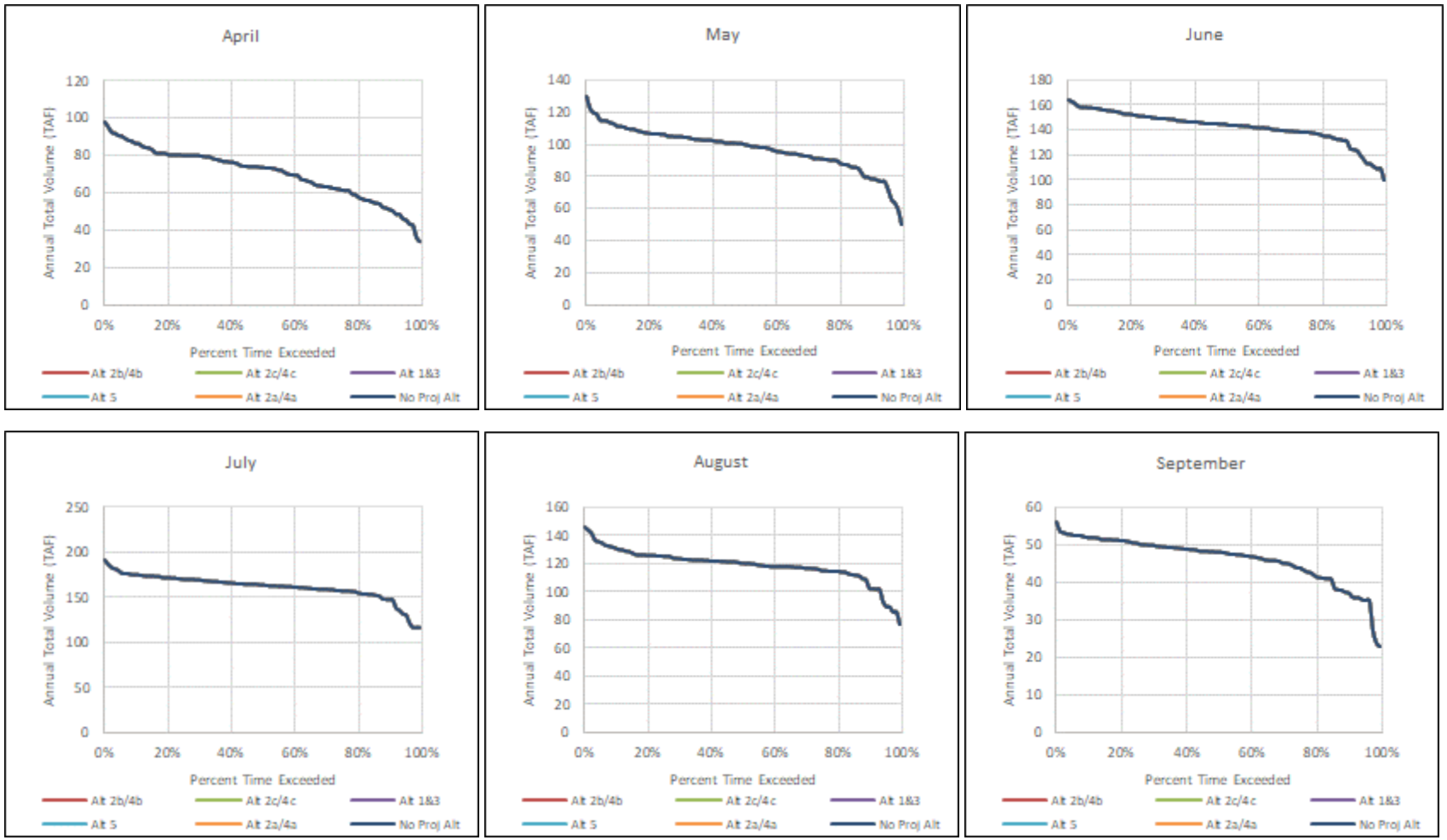


Table 5A-B5.5.8.1-A. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	39	34	4	43	50	72	86	111	157	175	130	52
20%	38	33	4	41	46	68	81	107	152	172	125	51
30%	37	32	3	39	42	64	80	105	149	170	123	50
40%	36	30	3	38	36	61	76	102	146	166	121	49
50%	35	28	3	36	34	56	74	100	144	164	120	48
60%	34	27	2	33	30	54	70	96	142	162	117	47
70%	32	24	2	31	25	50	63	92	139	159	116	45
80%	30	21	2	27	19	46	59	89	136	156	114	42
90%	28	19	1	24	12	38	52	79	125	148	104	37

Table 5A-B5.5.8.1-B. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Annual Volume (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	34	27	3	34	32	56	71	97	142	162	118	46
Wet Water Years	34	27	2	31	24	49	62	102	145	168	124	49
Above Normal Water Years	32	25	3	35	25	57	77	99	145	165	121	49
Below Normal Water Years	35	27	3	36	39	60	75	99	148	165	121	46
Dry Water Years	34	30	3	34	36	63	76	95	143	158	117	47
Critical Water Years	34	30	3	37	44	56	76	83	120	140	100	39

Table 5A-B5.5.8.1-C. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	39	34	4	43	50	72	86	111	157	175	130	52
20%	38	33	4	41	46	68	81	107	152	172	125	51
30%	37	32	3	39	42	64	80	105	149	170	123	50
40%	36	30	3	38	36	61	76	102	146	166	121	49
50%	35	28	3	36	34	56	74	100	144	164	120	48
60%	34	27	2	33	30	54	70	96	142	162	117	47
70%	32	24	2	31	25	50	63	92	139	159	116	45
80%	30	21	2	27	19	46	59	89	136	156	114	42
90%	28	19	1	24	12	38	52	79	125	148	104	37

Table 5A-B5.5.8.1-D. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	34	27	3	34	32	56	71	97	142	162	118	46
Wet Water Years	34	27	2	31	24	49	62	102	145	168	124	49
Above Normal Water Years	32	25	3	35	25	57	77	99	145	165	121	49
Below Normal Water Years	35	27	3	36	39	60	75	99	148	165	121	46
Dry Water Years	34	30	3	34	36	63	76	95	143	158	117	47
Critical Water Years	34	30	3	37	44	56	76	83	120	140	100	39

Table 5A-B5.5.8.1-E. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.8.1-F. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.8.2-A. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	39	34	4	43	50	72	86	111	157	175	130	52
20%	38	33	4	41	46	68	81	107	152	172	125	51
30%	37	32	3	39	42	64	80	105	149	170	123	50
40%	36	30	3	38	36	61	76	102	146	166	121	49
50%	35	28	3	36	34	56	74	100	144	164	120	48
60%	34	27	2	33	30	54	70	96	142	162	117	47
70%	32	24	2	31	25	50	63	92	139	159	116	45
80%	30	21	2	27	19	46	59	89	136	156	114	42
90%	28	19	1	24	12	38	52	79	125	148	104	37

Table 5A-B5.5.8.2-B. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	34	27	3	34	32	56	71	97	142	162	118	46
Wet Water Years	34	27	2	31	24	49	62	102	145	168	124	49
Above Normal Water Years	32	25	3	35	25	57	77	99	145	165	121	49
Below Normal Water Years	35	27	3	36	39	60	75	99	148	165	121	46
Dry Water Years	34	30	3	34	36	63	76	95	143	158	117	47
Critical Water Years	34	30	3	37	44	56	76	83	120	140	100	39

Table 5A-B5.5.8.2-C. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.8.2-D. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.8.3-A. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	39	34	4	43	50	72	86	111	157	175	130	52
20%	38	33	4	41	46	68	81	107	152	172	125	51
30%	37	32	3	39	42	64	80	105	149	170	123	50
40%	36	30	3	38	36	61	76	102	146	166	121	49
50%	35	28	3	36	34	56	74	100	144	164	120	48
60%	34	27	2	33	30	54	70	96	142	162	117	47
70%	32	24	2	31	25	50	63	92	139	159	116	45
80%	30	21	2	27	19	46	59	89	136	156	114	42
90%	28	19	1	24	12	38	52	79	125	148	104	37

Table 5A-B5.5.8.3-B. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	34	27	3	34	32	56	71	97	142	162	118	46
Wet Water Years	34	27	2	31	24	49	62	102	145	168	124	49
Above Normal Water Years	32	25	3	35	25	57	77	99	145	165	121	49
Below Normal Water Years	35	27	3	36	39	60	75	99	148	165	121	46
Dry Water Years	34	30	3	34	36	63	76	95	143	158	117	47
Critical Water Years	34	30	3	37	44	56	76	83	120	140	100	39

Table 5A-B5.5.8.3-C. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.8.3-D. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.8.4-A. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	39	34	4	43	50	72	86	111	157	175	130	52
20%	38	33	4	41	46	68	81	107	152	172	125	51
30%	37	32	3	39	42	64	80	105	149	170	123	50
40%	36	30	3	38	36	61	76	102	146	166	121	49
50%	35	28	3	36	34	56	74	100	144	164	120	48
60%	34	27	2	33	30	54	70	96	142	162	117	47
70%	32	24	2	31	25	50	63	92	139	159	116	45
80%	30	21	2	27	19	46	59	89	136	156	114	42
90%	28	19	1	24	12	38	52	79	125	148	104	37

Table 5A-B5.5.8.4-B. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	34	27	3	34	32	56	71	97	142	162	118	46
Wet Water Years	34	27	2	31	24	49	62	102	145	168	124	49
Above Normal Water Years	32	25	3	35	25	57	77	99	145	165	121	49
Below Normal Water Years	35	27	3	36	39	60	75	99	148	165	121	46
Dry Water Years	34	30	3	34	36	63	76	95	143	158	117	47
Critical Water Years	34	30	3	37	44	56	76	83	120	140	100	39

Table 5A-B5.5.8.4-C. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.8.4-D. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.8.5-A. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	39	34	4	43	50	72	86	111	157	175	130	52
20%	38	33	4	41	46	68	81	107	152	172	125	51
30%	37	32	3	39	42	64	80	105	149	170	123	50
40%	36	30	3	38	36	61	76	102	146	166	121	49
50%	35	28	3	36	34	56	74	100	144	164	120	48
60%	34	27	2	33	30	54	70	96	142	162	117	47
70%	32	24	2	31	25	50	63	92	139	159	116	45
80%	30	21	2	27	19	46	59	89	136	156	114	42
90%	28	19	1	24	12	38	52	79	125	148	104	37

Table 5A-B5.5.8.5-B. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Annual Volume (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	34	27	3	34	32	56	71	97	142	162	118	46
Wet Water Years	34	27	2	31	24	49	62	102	145	168	124	49
Above Normal Water Years	32	25	3	35	25	57	77	99	145	165	121	49
Below Normal Water Years	35	27	3	36	39	60	75	99	148	165	121	46
Dry Water Years	34	30	3	34	36	63	76	95	143	158	117	47
Critical Water Years	34	30	3	37	44	56	76	83	120	140	100	39

Table 5A-B5.5.8.5-C. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.8.5-D. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

B.5.9 SWP Feather River Service Area Deliveries

Figure 5A-B5.5.9.1-A. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Probability of Exceedance for No Project Alternative, October to March

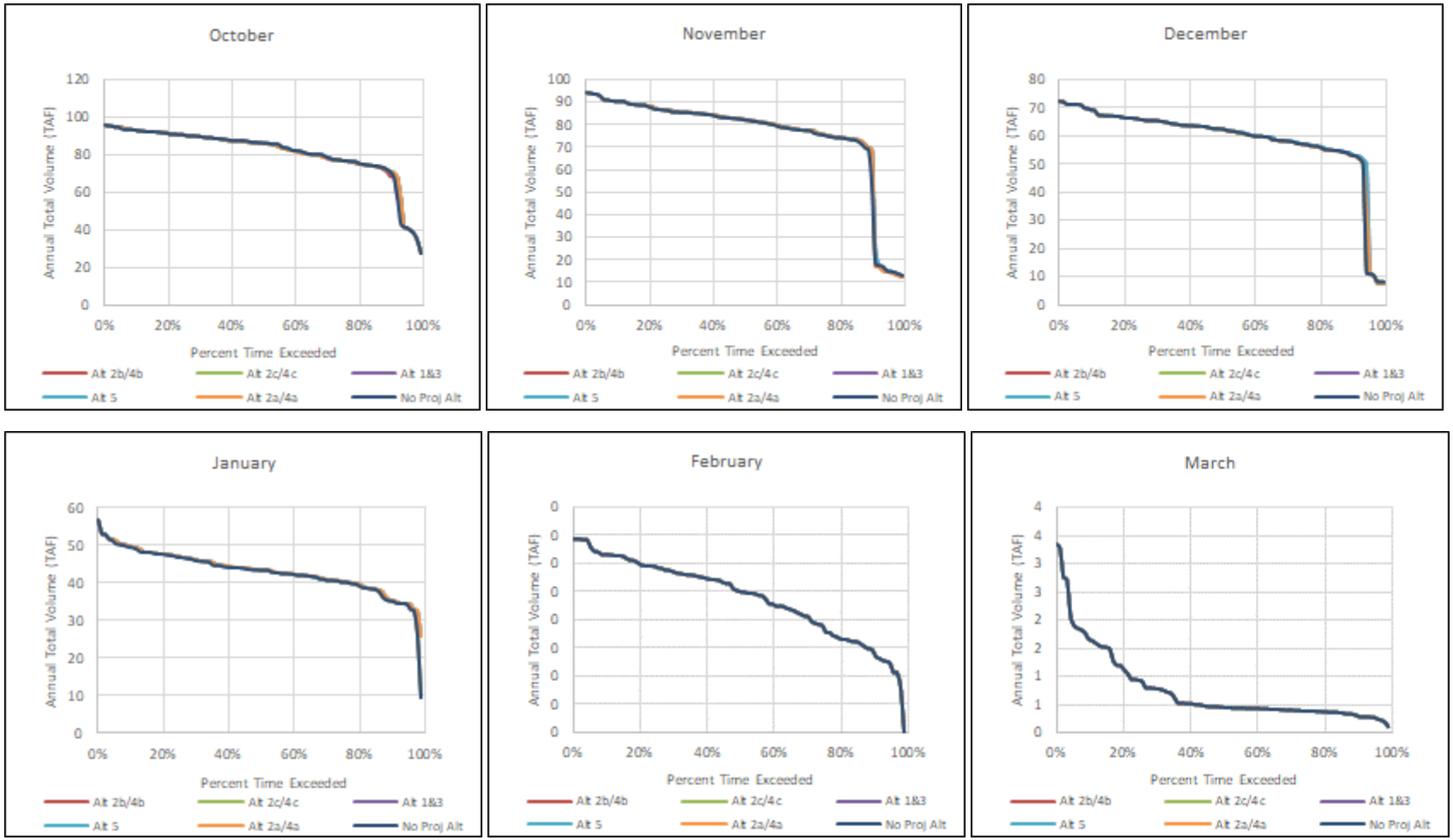


Figure 5A-B5.5.9.1-B. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Probability of Exceedance for No Project Alternative, April to September

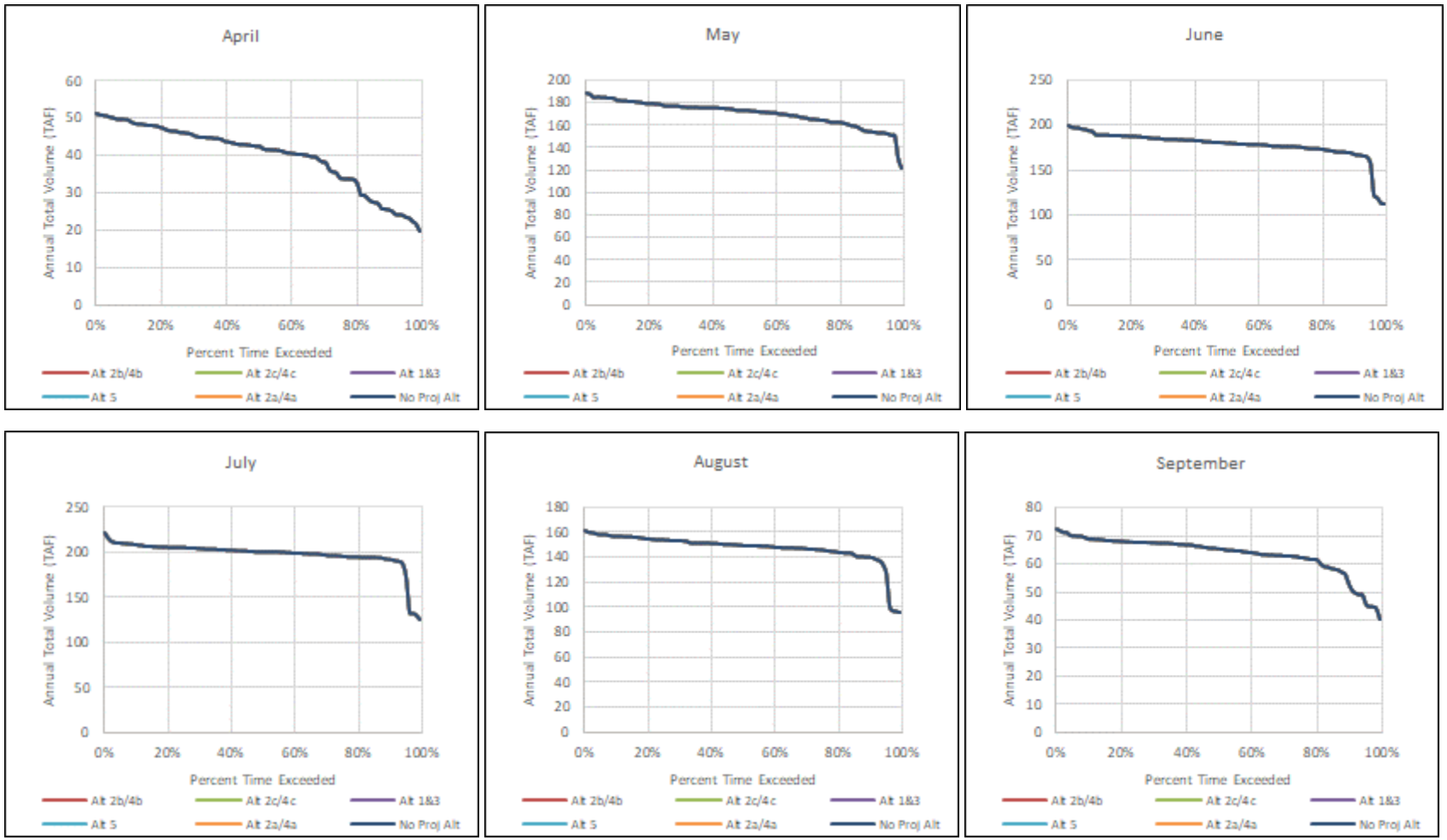


Table 5A-B5.5.9.1-A. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Exceedance Probabilities for Annual Volume (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	93	90	69	49	0	2	50	182	189	208	156	69
20%	92	88	66	48	0	1	48	179	187	205	154	68
30%	90	85	65	46	0	1	46	176	184	204	153	67
40%	88	84	64	44	0	1	44	175	183	202	151	67
50%	87	82	62	43	0	0	43	173	180	200	149	65
60%	83	79	60	42	0	0	41	171	178	199	148	64
70%	79	77	58	41	0	0	38	166	176	197	147	63
80%	76	74	56	40	0	0	33	162	173	194	144	61
90%	72	57	53	35	0	0	26	154	168	192	140	54

Table 5A-B5.5.9.1-B. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Annual Volume (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	82	76	59	43	0	1	40	170	178	198	147	63
Wet Water Years	81	73	54	40	0	1	35	168	177	199	149	65
Above Normal Water Years	84	79	62	43	0	0	44	174	180	200	149	65
Below Normal Water Years	81	78	60	45	0	1	41	171	183	201	150	62
Dry Water Years	84	75	63	45	0	1	44	173	185	201	150	66
Critical Water Years	82	76	61	44	0	1	45	168	160	179	132	58

Table 5A-B5.5.9.1-C. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	93	90	69	50	0	2	50	182	189	208	156	69
20%	92	88	66	48	0	1	48	179	187	205	154	68
30%	90	85	65	46	0	1	46	176	184	204	153	67
40%	88	84	64	44	0	1	44	175	183	202	151	67
50%	87	82	62	43	0	0	43	173	180	200	149	65
60%	82	80	60	42	0	0	41	171	178	199	148	64
70%	79	77	58	41	0	0	38	166	176	197	147	63
80%	75	74	56	40	0	0	33	162	173	194	144	61
90%	69	69	53	35	0	0	26	154	168	192	140	54

Table 5A-B5.5.9.1-D. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	82	76	59	43	0	1	40	170	178	198	147	63
Wet Water Years	80	72	54	40	0	1	35	168	177	199	149	65
Above Normal Water Years	84	79	62	43	0	0	44	174	180	200	149	65
Below Normal Water Years	83	78	60	45	0	1	41	171	183	201	150	62
Dry Water Years	81	75	63	45	0	1	44	173	185	201	150	66
Critical Water Years	82	81	61	45	0	1	45	168	160	179	132	58

Table 5A-B5.5.9.1-E. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	-1	0	0	0	0	0	0	0	0	0	0	0
90%	-2	12	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.9.1-F. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	-1	-1	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	2	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	-3	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	5	0	1	0	0	0	0	0	0	0	0

Table 5A-B5.5.9.2-A. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	93	90	69	50	0	2	50	182	189	208	156	69
20%	92	88	66	48	0	1	48	179	187	205	154	68
30%	90	85	65	46	0	1	46	176	184	204	153	67
40%	88	84	64	44	0	1	44	175	183	202	151	67
50%	87	82	62	43	0	0	43	173	180	200	149	65
60%	82	79	60	42	0	0	41	171	178	199	148	64
70%	79	77	58	41	0	0	38	166	176	197	147	63
80%	76	74	56	40	0	0	33	162	173	194	144	61
90%	72	68	53	35	0	0	26	154	168	192	140	54

Table 5A-B5.5.9.2-B. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	82	76	59	43	0	1	40	170	178	198	147	63
Wet Water Years	81	72	54	40	0	1	35	168	177	199	149	65
Above Normal Water Years	84	79	62	43	0	0	44	174	180	200	149	65
Below Normal Water Years	83	78	60	45	0	1	41	171	183	201	150	62
Dry Water Years	82	75	63	45	0	1	44	173	185	201	150	66
Critical Water Years	82	80	61	45	0	1	45	168	160	179	132	58

Table 5A-B5.5.9.2-C. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	11	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.9.2-D. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	-1	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	2	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	-2	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	4	0	1	0	0	0	0	0	0	0	0

Table 5A-B5.5.9.3-A. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	93	90	69	50	0	2	50	182	189	208	156	69
20%	92	88	66	48	0	1	48	179	187	205	154	68
30%	90	85	65	46	0	1	46	176	184	204	153	67
40%	88	84	64	44	0	1	44	175	183	202	151	67
50%	87	82	62	43	0	0	43	173	180	200	149	65
60%	83	80	60	42	0	0	41	171	178	199	148	64
70%	79	77	58	41	0	0	38	166	176	197	147	63
80%	76	74	56	40	0	0	33	162	173	194	144	61
90%	72	69	54	36	0	0	26	154	168	192	140	54

Table 5A-B5.5.9.3-B. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	82	76	59	43	0	1	40	170	178	198	147	63
Wet Water Years	81	72	54	40	0	1	35	168	177	199	149	65
Above Normal Water Years	84	79	62	43	0	0	44	174	180	200	149	65
Below Normal Water Years	83	78	60	45	0	1	41	171	183	201	150	62
Dry Water Years	82	75	63	45	0	1	44	173	185	201	150	66
Critical Water Years	82	82	65	47	0	1	45	168	160	179	132	58

Table 5A-B5.5.9.3-C. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	1	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	12	1	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.9.3-D. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	1	0	0	0	0	0	0	0	0	0
Wet Water Years	0	-1	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	2	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	-2	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	6	4	3	0	0	0	0	0	0	0	0

Table 5A-B5.5.9.4-A. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	93	90	69	50	0	2	50	182	189	208	156	69
20%	92	88	66	48	0	1	48	179	187	205	154	68
30%	90	85	65	46	0	1	46	176	184	204	153	67
40%	88	84	64	45	0	1	44	175	183	202	151	67
50%	87	82	62	43	0	0	43	173	180	200	149	65
60%	82	80	60	42	0	0	41	171	178	199	148	64
70%	79	77	58	41	0	0	38	166	176	197	147	63
80%	76	74	56	40	0	0	33	162	173	194	144	61
90%	72	69	53	36	0	0	26	154	168	192	140	54

Table 5A-B5.5.9.4-B. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	82	76	59	43	0	1	40	170	178	198	147	63
Wet Water Years	80	72	54	40	0	1	35	168	177	199	149	65
Above Normal Water Years	84	79	62	43	0	0	44	174	180	200	149	65
Below Normal Water Years	83	78	60	45	0	1	41	171	183	201	150	62
Dry Water Years	83	75	63	45	0	1	44	173	185	201	150	66
Critical Water Years	82	82	63	48	0	1	45	168	160	179	132	58

Table 5A-B5.5.9.4-C. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	1	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	12	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.9.4-D. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	-1	-1	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	2	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	-1	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	6	2	4	0	0	0	0	0	0	0	0

Table 5A-B5.5.9.5-A. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	93	90	69	50	0	2	50	182	189	208	156	69
20%	92	88	66	48	0	1	48	179	187	205	154	68
30%	90	85	65	46	0	1	46	176	184	204	153	67
40%	88	84	64	44	0	1	44	175	183	202	151	67
50%	87	82	62	43	0	0	43	173	180	200	149	65
60%	83	80	60	42	0	0	41	171	178	199	148	64
70%	79	77	58	41	0	0	38	166	176	197	147	63
80%	76	74	56	40	0	0	33	162	173	194	144	61
90%	72	69	54	36	0	0	26	154	168	192	140	54

Table 5A-B5.5.9.5-B. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Annual Volume (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	82	76	59	43	0	1	40	170	178	198	147	63
Wet Water Years	81	72	54	40	0	1	35	168	177	199	149	65
Above Normal Water Years	84	79	62	43	0	0	44	174	180	200	149	65
Below Normal Water Years	83	78	60	45	0	1	41	171	183	201	150	62
Dry Water Years	82	75	63	45	0	1	44	173	185	201	150	66
Critical Water Years	82	82	65	47	0	1	45	168	160	179	132	58

Table 5A-B5.5.9.5-C. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	1	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	12	1	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.9.5-D. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	1	0	0	0	0	0	0	0	0	0
Wet Water Years	0	-1	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	2	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	-2	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	6	4	3	0	0	0	0	0	0	0	0

B.5.10 SWP Table A Deliveries

Figure 5A-B5.5.10.1-A. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Probability of Exceedance for No Project Alternative, October to March

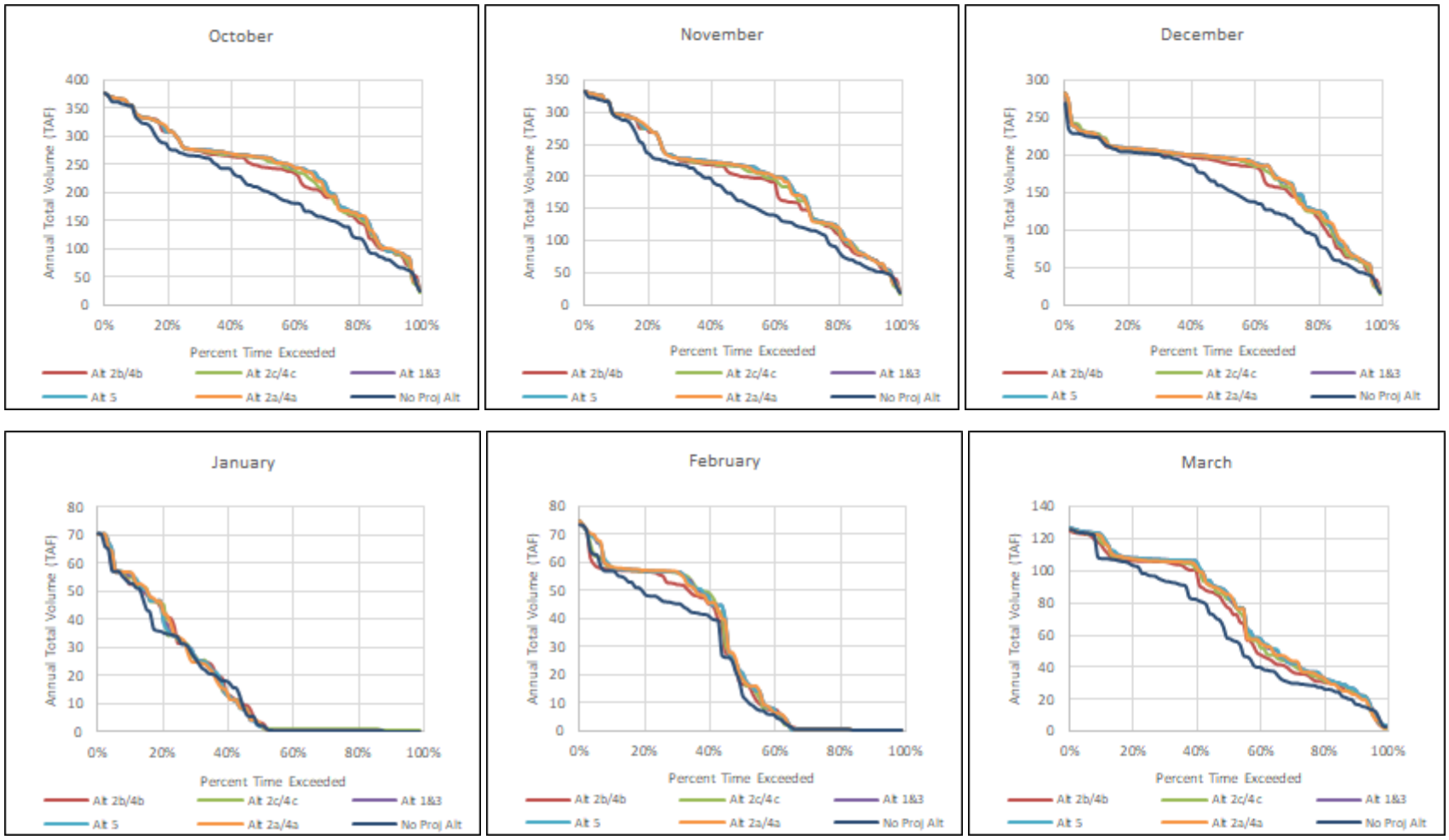


Figure 5A-B5.5.10.1-B. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Probability of Exceedance for No Project Alternative, April to September

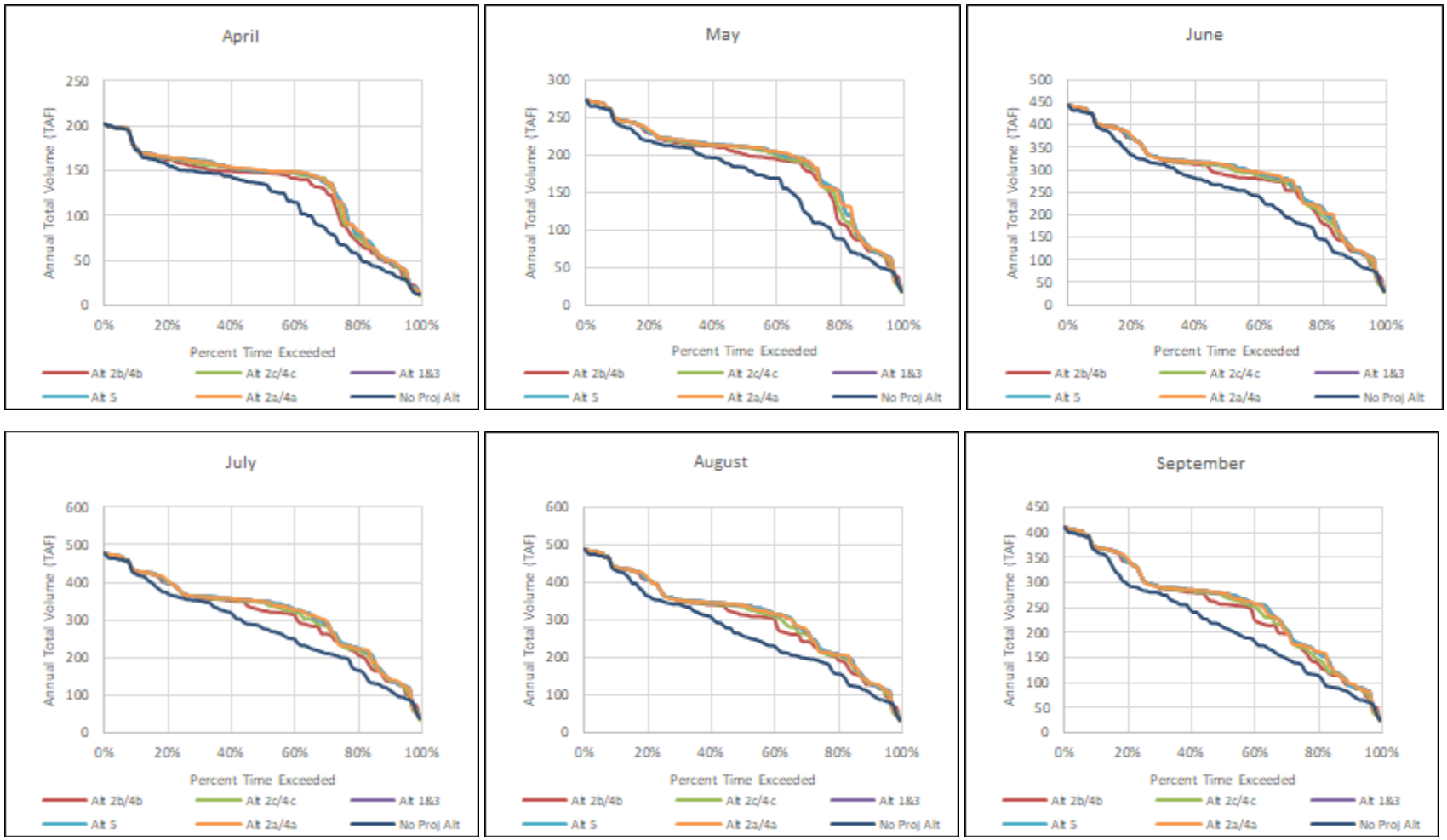


Table 5A-B5.5.10.1-A. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	334	293	223	53	57	108	173	242	392	423	432	363
20%	282	237	204	36	49	103	156	220	334	371	364	296
30%	265	219	200	27	45	93	148	211	313	352	342	279
40%	241	197	186	18	41	82	143	197	282	319	308	245
50%	205	162	158	3	16	58	135	184	262	280	259	212
60%	181	141	137	1	6	40	114	169	242	250	231	184
70%	155	120	119	1	1	30	86	122	194	212	198	149
80%	119	88	87	1	1	27	57	88	147	168	157	115
90%	81	58	53	0	1	18	37	61	102	117	110	81

Table 5A-B5.5.10.1-B. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Annual Volume (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	207	170	149	18	25	63	116	165	252	276	267	215
Wet Water Years	231	197	163	36	46	99	156	219	341	373	370	307
Above Normal Water Years	228	182	171	22	40	87	144	194	290	323	315	259
Below Normal Water Years	206	169	147	9	16	49	119	171	251	270	254	202
Dry Water Years	186	149	137	1	2	26	62	91	148	166	156	107
Critical Water Years	150	117	111	2	2	23	41	63	103	116	108	81

Table 5A-B5.5.10.1-C. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	340	298	227	53	57	116	175	247	401	432	442	371
20%	310	272	209	44	57	107	163	230	371	400	408	343
30%	274	226	202	27	52	106	154	216	322	361	351	289
40%	264	219	198	14	45	99	150	212	313	353	342	281
50%	246	200	191	4	17	77	148	201	289	326	314	257
60%	235	192	185	1	8	48	142	195	281	315	303	230
70%	193	149	155	1	1	38	129	179	255	264	243	198
80%	151	112	117	1	1	31	72	112	186	212	198	139
90%	97	74	64	0	1	24	49	72	120	137	129	95

Table 5A-B5.5.10.1-D. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	232	192	168	18	28	71	129	183	281	308	301	245
Wet Water Years	251	214	172	37	51	108	164	231	362	396	396	330
Above Normal Water Years	263	215	199	21	43	94	154	215	323	361	353	292
Below Normal Water Years	235	196	172	11	18	57	135	192	284	310	298	245
Dry Water Years	206	164	155	1	4	35	90	131	198	214	200	143
Critical Water Years	181	141	138	2	1	25	47	72	118	133	123	92

Table 5A-B5.5.10.1-E. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	6	5	5	0	1	8	2	6	9	10	10	8
20%	28	35	5	8	8	4	7	10	37	29	44	47
30%	10	7	2	1	7	13	6	5	8	9	9	10
40%	24	22	12	-4	4	17	7	15	31	33	34	36
50%	41	39	33	1	2	19	13	17	27	46	56	45
60%	54	51	48	0	2	9	27	26	39	65	72	46
70%	38	29	35	0	0	8	43	57	61	52	45	49
80%	32	23	30	0	0	4	15	24	39	44	42	25
90%	17	17	11	0	0	6	12	11	19	21	19	15

Table 5A-B5.5.10.1-F. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	25	22	19	1	2	8	13	19	29	32	34	30
Wet Water Years	20	17	9	1	5	9	8	11	22	23	26	23
Above Normal Water Years	35	32	29	-1	3	8	10	21	33	38	39	33
Below Normal Water Years	29	26	25	2	1	8	17	21	33	41	44	42
Dry Water Years	20	15	18	0	2	8	28	40	50	48	44	36
Critical Water Years	31	24	27	0	0	2	6	9	14	16	15	11

Table 5A-B5.5.10.2-A. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	340	299	229	55	59	118	174	247	401	432	441	371
20%	309	275	209	45	57	108	164	230	372	401	409	343
30%	276	229	204	27	57	106	157	218	325	364	354	292
40%	267	221	201	13	49	101	153	214	317	356	346	284
50%	261	214	196	2	19	82	150	210	307	348	337	275
60%	241	197	186	1	8	53	147	199	288	322	310	253
70%	201	161	159	1	1	42	141	185	267	286	264	211
80%	158	118	123	1	1	32	76	130	202	221	205	148
90%	97	75	67	0	1	24	50	74	125	143	133	96

Table 5A-B5.5.10.2-B. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	236	196	171	18	29	73	132	187	286	314	307	250
Wet Water Years	254	216	174	37	53	110	165	231	363	397	398	332
Above Normal Water Years	277	227	209	19	42	95	156	217	327	365	358	296
Below Normal Water Years	238	199	176	10	18	60	141	199	293	322	310	255
Dry Water Years	206	165	158	1	4	37	96	139	208	226	212	151
Critical Water Years	187	147	138	2	1	26	47	72	118	133	123	92

Table 5A-B5.5.10.2-C. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	6	6	7	2	2	10	1	5	9	9	9	8
20%	27	38	5	10	8	5	8	11	38	30	45	47
30%	11	10	4	0	11	13	9	6	11	12	12	13
40%	26	25	15	-5	8	19	10	17	34	36	37	39
50%	56	53	38	-1	4	24	14	26	45	68	78	63
60%	59	56	49	0	2	13	33	30	46	72	80	70
70%	46	41	40	0	0	12	55	63	73	74	66	62
80%	39	30	36	0	0	5	19	42	55	54	49	33
90%	16	17	14	0	0	6	13	14	23	26	23	16

Table 5A-B5.5.10.2-D. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	29	26	23	1	4	9	16	22	34	38	40	35
Wet Water Years	23	20	12	2	7	11	9	12	23	25	28	25
Above Normal Water Years	49	45	39	-3	2	8	12	23	37	42	43	36
Below Normal Water Years	32	29	29	1	2	11	22	27	42	52	56	53
Dry Water Years	20	16	21	0	2	10	34	48	60	60	56	44
Critical Water Years	37	30	27	0	0	3	7	9	15	17	16	11

Table 5A-B5.5.10.3-A. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	340	298	227	56	58	121	174	248	402	433	442	372
20%	309	275	210	42	57	108	165	230	371	400	408	342
30%	276	229	206	27	57	107	161	220	325	365	354	292
40%	269	224	201	14	48	105	153	214	318	358	348	286
50%	263	218	198	3	21	84	149	211	312	351	340	279
60%	245	201	190	1	8	57	148	203	295	329	317	258
70%	216	164	163	1	1	42	136	191	276	290	268	203
80%	163	122	126	1	1	33	80	151	218	227	210	159
90%	96	74	72	0	1	26	51	76	127	145	135	97

Table 5A-B5.5.10.3-B. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	239	198	173	18	29	74	134	189	290	318	311	254
Wet Water Years	255	218	175	38	54	111	165	232	364	399	399	333
Above Normal Water Years	282	231	213	19	44	95	156	217	328	365	358	296
Below Normal Water Years	242	201	179	10	19	62	142	202	298	328	316	260
Dry Water Years	208	168	160	1	4	38	102	146	217	236	222	162
Critical Water Years	193	151	142	2	1	26	49	76	123	137	127	96

Table 5A-B5.5.10.3-C. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	6	5	5	3	1	14	1	6	10	10	10	9
20%	27	37	6	7	8	5	9	10	37	29	44	46
30%	12	10	6	0	11	13	13	8	11	13	12	13
40%	28	27	15	-5	7	23	10	17	36	38	39	41
50%	58	56	40	0	6	26	14	28	50	72	82	67
60%	64	60	52	0	2	18	33	34	52	79	86	74
70%	62	44	44	0	0	12	51	69	82	78	70	54
80%	44	34	39	0	0	6	23	63	71	59	53	44
90%	15	16	19	0	0	8	14	15	25	28	25	16

Table 5A-B5.5.10.3-D. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	33	28	25	1	4	11	18	25	38	42	44	39
Wet Water Years	24	21	13	2	8	12	9	13	24	26	29	26
Above Normal Water Years	54	49	42	-3	4	9	12	23	37	43	44	37
Below Normal Water Years	36	31	32	1	2	13	24	30	47	58	62	58
Dry Water Years	22	19	23	0	2	12	39	55	69	70	66	55
Critical Water Years	43	33	31	0	0	4	8	13	19	21	20	15

Table 5A-B5.5.10.4-A. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	340	298	227	57	58	121	174	248	402	433	442	372
20%	313	277	209	44	57	108	165	233	375	404	413	347
30%	276	228	206	25	57	106	160	220	324	364	353	291
40%	269	223	201	14	46	103	154	214	317	358	347	286
50%	263	217	197	4	20	86	150	211	311	351	340	279
60%	245	200	190	1	7	56	148	205	295	329	317	258
70%	201	162	166	1	1	45	138	192	277	300	277	203
80%	162	122	124	1	1	34	84	147	214	224	208	162
90%	100	75	71	0	1	24	51	76	127	144	135	100

Table 5A-B5.5.10.4-B. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	239	197	173	18	29	74	134	190	289	318	311	253
Wet Water Years	255	217	175	38	53	111	165	232	364	399	399	332
Above Normal Water Years	280	229	213	20	44	96	156	217	328	365	358	296
Below Normal Water Years	239	200	178	10	18	62	143	202	298	327	315	259
Dry Water Years	211	167	159	1	4	37	102	145	216	236	222	160
Critical Water Years	193	149	143	2	1	26	49	77	122	136	126	95

Table 5A-B5.5.10.4-C. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	6	5	5	4	1	14	1	6	9	10	10	9
20%	31	40	6	8	8	5	9	14	41	33	49	50
30%	11	9	6	-1	11	13	12	8	10	12	11	12
40%	28	26	15	-4	5	21	11	17	35	39	39	41
50%	58	55	39	1	4	28	15	27	49	71	81	67
60%	64	60	52	0	1	16	34	36	53	79	87	74
70%	47	42	46	0	0	15	52	70	83	88	79	53
80%	42	33	37	0	0	7	27	59	67	56	51	47
90%	20	17	18	0	0	6	14	15	25	28	25	20

Table 5A-B5.5.10.4-D. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	32	27	24	1	4	11	18	25	37	42	43	38
Wet Water Years	24	21	12	2	7	12	9	13	24	26	29	25
Above Normal Water Years	52	47	42	-2	3	9	12	23	37	43	43	37
Below Normal Water Years	33	30	31	1	2	13	24	31	47	57	61	57
Dry Water Years	24	18	22	0	2	11	39	54	68	70	66	53
Critical Water Years	43	32	31	0	0	3	8	13	19	19	18	14

Table 5A-B5.5.10.5-A. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	340	298	227	57	58	122	174	248	402	433	442	372
20%	308	275	210	42	57	108	165	230	371	400	409	342
30%	276	229	206	27	57	107	161	220	325	365	354	292
40%	269	224	201	14	48	105	153	214	318	358	347	286
50%	263	218	197	3	21	84	149	211	312	351	340	279
60%	245	201	190	1	8	57	148	203	295	329	317	258
70%	216	168	165	1	1	42	136	191	276	294	271	203
80%	163	122	126	1	1	33	80	151	218	227	210	159
90%	96	74	72	0	1	26	51	76	127	145	135	97

Table 5A-B5.5.10.5-B. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Annual Volume (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	239	198	173	18	29	74	134	189	290	318	311	254
Wet Water Years	255	218	176	38	54	111	165	232	364	399	399	333
Above Normal Water Years	282	231	213	20	44	95	156	217	328	365	358	296
Below Normal Water Years	242	201	179	10	19	62	143	202	298	328	317	261
Dry Water Years	208	168	160	1	4	38	102	146	217	236	222	162
Critical Water Years	193	151	142	2	1	26	49	76	123	137	127	96

Table 5A-B5.5.10.5-C. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	6	5	5	4	1	14	1	6	10	10	10	9
20%	27	38	6	6	8	5	8	10	37	29	44	46
30%	12	10	6	0	11	13	13	8	11	13	12	13
40%	28	27	15	-5	7	23	10	17	36	38	39	41
50%	58	56	40	0	6	26	14	28	50	72	82	67
60%	64	60	52	0	2	18	33	34	52	79	86	74
70%	62	48	46	0	0	12	51	69	82	82	72	54
80%	44	34	39	0	0	6	23	63	71	59	53	45
90%	15	16	19	0	0	8	14	15	25	28	25	16

Table 5A-B5.5.10.5-D. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	33	28	25	1	4	11	18	25	38	42	44	39
Wet Water Years	24	21	13	2	8	12	9	13	24	26	29	26
Above Normal Water Years	54	49	42	-2	4	9	12	23	37	42	43	37
Below Normal Water Years	36	31	32	1	2	13	24	31	47	58	62	58
Dry Water Years	22	19	23	0	2	12	39	55	69	70	66	55
Critical Water Years	43	33	31	0	0	4	8	13	19	21	19	14

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Figure 5A-B5.5.11.1-A. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Probability of Exceedance for No Project Alternative, October to March

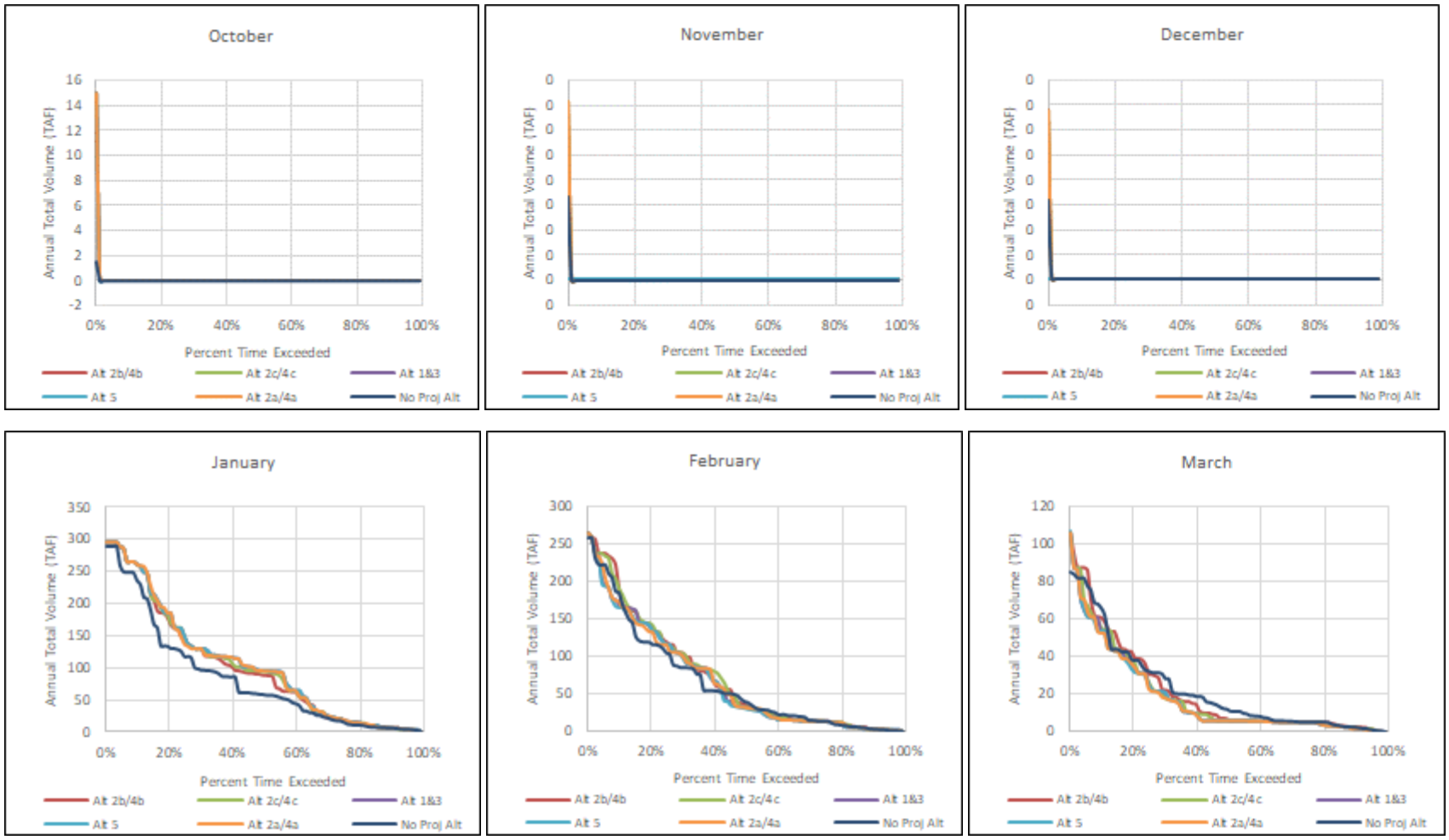


Figure 5A-B5.5.11.1-B. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Probability of Exceedance for No Project Alternative, April to September

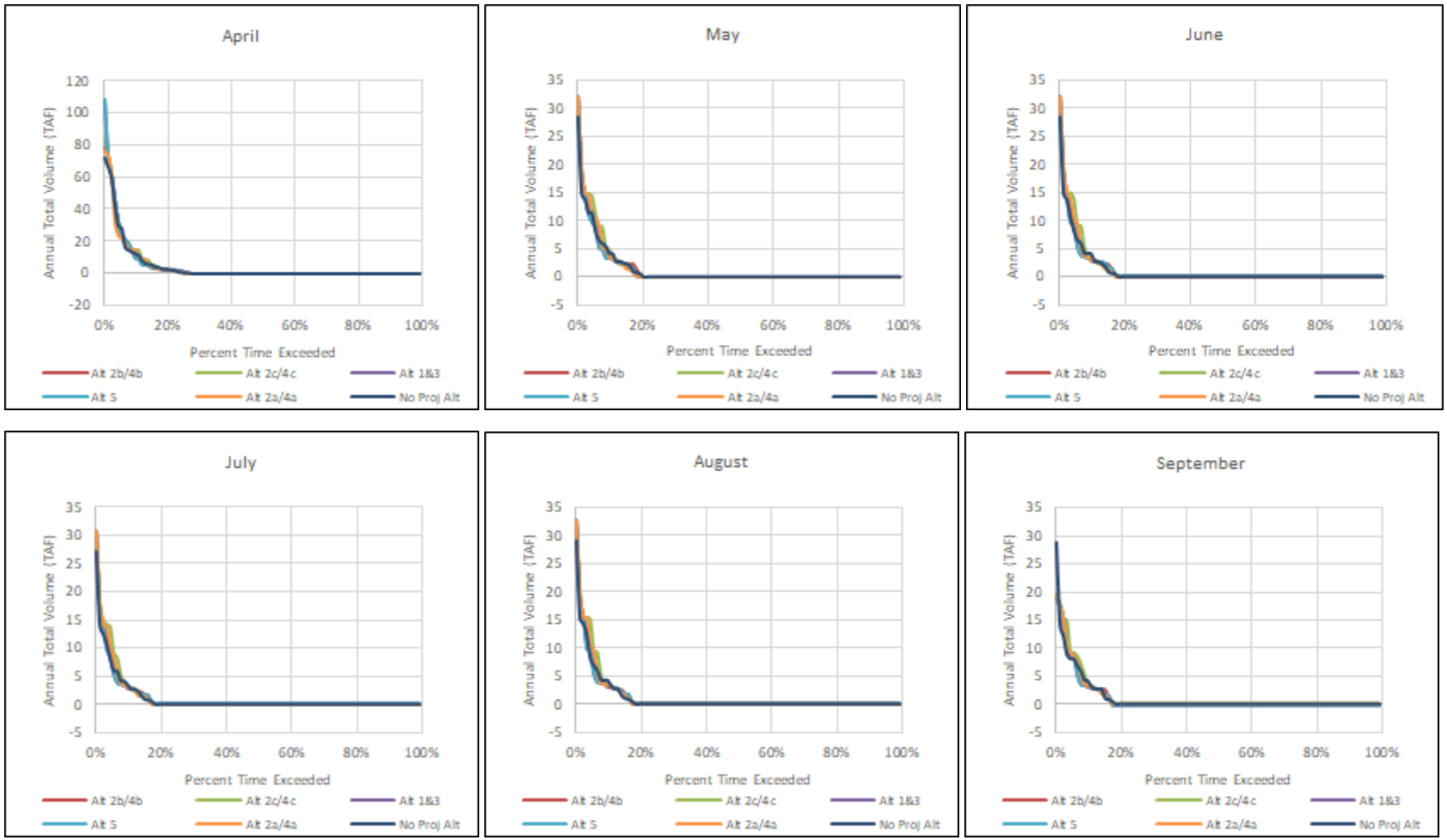


Table 5A-B5.5.11.1-A. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	234	181	65	12	4	4	3	4	4
20%	0	0	0	132	117	39	3	0	0	0	0	0
30%	0	0	0	97	86	29	0	0	0	0	0	0
40%	0	0	0	86	55	19	0	0	0	0	0	0
50%	0	0	0	58	40	12	0	0	0	0	0	0
60%	0	0	0	45	24	8	0	0	0	0	0	0
70%	0	0	0	23	16	6	0	0	0	0	0	0
80%	0	0	0	11	9	5	0	0	0	0	0	0
90%	0	0	0	7	4	3	0	0	0	0	0	0

Table 5A-B5.5.11.1-B. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Annual Volume (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	83	66	22	4	1	1	1	1	1
Wet Water Years	0	0	0	115	91	26	0	0	0	0	0	0
Above Normal Water Years	0	0	0	70	59	20	0	0	0	0	0	0
Below Normal Water Years	0	0	0	85	76	27	7	1	0	0	0	0
Dry Water Years	0	0	0	63	40	18	11	2	2	2	2	2
Critical Water Years	0	0	0	25	13	9	7	7	7	6	7	7

Table 5A-B5.5.11.1-C. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	260	184	60	12	3	3	3	3	3
20%	0	0	0	172	136	41	2	0	0	0	0	0
30%	0	0	0	130	105	22	0	0	0	0	0	0
40%	0	0	0	101	65	14	0	0	0	0	0	0
50%	0	0	0	89	36	7	0	0	0	0	0	0
60%	0	0	0	62	21	6	0	0	0	0	0	0
70%	0	0	0	23	14	5	0	0	0	0	0	0
80%	0	0	0	15	13	5	0	0	0	0	0	0
90%	0	0	0	7	4	3	0	0	0	0	0	0

Table 5A-B5.5.11.1-D. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	100	72	21	5	2	1	1	1	1
Wet Water Years	0	0	0	141	99	20	0	0	0	0	0	0
Above Normal Water Years	0	0	0	94	68	21	0	0	0	0	0	0
Below Normal Water Years	1	0	0	97	81	28	7	1	0	0	0	0
Dry Water Years	0	0	0	69	44	21	11	2	2	2	2	2
Critical Water Years	0	0	0	31	17	12	8	8	8	7	8	7

Table 5A-B5.5.11.1-E. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	26	4	-5	0	-1	-1	0	-1	-1
20%	0	0	0	40	19	2	0	0	0	0	0	0
30%	0	0	0	33	19	-6	0	0	0	0	0	0
40%	0	0	0	15	10	-5	0	0	0	0	0	0
50%	0	0	0	31	-5	-5	0	0	0	0	0	0
60%	0	0	0	18	-3	-2	0	0	0	0	0	0
70%	0	0	0	0	-1	0	0	0	0	0	0	0
80%	0	0	0	4	3	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.11.1-F. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	17	6	-1	0	0	0	0	0	0
Wet Water Years	0	0	0	26	8	-6	0	0	0	0	0	0
Above Normal Water Years	0	0	0	25	10	1	0	0	0	0	0	0
Below Normal Water Years	1	0	0	13	5	1	0	0	0	0	0	0
Dry Water Years	0	0	0	6	5	3	0	0	0	0	0	0
Critical Water Years	0	0	0	7	3	3	1	1	1	1	1	0

Table 5A-B5.5.11.2-A. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	260	188	55	15	4	3	3	3	3
20%	0	0	0	174	143	37	2	0	0	0	0	0
30%	0	0	0	130	104	18	0	0	0	0	0	0
40%	0	0	0	107	80	10	0	0	0	0	0	0
50%	0	0	0	94	33	6	0	0	0	0	0	0
60%	0	0	0	63	21	6	0	0	0	0	0	0
70%	0	0	0	25	15	5	0	0	0	0	0	0
80%	0	0	0	15	13	5	0	0	0	0	0	0
90%	0	0	0	7	4	2	0	0	0	0	0	0

Table 5A-B5.5.11.2-B. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	102	73	19	5	2	1	1	2	1
Wet Water Years	0	0	0	145	97	14	0	0	0	0	0	0
Above Normal Water Years	0	0	0	104	84	19	0	0	0	0	0	0
Below Normal Water Years	1	0	0	98	79	28	7	0	0	0	0	0
Dry Water Years	0	0	0	69	44	21	11	2	2	2	2	2
Critical Water Years	0	0	0	33	17	12	9	9	9	8	9	8

Table 5A-B5.5.11.2-C. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	26	8	-10	3	0	-1	0	0	0
20%	0	0	0	43	25	-1	0	0	0	0	0	0
30%	0	0	0	33	19	-11	0	0	0	0	0	0
40%	0	0	0	21	26	-9	0	0	0	0	0	0
50%	0	0	0	36	-7	-6	0	0	0	0	0	0
60%	0	0	0	19	-3	-3	0	0	0	0	0	0
70%	0	0	0	2	-1	0	0	0	0	0	0	0
80%	0	0	0	4	3	-1	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.11.2-D. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	19	7	-3	0	0	0	0	0	0
Wet Water Years	0	0	0	29	6	-12	0	0	0	0	0	0
Above Normal Water Years	0	0	0	34	25	-1	0	0	0	0	0	0
Below Normal Water Years	1	0	0	14	3	2	1	0	0	0	0	0
Dry Water Years	0	0	0	6	4	3	0	0	0	0	0	0
Critical Water Years	0	0	0	8	4	3	2	2	2	2	2	1

Table 5A-B5.5.11.3-A. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	260	168	54	10	3	3	3	3	3
20%	0	0	0	185	136	35	3	0	0	0	0	0
30%	0	0	0	130	100	21	0	0	0	0	0	0
40%	0	0	0	116	68	9	0	0	0	0	0	0
50%	0	0	0	96	32	6	0	0	0	0	0	0
60%	0	0	0	65	17	6	0	0	0	0	0	0
70%	0	0	0	26	14	5	0	0	0	0	0	0
80%	0	0	0	15	11	4	0	0	0	0	0	0
90%	0	0	0	7	4	2	0	0	0	0	0	0

Table 5A-B5.5.11.3-B. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	104	68	18	5	1	1	1	1	1
Wet Water Years	0	0	0	148	84	11	0	0	0	0	0	0
Above Normal Water Years	0	0	0	107	81	19	0	0	0	0	0	0
Below Normal Water Years	1	0	0	100	79	29	8	0	0	0	0	0
Dry Water Years	0	0	0	69	44	22	10	2	2	2	2	2
Critical Water Years	0	0	0	33	17	12	8	8	8	7	8	7

Table 5A-B5.5.11.3-C. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	26	-12	-12	-3	-1	-1	0	-1	-1
20%	0	0	0	53	19	-4	0	0	0	0	0	0
30%	0	0	0	33	14	-8	0	0	0	0	0	0
40%	0	0	0	30	13	-10	0	0	0	0	0	0
50%	0	0	0	38	-8	-6	0	0	0	0	0	0
60%	0	0	0	20	-7	-3	0	0	0	0	0	0
70%	0	0	0	3	-2	0	0	0	0	0	0	0
80%	0	0	0	4	1	-2	0	0	0	0	0	0
90%	0	0	0	0	0	-1	0	0	0	0	0	0

Table 5A-B5.5.11.3-D. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	21	2	-4	0	0	0	0	0	0
Wet Water Years	0	0	0	32	-7	-15	0	0	0	0	0	0
Above Normal Water Years	0	0	0	37	23	-1	0	0	0	0	0	0
Below Normal Water Years	1	0	0	15	3	2	2	0	0	0	0	0
Dry Water Years	0	0	0	7	5	4	-1	-1	-1	-1	-1	0
Critical Water Years	0	0	0	8	4	3	1	1	1	1	1	0

Table 5A-B5.5.11.4-A. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	261	171	53	13	3	3	3	3	3
20%	0	0	0	185	133	35	2	0	0	0	0	0
30%	0	0	0	130	100	18	0	0	0	0	0	0
40%	0	0	0	116	66	9	0	0	0	0	0	0
50%	0	0	0	95	32	6	0	0	0	0	0	0
60%	0	0	0	64	19	6	0	0	0	0	0	0
70%	0	0	0	25	14	5	0	0	0	0	0	0
80%	0	0	0	14	12	4	0	0	0	0	0	0
90%	0	0	0	7	4	2	0	0	0	0	0	0

Table 5A-B5.5.11.4-B. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	104	68	18	4	1	1	1	1	1
Wet Water Years	0	0	0	148	85	11	0	0	0	0	0	0
Above Normal Water Years	0	0	0	102	80	17	0	0	0	0	0	0
Below Normal Water Years	1	0	0	99	79	28	7	0	0	0	0	0
Dry Water Years	0	0	0	70	45	22	9	3	3	2	3	2
Critical Water Years	0	0	0	32	17	12	8	8	8	7	8	7

Table 5A-B5.5.11.4-C. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	26	-10	-13	1	-1	-1	0	-1	-1
20%	0	0	0	54	15	-3	0	0	0	0	0	0
30%	0	0	0	33	14	-11	0	0	0	0	0	0
40%	0	0	0	30	11	-10	0	0	0	0	0	0
50%	0	0	0	37	-8	-6	0	0	0	0	0	0
60%	0	0	0	20	-5	-3	0	0	0	0	0	0
70%	0	0	0	2	-2	0	0	0	0	0	0	0
80%	0	0	0	3	3	-1	0	0	0	0	0	0
90%	0	0	0	0	0	-1	0	0	0	0	0	0

Table 5A-B5.5.11.4-D. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	21	2	-4	0	0	0	0	0	0
Wet Water Years	0	0	0	33	-6	-15	0	0	0	0	0	0
Above Normal Water Years	0	0	0	32	22	-3	0	0	0	0	0	0
Below Normal Water Years	1	0	0	14	2	1	0	0	0	0	0	0
Dry Water Years	0	0	0	8	5	4	-2	0	0	0	0	0
Critical Water Years	0	0	0	7	4	3	1	1	1	1	1	0

Table 5A-B5.5.11.5-A. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	260	165	54	10	3	3	3	3	3
20%	0	0	0	185	136	32	3	0	0	0	0	0
30%	0	0	0	130	98	21	0	0	0	0	0	0
40%	0	0	0	116	68	9	0	0	0	0	0	0
50%	0	0	0	96	31	6	0	0	0	0	0	0
60%	0	0	0	65	17	6	0	0	0	0	0	0
70%	0	0	0	26	14	5	0	0	0	0	0	0
80%	0	0	0	14	11	4	0	0	0	0	0	0
90%	0	0	0	7	4	2	0	0	0	0	0	0

Table 5A-B5.5.11.5-B. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Annual Volume (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	104	67	18	5	1	1	1	1	1
Wet Water Years	0	0	0	148	82	10	0	0	0	0	0	0
Above Normal Water Years	0	0	0	107	79	19	0	0	0	0	0	0
Below Normal Water Years	1	0	0	100	79	29	8	0	0	0	0	0
Dry Water Years	0	0	0	69	44	22	10	2	2	2	2	2
Critical Water Years	0	0	0	33	17	12	8	8	8	7	8	7

Table 5A-B5.5.11.5-C. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	26	-15	-12	-3	-1	-1	0	-1	-1
20%	0	0	0	53	19	-6	0	0	0	0	0	0
30%	0	0	0	33	12	-8	0	0	0	0	0	0
40%	0	0	0	31	13	-10	0	0	0	0	0	0
50%	0	0	0	38	-9	-6	0	0	0	0	0	0
60%	0	0	0	21	-7	-3	0	0	0	0	0	0
70%	0	0	0	3	-2	0	0	0	0	0	0	0
80%	0	0	0	4	1	-2	0	0	0	0	0	0
90%	0	0	0	0	0	-1	0	0	0	0	0	0

Table 5A-B5.5.11.5-D. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	21	1	-4	0	0	0	0	0	0
Wet Water Years	0	0	0	32	-9	-16	0	0	0	0	0	0
Above Normal Water Years	0	0	0	37	20	-1	0	0	0	0	0	0
Below Normal Water Years	1	0	0	15	3	2	2	0	0	0	0	0
Dry Water Years	0	0	0	7	5	4	-1	-1	-1	-1	-1	0
Critical Water Years	0	0	0	8	4	3	1	1	1	1	1	0

B.5.12 SWP Article 21 Deliveries

Figure 5A-B5.5.12.1-A. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Probability of Exceedance for No Project Alternative, October to March

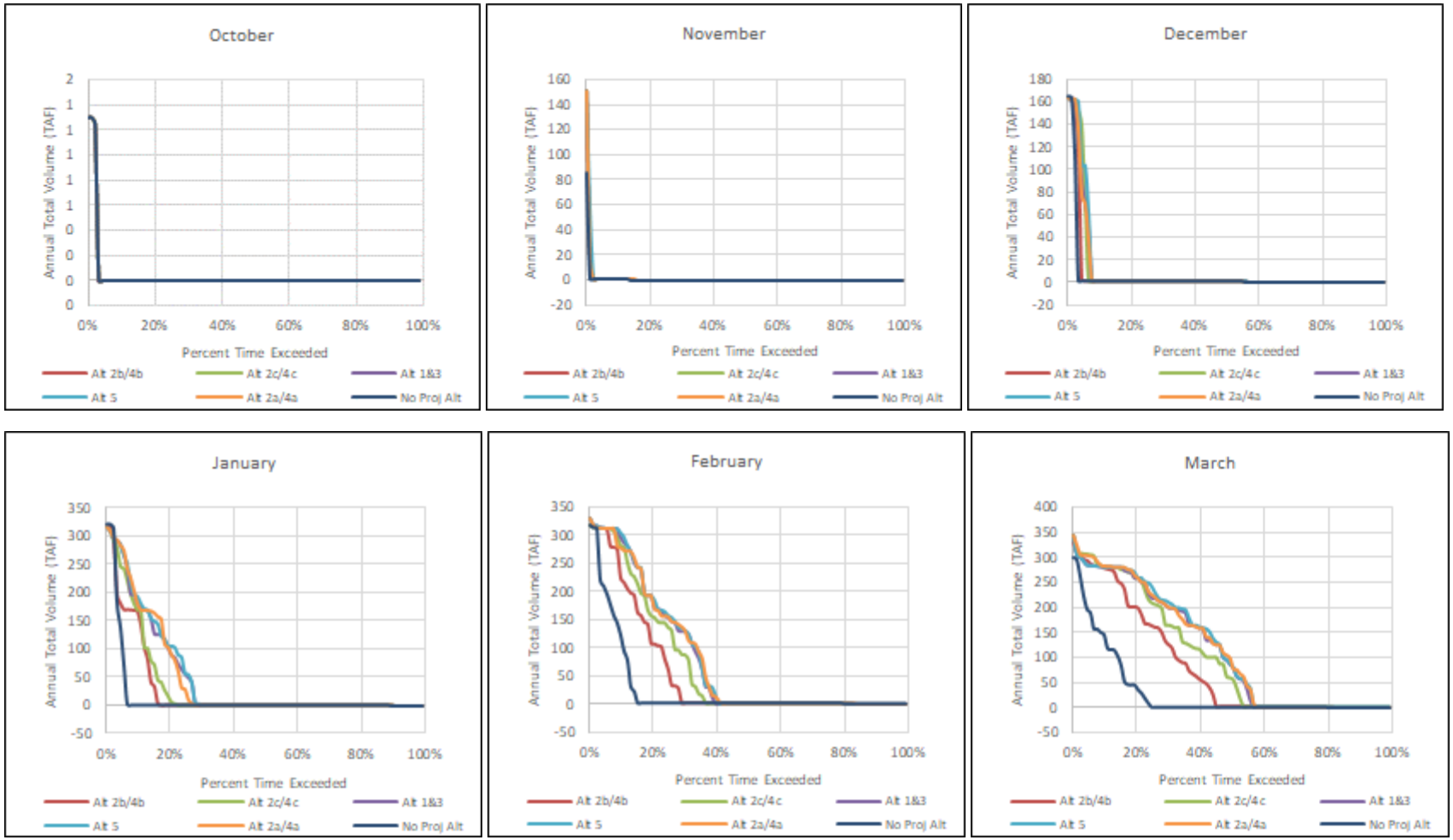


Figure 5A-B5.5.12.1-B. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Probability of Exceedance for No Project Alternative, April to September

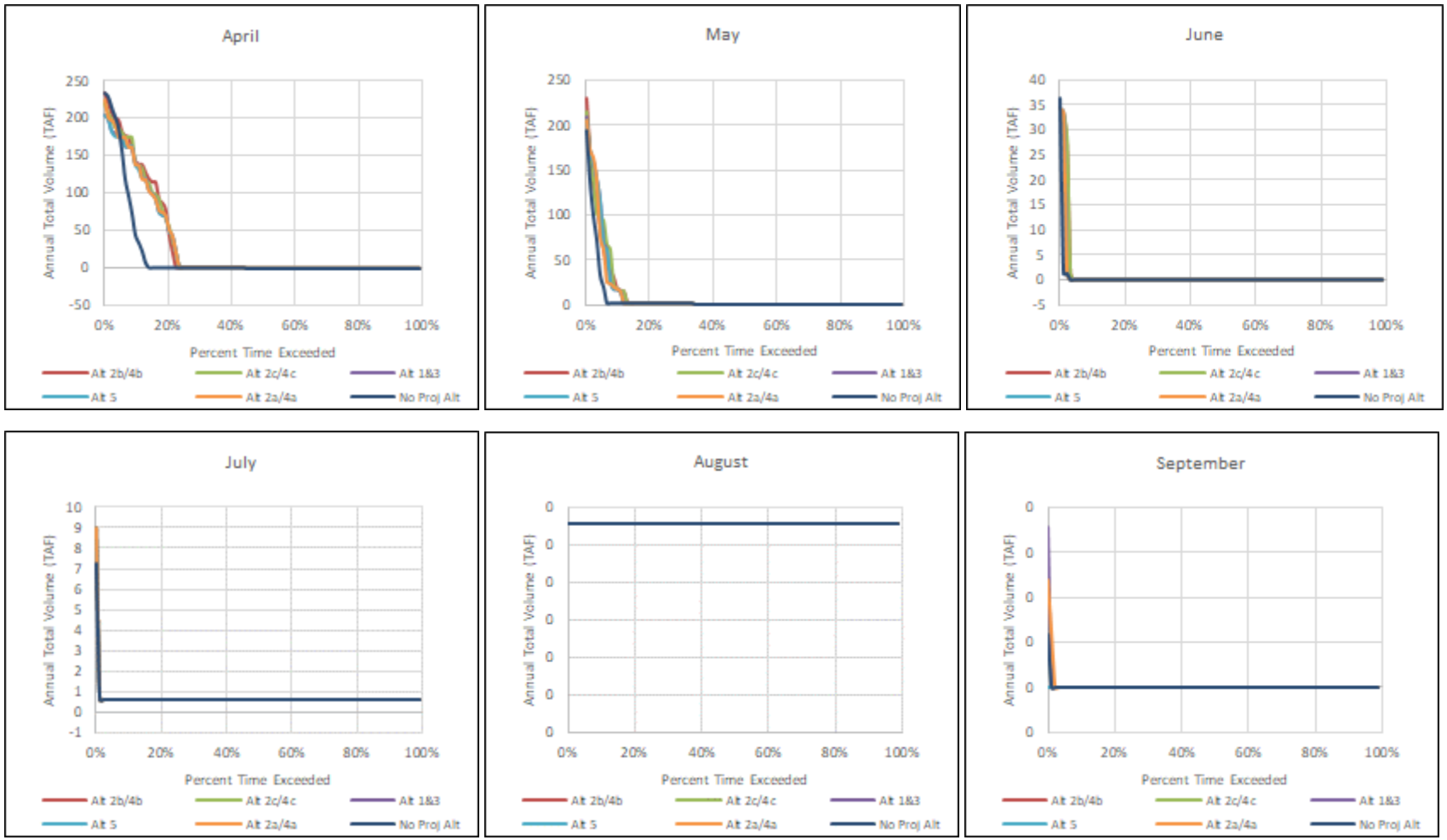


Table 5A-B5.5.12.1-A. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	1	1	1	113	138	42	2	0	1	0	0
20%	0	0	1	1	1	40	1	2	0	1	0	0
30%	0	0	1	1	1	1	1	2	0	1	0	0
40%	0	0	1	1	1	1	1	1	0	1	0	0
50%	0	0	1	1	1	1	0	1	0	1	0	0
60%	0	0	0	1	1	1	0	1	0	1	0	0
70%	0	0	0	1	1	1	0	1	0	1	0	0
80%	0	0	0	1	1	1	0	1	0	1	0	0
90%	0	0	0	0	0	0	0	1	0	1	0	0

Table 5A-B5.5.12.1-B. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Annual Volume (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	1	5	15	26	32	18	7	0	1	0	0
Wet Water Years	0	3	14	40	61	72	49	12	1	1	0	0
Above Normal Water Years	0	0	1	9	34	48	4	22	0	1	0	0
Below Normal Water Years	0	0	0	1	1	4	0	1	0	1	0	0
Dry Water Years	0	0	0	1	1	1	0	1	0	1	0	0
Critical Water Years	0	0	0	1	7	4	0	1	0	1	0	0

Table 5A-B5.5.12.1-C. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	1	1	160	221	277	141	18	0	1	0	0
20%	0	0	1	1	106	199	57	2	0	1	0	0
30%	0	0	1	1	1	125	1	2	0	1	0	0
40%	0	0	1	1	1	55	1	1	0	1	0	0
50%	0	0	1	1	1	1	0	1	0	1	0	0
60%	0	0	0	1	1	1	0	1	0	1	0	0
70%	0	0	0	1	1	1	0	1	0	1	0	0
80%	0	0	0	1	1	1	0	1	0	1	0	0
90%	0	0	0	1	0	0	0	1	0	1	0	0

Table 5A-B5.5.12.1-D. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	2	7	28	54	81	32	11	1	1	0	0
Wet Water Years	0	5	19	62	121	177	82	23	3	1	0	0
Above Normal Water Years	0	0	1	36	78	141	16	26	0	1	0	0
Below Normal Water Years	0	0	1	10	12	20	6	1	0	1	0	0
Dry Water Years	0	0	0	1	1	1	0	1	0	1	0	0
Critical Water Years	0	0	0	1	1	0	0	1	0	1	0	0

Table 5A-B5.5.12.1-E. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	158	107	139	99	16	0	0	0	0
20%	0	0	0	0	105	159	56	0	0	0	0	0
30%	0	0	0	0	0	124	0	0	0	0	0	0
40%	0	0	0	0	0	54	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	1	0	0	0	0	0	0	0
90%	0	0	0	1	0	0	0	0	0	0	0	0

Table 5A-B5.5.12.1-F. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	1	2	13	28	50	14	4	1	0	0	0
Wet Water Years	0	2	5	22	60	105	33	11	2	0	0	0
Above Normal Water Years	0	0	0	27	44	92	12	4	0	0	0	0
Below Normal Water Years	0	0	0	9	11	16	5	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	-6	-4	0	0	0	0	0	0

Table 5A-B5.5.12.2-A. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	1	1	169	279	282	139	18	0	1	0	0
20%	0	0	1	11	155	260	59	2	0	1	0	0
30%	0	0	1	1	87	165	1	2	0	1	0	0
40%	0	0	1	1	1	115	1	1	0	1	0	0
50%	0	0	1	1	1	57	0	1	0	1	0	0
60%	0	0	0	1	1	1	0	1	0	1	0	0
70%	0	0	0	1	1	1	0	1	0	1	0	0
80%	0	0	0	1	1	1	0	1	0	1	0	0
90%	0	0	0	1	0	0	0	1	0	1	0	0

Table 5A-B5.5.12.2-B. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	2	10	34	68	104	31	12	1	1	0	0
Wet Water Years	0	5	25	77	153	211	78	25	3	1	0	0
Above Normal Water Years	0	0	1	29	86	191	15	25	0	1	0	0
Below Normal Water Years	0	0	3	15	22	41	8	1	0	1	0	0
Dry Water Years	0	0	0	1	2	3	0	1	0	1	0	0
Critical Water Years	0	0	0	1	1	0	0	1	0	1	0	0

Table 5A-B5.5.12.2-C. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	168	166	143	97	16	0	0	0	0
20%	0	0	0	10	153	220	58	0	0	0	0	0
30%	0	0	0	0	86	164	0	0	0	0	0	0
40%	0	0	0	0	0	114	0	0	0	0	0	0
50%	0	0	0	0	0	56	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	1	1	0	0	0	0	0	0
90%	0	0	0	1	0	0	0	0	0	0	0	0

Table 5A-B5.5.12.2-D. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	1	4	19	42	73	13	5	1	0	0	0
Wet Water Years	0	2	10	37	91	139	30	13	2	0	0	0
Above Normal Water Years	0	0	0	19	52	143	11	2	0	0	0	0
Below Normal Water Years	0	0	3	14	21	37	7	0	0	0	0	0
Dry Water Years	0	0	0	0	1	3	0	0	0	0	0	0
Critical Water Years	0	0	0	0	-6	-4	0	0	0	0	0	0

Table 5A-B5.5.12.3-A. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	1	1	178	292	283	139	17	0	1	0	0
20%	0	0	1	95	179	260	57	2	0	1	0	0
30%	0	0	1	1	129	201	1	2	0	1	0	0
40%	0	0	1	1	1	159	1	1	0	1	0	0
50%	0	0	1	1	1	83	0	1	0	1	0	0
60%	0	0	0	1	1	1	0	1	0	1	0	0
70%	0	0	0	1	1	1	0	1	0	1	0	0
80%	0	0	0	1	1	1	0	1	0	1	0	0
90%	0	0	0	1	0	0	0	1	0	1	0	0

Table 5A-B5.5.12.3-B. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	2	9	47	78	115	29	11	1	1	0	0
Wet Water Years	0	5	23	106	172	220	74	25	2	1	0	0
Above Normal Water Years	0	0	1	36	114	232	14	24	0	1	0	0
Below Normal Water Years	0	0	4	21	23	53	8	1	0	1	0	0
Dry Water Years	0	0	0	1	3	3	0	1	0	1	0	0
Critical Water Years	0	0	0	1	1	0	0	1	0	1	0	0

Table 5A-B5.5.12.3-C. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	177	179	144	97	15	0	0	0	0
20%	0	0	0	94	178	220	56	0	0	0	0	0
30%	0	0	0	0	128	200	0	0	0	0	0	0
40%	0	0	0	0	0	158	0	0	0	0	0	0
50%	0	0	0	0	0	82	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	1	1	0	0	0	0	0	0
90%	0	0	0	1	0	0	0	0	0	0	0	0

Table 5A-B5.5.12.3-D. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	1	4	31	52	83	12	5	0	0	0	0
Wet Water Years	0	2	9	66	110	148	25	13	1	0	0	0
Above Normal Water Years	0	0	0	27	80	184	9	2	0	0	0	0
Below Normal Water Years	0	0	3	20	22	48	7	0	0	0	0	0
Dry Water Years	0	0	0	0	2	3	0	0	0	0	0	0
Critical Water Years	0	0	0	0	-6	-4	0	0	0	0	0	0

Table 5A-B5.5.12.4-A. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	1	1	178	275	284	139	17	0	1	0	0
20%	0	0	1	96	178	262	59	2	0	1	0	0
30%	0	0	1	1	130	202	1	2	0	1	0	0
40%	0	0	1	1	12	159	1	1	0	1	0	0
50%	0	0	1	1	1	89	0	1	0	1	0	0
60%	0	0	0	1	1	1	0	1	0	1	0	0
70%	0	0	0	1	1	1	0	1	0	1	0	0
80%	0	0	0	1	1	1	0	1	0	1	0	0
90%	0	0	0	1	0	0	0	1	0	1	0	0

Table 5A-B5.5.12.4-B. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	2	9	47	78	117	30	11	1	1	0	0
Wet Water Years	0	5	22	106	173	221	76	22	2	1	0	0
Above Normal Water Years	0	0	1	31	110	238	14	23	0	1	0	0
Below Normal Water Years	0	0	5	22	23	54	8	1	0	1	0	0
Dry Water Years	0	0	0	1	4	9	0	1	0	1	0	0
Critical Water Years	0	0	0	1	2	0	0	1	0	1	0	0

Table 5A-B5.5.12.4-C. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	176	162	146	97	15	0	0	0	0
20%	0	0	0	95	177	222	58	0	0	0	0	0
30%	0	0	0	0	129	201	0	0	0	0	0	0
40%	0	0	0	0	11	158	0	0	0	0	0	0
50%	0	0	0	0	0	87	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	1	1	0	0	0	0	0	0
90%	0	0	0	1	0	0	0	0	0	0	0	0

Table 5A-B5.5.12.4-D. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	1	4	31	52	85	12	4	0	0	0	0
Wet Water Years	0	2	8	66	111	149	27	10	1	0	0	0
Above Normal Water Years	0	0	0	22	76	190	9	1	0	0	0	0
Below Normal Water Years	0	0	4	21	22	50	7	0	0	0	0	0
Dry Water Years	0	0	0	0	3	8	0	0	0	0	0	0
Critical Water Years	0	0	0	0	-5	-4	0	0	0	0	0	0

Table 5A-B5.5.12.5-A. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	1	1	190	301	283	136	17	0	1	0	0
20%	0	0	1	106	187	265	57	2	0	1	0	0
30%	0	0	1	2	130	211	1	2	0	1	0	0
40%	0	0	1	1	11	161	1	1	0	1	0	0
50%	0	0	1	1	1	83	0	1	0	1	0	0
60%	0	0	0	1	1	1	0	1	0	1	0	0
70%	0	0	0	1	1	1	0	1	0	1	0	0
80%	0	0	0	1	1	1	0	1	0	1	0	0
90%	0	0	0	1	0	0	0	1	0	1	0	0

Table 5A-B5.5.12.5-B. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Annual Volume (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	2	10	49	80	117	29	11	1	1	0	0
Wet Water Years	0	7	26	110	175	221	73	25	2	1	0	0
Above Normal Water Years	0	0	1	41	117	238	14	24	0	1	0	0
Below Normal Water Years	0	0	4	21	23	59	8	1	0	1	0	0
Dry Water Years	0	0	0	1	3	3	0	1	0	1	0	0
Critical Water Years	0	0	0	1	1	0	0	1	0	1	0	0

Table 5A-B5.5.12.5-C. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	188	188	144	94	15	0	0	0	0
20%	0	0	0	105	186	225	55	0	0	0	0	0
30%	0	0	0	0	129	210	0	0	0	0	0	0
40%	0	0	0	0	10	160	0	0	0	0	0	0
50%	0	0	0	0	0	82	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	1	1	0	0	0	0	0	0
90%	0	0	0	1	0	0	0	0	0	0	0	0

Table 5A-B5.5.12.5-D. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	1	5	33	53	85	12	5	0	0	0	0
Wet Water Years	0	4	11	70	113	149	25	13	1	0	0	0
Above Normal Water Years	0	0	0	32	83	190	9	1	0	0	0	0
Below Normal Water Years	0	0	4	20	22	55	7	0	0	0	0	0
Dry Water Years	0	0	0	0	2	3	0	0	0	0	0	0
Critical Water Years	0	0	0	0	-6	-4	0	0	0	0	0	0

B.5.13 American River Deliveries

Figure 5A-B5.5.13.1-A. American River Deliveries Annual Total Volume (AmerRivDel), Probability of Exceedance for No Project Alternative, October to March

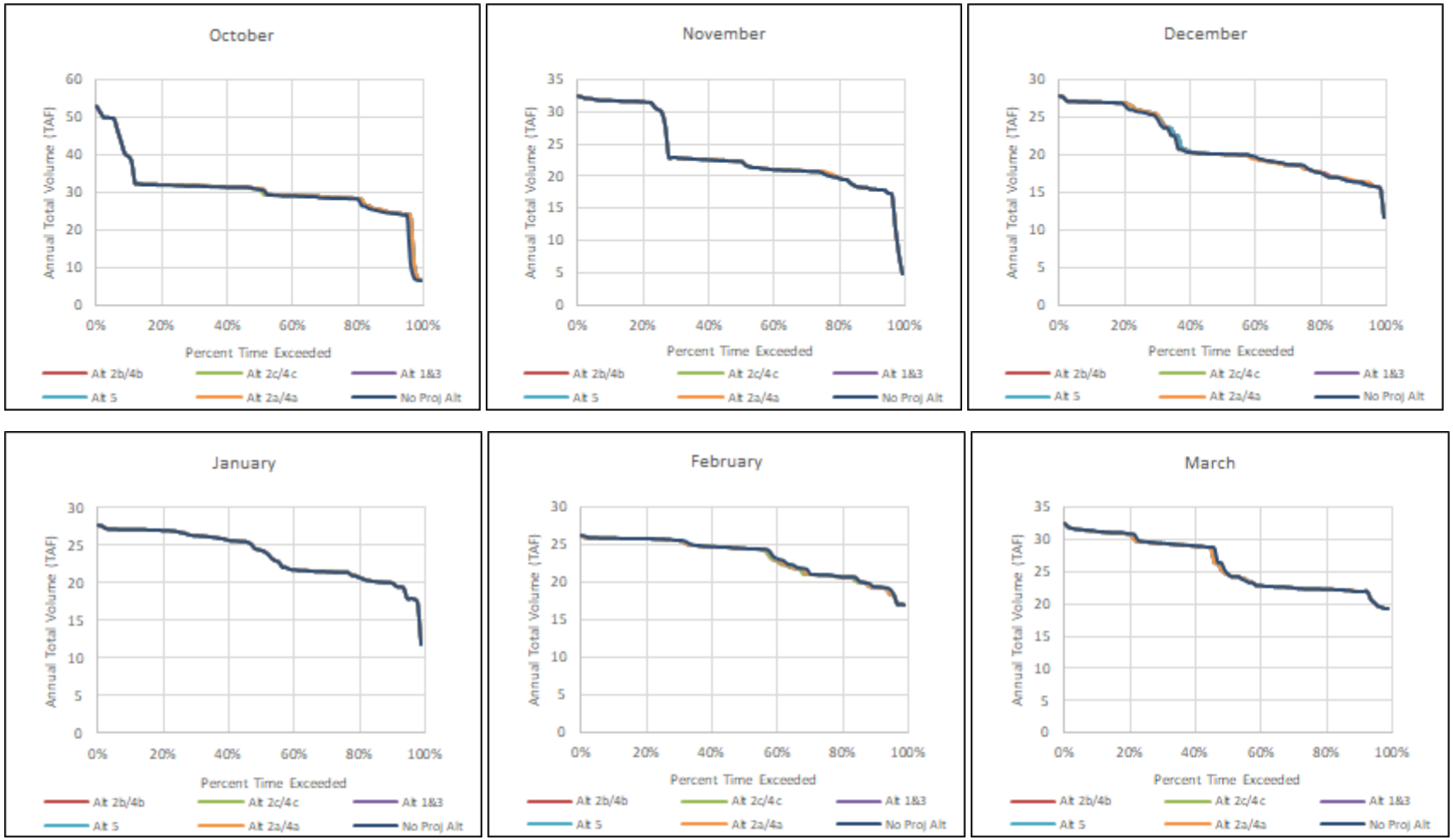


Figure 5A-B5.5.13.1-B. American River Deliveries Annual Total Volume (AmerRivDel), Probability of Exceedance for No Project Alternative, April to September

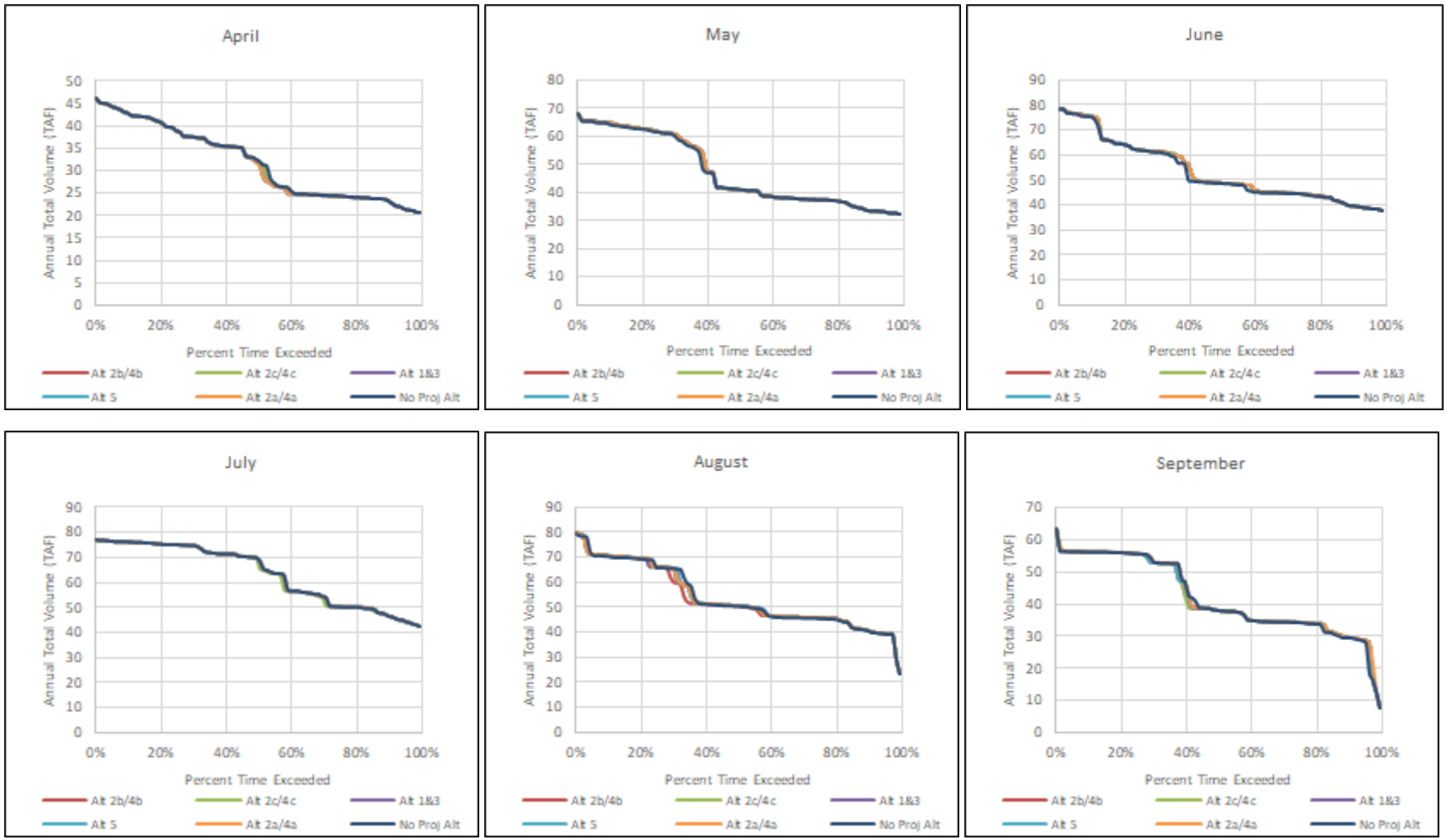


Table 5A-B5.5.13.1-A. American River Deliveries Annual Total Volume (AmerRivDel), Exceedance Probabilities for Annual Volume (thousand acre-feet), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	39	32	27	27	26	31	43	64	75	76	71	56
20%	32	31	26	27	26	31	41	62	64	75	70	56
30%	32	23	25	26	25	29	38	60	61	75	66	53
40%	31	23	20	26	25	29	35	47	50	71	52	46
50%	31	22	20	24	24	25	32	41	48	69	51	38
60%	29	21	20	22	23	23	26	38	45	57	47	35
70%	29	21	19	22	22	23	25	37	44	54	46	34
80%	28	20	18	21	21	22	24	37	43	50	45	34
90%	25	18	16	20	20	22	23	33	39	47	41	30

Table 5A-B5.5.13.1-B. American River Deliveries Annual Total Volume (AmerRivDel), Annual Volume (thousand acre-feet), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	31	23	21	24	23	26	32	47	53	63	54	42
Wet Water Years	32	25	24	26	25	29	37	57	61	70	66	54
Above Normal Water Years	30	24	22	25	25	30	38	47	56	71	58	53
Below Normal Water Years	30	23	20	23	23	25	30	45	50	64	49	35
Dry Water Years	30	23	19	22	21	24	26	38	48	54	46	33
Critical Water Years	29	21	17	20	20	21	24	35	41	49	39	26

Table 5A-B5.5.13.1-C. American River Deliveries Annual Total Volume (AmerRivDel), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	39	32	27	27	26	31	43	65	75	76	70	56
20%	32	31	27	27	26	31	41	62	64	75	69	56
30%	32	23	25	26	25	29	38	61	61	75	60	53
40%	31	23	20	26	25	29	35	48	55	71	51	42
50%	31	22	20	24	24	25	32	41	49	69	50	38
60%	29	21	20	22	23	23	26	38	46	57	47	35
70%	29	21	19	22	21	23	25	37	45	54	46	34
80%	28	20	18	21	21	22	24	37	43	50	46	34
90%	25	18	17	20	19	22	23	33	39	47	41	30

Table 5A-B5.5.13.1-D. American River Deliveries Annual Total Volume (AmerRivDel), Annual Volume (thousand acre-feet), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	31	23	21	24	23	26	32	47	53	63	54	42
Wet Water Years	32	25	24	26	25	29	37	57	61	70	65	53
Above Normal Water Years	30	24	22	25	25	30	38	47	56	71	58	53
Below Normal Water Years	30	23	20	23	23	25	30	45	51	64	48	35
Dry Water Years	30	23	19	22	21	24	26	39	48	54	46	34
Critical Water Years	29	21	17	20	20	21	24	35	41	49	39	26

Table 5A-B5.5.13.1-E. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	1	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	1	0	0	-6	0
40%	0	0	0	0	0	0	0	1	6	0	0	-4
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	1	0	0	0
70%	0	0	0	0	-1	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.13.1-F. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	-1	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	-1	-1
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	1	0	0	0	0	0	0	0	1	0	-1	0
Dry Water Years	0	0	0	0	0	0	0	1	0	0	0	1
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.13.2-A. American River Deliveries Annual Total Volume (AmerRivDel), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	39	32	27	27	26	31	43	65	75	76	70	56
20%	32	31	27	27	26	31	41	62	64	75	69	56
30%	32	23	25	26	25	29	38	61	61	75	65	53
40%	31	23	20	26	25	29	35	48	55	71	51	42
50%	31	22	20	24	24	25	32	41	49	68	51	38
60%	29	21	20	22	23	23	25	38	46	57	47	35
70%	29	21	19	22	21	23	25	37	45	54	46	34
80%	28	20	18	21	21	22	24	37	43	50	46	34
90%	25	18	16	20	19	22	23	33	39	47	41	30

Table 5A-B5.5.13.2-B. American River Deliveries Annual Total Volume (AmerRivDel), Annual Volume (thousand acre-feet), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	31	23	21	24	23	26	32	47	53	63	54	42
Wet Water Years	32	25	24	26	25	29	37	57	61	70	65	53
Above Normal Water Years	30	24	22	25	25	30	38	47	56	71	58	53
Below Normal Water Years	30	23	20	23	23	25	30	45	51	64	49	35
Dry Water Years	30	23	19	22	21	24	26	39	48	54	46	34
Critical Water Years	29	21	17	20	20	21	24	35	41	48	39	26

Table 5A-B5.5.13.2-C. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	1	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	1	0	0	-1	0
40%	0	0	0	0	0	0	0	1	6	0	0	-4
50%	0	0	0	0	0	0	0	0	0	-1	0	0
60%	0	0	0	0	0	0	0	0	1	0	0	0
70%	0	0	0	0	-1	0	0	0	0	-1	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.13.2-D. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	-1	-1
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	1	0	0	0	0	0	0	0	1	0	0	0
Dry Water Years	0	0	0	0	0	0	0	1	0	0	0	1
Critical Water Years	0	0	0	0	0	0	0	0	0	-2	0	0

Table 5A-B5.5.13.3-A. American River Deliveries Annual Total Volume (AmerRivDel), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	39	32	27	27	26	31	43	65	75	76	70	56
20%	32	31	27	27	26	31	41	63	64	75	69	56
30%	32	23	25	26	25	29	38	61	61	75	65	53
40%	31	23	20	26	25	29	35	48	55	71	51	46
50%	31	22	20	24	24	25	32	41	49	69	51	38
60%	29	21	20	22	23	23	25	38	46	57	47	35
70%	29	21	19	22	21	23	24	37	45	54	46	34
80%	28	20	18	21	21	22	24	37	43	50	46	34
90%	25	18	16	20	19	22	23	33	39	47	41	30

Table 5A-B5.5.13.3-B. American River Deliveries Annual Total Volume (AmerRivDel), Annual Volume (thousand acre-feet), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	31	23	21	24	23	26	32	47	53	63	54	42
Wet Water Years	32	25	24	26	25	29	37	57	61	70	65	54
Above Normal Water Years	30	24	23	25	25	30	38	47	56	71	58	53
Below Normal Water Years	30	23	20	23	23	25	30	45	50	64	49	35
Dry Water Years	30	23	19	22	21	24	26	39	49	54	46	34
Critical Water Years	29	21	17	20	20	21	24	35	42	49	39	26

Table 5A-B5.5.13.3-C. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	1	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	1	0	0	0	0	1	0	0	-1	0
40%	0	0	0	0	0	0	0	1	6	0	0	0
50%	0	0	0	0	0	0	-1	0	0	0	0	0
60%	0	0	0	0	0	0	-1	0	1	0	0	0
70%	0	0	0	0	-1	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.13.3-D. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	-1	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	1	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	1	1	0	0	1
Critical Water Years	0	0	0	0	0	0	-1	0	1	0	0	0

Table 5A-B5.5.13.4-A. American River Deliveries Annual Total Volume (AmerRivDel), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	39	32	27	27	26	31	43	65	75	76	70	56
20%	32	31	27	27	26	31	41	63	64	75	69	56
30%	32	23	25	26	25	29	38	61	61	75	65	53
40%	31	23	20	26	25	29	35	48	55	71	51	46
50%	31	22	20	24	24	25	32	41	49	69	51	38
60%	29	21	19	22	23	23	25	38	46	57	47	35
70%	29	21	19	22	21	23	24	37	45	54	46	34
80%	28	20	18	21	21	22	24	37	43	50	46	34
90%	25	18	17	20	19	22	23	33	39	47	41	30

Table 5A-B5.5.13.4-B. American River Deliveries Annual Total Volume (AmerRivDel), Annual Volume (thousand acre-feet), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	31	23	21	24	23	26	32	47	53	63	54	42
Wet Water Years	32	25	24	26	25	29	37	57	61	70	65	54
Above Normal Water Years	30	24	23	25	25	30	38	47	56	71	60	53
Below Normal Water Years	30	23	20	23	23	25	30	45	50	64	49	35
Dry Water Years	30	23	19	22	21	24	26	39	49	54	46	34
Critical Water Years	29	21	17	20	20	21	24	35	42	49	39	27

Table 5A-B5.5.13.4-C. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	1	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	1	0	0	0	0	1	0	0	-1	0
40%	0	0	0	0	0	0	0	1	6	0	0	0
50%	0	0	0	0	0	0	-1	0	0	0	0	0
60%	0	0	0	0	0	0	-1	0	1	0	0	0
70%	0	0	0	0	-1	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.13.4-D. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	-1	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	2	0
Below Normal Water Years	1	0	0	0	0	0	0	0	0	0	-1	0
Dry Water Years	0	0	0	0	0	0	0	1	1	0	0	1
Critical Water Years	0	0	0	0	0	0	-1	0	1	0	0	0

Table 5A-B5.5.13.5-A. American River Deliveries Annual Total Volume (AmerRivDel), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	39	32	27	27	26	31	43	65	75	76	71	56
20%	32	31	27	27	26	31	41	63	64	75	69	56
30%	32	23	25	26	25	29	38	61	61	75	65	53
40%	31	23	20	26	25	29	35	48	55	71	51	46
50%	31	22	20	24	24	25	32	41	49	69	51	38
60%	29	21	20	22	23	23	25	38	46	57	47	35
70%	29	21	19	22	21	23	24	37	45	54	46	34
80%	28	20	18	21	21	22	24	37	43	50	46	34
90%	25	18	16	20	19	22	23	33	39	47	41	30

Table 5A-B5.5.13.5-B. American River Deliveries Annual Total Volume (AmerRivDel), Annual Volume (thousand acre-feet), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	31	23	21	24	23	26	32	47	53	63	54	42
Wet Water Years	32	25	24	26	25	29	37	57	61	70	66	54
Above Normal Water Years	30	24	23	25	25	30	38	47	56	71	58	53
Below Normal Water Years	30	23	20	23	23	25	30	45	50	64	49	35
Dry Water Years	30	23	19	22	21	24	26	39	49	54	46	34
Critical Water Years	29	21	17	20	20	21	24	35	42	49	39	26

Table 5A-B5.5.13.5-C. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	1	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	1	0	0	0	0	1	0	0	0	0
40%	0	0	0	0	0	0	0	1	6	0	0	0
50%	0	0	0	0	0	0	-1	0	0	0	0	0
60%	0	0	0	0	0	0	-1	0	1	0	0	0
70%	0	0	0	0	-1	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.13.5-D. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	-1	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	1	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	1	1	0	0	1
Critical Water Years	0	0	0	0	0	0	-1	0	1	0	0	0

B.5.14 Los Vaqueros Water Quality

Figure 5A-B5.5.14.1-A. Los Vaqueros Water Quality Monthly Salinity (WQ422), Probability of Exceedance for No Project Alternative, October to March

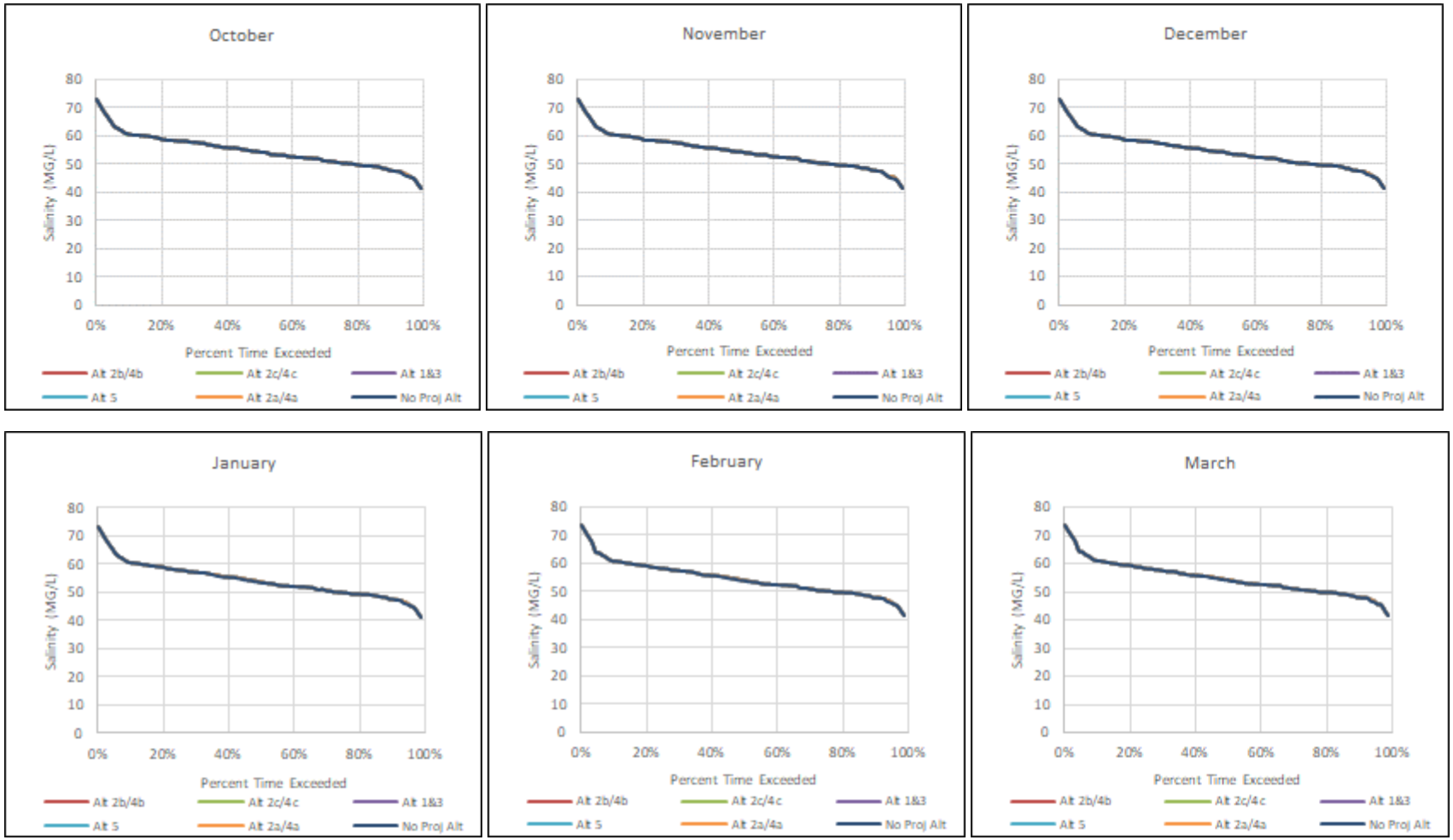


Figure 5A-B5.5.14.1-B. Los Vaqueros Water Quality Monthly Salinity (WQ422), Probability of Exceedance for No Project Alternative, April to September

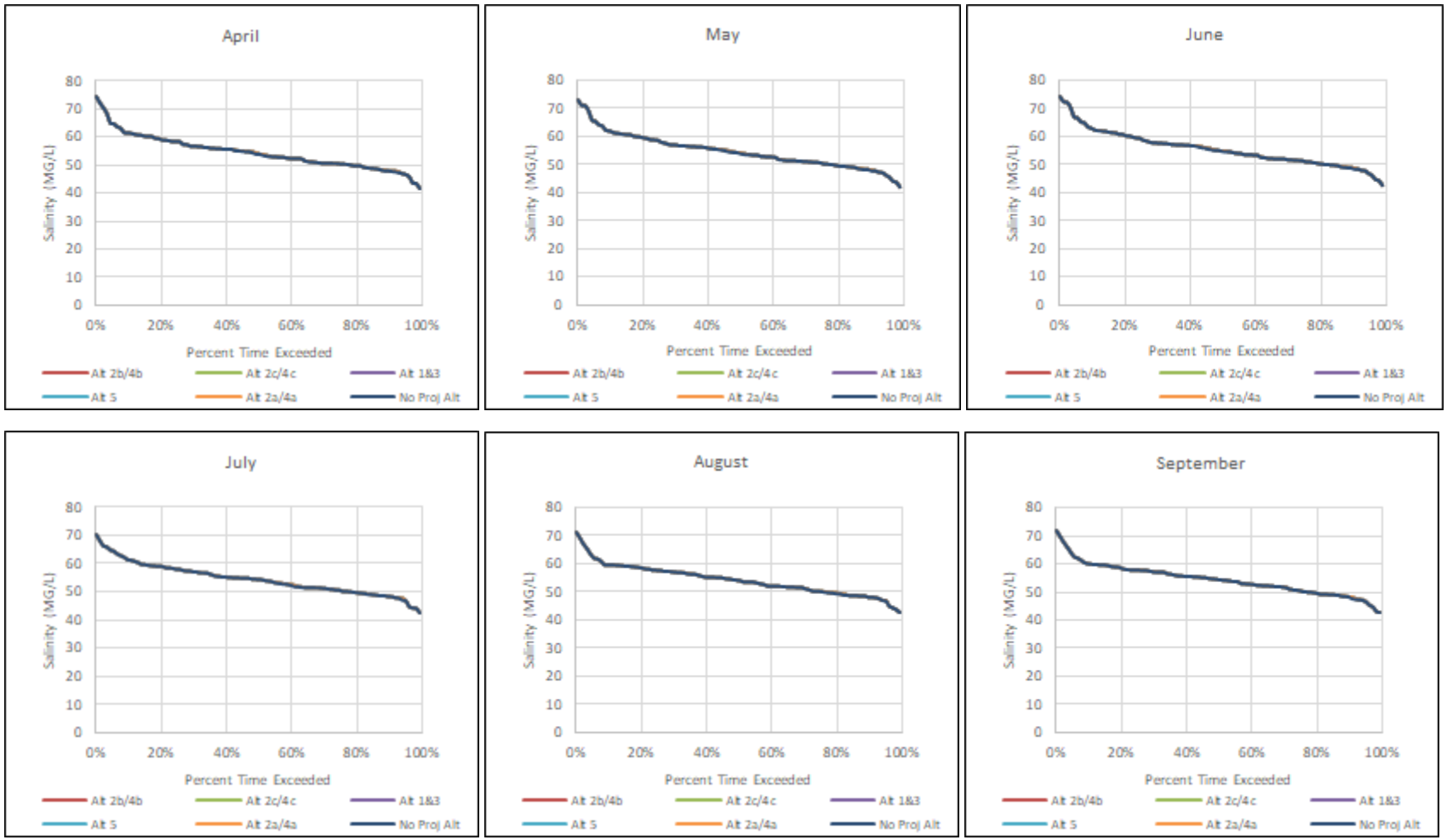


Table 5A-B5.5.14.1-A. Los Vaqueros Water Quality Monthly Salinity (WQ422), Exceedance Probabilities for Monthly Salinity (milligrams per liter), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60	61	61	61	61	61	61	62	63	61	60	60
20%	59	59	59	59	59	59	59	60	60	59	59	59
30%	58	58	58	57	57	57	57	57	58	57	57	57
40%	56	56	56	55	56	56	56	56	57	55	55	56
50%	54	54	54	54	54	54	54	54	55	54	54	54
60%	52	53	52	52	52	52	52	53	53	52	52	53
70%	51	51	51	51	51	51	51	51	52	51	52	52
80%	50	50	50	50	50	50	50	50	50	50	50	50
90%	48	48	48	48	48	48	48	48	49	49	48	48

Table 5A-B5.5.14.1-B. Los Vaqueros Water Quality Monthly Salinity (WQ422), Monthly Salinity (milligrams per liter), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55	55	55	54	54	55	55	55	55	54	54	55
Wet Water Years	54	54	54	53	53	53	53	52	53	52	52	51
Above Normal Water Years	52	52	53	52	52	53	53	53	54	53	53	53
Below Normal Water Years	56	56	56	56	56	56	56	57	57	55	55	55
Dry Water Years	54	54	54	54	54	54	55	55	56	55	55	56
Critical Water Years	57	57	57	57	57	57	57	58	59	59	60	61

Table 5A-B5.5.14.1-C. Los Vaqueros Water Quality Monthly Salinity (WQ422), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60	61	61	61	61	61	61	62	63	61	60	60
20%	59	59	59	59	59	59	59	60	60	59	59	59
30%	58	58	58	57	57	57	57	57	58	57	57	57
40%	56	56	56	56	56	56	56	56	57	55	55	56
50%	54	54	54	54	54	54	54	54	55	54	54	54
60%	52	53	52	52	52	52	52	53	53	53	52	53
70%	51	51	51	51	51	51	51	51	52	51	52	52
80%	50	50	50	50	50	50	50	50	50	50	50	50
90%	48	48	48	48	48	48	48	48	49	49	48	48

Table 5A-B5.5.14.1-D. Los Vaqueros Water Quality Monthly Salinity (WQ422), Monthly Salinity (milligrams per liter), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55	55	55	54	54	55	55	55	55	55	54	55
Wet Water Years	54	54	54	53	53	53	53	53	53	52	52	51
Above Normal Water Years	53	53	53	53	53	53	53	53	54	53	53	53
Below Normal Water Years	56	56	56	56	56	56	56	57	57	55	55	55
Dry Water Years	54	54	54	54	54	54	55	55	56	55	55	56
Critical Water Years	57	57	57	57	57	57	57	58	59	59	60	61

Table 5A-B5.5.14.1-E. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.14.1-F. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Monthly Salinity (milligrams per liter), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.14.2-A. Los Vaqueros Water Quality Monthly Salinity (WQ422), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60	61	61	61	61	61	61	62	63	61	60	60
20%	59	59	59	59	59	59	59	60	60	59	59	59
30%	58	58	58	57	57	57	57	57	58	57	57	57
40%	56	56	56	56	56	56	56	56	57	55	55	56
50%	54	54	54	54	54	54	54	54	55	54	54	54
60%	52	53	52	52	52	52	52	53	53	53	52	53
70%	51	51	51	51	51	51	51	51	52	51	52	52
80%	50	50	50	50	50	50	50	50	50	50	50	50
90%	48	48	48	48	48	48	48	48	49	49	48	48

Table 5A-B5.5.14.2-B. Los Vaqueros Water Quality Monthly Salinity (WQ422), Monthly Salinity (milligrams per liter), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55	55	55	54	54	55	55	55	55	55	54	55
Wet Water Years	54	54	54	53	53	53	53	53	53	52	52	51
Above Normal Water Years	53	53	53	53	53	53	53	53	54	53	53	53
Below Normal Water Years	56	56	56	56	56	56	56	57	57	55	55	55
Dry Water Years	54	54	54	54	54	54	55	55	56	55	55	56
Critical Water Years	57	57	57	57	57	57	57	58	59	59	60	61

Table 5A-B5.5.14.2-C. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.14.2-D. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Monthly Salinity (milligrams per liter), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.14.3-A. Los Vaqueros Water Quality Monthly Salinity (WQ422), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60	61	61	61	61	61	61	62	63	61	60	60
20%	59	59	59	59	59	59	59	60	60	59	59	59
30%	58	58	58	57	57	57	57	57	58	57	57	57
40%	56	56	56	56	56	56	56	56	57	55	55	56
50%	54	54	54	54	54	54	54	54	55	54	54	54
60%	52	53	52	52	52	52	52	53	53	53	52	53
70%	51	51	51	51	51	51	51	51	52	51	52	52
80%	50	50	50	50	50	50	50	50	50	50	50	50
90%	48	48	48	48	48	48	48	48	49	49	48	48

Table 5A-B5.5.14.3-B. Los Vaqueros Water Quality Monthly Salinity (WQ422), Monthly Salinity (milligrams per liter), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55	55	55	54	54	55	55	55	55	55	54	55
Wet Water Years	54	54	54	53	53	53	53	53	53	52	52	51
Above Normal Water Years	53	53	53	53	53	53	53	53	54	53	53	53
Below Normal Water Years	56	56	56	56	56	56	56	57	57	55	55	55
Dry Water Years	54	54	54	54	54	54	55	55	56	55	55	56
Critical Water Years	57	57	57	57	57	57	57	58	59	59	60	61

Table 5A-B5.5.14.3-C. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.14.3-D. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Monthly Salinity (milligrams per liter), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.14.4-A. Los Vaqueros Water Quality Monthly Salinity (WQ422), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60	61	61	61	61	61	61	62	63	61	60	60
20%	59	59	59	59	59	59	59	60	60	59	59	59
30%	58	58	58	57	57	57	57	57	58	57	57	57
40%	56	56	56	56	56	56	56	56	57	55	55	56
50%	54	54	54	54	54	54	54	54	55	54	54	54
60%	52	53	52	52	52	52	52	53	53	53	52	53
70%	51	51	51	51	51	51	51	51	52	51	52	52
80%	50	50	50	50	50	50	50	50	50	50	50	50
90%	48	48	48	48	48	48	48	48	49	49	48	48

Table 5A-B5.5.14.4-B. Los Vaqueros Water Quality Monthly Salinity (WQ422), Monthly Salinity (milligrams per liter), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55	55	55	54	54	55	55	55	55	55	54	55
Wet Water Years	54	54	54	53	53	53	53	53	53	52	52	51
Above Normal Water Years	53	53	53	53	53	53	53	53	54	53	53	53
Below Normal Water Years	56	56	56	56	56	56	56	57	57	55	55	55
Dry Water Years	54	54	54	54	54	54	55	55	56	55	55	56
Critical Water Years	57	57	57	57	57	57	57	58	59	59	60	61

Table 5A-B5.5.14.4-C. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.14.4-D. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Monthly Salinity (milligrams per liter), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.14.5-A. Los Vaqueros Water Quality Monthly Salinity (WQ422), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60	61	61	61	61	61	61	62	63	61	60	60
20%	59	59	59	59	59	59	59	60	60	59	59	59
30%	58	58	58	57	57	57	57	57	58	57	57	57
40%	56	56	56	56	56	56	56	56	57	55	55	56
50%	54	54	54	54	54	54	54	54	55	54	54	54
60%	52	53	52	52	52	52	52	53	53	53	52	53
70%	51	51	51	51	51	51	51	51	52	51	52	52
80%	50	50	50	50	50	50	50	50	50	50	50	50
90%	48	48	48	48	48	48	48	48	49	49	48	48

Table 5A-B5.5.14.5-B. Los Vaqueros Water Quality Monthly Salinity (WQ422), Monthly Salinity (milligrams per liter), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55	55	55	54	54	55	55	55	55	55	54	55
Wet Water Years	54	54	54	53	53	53	53	53	53	52	52	51
Above Normal Water Years	53	53	53	53	53	53	53	53	54	53	53	53
Below Normal Water Years	56	56	56	56	56	56	56	57	57	55	55	55
Dry Water Years	54	54	54	54	54	54	55	55	56	55	55	56
Critical Water Years	57	57	57	57	57	57	57	58	59	59	60	61

Table 5A-B5.5.14.5-C. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.14.5-D. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Monthly Salinity (milligrams per liter), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

B.5.15 Contra Costa Water District Delivered Water Quality

Figure 5A-B5.5.15.1-A. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Probability of Exceedance for No Project Alternative, October to March

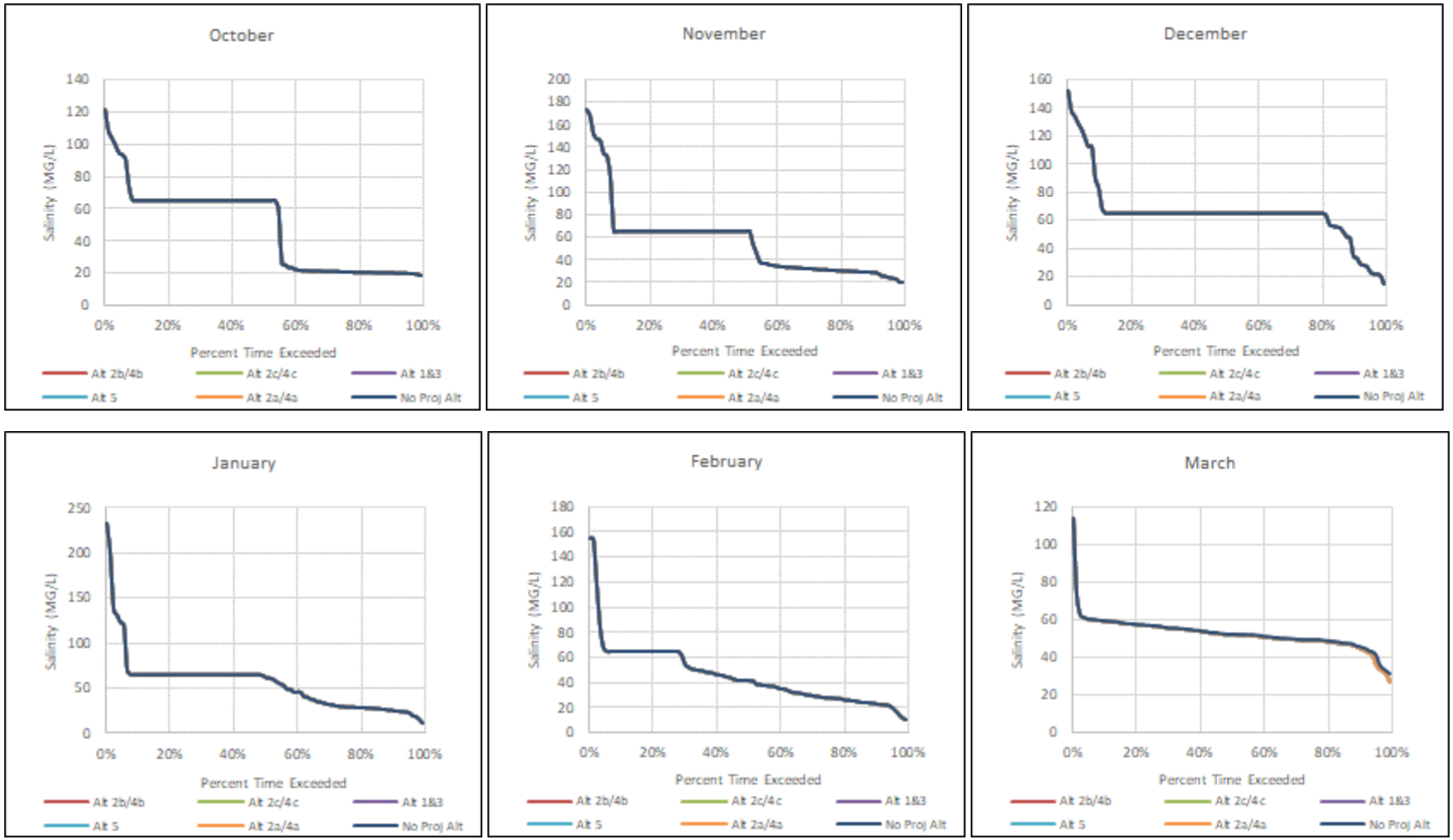


Figure 5A-B5.5.15.1-B. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Probability of Exceedance for No Project Alternative, April to September

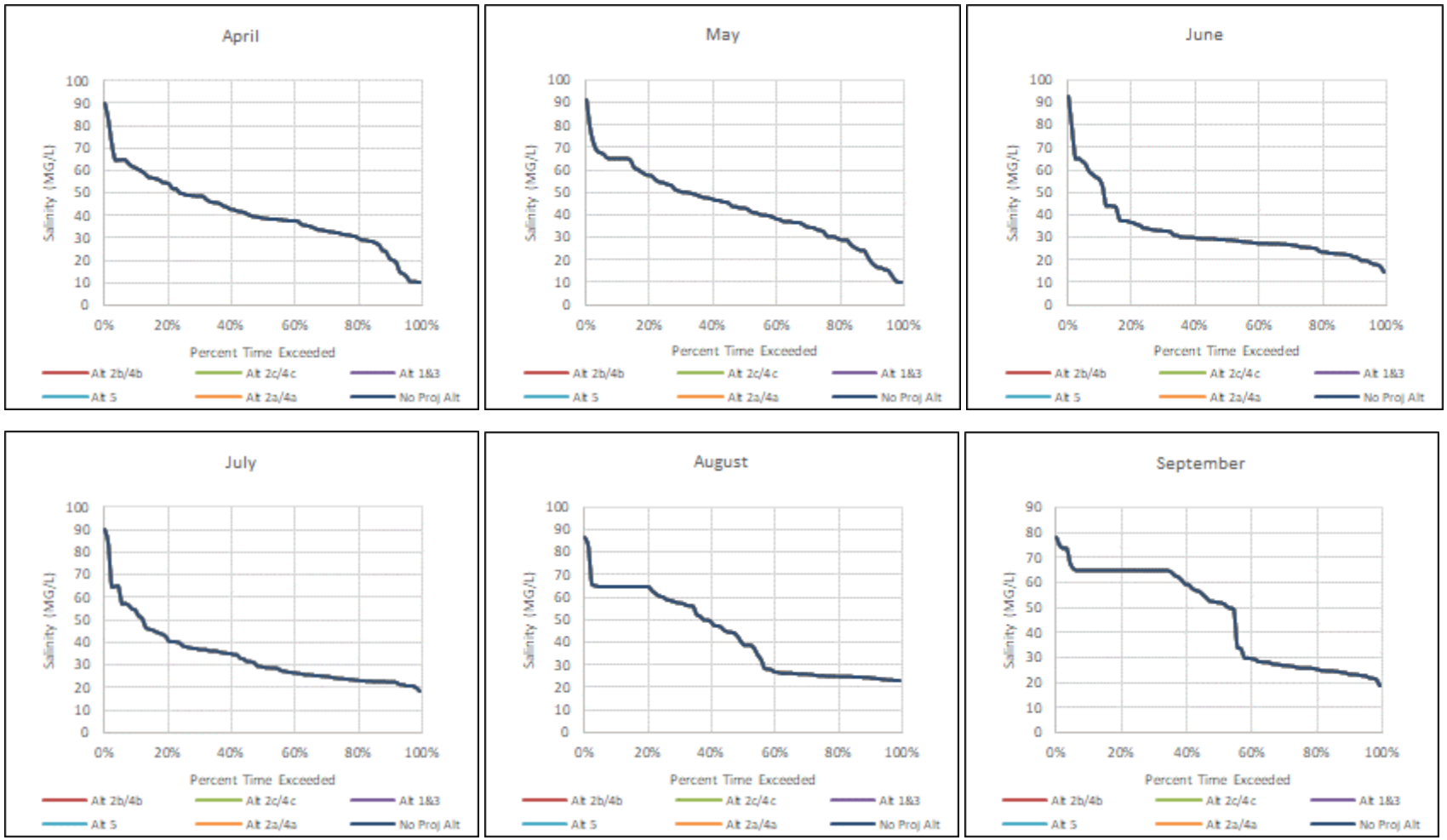


Table 5A-B5.5.15.1-A. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Exceedance Probabilities for Monthly Salinity (milligrams per liter), No Project Alternative

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	65	78	65	65	59	61	65	55	54	65	65
20%	65	65	65	65	65	58	54	57	37	42	65	65
30%	65	65	65	65	55	56	49	50	33	37	58	65
40%	65	65	65	65	47	54	43	47	30	35	49	60
50%	65	65	65	63	42	52	39	43	29	29	40	52
60%	22	34	65	46	35	51	38	38	27	27	27	30
70%	21	32	65	32	30	50	33	35	27	25	26	27
80%	20	30	65	28	27	49	30	29	24	23	25	26
90%	20	28	39	25	24	46	22	20	21	23	24	24

Table 5A-B5.5.15.1-B. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Monthly Salinity (milligrams per liter), No Project Alternative

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	48	55	66	55	46	53	41	43	32	34	43	46
Wet Water Years	45	51	58	36	31	52	28	29	25	24	25	26
Above Normal Water Years	40	47	64	44	34	52	40	41	26	25	25	25
Below Normal Water Years	46	52	66	64	48	52	43	46	30	34	50	59
Dry Water Years	49	60	73	66	55	54	52	53	34	42	60	64
Critical Water Years	65	76	79	86	79	58	61	62	61	62	68	69

Table 5A-B5.5.15.1-C. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2b/4b (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	65	78	65	65	59	61	65	55	54	65	65
20%	65	65	65	65	65	58	54	57	37	42	65	65
30%	65	65	65	65	55	56	49	50	33	37	58	65
40%	65	65	65	65	47	54	43	47	30	35	49	60
50%	65	65	65	63	42	52	39	43	29	29	40	52
60%	22	34	65	46	35	51	38	38	27	27	27	30
70%	21	32	65	32	30	50	33	35	27	25	26	27
80%	20	30	65	28	27	49	30	29	24	23	25	26
90%	20	28	39	25	24	46	22	20	21	23	24	24

Table 5A-B5.5.15.1-D. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Monthly Salinity (milligrams per liter), Alternative 2b/4b (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	48	55	66	55	46	53	41	43	33	34	43	46
Wet Water Years	45	51	58	36	31	51	28	29	25	24	25	26
Above Normal Water Years	40	47	64	44	34	53	40	41	26	25	25	25
Below Normal Water Years	46	52	66	64	48	52	43	46	30	34	50	59
Dry Water Years	49	60	73	66	55	54	52	53	34	42	60	64
Critical Water Years	65	76	79	86	79	58	61	62	61	62	68	69

Table 5A-B5.5.15.1-E. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2b/4b (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.15.1-F. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Monthly Salinity (milligrams per liter), Alternative 2b/4b (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	-1	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.15.2-A. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2c/4c (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	65	78	65	65	59	61	65	55	54	65	65
20%	65	65	65	65	65	58	54	57	37	42	65	65
30%	65	65	65	65	55	56	49	50	33	37	58	65
40%	65	65	65	65	47	54	43	47	30	35	49	60
50%	65	65	65	63	42	52	39	43	29	29	40	52
60%	22	34	65	46	35	51	38	38	27	27	27	30
70%	21	32	65	32	30	50	33	35	27	25	26	27
80%	20	30	65	28	27	49	30	29	24	23	25	26
90%	20	28	39	25	24	46	22	20	21	23	24	24

Table 5A-B5.5.15.2-B. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Monthly Salinity (milligrams per liter), Alternative 2c/4c (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	48	55	66	55	46	53	41	43	33	34	43	46
Wet Water Years	45	51	58	36	31	51	28	29	25	24	25	26
Above Normal Water Years	40	47	64	44	34	53	40	41	26	25	25	25
Below Normal Water Years	46	52	66	64	48	52	43	46	30	34	50	59
Dry Water Years	49	60	73	66	55	54	52	53	34	42	60	64
Critical Water Years	65	76	79	86	79	58	61	62	61	62	68	69

Table 5A-B5.5.15.2-C. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2c/4c (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.15.2-D. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Monthly Salinity (milligrams per liter), Alternative 2c/4c (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	-1	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.15.3-A. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 1/3 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	65	78	65	65	59	61	65	55	54	65	65
20%	65	65	65	65	65	58	54	57	37	42	65	65
30%	65	65	65	65	55	56	49	50	33	37	58	65
40%	65	65	65	65	47	54	43	47	30	35	49	60
50%	65	65	65	63	42	52	39	43	29	29	40	52
60%	22	34	65	46	35	51	38	38	27	27	27	30
70%	21	32	65	32	30	50	33	35	27	25	26	27
80%	20	30	65	28	27	49	30	29	24	23	25	26
90%	20	28	39	25	24	46	22	20	21	23	24	24

Table 5A-B5.5.15.3-B. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Monthly Salinity (milligrams per liter), Alternative 1/3 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	48	55	66	55	46	53	41	43	33	34	43	46
Wet Water Years	45	51	58	36	31	51	28	29	25	24	25	26
Above Normal Water Years	40	47	64	44	34	53	40	41	26	25	25	25
Below Normal Water Years	46	52	66	64	48	52	43	46	30	34	50	59
Dry Water Years	49	60	73	66	55	54	52	53	34	42	60	64
Critical Water Years	65	76	79	86	79	58	61	62	61	62	68	69

Table 5A-B5.5.15.3-C. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 1/3 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.15.3-D. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Monthly Salinity (milligrams per liter), Alternative 1/3 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	-1	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.15.4-A. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2a/4a (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	65	78	65	65	59	61	65	55	54	65	65
20%	65	65	65	65	65	58	54	57	37	42	65	65
30%	65	65	65	65	55	56	49	50	33	37	58	65
40%	65	65	65	65	47	54	43	47	30	35	49	60
50%	65	65	65	63	42	52	39	43	29	29	40	52
60%	22	34	65	46	35	51	38	38	27	27	27	30
70%	21	32	65	32	30	50	33	35	27	25	26	27
80%	20	30	65	28	27	49	30	29	24	23	25	26
90%	20	28	39	25	24	46	22	20	21	23	24	24

Table 5A-B5.5.15.4-B. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Monthly Salinity (milligrams per liter), Alternative 2a/4a (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	48	55	66	55	46	53	41	43	33	34	43	46
Wet Water Years	45	51	58	36	31	51	28	29	25	24	25	26
Above Normal Water Years	40	47	64	44	34	53	40	41	26	25	25	25
Below Normal Water Years	46	52	66	64	48	52	43	46	30	34	50	59
Dry Water Years	49	60	73	66	55	54	52	53	34	42	60	64
Critical Water Years	65	76	79	86	79	58	61	62	61	62	68	69

Table 5A-B5.5.15.4-C. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2a/4a (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.15.4-D. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Monthly Salinity (milligrams per liter), Alternative 2a/4a (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	-1	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.15.5-A. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 5 (2040)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	65	78	65	65	59	61	65	55	54	65	65
20%	65	65	65	65	65	58	54	57	37	42	65	65
30%	65	65	65	65	55	56	49	50	33	37	58	65
40%	65	65	65	65	47	54	43	47	30	35	49	60
50%	65	65	65	63	42	52	39	43	29	29	40	52
60%	22	34	65	46	35	51	38	38	27	27	27	30
70%	21	32	65	32	30	50	33	35	27	25	26	27
80%	20	30	65	28	27	49	30	29	24	23	25	26
90%	20	28	39	25	24	46	22	20	21	23	24	24

Table 5A-B5.5.15.5-B. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Monthly Salinity (milligrams per liter), Alternative 5 (2040)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	48	55	66	55	46	53	41	43	33	34	43	46
Wet Water Years	45	51	58	36	31	51	28	29	25	24	25	26
Above Normal Water Years	40	47	64	44	34	53	40	41	26	25	25	25
Below Normal Water Years	46	52	66	64	48	52	43	46	30	34	50	59
Dry Water Years	49	60	73	66	55	54	52	53	34	42	60	64
Critical Water Years	65	76	79	86	79	58	61	62	61	62	68	69

Table 5A-B5.5.15.5-C. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 5 (2040) minus No Project Alternatives

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	0	0	0	0	0	0
30%	0	0	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B5.5.15.5-D. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Monthly Salinity (milligrams per liter), Alternative 5 (2040) minus No Project Alternatives

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	0	0	0	0	0	0	0	0	0
Wet Water Years	0	0	0	0	0	-1	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0