Appendix 5A, Section B
Modeling Technical Appendix – Attachment 3 – CalSim 3 Model Results for Existing Condition and Alternatives at 2020

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Appendix 5A, Section B
Modeling Technical Appendix – Attachment 3
CalSim 3 Model Results for Existing Condition and Alternatives at 2020

This attachment summarizes the CalSim 3 modeling results for existing conditions conducted for the Delta Conveyance Project Final Environmental Impact Report (EIR).

B.1 Reservoir Storage Results

B.1.1 Trinity Storage

Figure 5A-B3.1.1.1-A. Trinity Lake End-of-Month Storage (S_TRNTY), Probability of Exceedance for Existing Conditions, October to March

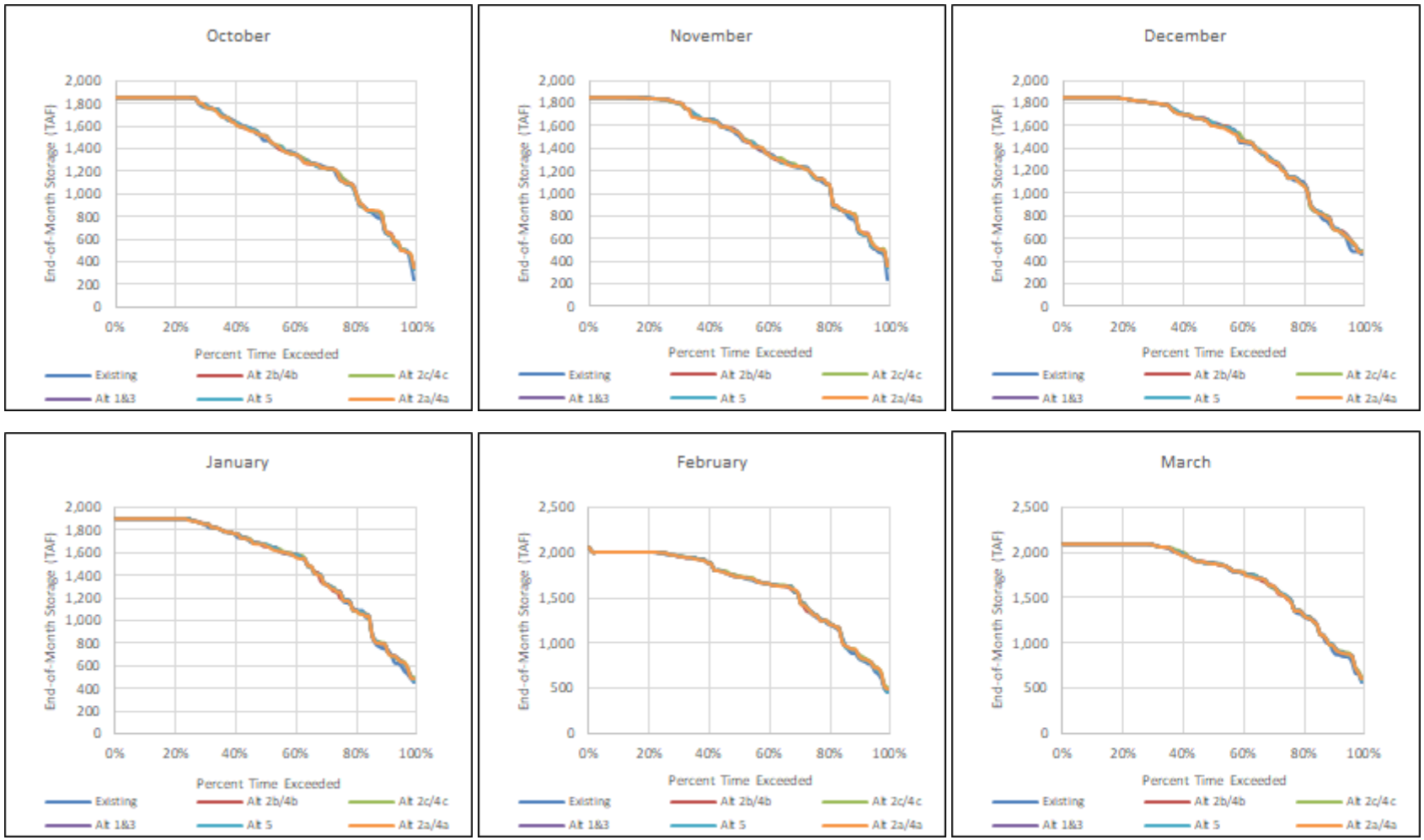


Figure 5A-B3.1.1.1-B. Trinity Lake End-of-Month Storage (S_TRNTY), Probability of Exceedance for Existing Conditions, April to September

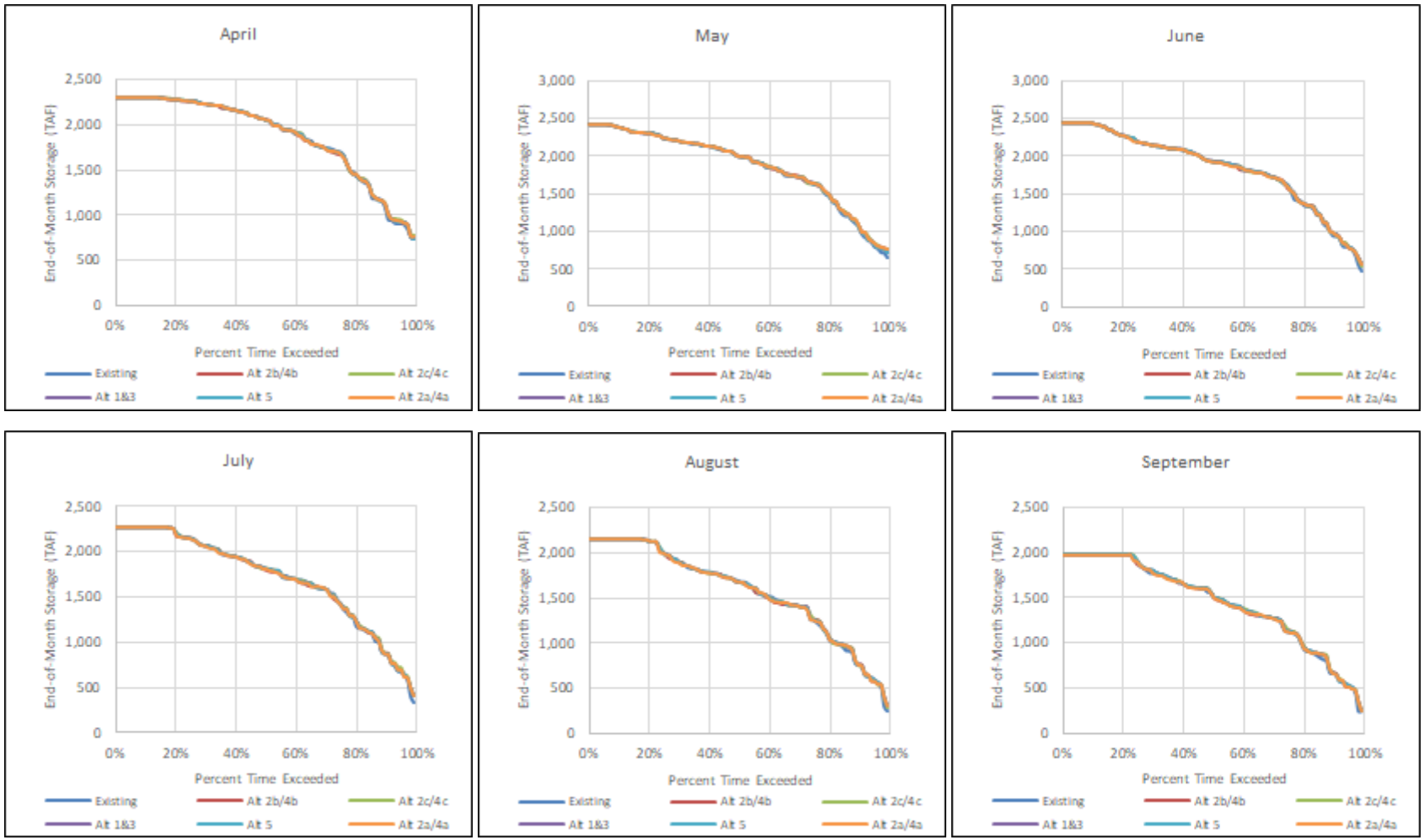


Table 5A-B3.1.1.1-A. Trinity Lake End-of-Month Storage (S_TRNTY), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,850	1,850	1,850	1,900	2,000	2,100	2,300	2,381	2,434	2,270	2,150	1,975
20%	1,850	1,839	1,838	1,900	2,000	2,100	2,275	2,305	2,279	2,219	2,129	1,975
30%	1,760	1,795	1,800	1,851	1,956	2,092	2,224	2,202	2,150	2,065	1,894	1,771
40%	1,636	1,657	1,699	1,762	1,883	1,990	2,157	2,130	2,082	1,939	1,781	1,663
50%	1,471	1,514	1,630	1,668	1,734	1,887	2,060	2,000	1,942	1,819	1,682	1,529
60%	1,346	1,353	1,454	1,577	1,651	1,777	1,919	1,866	1,847	1,695	1,513	1,379
70%	1,235	1,242	1,294	1,326	1,542	1,617	1,741	1,721	1,729	1,585	1,408	1,273
80%	1,048	1,077	1,107	1,104	1,211	1,316	1,455	1,481	1,386	1,248	1,082	986
90%	692	690	714	755	850	944	1,104	1,091	972	874	755	661

Table 5A-B3.1.1.1-B. Trinity Lake End-of-Month Storage (S_TRNTY), End-of-Month Storage (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,399	1,407	1,451	1,506	1,606	1,724	1,873	1,867	1,838	1,709	1,566	1,438
Wet Water Years	1,506	1,534	1,629	1,743	1,897	2,031	2,221	2,251	2,239	2,125	2,004	1,854
Above Normal Water Years	1,510	1,505	1,543	1,636	1,733	1,876	2,048	2,075	2,077	1,964	1,828	1,698
Below Normal Water Years	1,482	1,489	1,505	1,549	1,625	1,736	1,897	1,872	1,842	1,714	1,541	1,401
Dry Water Years	1,407	1,405	1,424	1,413	1,493	1,616	1,734	1,694	1,649	1,488	1,316	1,201
Critical Water Years	938	924	937	921	971	1,041	1,098	1,055	983	845	732	656

Table 5A-B3.1.1.1-C. Trinity Lake End-of-Month Storage (S_TRNTY), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,850	1,850	1,850	1,900	2,000	2,100	2,300	2,381	2,438	2,270	2,150	1,975
20%	1,850	1,843	1,838	1,900	2,000	2,100	2,274	2,302	2,279	2,205	2,128	1,975
30%	1,779	1,796	1,803	1,856	1,954	2,093	2,229	2,202	2,147	2,065	1,896	1,793
40%	1,631	1,651	1,703	1,768	1,882	1,998	2,162	2,129	2,093	1,947	1,778	1,655
50%	1,514	1,537	1,608	1,657	1,734	1,892	2,056	2,001	1,937	1,804	1,671	1,529
60%	1,350	1,355	1,489	1,587	1,656	1,781	1,903	1,845	1,819	1,701	1,500	1,376
70%	1,230	1,237	1,278	1,326	1,546	1,643	1,748	1,735	1,730	1,596	1,409	1,274
80%	1,042	1,079	1,092	1,095	1,235	1,339	1,460	1,496	1,383	1,271	1,094	998
90%	719	712	723	790	887	987	1,134	1,093	992	892	777	684

Table 5A-B3.1.1.1-D. Trinity Lake End-of-Month Storage (S_TRNTY), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,405	1,413	1,456	1,511	1,611	1,729	1,878	1,871	1,842	1,713	1,570	1,443
Wet Water Years	1,504	1,533	1,628	1,743	1,897	2,033	2,222	2,251	2,239	2,125	2,002	1,855
Above Normal Water Years	1,516	1,511	1,547	1,642	1,739	1,879	2,051	2,078	2,080	1,967	1,832	1,702
Below Normal Water Years	1,489	1,496	1,509	1,553	1,630	1,740	1,900	1,876	1,846	1,716	1,547	1,411
Dry Water Years	1,407	1,406	1,425	1,412	1,492	1,614	1,733	1,692	1,646	1,484	1,313	1,197
Critical Water Years	963	950	963	947	995	1,066	1,122	1,078	1,008	869	750	669

Table 5A-B3.1.1.1-E. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	4	0	0	0
20%	0	4	1	0	0	0	-1	-3	0	-14	-1	0
30%	20	1	2	5	-2	1	6	0	-3	0	2	22
40%	-4	-6	4	6	-1	9	5	0	11	8	-3	-7
50%	43	24	-22	-11	0	5	-4	1	-5	-14	-11	0
60%	4	2	34	10	5	3	-16	-21	-28	7	-13	-3
70%	-6	-5	-16	1	3	26	7	13	1	12	1	1
80%	-6	2	-16	-9	23	23	5	15	-3	24	12	12
90%	27	22	9	35	38	43	30	2	20	19	22	23

Table 5A-B3.1.1.1-F. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6	6	5	5	5	5	5	4	4	4	4	5
Wet Water Years	-2	-1	-1	0	0	1	1	0	0	0	-2	1
Above Normal Water Years	6	6	3	6	5	3	3	3	3	3	4	4
Below Normal Water Years	7	6	4	4	5	4	3	4	3	3	7	10
Dry Water Years	0	1	1	-2	-2	-1	-1	-2	-3	-4	-4	-3
Critical Water Years	25	26	26	26	25	25	24	23	25	24	19	14

Table 5A-B3.1.1.2-A. Trinity Lake End-of-Month Storage (S_TRNTY), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,850	1,850	1,850	1,900	2,000	2,100	2,300	2,381	2,441	2,270	2,150	1,975
20%	1,850	1,843	1,838	1,900	2,000	2,100	2,277	2,305	2,279	2,226	2,126	1,975
30%	1,770	1,795	1,798	1,857	1,962	2,092	2,229	2,202	2,145	2,065	1,895	1,775
40%	1,631	1,650	1,703	1,767	1,882	2,008	2,161	2,132	2,093	1,946	1,774	1,656
50%	1,514	1,537	1,629	1,674	1,736	1,887	2,052	1,998	1,931	1,813	1,677	1,529
60%	1,347	1,349	1,496	1,587	1,653	1,792	1,920	1,868	1,847	1,700	1,511	1,383
70%	1,230	1,239	1,294	1,326	1,543	1,618	1,741	1,724	1,728	1,589	1,407	1,273
80%	1,039	1,077	1,084	1,092	1,232	1,337	1,451	1,493	1,386	1,268	1,093	997
90%	731	721	718	801	878	977	1,139	1,092	996	886	771	678

Table 5A-B3.1.1.2-B. Trinity Lake End-of-Month Storage (S_TRNTY), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,406	1,414	1,458	1,513	1,613	1,731	1,879	1,873	1,844	1,715	1,573	1,445
Wet Water Years	1,507	1,536	1,631	1,746	1,900	2,036	2,223	2,252	2,240	2,125	2,004	1,856
Above Normal Water Years	1,514	1,509	1,548	1,642	1,739	1,880	2,052	2,079	2,081	1,968	1,836	1,705
Below Normal Water Years	1,489	1,496	1,511	1,555	1,631	1,741	1,902	1,877	1,848	1,721	1,556	1,415
Dry Water Years	1,412	1,408	1,427	1,417	1,496	1,619	1,737	1,696	1,650	1,488	1,314	1,199
Critical Water Years	962	949	961	946	994	1,065	1,122	1,078	1,008	867	748	668

Table 5A-B3.1.1.2-C. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	7	0	0	0
20%	0	4	1	0	0	0	3	0	0	7	-3	0
30%	10	1	-3	6	5	0	6	0	-5	0	1	4
40%	-5	-6	5	6	-1	18	4	2	11	8	-7	-6
50%	43	23	-1	6	2	0	-8	-2	-12	-5	-5	0
60%	1	-4	41	10	1	14	1	2	0	5	-1	4
70%	-6	-3	-1	1	0	1	-1	3	-1	5	-1	0
80%	-8	1	-23	-13	21	20	-4	12	-1	20	11	11
90%	39	31	4	46	28	33	35	1	24	13	16	17

Table 5A-B3.1.1.2-D. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7	7	7	7	7	7	6	6	6	6	7	7
Wet Water Years	1	2	2	3	3	4	2	1	1	0	0	2
Above Normal Water Years	4	4	5	6	5	5	4	4	4	4	8	7
Below Normal Water Years	7	6	5	5	6	5	5	5	6	8	15	15
Dry Water Years	5	3	3	4	3	3	3	2	1	-1	-2	-1
Critical Water Years	24	25	25	25	24	25	24	23	25	23	16	12

Table 5A-B3.1.1.3-A. Trinity Lake End-of-Month Storage (S_TRNTY), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,850	1,850	1,850	1,900	2,000	2,100	2,300	2,381	2,441	2,270	2,150	1,975
20%	1,850	1,845	1,838	1,900	2,000	2,100	2,273	2,302	2,279	2,210	2,126	1,975
30%	1,791	1,800	1,798	1,855	1,952	2,091	2,229	2,202	2,145	2,065	1,895	1,801
40%	1,633	1,653	1,708	1,767	1,881	1,992	2,161	2,134	2,093	1,950	1,782	1,656
50%	1,509	1,537	1,617	1,668	1,726	1,886	2,053	1,997	1,928	1,813	1,674	1,529
60%	1,359	1,346	1,469	1,582	1,655	1,778	1,907	1,852	1,827	1,700	1,500	1,373
70%	1,233	1,235	1,299	1,326	1,543	1,627	1,745	1,722	1,724	1,590	1,411	1,273
80%	1,034	1,077	1,088	1,089	1,229	1,336	1,449	1,491	1,379	1,263	1,077	982
90%	712	705	718	787	874	984	1,131	1,089	978	879	764	670

Table 5A-B3.1.1.3-B. Trinity Lake End-of-Month Storage (S_TRNTY), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,405	1,412	1,455	1,509	1,609	1,728	1,877	1,870	1,841	1,712	1,570	1,443
Wet Water Years	1,503	1,532	1,626	1,742	1,896	2,032	2,221	2,251	2,239	2,124	2,003	1,857
Above Normal Water Years	1,519	1,514	1,549	1,640	1,738	1,878	2,050	2,077	2,080	1,966	1,831	1,701
Below Normal Water Years	1,488	1,495	1,510	1,553	1,630	1,740	1,901	1,876	1,847	1,720	1,551	1,412
Dry Water Years	1,411	1,407	1,425	1,414	1,493	1,614	1,732	1,692	1,646	1,482	1,311	1,195
Critical Water Years	959	944	957	939	986	1,058	1,116	1,072	999	859	746	665

Table 5A-B3.1.1.3-C. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	7	0	0	0
20%	0	6	1	0	0	0	-2	-3	0	-9	-3	0
30%	31	5	-3	4	-4	-1	6	0	-5	0	1	30
40%	-3	-4	10	6	-2	2	4	4	11	11	1	-6
50%	39	23	-13	0	-8	-1	-7	-4	-14	-6	-8	0
60%	13	-7	14	5	4	0	-11	-14	-20	5	-13	-6
70%	-2	-7	5	1	0	10	4	1	-5	5	3	0
80%	-14	0	-19	-15	18	19	-5	9	-7	16	-4	-4
90%	20	15	4	32	24	40	27	-2	6	5	9	10

Table 5A-B3.1.1.3-D. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	5	4	4	4	4	4	4	3	3	4	5
Wet Water Years	-3	-2	-3	-1	-1	0	0	0	0	-1	-1	3
Above Normal Water Years	9	8	6	4	4	3	2	2	2	2	4	3
Below Normal Water Years	6	5	4	4	5	4	4	4	5	7	10	12
Dry Water Years	3	2	1	1	-1	-2	-2	-2	-3	-6	-5	-5
Critical Water Years	21	20	20	17	15	17	18	17	16	15	14	9

Table 5A-B3.1.1.4-A. Trinity Lake End-of-Month Storage (S_TRNTY), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,850	1,850	1,850	1,900	2,000	2,100	2,300	2,381	2,441	2,270	2,150	1,975
20%	1,850	1,842	1,838	1,900	2,000	2,100	2,274	2,302	2,279	2,208	2,129	1,975
30%	1,771	1,804	1,803	1,853	1,952	2,091	2,229	2,201	2,148	2,063	1,889	1,777
40%	1,623	1,648	1,700	1,768	1,880	1,970	2,161	2,130	2,093	1,947	1,777	1,668
50%	1,507	1,534	1,603	1,668	1,728	1,883	2,056	1,996	1,928	1,810	1,675	1,529
60%	1,345	1,345	1,468	1,568	1,655	1,791	1,917	1,853	1,840	1,700	1,496	1,366
70%	1,227	1,237	1,294	1,326	1,543	1,640	1,742	1,714	1,724	1,597	1,411	1,273
80%	1,044	1,077	1,084	1,094	1,227	1,336	1,452	1,492	1,383	1,272	1,085	990
90%	721	714	725	797	882	982	1,137	1,097	995	885	770	677

Table 5A-B3.1.1.4-B. Trinity Lake End-of-Month Storage (S_TRNTY), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,402	1,410	1,454	1,509	1,610	1,728	1,877	1,870	1,841	1,711	1,569	1,441
Wet Water Years	1,501	1,529	1,625	1,741	1,896	2,031	2,221	2,250	2,238	2,121	1,999	1,853
Above Normal Water Years	1,517	1,511	1,547	1,641	1,739	1,880	2,052	2,079	2,081	1,968	1,834	1,704
Below Normal Water Years	1,485	1,494	1,509	1,553	1,629	1,740	1,900	1,876	1,845	1,718	1,550	1,409
Dry Water Years	1,410	1,405	1,423	1,412	1,491	1,612	1,730	1,689	1,643	1,481	1,310	1,195
Critical Water Years	956	943	955	942	990	1,063	1,120	1,076	1,004	865	745	665

Table 5A-B3.1.1.4-C. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	-1	7	0	0	0
20%	0	3	1	0	0	0	-1	-3	0	-11	0	0
30%	11	9	2	2	-4	-1	6	0	-2	-1	-5	5
40%	-13	-9	1	6	-2	-20	4	0	11	8	-4	6
50%	37	21	-27	0	-6	-5	-4	-4	-14	-8	-7	0
60%	0	-8	13	-9	4	14	-2	-13	-7	5	-17	-13
70%	-9	-5	0	1	1	23	0	-7	-5	12	3	0
80%	-4	1	-24	-10	16	20	-2	11	-3	24	4	4
90%	29	25	11	42	32	38	33	6	23	12	15	16

Table 5A-B3.1.1.4-D. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	3	3	4	4	4	4	4	3	2	3	3
Wet Water Years	-5	-5	-4	-2	-2	0	0	-1	-1	-4	-4	-1
Above Normal Water Years	8	6	3	5	6	5	4	4	4	4	7	6
Below Normal Water Years	3	5	4	4	5	4	3	4	3	5	9	8
Dry Water Years	2	1	-1	-1	-3	-4	-4	-5	-6	-7	-7	-5
Critical Water Years	18	19	19	21	20	22	22	21	21	20	14	9

Table 5A-B3.1.1.5-A. Trinity Lake End-of-Month Storage (S_TRNTY), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,850	1,850	1,850	1,900	2,000	2,100	2,300	2,381	2,441	2,270	2,150	1,975
20%	1,850	1,845	1,838	1,900	2,000	2,100	2,274	2,305	2,279	2,222	2,126	1,975
30%	1,790	1,800	1,798	1,855	1,961	2,091	2,229	2,202	2,145	2,065	1,895	1,801
40%	1,636	1,653	1,708	1,767	1,881	1,992	2,161	2,134	2,093	1,950	1,783	1,656
50%	1,509	1,537	1,627	1,676	1,726	1,888	2,053	1,997	1,928	1,813	1,674	1,529
60%	1,359	1,346	1,469	1,582	1,655	1,778	1,907	1,852	1,827	1,700	1,500	1,373
70%	1,233	1,235	1,299	1,326	1,543	1,627	1,746	1,729	1,724	1,590	1,411	1,273
80%	1,028	1,075	1,086	1,086	1,226	1,332	1,449	1,488	1,379	1,260	1,074	978
90%	711	704	717	787	874	987	1,128	1,084	977	878	763	670

Table 5A-B3.1.1.5-B. Trinity Lake End-of-Month Storage (S_TRNTY), End-of-Month Storage (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,405	1,412	1,455	1,510	1,610	1,728	1,877	1,871	1,842	1,712	1,570	1,443
Wet Water Years	1,504	1,533	1,627	1,743	1,897	2,033	2,222	2,252	2,240	2,125	2,003	1,858
Above Normal Water Years	1,520	1,515	1,550	1,640	1,737	1,878	2,050	2,077	2,079	1,966	1,831	1,701
Below Normal Water Years	1,488	1,495	1,510	1,554	1,630	1,741	1,901	1,877	1,847	1,721	1,552	1,414
Dry Water Years	1,410	1,406	1,424	1,414	1,492	1,613	1,732	1,691	1,645	1,482	1,310	1,194
Critical Water Years	959	944	957	937	987	1,058	1,116	1,072	999	860	746	665

Table 5A-B3.1.1.5-C. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	0	0	0	7	0	0	0
20%	0	6	1	0	0	0	-1	0	0	3	-3	0
30%	30	5	-3	4	4	-1	6	0	-5	0	1	30
40%	1	-4	10	6	-2	2	4	4	11	11	2	-6
50%	39	23	-3	8	-8	0	-7	-4	-14	-6	-8	0
60%	13	-7	14	5	4	0	-11	-14	-20	5	-13	-6
70%	-2	-7	5	1	0	10	5	8	-5	5	3	0
80%	-19	-2	-21	-18	15	16	-5	7	-8	13	-8	-8
90%	19	15	3	32	24	43	24	-7	5	5	8	10

Table 5A-B3.1.1.5-D. Trinity Lake End-of-Month Storage (S_TRNTY), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6	5	4	4	4	4	4	4	4	3	4	5
Wet Water Years	-2	-1	-2	0	0	1	1	1	1	0	0	4
Above Normal Water Years	10	10	7	4	4	3	2	2	2	2	4	3
Below Normal Water Years	6	6	5	5	5	5	4	5	5	7	11	13
Dry Water Years	3	1	1	0	-1	-2	-2	-3	-4	-7	-6	-6
Critical Water Years	21	20	20	16	17	17	18	17	16	15	14	9

B.1.2 Shasta Storage

Figure 5A-B3.1.2.1-A. Shasta Lake End-of-Month Storage (S_SHSTA), Probability of Exceedance for Existing Conditions, October to March

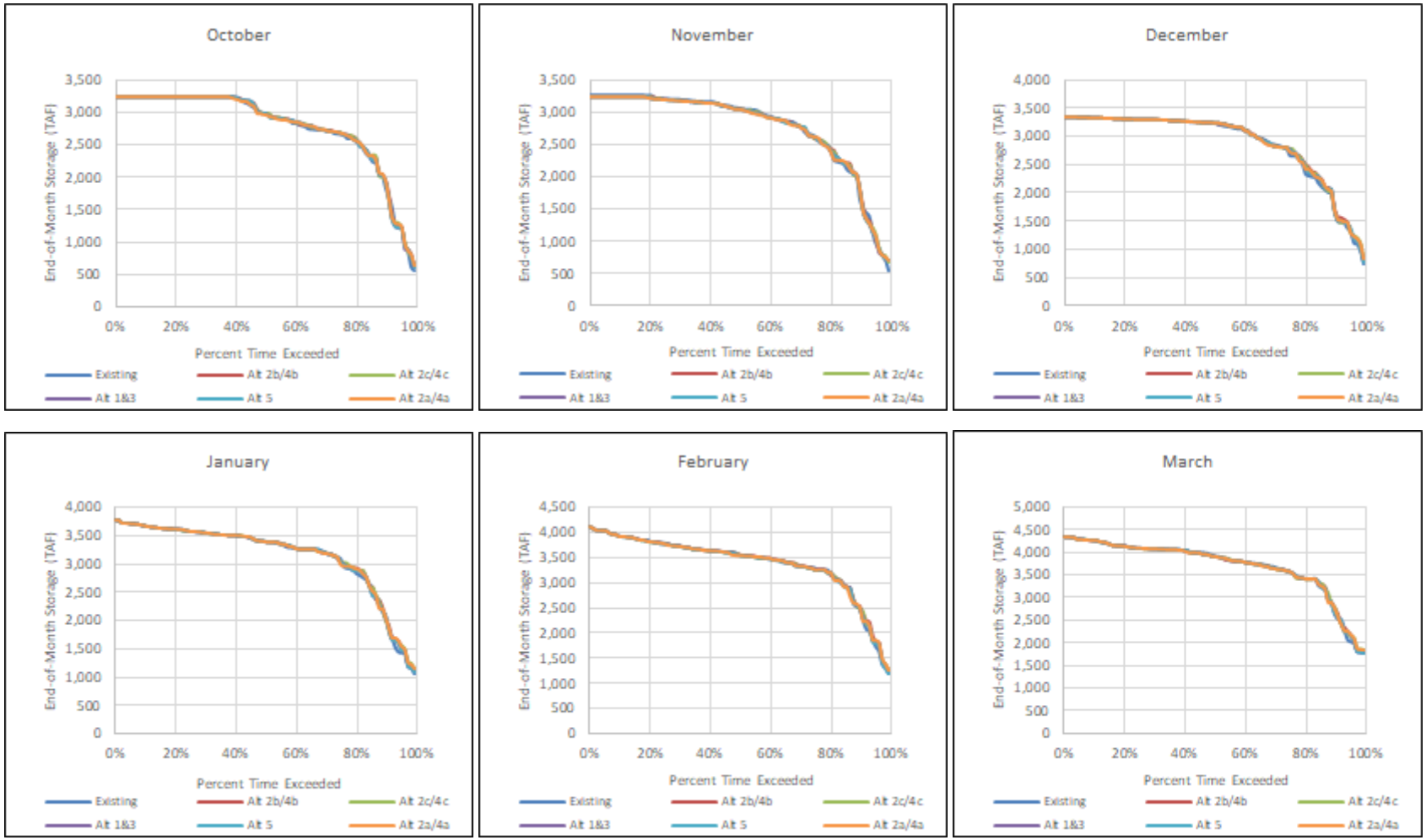


Figure 5A-B3.1.2.1-B. Shasta Lake End-of-Month Storage (S_SHSTA), Probability of Exceedance for Existing Conditions, April to September

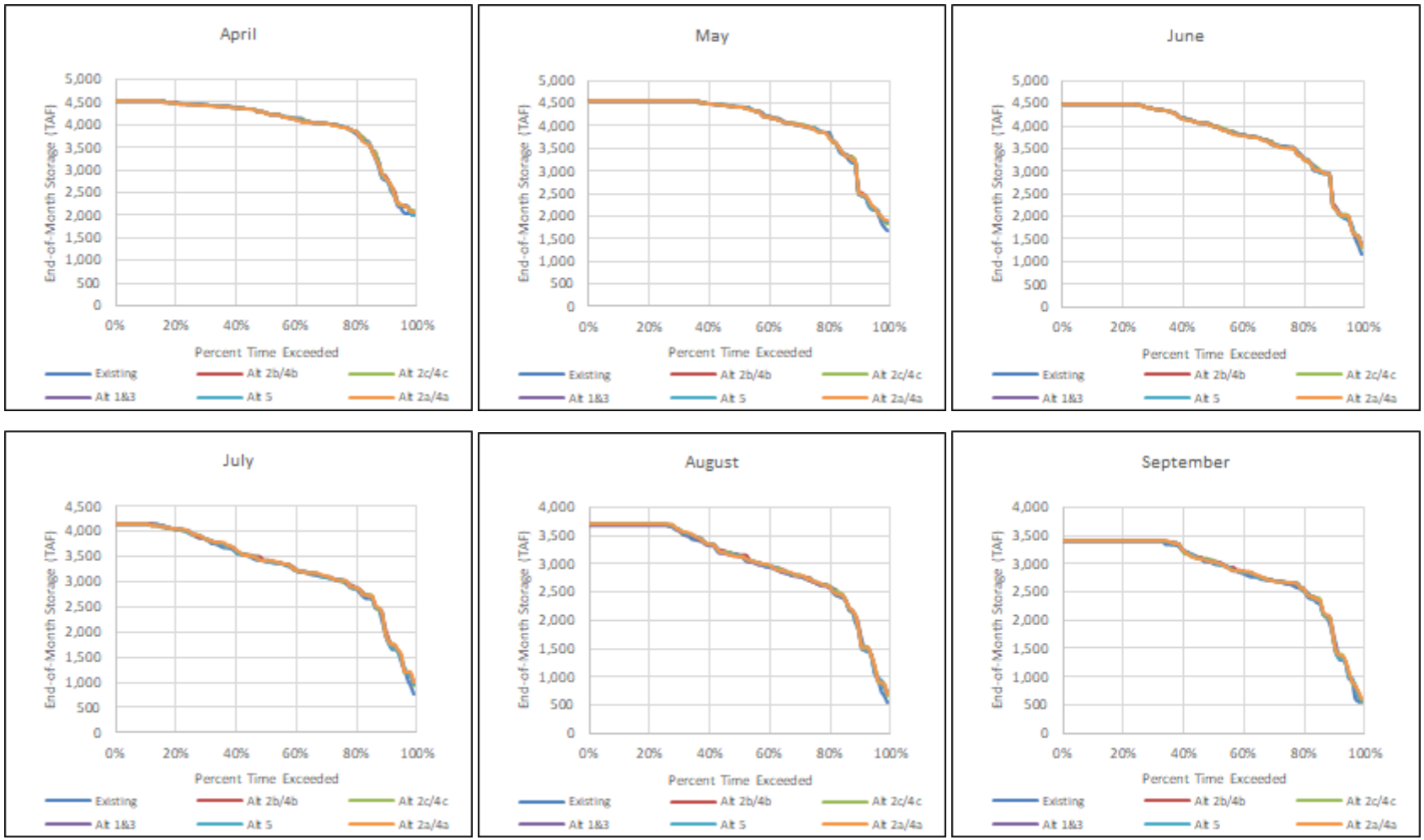


Table 5A-B3.1.2.1-A. Shasta Lake End-of-Month Storage (S_SHSTA), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,250	3,252	3,343	3,663	3,921	4,266	4,552	4,552	4,500	4,150	3,700	3,400
20%	3,250	3,252	3,321	3,605	3,824	4,148	4,506	4,552	4,500	4,047	3,700	3,400
30%	3,250	3,188	3,307	3,539	3,724	4,087	4,461	4,552	4,403	3,852	3,597	3,400
40%	3,242	3,152	3,279	3,497	3,630	4,060	4,409	4,485	4,181	3,607	3,344	3,243
50%	2,989	3,052	3,248	3,393	3,549	3,931	4,294	4,426	4,019	3,414	3,154	3,011
60%	2,837	2,930	3,122	3,270	3,469	3,789	4,164	4,216	3,832	3,236	2,945	2,833
70%	2,729	2,778	2,870	3,198	3,323	3,684	4,050	4,022	3,596	3,100	2,778	2,707
80%	2,575	2,424	2,454	2,864	3,214	3,429	3,848	3,847	3,343	2,907	2,608	2,568
90%	1,899	1,773	1,777	2,068	2,492	2,722	2,802	2,692	2,456	2,092	1,886	1,814

Table 5A-B3.1.2.1-B. Shasta Lake End-of-Month Storage (S_SHSTA), End-of-Month Storage (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,784	2,764	2,885	3,148	3,378	3,714	4,036	4,051	3,789	3,296	2,979	2,827
Wet Water Years	2,913	2,973	3,143	3,489	3,582	3,859	4,311	4,499	4,382	3,908	3,549	3,311
Above Normal Water Years	2,880	2,836	2,992	3,304	3,632	4,025	4,433	4,474	4,269	3,743	3,398	3,183
Below Normal Water Years	2,945	2,924	3,010	3,279	3,532	3,926	4,299	4,235	3,887	3,315	2,985	2,878
Dry Water Years	2,831	2,760	2,872	3,055	3,468	3,889	4,062	3,965	3,557	3,050	2,773	2,704
Critical Water Years	2,120	2,010	2,061	2,184	2,376	2,604	2,663	2,538	2,216	1,851	1,624	1,543

Table 5A-B3.1.2.1-C. Shasta Lake End-of-Month Storage (S_SHSTA), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,250	3,252	3,343	3,663	3,913	4,273	4,552	4,552	4,500	4,150	3,700	3,400
20%	3,250	3,252	3,321	3,605	3,810	4,148	4,506	4,552	4,500	4,046	3,700	3,400
30%	3,250	3,194	3,309	3,539	3,724	4,082	4,454	4,552	4,404	3,850	3,603	3,400
40%	3,234	3,152	3,276	3,498	3,628	4,053	4,406	4,487	4,188	3,645	3,336	3,241
50%	2,994	3,059	3,247	3,389	3,555	3,915	4,284	4,410	4,033	3,431	3,149	3,033
60%	2,860	2,937	3,130	3,276	3,483	3,794	4,155	4,184	3,808	3,262	2,955	2,870
70%	2,739	2,802	2,842	3,192	3,334	3,664	4,041	4,024	3,667	3,111	2,782	2,701
80%	2,617	2,477	2,554	2,929	3,178	3,430	3,881	3,813	3,337	2,883	2,593	2,558
90%	1,978	1,886	1,793	2,092	2,528	2,828	2,892	2,766	2,515	2,173	1,964	1,885

Table 5A-B3.1.2.1-D. Shasta Lake End-of-Month Storage (S_SHSTA), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,800	2,781	2,902	3,163	3,389	3,724	4,045	4,059	3,799	3,316	2,994	2,846
Wet Water Years	2,917	2,980	3,144	3,488	3,582	3,858	4,311	4,497	4,383	3,913	3,558	3,320
Above Normal Water Years	2,890	2,841	2,998	3,312	3,624	4,027	4,435	4,476	4,273	3,768	3,426	3,213
Below Normal Water Years	2,954	2,934	3,020	3,293	3,542	3,935	4,304	4,243	3,895	3,349	2,995	2,909
Dry Water Years	2,843	2,775	2,889	3,051	3,466	3,875	4,048	3,952	3,548	3,041	2,764	2,697
Critical Water Years	2,183	2,073	2,134	2,260	2,445	2,674	2,728	2,600	2,276	1,910	1,676	1,586

Table 5A-B3.1.2.1-E. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	1	0	-7	6	0	0	0	0	0	0
20%	0	0	0	0	-14	0	0	0	0	-2	0	0
30%	0	6	1	0	0	-5	-7	0	1	-1	6	0
40%	-7	0	-2	1	-2	-6	-3	2	7	37	-8	-2
50%	5	7	-1	-5	6	-16	-9	-16	13	17	-6	22
60%	23	7	8	6	14	5	-10	-32	-23	26	10	37
70%	10	24	-28	-7	10	-20	-9	2	71	11	4	-6
80%	42	52	100	65	-37	2	33	-34	-5	-24	-15	-9
90%	79	113	17	24	37	106	90	74	58	81	79	71

Table 5A-B3.1.2.1-F. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	16	17	17	14	11	10	9	8	10	20	15	19
Wet Water Years	4	7	1	-1	0	-1	0	-2	0	4	9	8
Above Normal Water Years	10	5	6	8	-8	2	2	1	5	25	27	30
Below Normal Water Years	9	10	11	14	10	9	5	7	8	35	10	32
Dry Water Years	12	15	17	-4	-3	-13	-14	-13	-8	-9	-9	-7
Critical Water Years	63	63	73	75	70	70	65	61	60	59	52	42

Table 5A-B3.1.2.2-A. Shasta Lake End-of-Month Storage (S_SHSTA), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,250	3,252	3,343	3,663	3,913	4,273	4,552	4,552	4,500	4,149	3,700	3,400
20%	3,250	3,248	3,321	3,605	3,810	4,142	4,492	4,552	4,500	4,045	3,700	3,400
30%	3,250	3,193	3,309	3,539	3,724	4,087	4,456	4,552	4,402	3,852	3,603	3,400
40%	3,231	3,153	3,281	3,498	3,635	4,058	4,402	4,487	4,194	3,637	3,332	3,231
50%	2,997	3,054	3,256	3,388	3,553	3,915	4,283	4,409	4,031	3,423	3,137	3,061
60%	2,857	2,924	3,122	3,275	3,483	3,794	4,149	4,191	3,822	3,265	2,959	2,856
70%	2,739	2,798	2,835	3,197	3,334	3,658	4,050	4,046	3,660	3,114	2,799	2,706
80%	2,613	2,466	2,542	2,911	3,199	3,426	3,877	3,810	3,334	2,879	2,616	2,560
90%	1,961	1,866	1,764	2,072	2,514	2,821	2,869	2,740	2,453	2,117	1,902	1,826

Table 5A-B3.1.2.2-B. Shasta Lake End-of-Month Storage (S_SHSTA), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,800	2,780	2,901	3,161	3,390	3,725	4,045	4,060	3,798	3,314	2,994	2,844
Wet Water Years	2,914	2,977	3,142	3,487	3,582	3,858	4,311	4,497	4,382	3,915	3,557	3,317
Above Normal Water Years	2,893	2,833	2,994	3,304	3,621	4,028	4,436	4,476	4,273	3,757	3,423	3,208
Below Normal Water Years	2,953	2,933	3,021	3,294	3,551	3,940	4,308	4,248	3,899	3,353	3,002	2,915
Dry Water Years	2,843	2,775	2,883	3,051	3,465	3,875	4,045	3,949	3,545	3,038	2,764	2,694
Critical Water Years	2,184	2,076	2,133	2,257	2,441	2,670	2,724	2,596	2,270	1,902	1,667	1,576

Table 5A-B3.1.2.2-C. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	1	0	-8	6	0	0	0	-1	0	0
20%	0	-3	0	0	-14	-6	-14	0	0	-3	0	0
30%	0	5	1	0	0	0	-4	0	0	1	6	0
40%	-10	1	3	1	5	-1	-7	2	13	30	-12	-12
50%	8	2	8	-5	3	-16	-11	-17	12	9	-17	50
60%	20	-6	0	5	14	5	-16	-25	-10	29	14	23
70%	10	20	-35	-1	10	-25	0	24	64	14	21	-2
80%	39	41	88	48	-16	-3	29	-37	-9	-27	8	-8
90%	62	93	-13	4	23	98	66	48	-3	25	16	11

Table 5A-B3.1.2.2-D. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	16	15	16	13	12	11	9	8	9	18	15	17
Wet Water Years	2	4	0	-2	0	-1	0	-2	-1	6	8	5
Above Normal Water Years	13	-3	2	0	-11	2	3	1	5	15	25	25
Below Normal Water Years	8	9	12	15	19	14	9	13	11	39	17	37
Dry Water Years	12	15	11	-4	-3	-13	-17	-16	-12	-12	-9	-10
Critical Water Years	63	67	73	72	65	66	60	58	54	50	42	33

Table 5A-B3.1.2.3-A. Shasta Lake End-of-Month Storage (S_SHSTA), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,250	3,252	3,342	3,663	3,913	4,273	4,552	4,552	4,500	4,149	3,700	3,400
20%	3,250	3,236	3,321	3,608	3,810	4,142	4,499	4,552	4,500	4,045	3,700	3,400
30%	3,250	3,193	3,309	3,545	3,724	4,087	4,454	4,552	4,402	3,853	3,603	3,400
40%	3,233	3,152	3,281	3,498	3,639	4,049	4,398	4,487	4,195	3,636	3,343	3,238
50%	2,988	3,054	3,253	3,388	3,543	3,915	4,293	4,409	4,016	3,413	3,151	3,035
60%	2,864	2,938	3,122	3,275	3,483	3,794	4,144	4,198	3,823	3,233	2,956	2,852
70%	2,726	2,787	2,833	3,197	3,332	3,665	4,050	4,018	3,612	3,098	2,790	2,703
80%	2,584	2,454	2,505	2,880	3,197	3,432	3,875	3,796	3,322	2,868	2,608	2,543
90%	1,972	1,877	1,792	2,121	2,507	2,731	2,833	2,707	2,449	2,115	1,896	1,822

Table 5A-B3.1.2.3-B. Shasta Lake End-of-Month Storage (S_SHSTA), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,793	2,773	2,894	3,156	3,382	3,718	4,038	4,053	3,790	3,308	2,988	2,838
Wet Water Years	2,915	2,978	3,143	3,488	3,582	3,858	4,311	4,499	4,382	3,916	3,559	3,317
Above Normal Water Years	2,888	2,828	2,993	3,306	3,620	4,028	4,435	4,473	4,267	3,753	3,416	3,196
Below Normal Water Years	2,950	2,930	3,017	3,291	3,543	3,932	4,300	4,239	3,889	3,345	2,999	2,912
Dry Water Years	2,835	2,765	2,879	3,047	3,460	3,872	4,041	3,944	3,539	3,036	2,762	2,695
Critical Water Years	2,159	2,051	2,100	2,228	2,408	2,643	2,700	2,572	2,247	1,877	1,641	1,551

Table 5A-B3.1.2.3-C. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	-1	0	-8	6	0	0	0	-1	0	0
20%	0	-16	0	2	-14	-6	-7	0	0	-2	0	0
30%	0	5	1	6	0	0	-7	0	0	1	6	0
40%	-8	0	2	1	9	-11	-12	2	13	28	-1	-5
50%	-1	3	5	-5	-6	-16	-1	-17	-3	-1	-3	24
60%	27	8	0	6	14	5	-20	-18	-9	-3	10	18
70%	-3	9	-37	-1	9	-18	0	-3	16	-2	13	-4
80%	9	30	50	17	-17	4	26	-51	-21	-39	0	-25
90%	73	104	15	53	15	9	31	15	-8	23	11	8

Table 5A-B3.1.2.3-D. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	9	9	9	8	4	4	2	2	1	12	9	11
Wet Water Years	2	5	1	-1	0	-1	0	0	-1	8	10	5
Above Normal Water Years	8	-8	1	2	-12	3	2	-1	-2	10	18	14
Below Normal Water Years	5	5	7	12	11	6	1	4	2	30	13	34
Dry Water Years	4	5	6	-8	-8	-17	-21	-21	-17	-15	-11	-8
Critical Water Years	39	41	39	43	32	39	37	33	31	26	17	8

Table 5A-B3.1.2.4-A. Shasta Lake End-of-Month Storage (S_SHSTA), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,250	3,252	3,343	3,663	3,913	4,273	4,552	4,552	4,500	4,149	3,700	3,400
20%	3,250	3,230	3,321	3,608	3,810	4,141	4,499	4,552	4,500	4,049	3,700	3,400
30%	3,250	3,189	3,310	3,544	3,718	4,087	4,448	4,552	4,402	3,853	3,603	3,400
40%	3,213	3,152	3,281	3,496	3,632	4,040	4,398	4,487	4,179	3,647	3,345	3,244
50%	2,970	3,056	3,252	3,386	3,532	3,915	4,293	4,409	4,015	3,416	3,124	3,028
60%	2,859	2,930	3,131	3,271	3,483	3,794	4,137	4,196	3,805	3,235	2,985	2,863
70%	2,737	2,793	2,837	3,176	3,327	3,652	4,050	4,019	3,623	3,118	2,795	2,693
80%	2,577	2,441	2,497	2,911	3,195	3,433	3,885	3,775	3,330	2,887	2,608	2,559
90%	1,983	1,891	1,793	2,099	2,525	2,801	2,865	2,730	2,457	2,122	1,910	1,835

Table 5A-B3.1.2.4-B. Shasta Lake End-of-Month Storage (S_SHSTA), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,794	2,774	2,897	3,157	3,380	3,719	4,038	4,053	3,792	3,315	2,995	2,841
Wet Water Years	2,909	2,977	3,145	3,489	3,582	3,858	4,311	4,499	4,382	3,920	3,561	3,318
Above Normal Water Years	2,892	2,836	2,999	3,312	3,620	4,026	4,433	4,473	4,267	3,762	3,418	3,197
Below Normal Water Years	2,952	2,930	3,015	3,289	3,530	3,930	4,295	4,234	3,886	3,348	2,999	2,910
Dry Water Years	2,828	2,755	2,873	3,039	3,454	3,865	4,034	3,937	3,540	3,044	2,777	2,699
Critical Water Years	2,175	2,064	2,119	2,241	2,421	2,659	2,718	2,590	2,265	1,896	1,659	1,570

Table 5A-B3.1.2.4-C. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	-8	6	0	0	0	-1	0	0
20%	0	-21	0	2	-14	-7	-7	0	0	2	0	0
30%	0	1	2	5	-6	0	-13	0	-1	1	6	0
40%	-28	0	2	-1	2	-20	-12	2	-2	40	1	0
50%	-20	5	4	-8	-17	-16	-1	-17	-4	2	-30	17
60%	22	0	9	1	14	5	-27	-21	-27	0	39	30
70%	9	15	-32	-23	3	-32	0	-3	27	18	17	-14
80%	2	17	43	47	-19	4	37	-72	-13	-20	0	-9
90%	84	118	16	31	34	78	63	38	1	30	24	21

Table 5A-B3.1.2.4-D. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	9	10	12	9	2	5	2	2	4	19	16	14
Wet Water Years	-4	4	3	-1	0	-1	0	0	-1	12	12	6
Above Normal Water Years	12	0	7	8	-12	1	0	-1	-2	20	20	14
Below Normal Water Years	6	6	5	9	-2	4	-4	-2	-2	33	14	32
Dry Water Years	-3	-5	1	-16	-14	-23	-28	-28	-16	-6	4	-5
Critical Water Years	54	54	58	57	45	55	54	51	49	44	35	26

Table 5A-B3.1.2.5-A. Shasta Lake End-of-Month Storage (S_SHSTA), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,250	3,252	3,342	3,663	3,913	4,273	4,552	4,552	4,500	4,149	3,700	3,400
20%	3,250	3,236	3,321	3,607	3,810	4,142	4,499	4,552	4,500	4,045	3,700	3,400
30%	3,250	3,193	3,309	3,545	3,724	4,087	4,454	4,552	4,402	3,853	3,603	3,400
40%	3,233	3,152	3,281	3,498	3,639	4,049	4,398	4,487	4,195	3,635	3,344	3,238
50%	2,988	3,054	3,252	3,388	3,543	3,915	4,294	4,409	4,016	3,413	3,135	3,028
60%	2,864	2,937	3,139	3,275	3,483	3,794	4,144	4,198	3,823	3,233	2,956	2,852
70%	2,725	2,787	2,833	3,197	3,332	3,664	4,050	4,018	3,611	3,097	2,790	2,702
80%	2,583	2,454	2,504	2,880	3,197	3,432	3,868	3,791	3,315	2,863	2,604	2,540
90%	1,971	1,877	1,791	2,121	2,518	2,727	2,832	2,706	2,449	2,115	1,897	1,823

Table 5A-B3.1.2.5-B. Shasta Lake End-of-Month Storage (S_SHSTA), End-of-Month Storage (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,793	2,773	2,894	3,156	3,382	3,718	4,038	4,053	3,790	3,308	2,987	2,837
Wet Water Years	2,916	2,979	3,145	3,489	3,582	3,858	4,311	4,499	4,382	3,916	3,559	3,317
Above Normal Water Years	2,888	2,828	2,993	3,305	3,620	4,028	4,435	4,473	4,267	3,749	3,411	3,196
Below Normal Water Years	2,950	2,930	3,018	3,292	3,543	3,932	4,300	4,239	3,889	3,345	2,997	2,908
Dry Water Years	2,833	2,763	2,877	3,046	3,459	3,870	4,039	3,942	3,537	3,034	2,760	2,694
Critical Water Years	2,157	2,049	2,098	2,226	2,408	2,645	2,702	2,573	2,248	1,879	1,643	1,553

Table 5A-B3.1.2.5-C. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	-1	0	-8	6	0	0	0	-1	0	0
20%	0	-16	0	2	-14	-6	-7	0	0	-2	0	0
30%	0	5	1	6	0	0	-7	0	0	1	6	0
40%	-8	0	2	1	9	-11	-12	2	13	28	0	-5
50%	-1	3	5	-5	-6	-16	0	-17	-3	-2	-19	17
60%	27	8	17	6	14	5	-20	-18	-9	-3	10	18
70%	-3	9	-37	-1	8	-20	0	-3	16	-2	13	-5
80%	9	29	50	16	-17	4	20	-56	-28	-44	-4	-28
90%	73	104	15	53	26	4	30	14	-8	23	11	8

Table 5A-B3.1.2.5-D. Shasta Lake End-of-Month Storage (S_SHSTA), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	9	9	9	8	4	4	2	2	1	12	8	10
Wet Water Years	3	6	2	0	0	-1	0	0	-1	8	10	5
Above Normal Water Years	8	-8	0	2	-12	3	2	-1	-2	6	13	14
Below Normal Water Years	5	6	8	13	10	6	1	4	2	30	12	30
Dry Water Years	2	3	5	-9	-9	-19	-23	-23	-19	-16	-13	-10
Critical Water Years	36	39	38	41	33	41	38	35	32	28	19	9

B.1.3 Oroville Storage

Figure 5A-B3.1.3.1-A. Lake Oroville End-of-Month Storage (S_OROVL), Probability of Exceedance for Existing Conditions, October to March

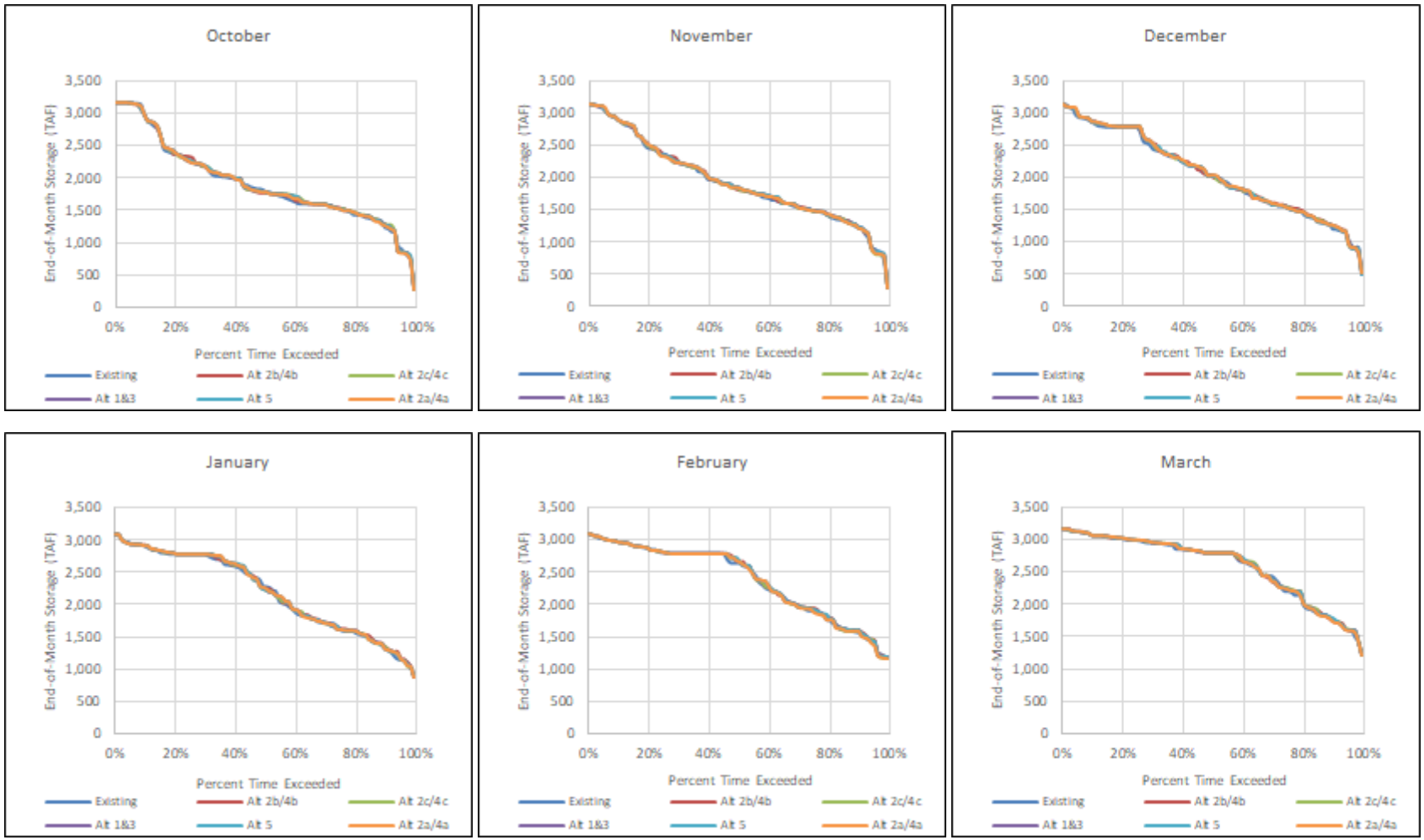


Figure 5A-B3.1.3.1-B. Lake Oroville End-of-Month Storage (S_OROVL), Probability of Exceedance for Existing Conditions, April to September

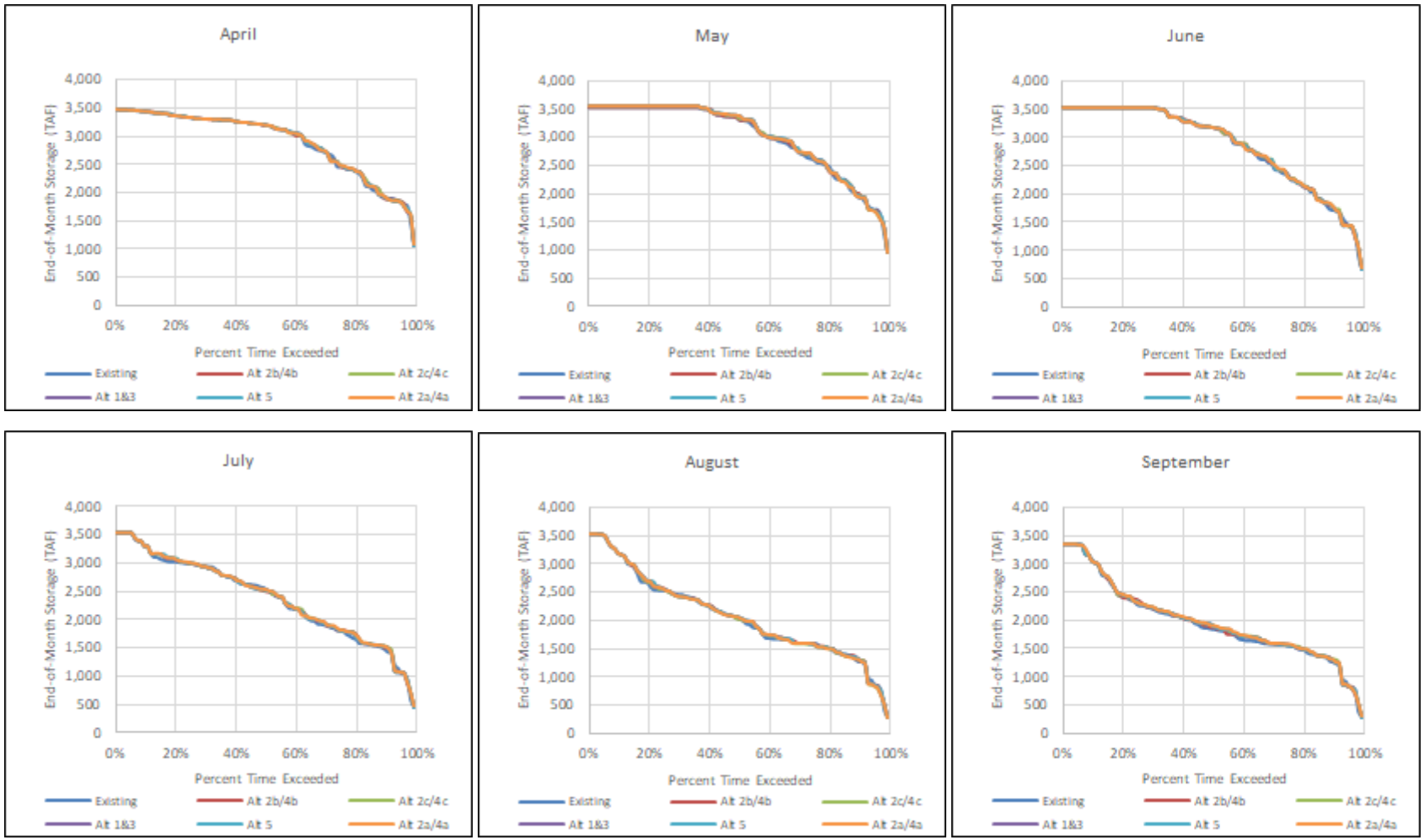


Table 5A-B3.1.3.1-A. Lake Oroville End-of-Month Storage (S_OROVL), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,943	2,884	2,857	2,913	2,965	3,062	3,425	3,538	3,538	3,300	3,185	3,060
20%	2,364	2,457	2,788	2,788	2,857	3,011	3,353	3,538	3,538	3,028	2,634	2,415
30%	2,179	2,228	2,450	2,787	2,788	2,944	3,298	3,538	3,538	2,953	2,457	2,210
40%	1,983	1,971	2,247	2,602	2,788	2,851	3,257	3,501	3,303	2,701	2,253	2,054
50%	1,796	1,850	2,033	2,290	2,641	2,788	3,184	3,336	3,189	2,558	2,038	1,849
60%	1,633	1,681	1,800	1,902	2,237	2,662	3,044	3,004	2,877	2,198	1,685	1,664
70%	1,592	1,540	1,578	1,734	1,958	2,433	2,714	2,747	2,530	1,913	1,593	1,594
80%	1,432	1,425	1,458	1,585	1,766	2,070	2,397	2,494	2,167	1,673	1,500	1,486
90%	1,263	1,223	1,218	1,341	1,572	1,767	1,922	1,959	1,727	1,493	1,276	1,276

Table 5A-B3.1.3.1-B. Lake Oroville End-of-Month Storage (S_OROVL), End-of-Month Storage (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,911	1,925	2,046	2,195	2,374	2,586	2,901	3,007	2,869	2,392	2,073	1,964
Wet Water Years	2,052	2,137	2,415	2,669	2,836	2,937	3,312	3,511	3,479	3,099	2,835	2,660
Above Normal Water Years	2,036	2,019	2,078	2,378	2,638	2,929	3,320	3,505	3,439	2,880	2,432	2,186
Below Normal Water Years	2,003	2,007	2,083	2,172	2,331	2,600	3,005	3,105	2,954	2,350	1,887	1,798
Dry Water Years	1,740	1,724	1,759	1,796	2,018	2,323	2,552	2,572	2,287	1,741	1,510	1,505
Critical Water Years	1,553	1,492	1,501	1,516	1,629	1,817	1,895	1,842	1,602	1,270	1,071	1,068

Table 5A-B3.1.3.1-C. Lake Oroville End-of-Month Storage (S_OROVL), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,943	2,884	2,874	2,927	2,965	3,062	3,434	3,538	3,538	3,302	3,184	3,041
20%	2,362	2,499	2,788	2,796	2,862	3,020	3,359	3,538	3,538	3,074	2,689	2,415
30%	2,169	2,245	2,535	2,788	2,788	2,955	3,298	3,538	3,537	2,941	2,432	2,220
40%	2,003	1,996	2,251	2,623	2,788	2,857	3,257	3,507	3,349	2,746	2,271	2,048
50%	1,768	1,807	2,010	2,251	2,684	2,788	3,190	3,337	3,185	2,514	2,035	1,885
60%	1,661	1,709	1,794	1,931	2,271	2,672	3,018	3,015	2,896	2,203	1,745	1,732
70%	1,594	1,553	1,599	1,724	1,988	2,363	2,732	2,773	2,566	1,961	1,593	1,594
80%	1,462	1,429	1,479	1,599	1,807	2,115	2,396	2,441	2,169	1,776	1,517	1,508
90%	1,291	1,247	1,256	1,363	1,599	1,767	1,910	2,008	1,789	1,519	1,308	1,310

Table 5A-B3.1.3.1-D. Lake Oroville End-of-Month Storage (S_OROVL), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,919	1,934	2,055	2,203	2,384	2,595	2,910	3,017	2,876	2,405	2,089	1,979
Wet Water Years	2,052	2,136	2,412	2,666	2,838	2,937	3,312	3,511	3,478	3,103	2,849	2,672
Above Normal Water Years	2,012	1,997	2,060	2,364	2,635	2,923	3,318	3,505	3,439	2,904	2,464	2,218
Below Normal Water Years	2,021	2,027	2,106	2,190	2,349	2,615	3,017	3,121	2,965	2,346	1,907	1,812
Dry Water Years	1,771	1,754	1,789	1,823	2,046	2,351	2,581	2,602	2,313	1,783	1,518	1,516
Critical Water Years	1,563	1,508	1,510	1,525	1,636	1,828	1,905	1,852	1,609	1,283	1,080	1,077

Table 5A-B3.1.3.1-E. Lake Oroville End-of-Month Storage (S_OROVL), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	1	17	14	0	0	10	0	0	2	0	-20
20%	-2	42	0	8	5	8	6	0	0	47	55	0
30%	-11	17	85	1	0	11	0	0	-1	-12	-25	10
40%	20	25	4	21	0	6	0	6	46	45	18	-6
50%	-28	-43	-23	-39	43	0	6	1	-4	-44	-3	35
60%	28	28	-6	29	34	11	-26	12	19	5	60	68
70%	2	13	21	-10	31	-70	18	26	36	47	0	0
80%	30	4	22	15	42	45	-1	-53	2	103	18	22
90%	28	24	38	22	27	0	-12	49	62	26	31	34

Table 5A-B3.1.3.1-F. Lake Oroville End-of-Month Storage (S_OROVL), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7	9	9	8	10	9	9	10	8	12	16	15
Wet Water Years	-1	-2	-2	-3	1	0	0	0	-2	4	14	12
Above Normal Water Years	-23	-21	-18	-14	-4	-6	-3	0	0	25	31	32
Below Normal Water Years	17	19	23	18	18	15	12	15	11	-4	20	14
Dry Water Years	31	31	30	27	28	28	29	30	27	42	8	11
Critical Water Years	9	16	10	10	7	11	10	11	7	13	8	10

Table 5A-B3.1.3.2-A. Lake Oroville End-of-Month Storage (S_OROVL), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,941	2,881	2,861	2,923	2,965	3,062	3,431	3,538	3,538	3,303	3,185	3,041
20%	2,374	2,487	2,788	2,796	2,862	3,019	3,353	3,538	3,538	3,085	2,678	2,447
30%	2,172	2,231	2,526	2,788	2,788	2,955	3,297	3,538	3,537	2,942	2,425	2,232
40%	1,989	1,999	2,248	2,623	2,788	2,857	3,257	3,471	3,301	2,730	2,266	2,053
50%	1,777	1,826	2,022	2,243	2,669	2,788	3,195	3,338	3,189	2,522	2,030	1,915
60%	1,705	1,718	1,800	1,926	2,277	2,679	3,045	3,008	2,901	2,209	1,740	1,729
70%	1,593	1,534	1,589	1,720	1,974	2,360	2,732	2,791	2,601	1,937	1,593	1,592
80%	1,457	1,420	1,466	1,598	1,782	2,117	2,388	2,448	2,175	1,756	1,517	1,502
90%	1,274	1,243	1,256	1,372	1,599	1,758	1,925	1,980	1,798	1,536	1,320	1,315

Table 5A-B3.1.3.2-B. Lake Oroville End-of-Month Storage (S_OROVL), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,917	1,932	2,054	2,202	2,381	2,593	2,907	3,014	2,874	2,401	2,085	1,980
Wet Water Years	2,052	2,135	2,417	2,671	2,837	2,937	3,312	3,511	3,477	3,102	2,846	2,678
Above Normal Water Years	2,012	1,997	2,058	2,362	2,635	2,924	3,318	3,505	3,439	2,903	2,457	2,227
Below Normal Water Years	2,012	2,018	2,097	2,181	2,339	2,607	3,009	3,112	2,958	2,341	1,908	1,813
Dry Water Years	1,776	1,758	1,793	1,829	2,052	2,356	2,584	2,604	2,317	1,780	1,513	1,510
Critical Water Years	1,555	1,501	1,503	1,518	1,627	1,820	1,896	1,843	1,599	1,275	1,070	1,070

Table 5A-B3.1.3.2-C. Lake Oroville End-of-Month Storage (S_OROVL), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-2	-2	4	10	0	0	6	0	0	2	0	-19
20%	10	30	0	8	5	8	0	0	0	57	44	33
30%	-7	3	75	1	0	11	-1	0	-1	-11	-32	22
40%	7	28	1	21	0	6	0	-30	-2	29	12	-1
50%	-19	-24	-11	-47	28	0	12	2	0	-36	-9	66
60%	72	37	0	24	40	18	1	4	24	11	55	65
70%	1	-6	11	-15	17	-73	18	44	71	24	0	-1
80%	25	-5	8	14	16	47	-9	-47	7	83	17	16
90%	12	21	38	31	27	-9	3	21	70	43	44	38

Table 5A-B3.1.3.2-D. Lake Oroville End-of-Month Storage (S_OROVL), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	6	8	7	7	7	6	7	5	9	12	16
Wet Water Years	0	-2	2	2	1	-1	0	0	-2	2	12	17
Above Normal Water Years	-24	-22	-20	-16	-4	-5	-2	0	0	23	24	41
Below Normal Water Years	9	10	14	9	8	7	4	6	3	-9	21	16
Dry Water Years	36	35	34	33	33	33	32	32	31	39	3	5
Critical Water Years	2	9	2	2	-3	3	1	2	-3	4	-1	2

Table 5A-B3.1.3.3-A. Lake Oroville End-of-Month Storage (S_OROVL), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,942	2,883	2,866	2,921	2,965	3,062	3,431	3,538	3,538	3,303	3,186	3,041
20%	2,391	2,498	2,788	2,796	2,862	3,019	3,353	3,538	3,538	3,073	2,700	2,458
30%	2,184	2,220	2,531	2,788	2,788	2,955	3,296	3,538	3,538	2,944	2,426	2,236
40%	1,990	1,999	2,249	2,641	2,788	2,857	3,257	3,473	3,297	2,728	2,266	2,054
50%	1,783	1,837	2,027	2,243	2,663	2,788	3,195	3,368	3,187	2,537	2,058	1,915
60%	1,703	1,716	1,828	1,931	2,297	2,705	3,048	3,010	2,885	2,197	1,736	1,722
70%	1,593	1,539	1,581	1,718	1,974	2,357	2,732	2,773	2,582	1,941	1,593	1,594
80%	1,452	1,415	1,469	1,599	1,772	2,110	2,394	2,446	2,174	1,744	1,502	1,496
90%	1,273	1,235	1,264	1,345	1,599	1,753	1,928	1,958	1,795	1,537	1,322	1,313

Table 5A-B3.1.3.3-B. Lake Oroville End-of-Month Storage (S_OROVL), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,917	1,932	2,055	2,202	2,380	2,592	2,906	3,013	2,873	2,400	2,086	1,981
Wet Water Years	2,053	2,136	2,418	2,670	2,837	2,936	3,312	3,511	3,477	3,103	2,849	2,681
Above Normal Water Years	2,021	2,006	2,067	2,365	2,635	2,924	3,318	3,505	3,439	2,904	2,464	2,231
Below Normal Water Years	2,012	2,018	2,100	2,184	2,343	2,611	3,012	3,115	2,960	2,343	1,906	1,815
Dry Water Years	1,773	1,757	1,792	1,827	2,050	2,354	2,580	2,600	2,312	1,773	1,513	1,510
Critical Water Years	1,554	1,498	1,499	1,513	1,622	1,810	1,886	1,834	1,596	1,269	1,065	1,064

Table 5A-B3.1.3.3-C. Lake Oroville End-of-Month Storage (S_OROVL), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-1	-1	9	8	0	0	6	0	0	3	2	-19
20%	27	40	0	8	5	8	0	0	0	45	66	44
30%	5	-8	80	1	0	11	-3	0	0	-9	-31	26
40%	8	28	1	39	0	6	0	-28	-5	27	12	-1
50%	-13	-13	-6	-47	22	0	12	32	-2	-21	20	66
60%	71	36	28	29	60	44	4	7	8	-1	50	58
70%	1	-2	3	-17	16	-76	18	26	53	28	0	0
80%	19	-10	12	15	6	40	-4	-48	6	71	3	11
90%	10	12	47	4	27	-15	6	-1	68	44	46	37

Table 5A-B3.1.3.3-D. Lake Oroville End-of-Month Storage (S_OROVL), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6	7	9	7	7	6	5	6	4	8	13	17
Wet Water Years	0	-1	3	2	0	-1	0	0	-2	4	14	21
Above Normal Water Years	-15	-12	-11	-12	-3	-5	-2	0	0	24	32	45
Below Normal Water Years	9	11	17	12	11	10	7	9	6	-7	19	17
Dry Water Years	33	33	32	31	32	32	28	28	25	32	3	4
Critical Water Years	0	6	-2	-2	-7	-7	-9	-7	-6	-1	-7	-3

Table 5A-B3.1.3.4-A. Lake Oroville End-of-Month Storage (S_OROVL), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,944	2,884	2,867	2,922	2,965	3,062	3,431	3,538	3,538	3,304	3,187	3,043
20%	2,390	2,503	2,788	2,796	2,862	3,022	3,353	3,538	3,538	3,072	2,697	2,458
30%	2,180	2,225	2,533	2,788	2,788	2,955	3,296	3,538	3,538	2,944	2,426	2,237
40%	1,991	1,998	2,267	2,642	2,788	2,857	3,257	3,482	3,298	2,721	2,270	2,065
50%	1,785	1,840	2,029	2,262	2,671	2,788	3,190	3,368	3,185	2,537	2,057	1,903
60%	1,681	1,704	1,821	1,931	2,302	2,684	3,045	2,996	2,885	2,198	1,751	1,736
70%	1,593	1,540	1,590	1,718	1,970	2,354	2,732	2,736	2,549	1,955	1,593	1,592
80%	1,468	1,431	1,462	1,597	1,771	2,074	2,397	2,458	2,176	1,748	1,499	1,492
90%	1,270	1,227	1,257	1,338	1,599	1,753	1,926	1,948	1,796	1,528	1,315	1,307

Table 5A-B3.1.3.4-B. Lake Oroville End-of-Month Storage (S_OROVL), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,917	1,932	2,055	2,201	2,379	2,590	2,903	3,010	2,870	2,399	2,085	1,982
Wet Water Years	2,054	2,137	2,419	2,671	2,837	2,937	3,312	3,511	3,477	3,103	2,849	2,685
Above Normal Water Years	2,025	2,010	2,071	2,368	2,636	2,925	3,318	3,505	3,439	2,904	2,464	2,233
Below Normal Water Years	2,015	2,021	2,104	2,186	2,342	2,610	3,010	3,113	2,959	2,345	1,906	1,814
Dry Water Years	1,770	1,754	1,789	1,825	2,047	2,352	2,575	2,595	2,304	1,769	1,513	1,510
Critical Water Years	1,547	1,490	1,490	1,505	1,613	1,801	1,877	1,825	1,590	1,266	1,062	1,061

Table 5A-B3.1.3.4-C. Lake Oroville End-of-Month Storage (S_OROVL), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	0	10	10	0	0	6	0	0	3	3	-18
20%	26	46	0	8	5	10	0	0	0	44	63	43
30%	1	-3	83	1	0	11	-3	0	0	-9	-31	28
40%	8	27	20	40	0	6	0	-20	-5	19	16	10
50%	-11	-10	-4	-28	30	0	6	32	-3	-21	19	54
60%	48	23	21	29	65	23	1	-7	7	0	65	72
70%	1	-1	12	-17	12	-79	18	-11	19	41	0	-2
80%	35	6	5	12	5	4	0	-37	9	75	-1	7
90%	7	4	39	-3	27	-15	4	-11	69	35	38	30

Table 5A-B3.1.3.4-D. Lake Oroville End-of-Month Storage (S_OROVL), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6	7	9	6	5	4	2	3	2	7	12	18
Wet Water Years	2	0	4	2	0	-1	0	0	-2	4	14	25
Above Normal Water Years	-10	-8	-7	-10	-2	-4	-3	0	0	24	32	47
Below Normal Water Years	12	14	20	14	11	10	5	8	5	-5	19	16
Dry Water Years	30	30	30	29	29	29	23	23	17	28	3	5
Critical Water Years	-7	-2	-10	-10	-16	-16	-18	-17	-12	-5	-10	-6

Table 5A-B3.1.3.5-A. Lake Oroville End-of-Month Storage (S_OROVL), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,942	2,883	2,866	2,921	2,965	3,062	3,431	3,538	3,538	3,303	3,186	3,041
20%	2,391	2,497	2,788	2,796	2,862	3,019	3,359	3,538	3,538	3,090	2,700	2,458
30%	2,184	2,233	2,530	2,788	2,788	2,955	3,296	3,538	3,538	2,944	2,426	2,236
40%	1,996	1,999	2,248	2,649	2,788	2,857	3,257	3,479	3,339	2,726	2,266	2,054
50%	1,783	1,838	2,028	2,243	2,692	2,788	3,195	3,368	3,187	2,536	2,059	1,915
60%	1,717	1,717	1,828	1,932	2,297	2,719	3,053	3,010	2,885	2,197	1,736	1,722
70%	1,593	1,539	1,581	1,736	1,974	2,376	2,732	2,789	2,598	1,942	1,593	1,594
80%	1,452	1,415	1,469	1,599	1,812	2,111	2,394	2,446	2,177	1,744	1,514	1,496
90%	1,273	1,235	1,264	1,345	1,599	1,794	1,928	1,958	1,795	1,537	1,322	1,313

Table 5A-B3.1.3.5-B. Lake Oroville End-of-Month Storage (S_OROVL), End-of-Month Storage (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,920	1,935	2,058	2,204	2,383	2,594	2,908	3,015	2,875	2,402	2,088	1,983
Wet Water Years	2,053	2,136	2,418	2,671	2,837	2,936	3,312	3,511	3,477	3,103	2,849	2,681
Above Normal Water Years	2,021	2,006	2,068	2,365	2,635	2,924	3,318	3,505	3,439	2,912	2,472	2,233
Below Normal Water Years	2,015	2,021	2,103	2,187	2,346	2,614	3,015	3,118	2,963	2,341	1,906	1,817
Dry Water Years	1,780	1,764	1,798	1,832	2,054	2,359	2,584	2,604	2,316	1,777	1,516	1,512
Critical Water Years	1,558	1,502	1,504	1,518	1,627	1,815	1,891	1,839	1,601	1,274	1,070	1,069

Table 5A-B3.1.3.5-C. Lake Oroville End-of-Month Storage (S_OROVL), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-1	-1	9	8	0	0	6	0	0	3	2	-19
20%	27	40	0	8	5	8	6	0	0	62	66	44
30%	5	5	80	1	0	11	-3	0	0	-9	-31	26
40%	13	28	1	47	0	6	0	-22	36	25	12	-1
50%	-13	-12	-5	-47	51	0	12	32	-2	-22	21	66
60%	84	36	28	29	60	58	10	7	8	-1	50	58
70%	1	-2	3	1	16	-57	18	42	68	29	0	0
80%	20	-10	12	15	46	40	-4	-48	10	71	15	11
90%	10	12	46	3	27	26	6	-1	68	44	46	37

Table 5A-B3.1.3.5-D. Lake Oroville End-of-Month Storage (S_OROVL), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8	10	12	9	9	8	7	8	6	10	15	19
Wet Water Years	0	-1	4	2	0	-1	0	0	-2	4	14	21
Above Normal Water Years	-15	-12	-10	-12	-3	-5	-2	0	0	33	40	47
Below Normal Water Years	12	13	20	15	14	13	10	12	9	-9	19	19
Dry Water Years	40	40	39	36	36	36	32	32	29	36	5	7
Critical Water Years	5	11	3	3	-3	-2	-4	-3	-1	4	-2	2

B.1.4 Folsom Storage

Figure 5A-B3.1.4.1-A. Folsom Lake End-of-Month Storage (S_FOLSM), Probability of Exceedance for Existing Conditions, October to March

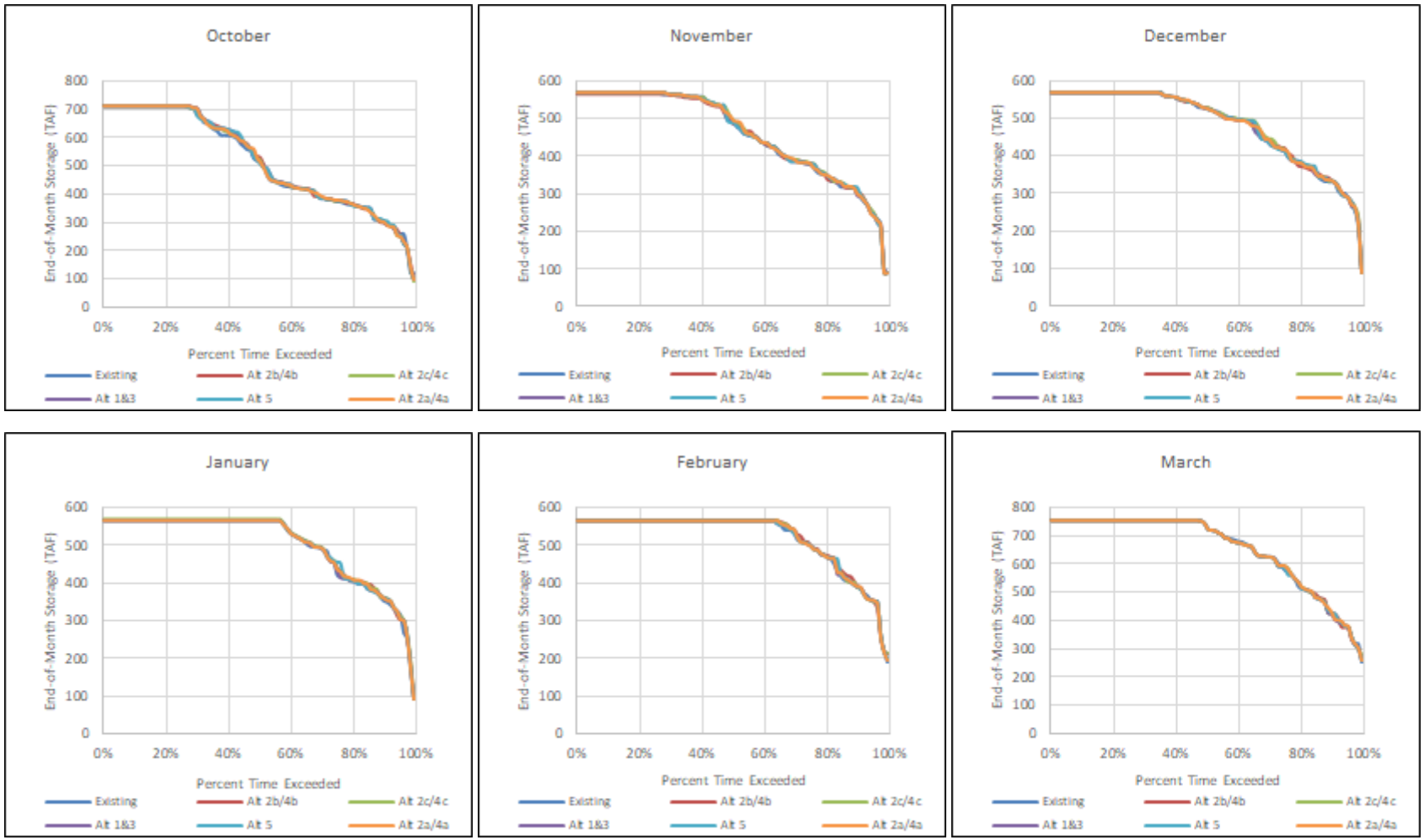


Figure 5A-B3.1.4.1-B. Folsom Lake End-of-Month Storage (S_FOLSM), Probability of Exceedance for Existing Conditions, April to September

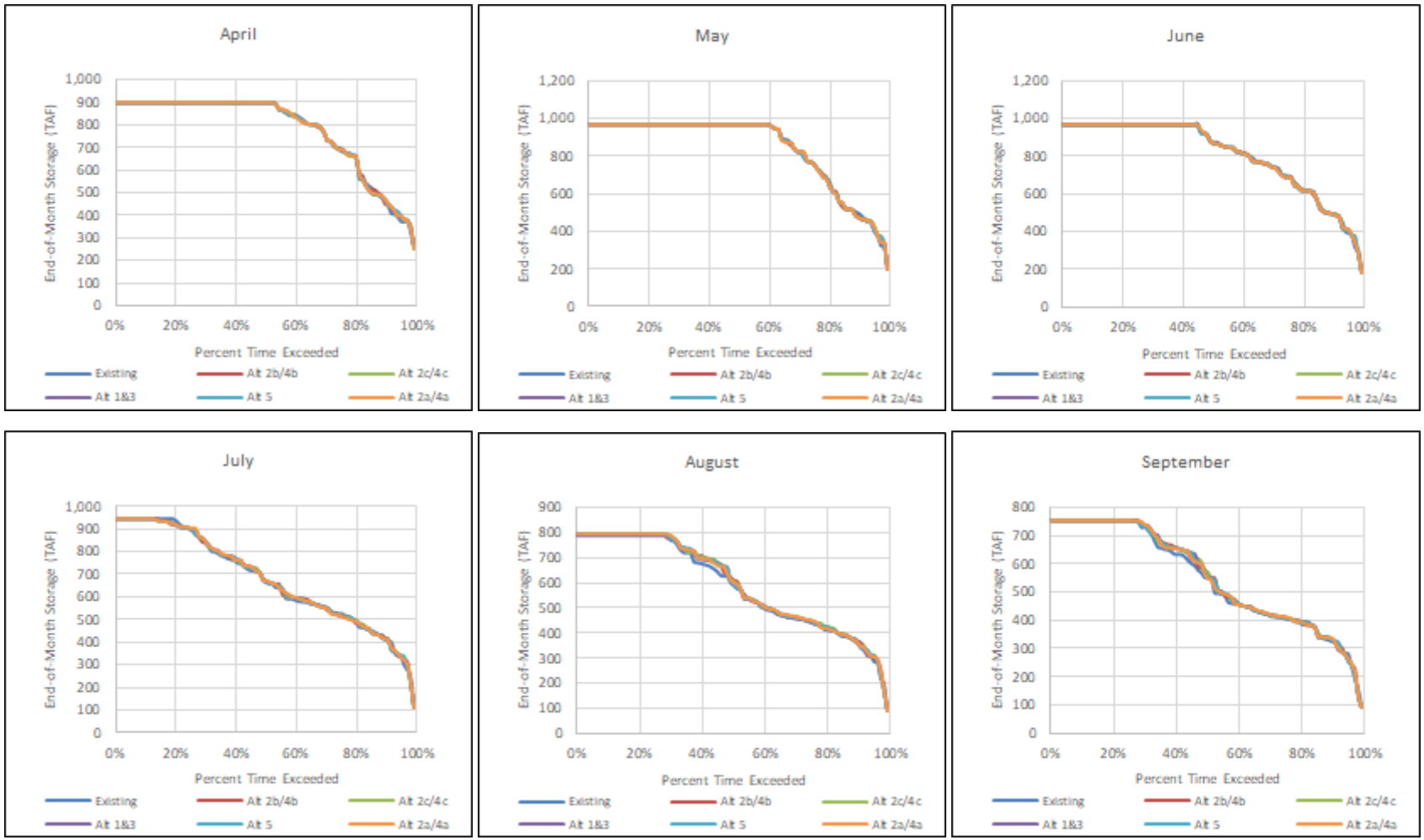


Table 5A-B3.1.4.1-A. Folsom Lake End-of-Month Storage (S_FOLSM), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	712	567	567	567	567	756	900	967	967	942	792	752
20%	712	567	567	567	567	756	900	967	967	935	792	752
30%	703	561	567	567	567	756	900	967	967	841	772	729
40%	607	555	555	567	567	756	900	967	967	757	677	633
50%	517	491	525	567	567	735	900	967	874	674	601	551
60%	425	433	496	534	567	682	845	967	817	585	501	455
70%	384	388	440	494	532	626	763	821	741	555	458	417
80%	363	349	384	405	473	518	667	673	622	492	414	391
90%	300	309	331	355	392	426	476	496	491	417	372	326

Table 5A-B3.1.4.1-B. Folsom Lake End-of-Month Storage (S_FOLSM), End-of-Month Storage (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	515	457	481	501	520	655	780	839	806	677	587	546
Wet Water Years	545	488	535	567	567	751	897	967	949	843	729	682
Above Normal Water Years	541	477	498	547	567	734	887	959	924	785	681	619
Below Normal Water Years	560	480	487	506	531	668	829	894	843	646	566	527
Dry Water Years	497	442	446	438	490	584	683	751	688	557	477	445
Critical Water Years	382	352	380	381	395	442	468	474	473	415	365	339

Table 5A-B3.1.4.1-C. Folsom Lake End-of-Month Storage (S_FOLSM), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	712	567	567	567	567	756	900	967	967	942	792	752
20%	712	567	567	567	567	756	900	967	967	915	792	752
30%	683	564	567	567	567	756	900	967	967	836	774	733
40%	625	553	554	567	567	756	900	967	967	760	706	656
50%	531	490	527	567	567	735	900	967	873	673	613	563
60%	431	437	495	535	567	677	845	966	814	598	509	461
70%	388	391	444	494	542	626	763	825	741	552	464	419
80%	367	348	373	408	474	529	660	667	623	495	423	397
90%	302	307	337	361	394	429	459	484	494	424	368	333

Table 5A-B3.1.4.1-D. Folsom Lake End-of-Month Storage (S_FOLSM), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	520	459	482	502	522	656	779	839	805	679	593	552
Wet Water Years	548	491	536	567	567	751	897	967	949	844	733	686
Above Normal Water Years	542	469	490	548	567	734	887	959	924	781	687	628
Below Normal Water Years	562	482	489	507	534	669	829	894	843	655	579	540
Dry Water Years	505	447	450	442	492	585	684	750	685	555	477	445
Critical Water Years	389	359	387	386	399	445	467	478	473	414	366	340

Table 5A-B3.1.4.1-E. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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	-20	0	0
30%	-20	3	0	0	0	0	0	0	0	-5	3	4
40%	18	-2	0	0	0	0	0	0	0	3	29	23
50%	15	-1	2	0	0	0	0	0	-1	-1	12	12
60%	6	5	0	1	0	-5	0	-1	-4	13	9	6
70%	5	4	4	0	10	0	0	4	0	-2	6	2
80%	4	-1	-11	3	2	10	-7	-6	1	3	9	6
90%	2	-3	6	6	2	3	-17	-12	3	8	-4	8

Table 5A-B3.1.4.1-F. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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

Table 5A-B3.1.4.2-A. Folsom Lake End-of-Month Storage (S_FOLSM), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	712	567	567	567	567	756	900	967	967	942	792	752
20%	712	567	567	567	567	756	900	967	967	917	792	752
30%	694	563	567	567	567	756	900	967	967	845	786	733
40%	620	554	554	567	567	756	900	967	967	760	702	654
50%	524	496	527	567	567	735	900	967	873	671	607	573
60%	431	435	497	534	567	677	846	966	814	597	503	458
70%	389	390	444	494	541	626	763	823	744	553	466	421
80%	366	353	381	408	474	530	659	667	623	501	427	393
90%	306	303	333	360	394	427	472	477	493	416	364	337

Table 5A-B3.1.4.2-B. Folsom Lake End-of-Month Storage (S_FOLSM), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	519	459	483	502	521	655	779	839	805	679	593	552
Wet Water Years	548	489	536	567	567	751	897	967	949	844	731	684
Above Normal Water Years	541	476	498	547	567	734	887	959	924	784	691	636
Below Normal Water Years	563	481	488	507	533	669	829	895	843	655	579	540
Dry Water Years	500	446	449	441	492	585	683	750	686	556	478	445
Critical Water Years	388	360	388	386	398	444	466	477	472	413	364	338

Table 5A-B3.1.4.2-C. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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	-18	0	0
30%	-9	2	0	0	0	0	0	0	0	4	14	4
40%	13	-1	0	0	0	0	0	0	0	3	25	21
50%	7	5	2	0	0	0	0	0	-1	-3	6	22
60%	6	3	2	0	0	-6	1	-1	-3	11	2	3
70%	5	3	4	0	9	0	0	2	4	-2	8	4
80%	3	4	-4	3	1	11	-8	-6	1	9	13	2
90%	6	-6	2	5	1	2	-4	-19	1	-1	-8	11

Table 5A-B3.1.4.2-D. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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

Table 5A-B3.1.4.3-A. Folsom Lake End-of-Month Storage (S_FOLSM), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	712	567	567	567	567	756	900	967	967	942	792	752
20%	712	567	567	567	567	756	900	967	967	917	792	752
30%	703	563	567	567	567	756	900	967	967	845	786	737
40%	629	549	554	567	567	756	900	967	967	770	696	654
50%	515	490	525	567	567	735	900	967	872	667	598	558
60%	435	435	495	535	567	677	840	966	814	597	505	458
70%	385	384	435	494	537	626	763	824	742	554	463	419
80%	362	350	381	407	473	528	659	664	617	499	425	394
90%	304	300	335	362	393	427	471	476	492	415	364	330

Table 5A-B3.1.4.3-B. Folsom Lake End-of-Month Storage (S_FOLSM), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	519	457	481	501	520	655	779	838	804	679	592	552
Wet Water Years	548	489	536	567	567	751	897	967	949	845	732	685
Above Normal Water Years	546	469	490	548	567	734	887	959	923	783	689	633
Below Normal Water Years	563	481	488	507	533	669	829	894	843	656	581	542
Dry Water Years	499	442	446	438	489	582	682	748	684	555	476	444
Critical Water Years	385	357	385	385	397	443	462	473	468	410	361	335

Table 5A-B3.1.4.3-C. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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	-18	0	0
30%	0	2	0	0	0	0	0	0	0	5	15	7
40%	22	-6	-1	0	0	0	0	0	0	13	19	21
50%	-1	-1	0	0	0	0	0	0	-2	-6	-3	7
60%	9	2	-1	1	0	-5	-5	-1	-3	11	5	3
70%	1	-4	-5	0	6	0	0	3	1	-1	5	1
80%	-1	1	-3	3	1	10	-8	-9	-5	7	11	3
90%	4	-9	4	7	0	1	-5	-20	1	-1	-8	4

Table 5A-B3.1.4.3-D. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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

Table 5A-B3.1.4.4-A. Folsom Lake End-of-Month Storage (S_FOLSM), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	712	567	567	567	567	756	900	967	967	942	792	752
20%	712	567	567	567	567	756	900	967	967	917	792	752
30%	703	562	567	567	567	756	900	967	967	846	787	737
40%	622	549	555	567	567	756	900	967	967	762	695	651
50%	520	497	525	567	567	735	900	967	872	671	604	554
60%	433	435	494	535	567	677	838	966	814	597	506	455
70%	394	390	443	494	542	626	763	827	738	550	467	422
80%	366	349	380	411	473	530	659	661	617	494	418	392
90%	303	303	335	362	394	433	475	475	493	416	365	336

Table 5A-B3.1.4.4-B. Folsom Lake End-of-Month Storage (S_FOLSM), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	518	458	482	502	521	655	779	838	804	679	592	551
Wet Water Years	546	490	535	567	567	751	897	967	949	845	731	684
Above Normal Water Years	543	468	490	548	567	734	887	959	923	784	687	625
Below Normal Water Years	562	481	488	507	533	669	828	894	843	655	576	538
Dry Water Years	501	446	449	441	491	584	683	749	684	555	481	449
Critical Water Years	388	359	387	385	397	443	464	475	470	411	363	337

Table 5A-B3.1.4.4-C. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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	-18	0	0
30%	0	1	0	0	0	0	0	0	0	5	15	8
40%	15	-6	0	0	0	0	0	0	0	4	18	18
50%	4	6	0	0	0	0	0	0	-2	-2	3	3
60%	8	2	-2	1	0	-5	-7	-1	-3	12	5	0
70%	11	2	3	0	10	0	0	6	-3	-4	9	5
80%	3	0	-4	6	0	11	-7	-13	-5	2	4	1
90%	3	-6	4	7	1	8	-1	-21	1	-1	-8	10

Table 5A-B3.1.4.4-D. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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

Table 5A-B3.1.4.5-A. Folsom Lake End-of-Month Storage (S_FOLSM), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	712	567	567	567	567	756	900	967	967	942	792	752
20%	712	567	567	567	567	756	900	967	967	917	792	752
30%	679	563	567	567	567	756	900	967	967	845	777	733
40%	629	550	554	567	567	756	900	967	967	770	696	654
50%	512	487	525	567	567	735	900	967	872	667	598	558
60%	435	434	497	535	567	677	838	966	814	597	505	458
70%	385	384	435	494	532	626	763	824	742	554	463	419
80%	360	350	384	407	473	528	659	664	617	499	425	393
90%	307	316	335	362	393	431	471	476	492	415	364	332

Table 5A-B3.1.4.5-B. Folsom Lake End-of-Month Storage (S_FOLSM), End-of-Month Storage (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	519	458	482	502	521	655	779	838	804	679	592	551
Wet Water Years	548	489	536	567	567	751	897	967	949	845	732	685
Above Normal Water Years	546	469	490	548	567	734	887	959	923	781	688	628
Below Normal Water Years	561	481	488	507	533	669	829	894	843	656	580	541
Dry Water Years	500	444	448	440	489	582	682	748	684	554	475	443
Critical Water Years	387	359	387	387	399	446	465	475	471	413	363	338

Table 5A-B3.1.4.5-C. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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	-18	0	0
30%	-24	2	0	0	0	0	0	0	0	5	5	4
40%	22	-5	-1	0	0	0	0	0	0	13	19	21
50%	-4	-4	0	0	0	0	0	0	-2	-6	-3	7
60%	9	2	1	1	0	-5	-8	-1	-3	11	5	3
70%	1	-4	-5	0	1	0	0	3	1	-1	5	1
80%	-3	1	0	3	0	10	-8	-9	-5	7	11	2
90%	7	6	4	7	0	6	-5	-20	1	-1	-8	6

Table 5A-B3.1.4.5-D. Folsom Lake End-of-Month Storage (S_FOLSM), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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

B.1.5 Total San Luis Storage

Figure 5A-B3.1.5.1-A. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Probability of Exceedance for Existing Conditions, October to March

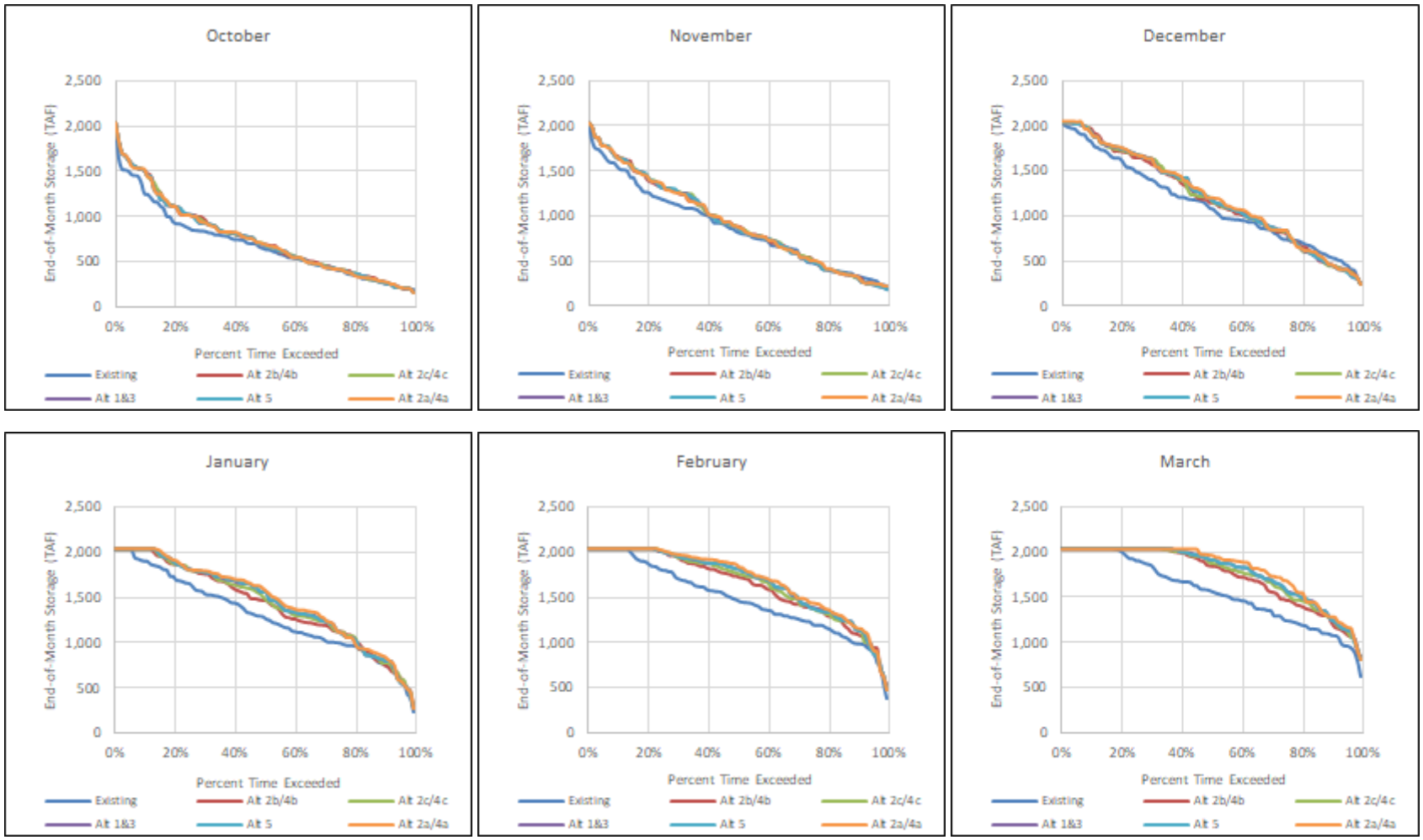


Figure 5A-B3.1.5.1-B. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Probability of Exceedance for Existing Conditions, April to September

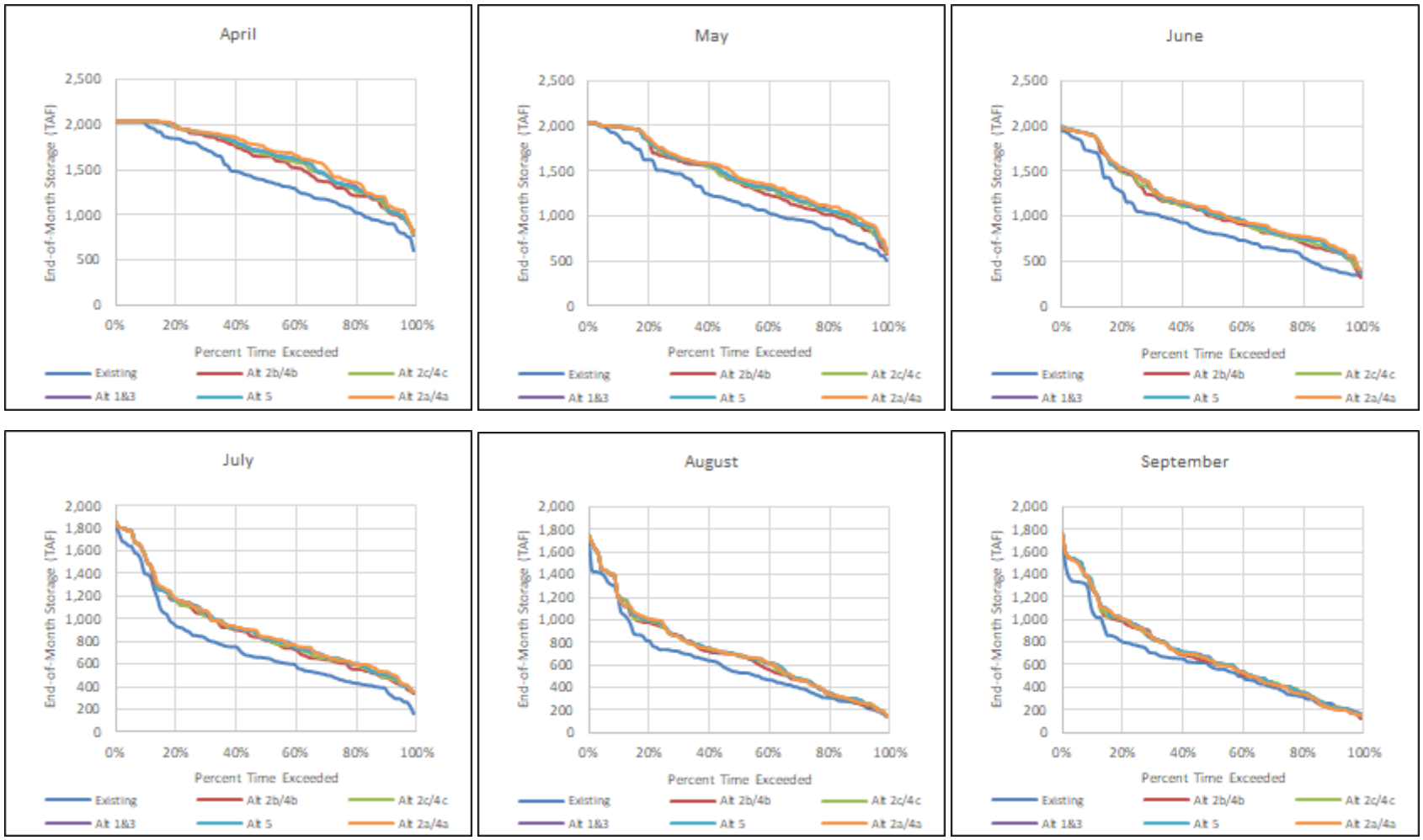


Table 5A-B3.1.5.1-A. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,245	1,536	1,812	1,910	2,039	2,039	2,010	1,893	1,717	1,402	1,176	1,089
20%	923	1,262	1,610	1,717	1,873	1,999	1,844	1,627	1,269	947	810	805
30%	832	1,129	1,400	1,548	1,707	1,846	1,728	1,474	1,031	837	718	705
40%	741	1,007	1,204	1,447	1,581	1,672	1,484	1,245	936	756	638	652
50%	637	826	1,078	1,282	1,464	1,564	1,382	1,153	819	659	532	580
60%	533	727	948	1,130	1,357	1,460	1,294	1,042	742	601	467	495
70%	455	618	837	1,039	1,263	1,343	1,176	957	657	515	401	404
80%	348	413	703	972	1,157	1,193	1,043	856	575	439	307	317
90%	274	342	533	770	984	1,081	919	699	417	396	258	255

Table 5A-B3.1.5.1-B. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), End-of-Month Storage (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	701	889	1,126	1,307	1,479	1,555	1,425	1,225	927	752	613	619
Wet Water Years	780	1,035	1,293	1,504	1,711	1,812	1,775	1,601	1,299	1,086	921	904
Above Normal Water Years	682	922	1,197	1,369	1,550	1,629	1,455	1,225	890	718	682	648
Below Normal Water Years	750	956	1,216	1,345	1,460	1,501	1,275	987	635	507	472	543
Dry Water Years	601	723	922	1,109	1,271	1,327	1,161	958	710	615	381	378
Critical Water Years	583	634	800	999	1,191	1,287	1,189	1,099	871	609	382	380

Table 5A-B3.1.5.1-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,496	1,660	1,957	2,039	2,039	2,039	2,039	2,000	1,897	1,545	1,208	1,282
20%	1,109	1,400	1,716	1,872	2,039	2,039	1,992	1,834	1,494	1,165	980	993
30%	961	1,258	1,575	1,761	1,938	2,039	1,874	1,618	1,231	1,031	866	842
40%	804	1,019	1,362	1,595	1,817	1,990	1,768	1,556	1,129	899	726	699
50%	689	889	1,146	1,471	1,727	1,844	1,645	1,378	998	811	688	625
60%	552	754	1,013	1,266	1,587	1,723	1,521	1,242	909	727	569	523
70%	448	592	868	1,196	1,420	1,560	1,363	1,116	809	635	473	441
80%	356	413	665	1,038	1,297	1,404	1,212	1,018	704	551	365	362
90%	275	336	456	764	1,091	1,236	1,078	909	607	479	271	228

Table 5A-B3.1.5.1-D. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	764	944	1,193	1,419	1,631	1,738	1,597	1,401	1,097	895	713	695
Wet Water Years	877	1,133	1,447	1,703	1,908	1,989	1,929	1,788	1,515	1,282	1,074	1,035
Above Normal Water Years	735	972	1,247	1,493	1,761	1,874	1,719	1,524	1,200	981	870	780
Below Normal Water Years	822	1,017	1,276	1,453	1,625	1,752	1,521	1,221	832	691	584	633
Dry Water Years	652	765	947	1,157	1,377	1,493	1,301	1,064	775	630	388	362
Critical Water Years	582	607	758	995	1,224	1,340	1,238	1,135	895	614	378	369

Table 5A-B3.1.5.1-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	251	124	145	129	0	0	29	107	180	143	32	193
20%	185	138	106	155	166	40	148	207	225	218	170	188
30%	128	129	174	213	231	193	146	144	200	194	148	138
40%	63	13	158	148	235	318	284	310	193	143	88	47
50%	52	63	69	188	262	280	263	225	179	152	156	45
60%	19	27	65	136	230	263	228	200	167	126	102	29
70%	-7	-26	32	156	157	217	187	159	152	120	72	36
80%	8	0	-38	66	140	210	168	162	129	112	59	44
90%	1	-6	-77	-6	106	156	159	210	190	83	12	-26

Table 5A-B3.1.5.1-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 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	63	55	67	112	151	183	171	176	169	142	100	76
Wet Water Years	96	98	154	199	197	177	154	187	216	195	154	131
Above Normal Water Years	53	50	49	125	212	246	264	299	310	264	188	133
Below Normal Water Years	72	61	59	108	165	251	245	234	197	184	112	91
Dry Water Years	51	42	25	48	106	166	141	107	66	15	7	-16
Critical Water Years	-1	-27	-41	-4	33	53	49	36	24	5	-4	-11

Table 5A-B3.1.5.2-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,489	1,649	1,911	2,039	2,039	2,039	2,039	2,000	1,894	1,549	1,214	1,285
20%	1,107	1,421	1,732	1,873	2,039	2,039	1,986	1,830	1,491	1,167	995	999
30%	931	1,276	1,634	1,781	1,937	2,039	1,902	1,637	1,300	1,026	858	838
40%	805	1,028	1,396	1,642	1,874	2,000	1,791	1,544	1,114	915	750	700
50%	689	876	1,177	1,490	1,763	1,877	1,669	1,380	1,019	824	691	637
60%	559	750	1,041	1,307	1,661	1,778	1,585	1,292	949	761	616	534
70%	458	589	869	1,240	1,481	1,662	1,449	1,170	819	652	489	445
80%	369	413	630	1,063	1,318	1,462	1,279	1,067	736	600	354	354
90%	270	316	442	777	1,146	1,260	1,096	922	635	486	298	223

Table 5A-B3.1.5.2-B. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	764	945	1,200	1,440	1,656	1,762	1,625	1,422	1,116	912	723	696
Wet Water Years	879	1,129	1,459	1,735	1,942	2,006	1,952	1,801	1,526	1,289	1,082	1,035
Above Normal Water Years	745	979	1,257	1,537	1,797	1,909	1,760	1,537	1,230	1,018	887	772
Below Normal Water Years	820	1,025	1,286	1,468	1,647	1,784	1,558	1,258	861	718	597	645
Dry Water Years	650	766	943	1,159	1,398	1,530	1,334	1,096	800	652	403	361
Critical Water Years	573	598	753	998	1,227	1,348	1,246	1,140	899	614	376	364

Table 5A-B3.1.5.2-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	244	113	99	129	0	0	29	107	177	146	38	197
20%	184	158	122	157	166	40	142	202	223	220	185	193
30%	99	147	233	233	230	193	174	164	269	189	140	133
40%	64	21	192	195	293	329	306	299	179	159	113	48
50%	52	50	99	207	298	312	286	227	200	165	159	57
60%	26	23	93	176	304	317	292	250	208	160	149	40
70%	2	-29	33	201	218	319	272	213	162	137	88	41
80%	21	-1	-73	91	161	269	236	212	160	162	48	37
90%	-4	-26	-91	7	162	179	177	223	218	91	40	-31

Table 5A-B3.1.5.2-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 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	63	56	74	133	176	208	200	197	188	160	110	76
Wet Water Years	99	95	166	232	231	194	177	200	228	203	161	131
Above Normal Water Years	64	57	60	169	248	280	305	312	340	300	205	124
Below Normal Water Years	70	69	70	123	187	283	282	271	226	211	125	103
Dry Water Years	50	43	21	50	127	203	173	139	90	38	22	-17
Critical Water Years	-10	-36	-46	-2	36	61	58	41	27	5	-6	-16

Table 5A-B3.1.5.3-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,489	1,640	1,921	2,039	2,039	2,039	2,039	1,998	1,894	1,549	1,205	1,301
20%	1,105	1,417	1,750	1,883	2,038	2,039	1,973	1,846	1,511	1,167	1,004	1,005
30%	920	1,266	1,633	1,776	1,962	2,039	1,908	1,643	1,295	1,070	862	842
40%	813	1,031	1,424	1,683	1,880	2,002	1,821	1,579	1,140	918	752	717
50%	679	872	1,180	1,566	1,812	1,915	1,709	1,405	1,031	825	695	637
60%	552	752	1,050	1,342	1,691	1,830	1,626	1,310	956	743	624	537
70%	441	592	873	1,242	1,498	1,695	1,463	1,179	822	674	486	443
80%	363	415	636	1,045	1,342	1,503	1,328	1,070	760	602	350	346
90%	260	327	449	815	1,146	1,258	1,180	927	649	513	303	215

Table 5A-B3.1.5.3-B. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	760	942	1,203	1,455	1,672	1,782	1,641	1,438	1,129	922	727	699
Wet Water Years	860	1,113	1,459	1,758	1,955	2,008	1,952	1,807	1,533	1,293	1,082	1,038
Above Normal Water Years	761	1,001	1,290	1,596	1,837	1,938	1,788	1,562	1,257	1,035	897	786
Below Normal Water Years	815	1,021	1,279	1,461	1,655	1,807	1,578	1,277	877	733	608	654
Dry Water Years	656	771	939	1,159	1,413	1,565	1,366	1,120	819	664	402	352
Critical Water Years	576	596	764	1,012	1,246	1,369	1,264	1,157	906	620	379	366

Table 5A-B3.1.5.3-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	244	104	109	129	0	0	29	105	177	147	29	212
20%	181	154	140	167	165	40	128	219	242	220	193	199
30%	88	137	233	228	254	193	180	170	264	232	144	138
40%	72	24	220	237	299	331	337	334	205	162	114	65
50%	42	46	102	283	348	351	327	253	212	166	162	58
60%	19	25	102	212	334	369	332	268	214	142	158	43
70%	-14	-26	37	203	236	352	287	222	165	159	85	39
80%	15	2	-67	73	184	310	284	215	184	163	43	29
90%	-14	-15	-84	45	161	178	262	228	232	117	45	-40

Table 5A-B3.1.5.3-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 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	59	53	77	148	192	227	216	213	202	169	114	80
Wet Water Years	80	78	166	255	244	197	177	206	234	207	161	134
Above Normal Water Years	80	79	93	227	287	309	333	337	367	317	215	139
Below Normal Water Years	65	65	63	117	195	307	303	290	243	227	136	111
Dry Water Years	55	48	17	50	142	238	205	163	109	49	21	-27
Critical Water Years	-7	-37	-35	12	55	82	75	57	35	10	-3	-14

Table 5A-B3.1.5.4-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,495	1,638	1,900	2,039	2,039	2,039	2,039	1,997	1,892	1,548	1,202	1,303
20%	1,102	1,420	1,749	1,909	2,039	2,039	1,974	1,871	1,524	1,180	1,014	1,016
30%	927	1,256	1,625	1,795	1,972	2,039	1,914	1,665	1,297	1,071	858	850
40%	820	1,033	1,423	1,701	1,922	2,039	1,864	1,588	1,161	931	750	704
50%	687	879	1,195	1,585	1,850	1,970	1,748	1,434	1,058	838	692	644
60%	541	738	1,061	1,375	1,707	1,898	1,664	1,351	941	767	626	541
70%	431	589	841	1,272	1,499	1,741	1,551	1,219	856	667	476	436
80%	348	415	633	1,019	1,371	1,552	1,360	1,115	781	597	353	345
90%	274	326	452	854	1,166	1,288	1,194	986	684	528	279	220

Table 5A-B3.1.5.4-B. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	759	940	1,209	1,473	1,693	1,810	1,668	1,463	1,148	926	727	699
Wet Water Years	855	1,106	1,466	1,777	1,971	2,022	1,967	1,821	1,542	1,298	1,086	1,039
Above Normal Water Years	759	995	1,287	1,620	1,870	1,990	1,832	1,607	1,288	1,033	896	786
Below Normal Water Years	818	1,015	1,281	1,478	1,682	1,843	1,613	1,308	898	732	601	646
Dry Water Years	668	786	960	1,184	1,444	1,617	1,413	1,166	858	685	404	361
Critical Water Years	566	592	761	1,014	1,249	1,373	1,267	1,160	906	617	378	364

Table 5A-B3.1.5.4-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	250	102	88	129	0	0	29	104	175	146	26	214
20%	178	158	139	192	166	40	129	244	255	233	204	211
30%	95	127	225	246	265	193	186	192	266	233	140	146
40%	79	26	219	255	340	367	379	343	225	175	112	52
50%	51	53	117	303	385	406	366	282	239	179	160	64
60%	8	11	113	244	350	438	370	309	200	166	159	47
70%	-24	-29	4	233	236	397	374	262	199	152	75	31
80%	0	2	-70	47	214	359	316	259	206	158	46	28
90%	0	-16	-81	84	182	207	275	287	267	133	20	-35

Table 5A-B3.1.5.4-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 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	58	51	83	166	214	255	243	238	221	174	114	80
Wet Water Years	74	72	173	274	259	210	192	220	244	212	165	135
Above Normal Water Years	77	74	90	251	321	361	377	382	398	315	214	139
Below Normal Water Years	68	59	65	134	222	342	338	320	263	226	129	103
Dry Water Years	67	63	39	75	173	290	252	208	148	70	23	-17
Critical Water Years	-17	-42	-39	15	58	86	78	60	35	8	-4	-15

Table 5A-B3.1.5.5-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,489	1,640	1,921	2,039	2,039	2,039	2,039	1,998	1,894	1,549	1,205	1,333
20%	1,105	1,434	1,750	1,883	2,039	2,039	1,972	1,847	1,532	1,167	1,004	1,005
30%	920	1,263	1,634	1,782	1,957	2,039	1,908	1,643	1,295	1,069	862	834
40%	813	1,031	1,424	1,693	1,880	2,002	1,821	1,579	1,140	918	752	717
50%	679	872	1,179	1,559	1,812	1,915	1,708	1,406	1,034	825	694	637
60%	552	752	1,032	1,342	1,691	1,829	1,626	1,323	956	749	624	538
70%	442	592	873	1,242	1,510	1,695	1,463	1,179	822	674	485	443
80%	363	415	638	1,045	1,341	1,503	1,306	1,070	747	602	354	346
90%	260	327	449	815	1,146	1,258	1,180	927	647	512	303	220

Table 5A-B3.1.5.5-B. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), End-of-Month Storage (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	760	943	1,204	1,455	1,671	1,780	1,640	1,437	1,129	922	727	700
Wet Water Years	861	1,116	1,463	1,760	1,955	2,008	1,952	1,806	1,533	1,293	1,081	1,039
Above Normal Water Years	762	1,005	1,291	1,596	1,838	1,938	1,788	1,562	1,265	1,035	897	791
Below Normal Water Years	816	1,021	1,277	1,460	1,653	1,805	1,576	1,275	875	735	610	653
Dry Water Years	656	772	939	1,162	1,416	1,567	1,368	1,121	819	664	402	351
Critical Water Years	573	592	760	1,008	1,238	1,362	1,258	1,151	902	617	379	366

Table 5A-B3.1.5.5-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	244	104	109	129	0	0	29	105	177	147	29	244
20%	181	171	140	167	166	40	128	220	264	220	193	199
30%	88	134	233	233	249	193	180	170	264	232	144	130
40%	72	25	220	246	298	331	337	334	205	162	114	65
50%	42	47	102	277	348	351	325	253	215	166	162	58
60%	19	25	84	212	335	369	332	281	214	149	158	43
70%	-14	-26	37	203	248	352	287	222	165	159	85	39
80%	15	2	-65	73	184	310	263	215	171	163	47	29
90%	-14	-15	-84	45	161	177	261	228	230	117	44	-35

Table 5A-B3.1.5.5-D. San Luis Reservoir (SWP and CVP) End-of-Month Storage (S_SLUIS), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	59	54	77	148	192	226	215	211	202	169	114	81
Wet Water Years	80	82	170	256	244	196	177	205	234	206	160	135
Above Normal Water Years	80	83	93	227	288	309	333	338	375	317	215	143
Below Normal Water Years	66	65	61	115	193	305	301	288	240	229	138	110
Dry Water Years	55	49	17	53	145	241	207	164	110	49	21	-27
Critical Water Years	-10	-42	-40	8	47	74	69	52	31	8	-3	-14

B.1.6 CVP San Luis Storage

Figure 5A-B3.1.6.1-A. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Probability of Exceedance for Existing Conditions, October to March

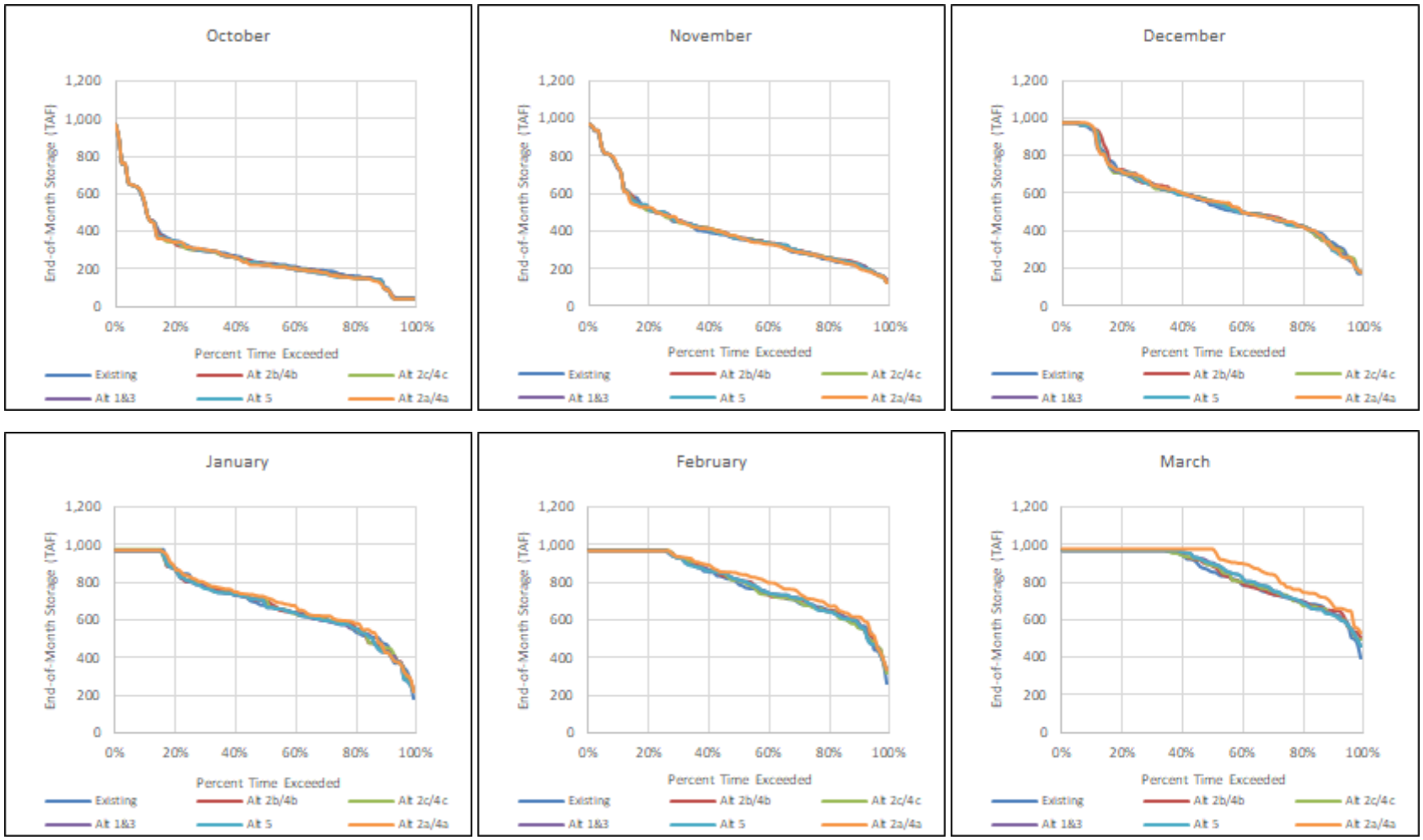


Figure 5A-B3.1.6.1-B. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Probability of Exceedance for Existing Conditions, April to September

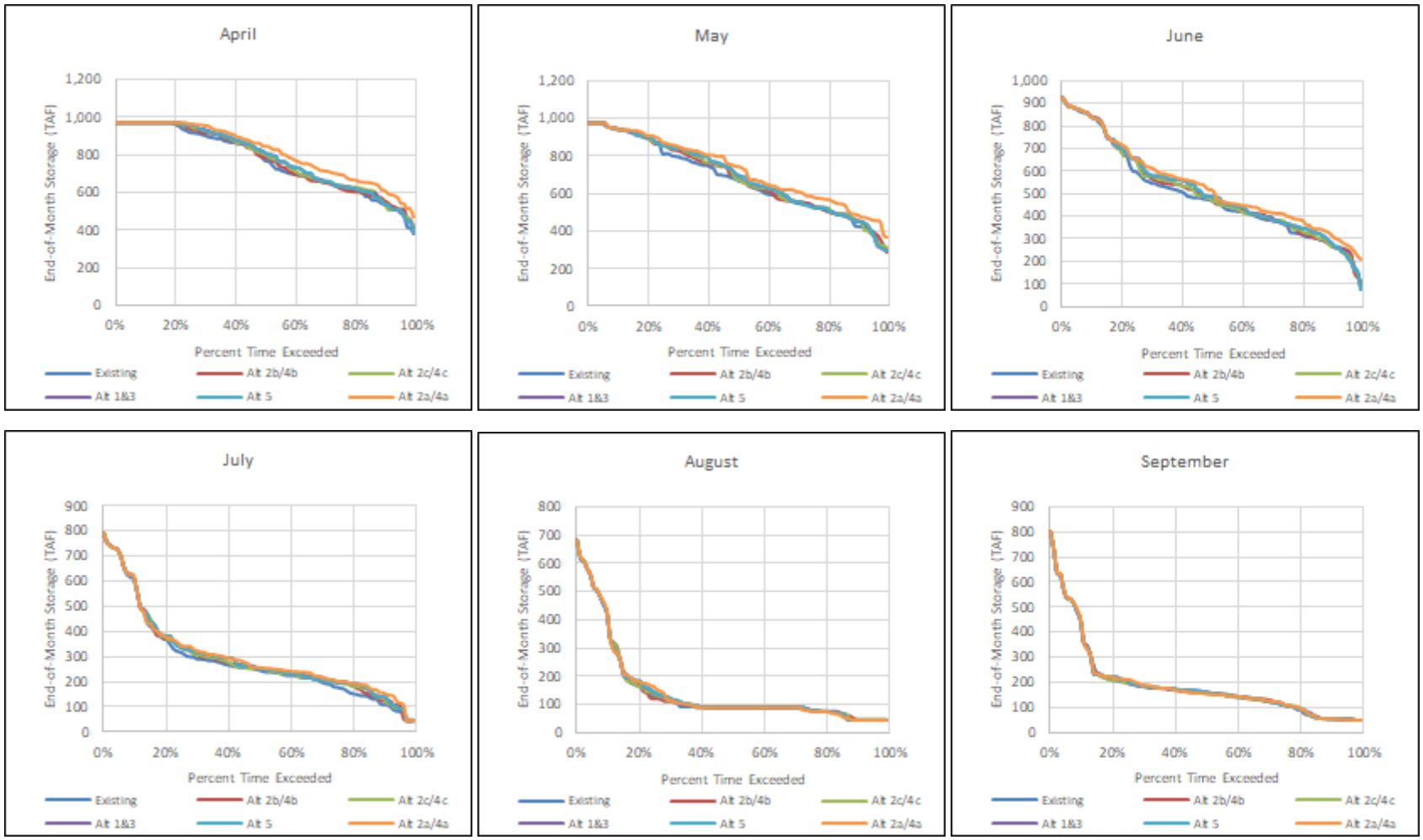


Table 5A-B3.1.6.1-A. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	536	733	933	972	972	972	972	935	839	596	401	424
20%	348	524	704	866	972	972	963	889	684	369	164	208
30%	303	454	655	782	936	972	904	792	544	292	117	186
40%	269	400	591	732	859	947	866	745	506	268	90	170
50%	230	363	538	680	798	857	774	668	467	248	90	158
60%	212	337	498	642	742	791	699	594	418	226	90	140
70%	190	290	468	614	699	742	658	547	380	200	90	123
80%	161	254	429	547	657	700	616	504	318	155	75	98
90%	110	224	344	476	586	634	543	425	276	111	45	53

Table 5A-B3.1.6.1-B. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), End-of-Month Storage (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	279	413	574	694	790	832	769	677	496	286	149	193
Wet Water Years	306	463	641	794	901	939	914	826	650	408	239	262
Above Normal Water Years	259	414	600	723	844	883	823	711	510	264	134	131
Below Normal Water Years	300	440	593	693	780	818	721	603	396	199	85	160
Dry Water Years	220	345	486	599	676	716	627	526	360	204	87	148
Critical Water Years	272	342	476	568	652	714	654	615	465	276	143	199

Table 5A-B3.1.6.1-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	537	734	948	972	972	972	972	940	840	600	401	425
20%	338	520	722	877	972	972	968	894	683	371	168	212
30%	303	455	647	791	936	972	918	825	564	309	113	183
40%	267	416	593	742	868	954	872	757	535	276	92	170
50%	232	365	554	701	815	890	787	686	473	249	90	157
60%	208	336	500	640	738	797	700	608	430	231	90	143
70%	184	297	475	605	711	738	655	555	382	216	90	131
80%	160	255	421	570	651	698	606	509	320	183	75	92
90%	109	228	316	449	597	648	563	455	268	123	48	54

Table 5A-B3.1.6.1-D. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	278	415	577	694	794	837	776	687	506	296	150	192
Wet Water Years	306	464	655	797	903	943	922	840	667	424	242	263
Above Normal Water Years	252	408	590	711	834	873	818	717	514	276	135	125
Below Normal Water Years	299	444	600	697	788	827	727	614	410	208	88	163
Dry Water Years	219	347	479	602	689	730	641	537	366	207	86	146
Critical Water Years	275	349	473	561	653	719	661	617	465	275	139	198

Table 5A-B3.1.6.1-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	1	14	0	0	0	0	5	0	4	1	1
20%	-10	-5	18	11	0	0	5	5	-1	1	4	4
30%	0	1	-7	10	0	0	14	32	20	17	-3	-3
40%	-2	16	1	11	9	7	6	12	29	9	2	0
50%	3	2	16	21	17	33	12	18	6	2	0	-1
60%	-4	-2	2	-2	-4	5	1	14	13	6	0	2
70%	-7	6	7	-9	12	-5	-2	9	2	16	0	7
80%	-1	1	-9	23	-6	-2	-10	5	2	29	0	-6
90%	-1	4	-28	-27	11	15	19	31	-9	12	3	1

Table 5A-B3.1.6.1-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 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	2	3	0	4	5	7	10	10	9	1	0
Wet Water Years	0	2	14	3	2	4	8	14	17	16	3	1
Above Normal Water Years	-7	-6	-10	-12	-9	-9	-5	5	4	12	1	-6
Below Normal Water Years	-1	3	7	4	8	9	7	11	14	9	3	3
Dry Water Years	-2	2	-7	4	13	14	13	12	6	2	-2	-2
Critical Water Years	3	7	-3	-7	1	6	7	2	0	-1	-4	-1

Table 5A-B3.1.6.2-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	537	735	948	972	972	972	972	940	838	601	401	425
20%	345	511	705	869	972	972	971	894	683	376	164	209
30%	301	448	637	791	936	972	931	838	577	309	114	183
40%	264	416	601	739	868	947	871	765	536	279	90	172
50%	228	368	555	708	811	893	803	673	472	250	90	154
60%	208	338	497	634	738	807	718	626	421	231	90	140
70%	185	298	467	601	706	758	655	556	393	207	90	123
80%	157	257	420	551	649	689	624	523	339	185	75	91
90%	106	224	320	450	568	635	541	453	271	137	45	53

Table 5A-B3.1.6.2-B. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	276	413	572	692	790	839	780	691	508	297	150	191
Wet Water Years	302	460	642	793	901	941	923	840	667	421	241	263
Above Normal Water Years	248	403	584	704	831	870	823	721	514	284	133	119
Below Normal Water Years	302	450	603	700	783	836	736	624	416	214	88	161
Dry Water Years	216	346	477	595	684	733	643	542	369	209	88	147
Critical Water Years	271	342	470	560	650	720	663	618	465	276	140	198

Table 5A-B3.1.6.2-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	1	15	0	0	0	0	5	-1	4	1	1
20%	-3	-14	1	3	0	0	8	5	-1	7	0	0
30%	-2	-6	-17	9	0	0	27	45	32	17	-3	-4
40%	-5	16	9	7	9	0	5	20	30	11	0	2
50%	-2	5	17	28	13	36	29	6	5	3	0	-4
60%	-4	1	-1	-8	-4	15	19	32	3	5	0	0
70%	-6	7	-1	-13	7	16	-2	9	13	7	0	0
80%	-4	3	-10	4	-8	-11	8	19	21	30	0	-7
90%	-3	0	-24	-26	-18	2	-2	29	-5	26	0	0

Table 5A-B3.1.6.2-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 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-3	0	-2	-3	0	7	11	14	12	11	1	-1
Wet Water Years	-4	-3	2	0	0	2	10	14	17	13	2	1
Above Normal Water Years	-11	-11	-16	-19	-12	-12	0	10	4	20	-1	-12
Below Normal Water Years	1	9	10	7	3	18	16	21	20	15	3	1
Dry Water Years	-4	1	-9	-4	9	17	16	16	9	4	0	-1
Critical Water Years	-1	0	-6	-8	-2	7	9	2	0	0	-3	-1

Table 5A-B3.1.6.3-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	532	729	943	972	972	972	972	942	838	601	396	420
20%	350	523	710	877	972	972	972	899	701	385	184	220
30%	299	452	645	780	930	972	935	838	579	322	124	183
40%	265	408	595	741	868	964	882	791	559	297	94	172
50%	224	364	556	692	816	907	813	699	485	252	90	161
60%	202	336	495	644	745	833	735	630	441	232	90	144
70%	178	297	467	601	717	767	661	556	393	210	90	123
80%	158	255	422	558	646	701	622	516	347	194	75	91
90%	110	223	313	435	589	637	541	452	282	141	45	53

Table 5A-B3.1.6.3-B. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	276	414	572	692	792	845	785	696	515	302	152	194
Wet Water Years	296	453	635	787	897	941	924	845	672	424	243	265
Above Normal Water Years	258	417	603	724	846	897	847	743	541	301	142	129
Below Normal Water Years	300	449	600	697	783	844	742	629	422	218	88	162
Dry Water Years	219	349	472	590	682	730	641	538	368	208	88	148
Critical Water Years	274	346	481	571	662	724	665	620	467	277	142	199

Table 5A-B3.1.6.3-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-4	-4	9	0	0	0	0	8	-1	5	-4	-4
20%	2	-2	6	11	0	0	9	10	17	15	20	12
30%	-4	-2	-10	-1	-6	0	30	46	35	30	8	-3
40%	-5	8	3	9	9	17	16	46	52	29	4	2
50%	-5	1	18	12	18	49	39	31	18	4	0	3
60%	-10	-2	-3	3	3	41	36	36	23	7	0	4
70%	-12	6	-1	-12	18	25	4	9	13	9	0	-1
80%	-4	1	-8	11	-11	1	6	12	29	39	0	-7
90%	1	-1	-31	-41	3	4	-3	28	6	30	0	0

Table 5A-B3.1.6.3-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 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-3	1	-2	-2	2	13	15	19	19	15	3	1
Wet Water Years	-10	-9	-6	-7	-4	3	10	19	22	16	4	2
Above Normal Water Years	-1	4	3	1	3	14	24	32	31	37	8	-2
Below Normal Water Years	0	8	7	5	3	26	21	26	26	20	4	2
Dry Water Years	-2	4	-15	-9	6	14	13	12	8	4	0	0
Critical Water Years	2	3	5	3	10	10	11	5	3	1	-1	0

Table 5A-B3.1.6.4-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	539	736	952	972	972	972	972	942	837	606	402	426
20%	347	530	713	879	972	972	972	906	714	380	181	218
30%	306	455	643	800	939	972	957	849	612	324	118	189
40%	265	415	600	753	895	972	904	803	563	296	91	168
50%	223	372	557	726	850	972	847	741	513	257	90	155
60%	206	334	501	680	802	896	773	647	446	243	90	143
70%	183	291	467	625	754	838	715	608	413	220	90	126
80%	155	256	422	589	681	751	666	567	380	193	75	99
90%	105	214	320	447	616	689	611	487	316	156	45	53

Table 5A-B3.1.6.4-B. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	275	413	575	710	815	877	816	724	534	307	152	194
Wet Water Years	292	449	639	805	914	955	938	860	682	429	247	269
Above Normal Water Years	257	415	607	754	878	946	889	785	570	296	139	129
Below Normal Water Years	301	447	603	713	808	885	784	665	446	225	86	156
Dry Water Years	228	360	484	616	723	798	703	594	408	228	88	150
Critical Water Years	270	342	474	574	669	731	669	624	470	278	140	198

Table 5A-B3.1.6.4-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	3	18	0	0	0	0	7	-2	10	1	2
20%	-1	5	9	13	0	0	9	18	30	11	17	10
30%	3	1	-12	18	4	0	53	56	68	32	2	3
40%	-4	15	9	21	36	25	39	58	56	29	1	-2
50%	-6	9	19	46	52	115	73	74	46	9	0	-3
60%	-6	-3	4	38	60	104	73	53	28	18	0	3
70%	-7	1	-1	11	55	96	57	61	33	20	0	3
80%	-6	1	-7	42	24	52	50	62	62	39	0	0
90%	-4	-10	-24	-29	30	55	68	62	40	45	0	-1

Table 5A-B3.1.6.4-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 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-4	0	2	16	26	45	46	48	39	21	3	1
Wet Water Years	-14	-13	-2	11	13	16	25	34	32	21	8	6
Above Normal Water Years	-2	1	7	31	35	63	66	73	60	33	5	-2
Below Normal Water Years	0	7	10	21	28	67	63	62	50	26	1	-4
Dry Water Years	7	15	-2	17	47	82	76	68	48	23	0	2
Critical Water Years	-2	0	-2	7	16	17	15	9	5	2	-2	-1

Table 5A-B3.1.6.5-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	537	735	948	972	972	972	972	942	838	601	402	425
20%	351	524	713	877	972	972	972	899	701	385	184	220
30%	300	452	645	772	930	972	928	838	579	322	124	183
40%	265	408	589	740	861	964	881	791	558	297	94	173
50%	225	362	556	693	816	903	813	695	484	253	90	161
60%	202	336	495	644	746	833	733	631	441	232	90	144
70%	178	297	466	602	717	767	662	556	382	210	90	123
80%	156	255	422	562	645	700	622	516	347	194	75	91
90%	110	224	313	435	589	633	541	452	282	141	45	53

Table 5A-B3.1.6.5-B. San Luis Reservoir - Central Valley Project End-of-Month Storage (S_SLUIS_CVP), End-of-Month Storage (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	276	414	572	692	792	844	784	695	514	301	152	193
Wet Water Years	296	453	636	787	897	941	923	845	672	424	243	265
Above Normal Water Years	258	418	604	724	846	897	848	743	541	301	142	127
Below Normal Water Years	299	447	598	695	781	842	740	627	420	218	89	162
Dry Water Years	219	349	472	589	681	729	640	537	368	208	88	148
Critical Water Years	274	345	481	575	661	724	665	620	468	277	141	199

Table 5A-B3.1.6.5-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	2	15	0	0	0	0	8	-1	5	1	2
20%	3	-1	9	11	0	0	9	10	17	15	20	12
30%	-3	-2	-10	-10	-6	0	24	45	35	30	8	-3
40%	-4	8	-2	9	2	17	16	46	52	29	4	3
50%	-5	-1	18	12	18	46	39	27	17	5	0	3
60%	-10	-2	-3	3	4	41	34	37	23	7	0	4
70%	-12	6	-2	-11	18	25	5	10	2	9	0	-1
80%	-5	1	-8	14	-12	0	6	12	29	39	0	-7
90%	1	0	-31	-41	3	0	-2	28	6	30	0	0

Table 5A-B3.1.6.5-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 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-3	0	-2	-2	2	12	15	18	19	15	3	1
Wet Water Years	-10	-9	-5	-7	-4	2	10	19	22	16	4	2
Above Normal Water Years	-1	5	4	1	3	15	25	32	31	37	8	-4
Below Normal Water Years	-1	6	5	3	1	24	19	24	25	19	4	2
Dry Water Years	-2	4	-15	-10	5	13	13	11	8	4	0	0
Critical Water Years	2	3	5	7	9	11	11	5	3	1	-1	0

B.1.7 SWP San Luis Storage

Figure 5A-B3.1.7.1-A. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Probability of Exceedance for Existing Conditions, October to March

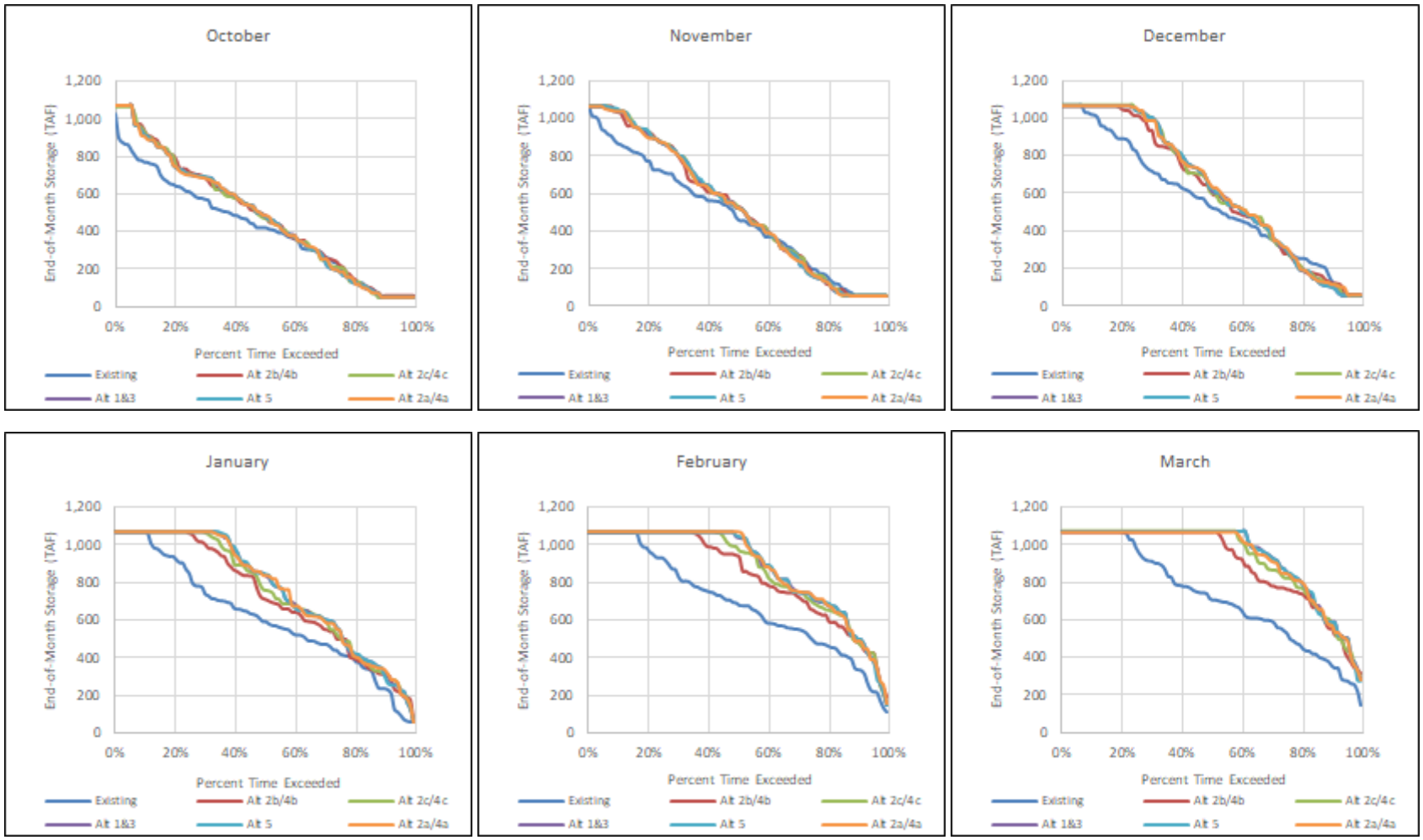


Figure 5A-B3.1.7.1-B. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Probability of Exceedance for Existing Conditions, April to September

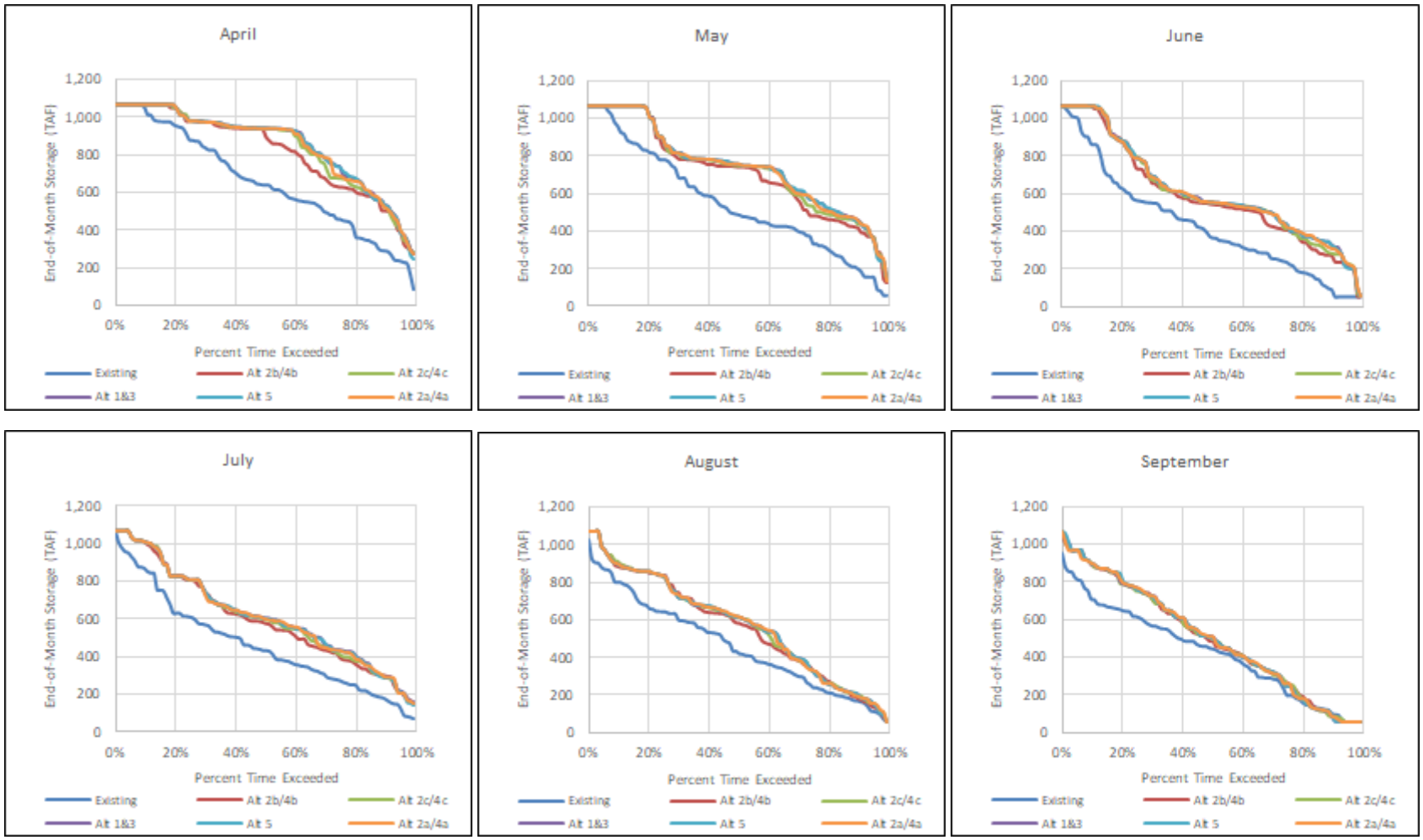


Table 5A-B3.1.7.1-A. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	769	863	1,017	1,065	1,067	1,067	1,038	952	863	867	798	707
20%	645	772	887	926	974	1,065	954	825	629	634	665	648
30%	572	663	716	740	836	911	837	692	552	572	602	565
40%	487	562	627	660	754	781	707	588	464	506	533	493
50%	423	464	521	589	686	710	639	488	370	434	427	444
60%	363	370	450	522	585	652	564	443	320	362	367	371
70%	269	278	353	469	552	596	498	401	260	309	304	286
80%	138	157	249	390	464	461	398	306	185	252	216	165
90%	55	55	138	233	337	365	291	201	93	181	172	104

Table 5A-B3.1.7.1-B. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), End-of-Month Storage (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	422	476	553	613	690	723	656	548	432	466	464	426
Wet Water Years	475	572	652	710	810	873	862	775	649	678	682	642
Above Normal Water Years	423	508	597	646	706	746	632	513	380	454	548	517
Below Normal Water Years	450	516	623	652	680	683	555	384	239	308	387	383
Dry Water Years	380	378	436	510	596	611	534	432	350	410	293	230
Critical Water Years	311	291	324	432	539	573	535	484	407	334	239	181

Table 5A-B3.1.7.1-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	926	1,033	1,067	1,067	1,067	1,067	1,067	1,067	1,063	1,004	879	888
20%	786	931	1,050	1,067	1,067	1,067	1,047	1,029	885	828	850	808
30%	684	802	936	1,002	1,067	1,067	973	788	661	738	743	711
40%	578	610	747	862	988	1,067	941	756	581	627	638	590
50%	483	531	605	710	937	1,067	913	744	545	577	581	484
60%	359	403	486	640	784	923	818	664	520	512	471	412
70%	269	272	373	550	725	782	679	571	428	432	383	316
80%	145	120	203	395	611	739	612	465	351	365	275	193
90%	55	55	121	311	484	555	505	420	272	298	184	90

Table 5A-B3.1.7.1-D. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	486	529	617	725	837	901	821	714	591	599	563	502
Wet Water Years	571	668	792	906	1,005	1,046	1,007	948	847	857	833	772
Above Normal Water Years	483	564	656	782	927	1,001	901	807	686	705	735	656
Below Normal Water Years	523	573	676	756	837	925	793	607	422	482	496	470
Dry Water Years	433	419	468	555	688	763	661	527	409	423	302	216
Critical Water Years	307	258	285	434	571	621	577	518	431	339	239	171

Table 5A-B3.1.7.1-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	157	170	50	2	0	0	29	115	200	138	81	181
20%	141	160	163	141	93	2	93	204	256	194	185	160
30%	111	139	220	262	231	156	136	96	109	167	141	146
40%	91	48	120	202	234	286	234	168	117	120	104	96
50%	61	67	84	121	252	357	274	257	175	142	154	39
60%	-4	34	36	119	199	271	255	221	200	150	104	41
70%	-1	-5	20	81	173	187	181	170	168	124	79	30
80%	7	-37	-46	5	147	278	214	160	167	113	59	28
90%	0	0	-17	78	146	190	214	220	178	117	12	-14

Table 5A-B3.1.7.1-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 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	64	53	64	112	148	178	165	166	159	133	99	76
Wet Water Years	96	96	140	196	195	173	145	173	198	179	151	130
Above Normal Water Years	61	56	59	137	221	255	269	294	306	251	187	139
Below Normal Water Years	73	57	53	104	157	242	238	223	183	175	109	87
Dry Water Years	53	41	32	45	92	153	127	95	59	13	9	-14
Critical Water Years	-4	-34	-38	3	32	47	42	34	24	6	0	-10

Table 5A-B3.1.7.2-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	928	1,038	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,009	904	894
20%	770	930	1,067	1,067	1,067	1,067	1,049	1,031	876	828	856	790
30%	693	805	1,000	1,063	1,067	1,067	974	816	677	745	719	711
40%	582	639	791	894	1,067	1,067	948	780	608	641	663	597
50%	475	529	602	758	977	1,067	940	748	554	599	612	502
60%	380	398	515	682	832	1,013	905	733	535	549	526	411
70%	253	270	358	595	750	863	752	589	498	459	388	322
80%	140	130	209	410	655	766	634	488	363	383	264	185
90%	55	55	116	315	487	586	530	441	285	297	201	87

Table 5A-B3.1.7.2-B. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	488	531	628	748	865	923	845	731	608	615	572	504
Wet Water Years	577	669	816	942	1,041	1,064	1,029	960	860	868	841	772
Above Normal Water Years	497	576	674	833	966	1,038	938	816	716	734	754	653
Below Normal Water Years	518	575	683	769	864	948	821	634	445	504	509	484
Dry Water Years	434	420	466	565	714	797	691	555	431	444	315	214
Critical Water Years	302	256	284	438	577	628	583	523	434	338	236	166

Table 5A-B3.1.7.2-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	159	175	50	2	0	0	29	115	204	143	106	187
20%	124	158	180	141	93	2	95	206	247	194	191	142
30%	121	141	284	323	231	156	137	124	125	173	117	146
40%	95	77	164	233	313	286	241	191	143	135	130	104
50%	52	65	81	169	291	357	301	261	185	165	185	58
60%	17	28	65	160	247	361	342	290	215	187	159	41
70%	-16	-8	5	126	198	267	254	188	238	150	84	36
80%	2	-27	-40	20	191	305	236	183	178	131	48	20
90%	0	0	-22	82	150	220	239	240	191	116	29	-18

Table 5A-B3.1.7.2-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 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	66	56	75	135	176	200	189	183	176	149	109	78
Wet Water Years	102	97	164	232	231	192	167	185	211	190	159	130
Above Normal Water Years	75	68	77	188	260	292	306	302	336	280	206	136
Below Normal Water Years	68	60	60	116	184	266	267	250	206	196	122	101
Dry Water Years	54	42	30	54	119	186	157	123	81	33	22	-16
Critical Water Years	-9	-36	-40	6	38	55	48	39	27	5	-4	-15

Table 5A-B3.1.7.3-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	909	1,037	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,008	891	895
20%	744	909	1,067	1,067	1,067	1,067	1,056	1,028	877	828	856	794
30%	687	805	1,007	1,067	1,067	1,067	975	817	697	745	719	725
40%	593	644	800	964	1,067	1,067	949	783	608	647	670	606
50%	484	523	618	840	1,040	1,067	941	757	555	604	613	509
60%	381	391	506	684	892	1,067	929	743	539	554	537	402
70%	253	255	393	601	749	931	785	615	501	468	396	325
80%	132	129	192	415	682	798	673	520	390	413	260	175
90%	55	55	104	324	504	585	539	462	333	292	204	92

Table 5A-B3.1.7.3-B. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	484	528	631	763	880	937	857	742	615	620	575	506
Wet Water Years	565	660	825	971	1,058	1,067	1,028	961	861	869	839	774
Above Normal Water Years	504	583	687	872	991	1,041	940	819	716	734	755	657
Below Normal Water Years	515	572	679	764	872	963	836	648	456	515	519	492
Dry Water Years	437	422	467	569	731	835	725	582	451	455	314	204
Critical Water Years	302	251	283	441	584	645	599	537	439	343	238	167

Table 5A-B3.1.7.3-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	139	174	50	2	0	0	29	115	204	142	93	188
20%	99	138	180	141	93	2	101	203	248	194	191	146
30%	115	141	291	327	231	156	138	126	145	173	117	160
40%	106	82	173	304	313	286	242	194	144	141	137	113
50%	61	59	97	250	355	357	302	270	186	170	186	64
60%	18	22	56	162	307	415	365	300	219	192	170	31
70%	-16	-22	40	133	198	335	287	215	241	159	92	39
80%	-6	-28	-57	25	218	337	275	214	205	162	44	10
90%	0	0	-34	91	166	220	248	261	239	111	32	-12

Table 5A-B3.1.7.3-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 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	62	52	79	150	190	214	201	194	183	154	111	79
Wet Water Years	90	88	172	262	248	194	167	186	212	191	157	132
Above Normal Water Years	81	75	90	226	285	295	308	306	336	280	207	141
Below Normal Water Years	65	57	56	112	192	280	281	264	217	207	132	109
Dry Water Years	57	44	31	59	136	224	191	151	101	45	21	-26
Critical Water Years	-10	-40	-41	10	45	71	64	53	32	9	-1	-14

Table 5A-B3.1.7.4-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	900	1,039	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,008	892	897
20%	747	899	1,067	1,067	1,067	1,067	1,056	1,025	877	828	856	803
30%	683	802	988	1,067	1,067	1,067	974	816	691	731	732	725
40%	595	634	774	945	1,067	1,067	948	783	611	648	665	608
50%	487	525	640	835	1,067	1,067	940	757	555	602	615	507
60%	380	393	519	673	882	1,029	916	742	531	559	544	407
70%	256	245	407	592	751	913	788	601	495	452	386	317
80%	141	129	194	409	679	803	662	508	395	401	261	178
90%	55	55	113	336	486	572	529	461	310	297	194	91

Table 5A-B3.1.7.4-B. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	484	526	633	762	878	933	853	739	614	619	574	505
Wet Water Years	563	657	827	972	1,057	1,067	1,029	961	860	869	839	770
Above Normal Water Years	502	581	681	867	992	1,044	944	822	718	737	757	658
Below Normal Water Years	517	568	678	765	874	958	829	642	452	507	515	490
Dry Water Years	440	426	477	568	721	818	710	572	450	457	316	211
Critical Water Years	296	249	287	440	581	643	597	535	436	340	237	167

Table 5A-B3.1.7.4-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	131	176	50	2	0	0	29	115	204	142	94	190
20%	102	127	180	141	93	2	101	200	248	194	191	155
30%	111	139	273	327	231	156	137	125	140	160	130	160
40%	108	71	148	285	313	286	241	194	147	141	132	115
50%	64	61	118	245	381	357	301	269	185	167	188	63
60%	16	23	68	151	297	376	352	300	211	197	177	36
70%	-13	-33	54	124	199	318	290	200	236	143	82	31
80%	3	-28	-55	19	216	342	264	202	211	149	45	13
90%	0	0	-25	103	148	207	238	260	217	116	22	-13

Table 5A-B3.1.7.4-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 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	62	51	81	149	188	210	197	191	182	153	110	79
Wet Water Years	88	85	175	262	247	194	167	186	212	191	157	128
Above Normal Water Years	79	72	84	221	286	298	312	309	338	283	209	141
Below Normal Water Years	67	52	55	113	194	275	275	258	213	200	128	107
Dry Water Years	60	48	41	58	126	207	176	140	100	47	22	-19
Critical Water Years	-15	-42	-37	8	42	69	62	51	29	6	-2	-14

Table 5A-B3.1.7.5-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	909	1,048	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,008	891	895
20%	744	930	1,067	1,067	1,067	1,067	1,056	1,024	885	828	856	819
30%	691	805	1,007	1,067	1,067	1,067	975	816	697	746	719	726
40%	593	644	810	982	1,067	1,067	949	783	608	651	672	606
50%	484	523	630	843	1,046	1,067	941	757	555	604	613	502
60%	374	390	506	664	892	1,067	929	743	540	554	536	402
70%	253	256	383	602	747	931	785	618	501	481	395	325
80%	132	129	195	424	692	798	680	526	390	414	260	175
90%	55	55	104	311	504	585	539	453	331	292	204	97

Table 5A-B3.1.7.5-B. San Luis Reservoir - State Water Project End-of-Month Storage (S_SLUIS_SWP), End-of-Month Storage (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	484	530	632	763	879	936	856	741	615	620	575	506
Wet Water Years	565	663	827	973	1,058	1,067	1,028	961	861	869	839	775
Above Normal Water Years	504	586	687	872	992	1,041	940	819	724	734	755	664
Below Normal Water Years	517	574	679	764	872	963	836	648	455	518	521	491
Dry Water Years	437	423	468	573	735	838	728	584	452	455	314	203
Critical Water Years	299	246	279	433	576	637	593	531	435	340	238	167

Table 5A-B3.1.7.5-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	139	185	50	2	0	0	29	115	204	142	93	188
20%	99	158	180	141	93	2	101	199	256	194	191	171
30%	119	141	291	327	231	156	138	124	145	174	117	160
40%	106	82	183	322	313	286	242	194	144	144	139	113
50%	61	59	109	254	361	357	302	270	186	170	186	58
60%	11	21	56	142	307	415	365	300	220	192	170	31
70%	-16	-22	30	133	196	335	287	218	241	172	92	39
80%	-6	-28	-54	34	228	337	282	220	205	162	44	10
90%	0	0	-34	78	166	220	248	252	237	111	32	-8

Table 5A-B3.1.7.5-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 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	62	54	79	150	190	213	200	193	184	154	111	80
Wet Water Years	90	91	174	264	248	194	167	186	212	190	157	133
Above Normal Water Years	81	78	90	226	286	295	308	306	344	280	207	147
Below Normal Water Years	67	58	56	112	192	280	281	264	216	210	134	108
Dry Water Years	57	45	32	62	140	227	194	153	102	45	21	-27
Critical Water Years	-13	-45	-44	1	37	64	58	47	28	7	-2	-14

B.1.8 Los Vaqueros Storage

Figure 5A-B3.1.8.1-A. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Probability of Exceedance for Existing Conditions, October to March

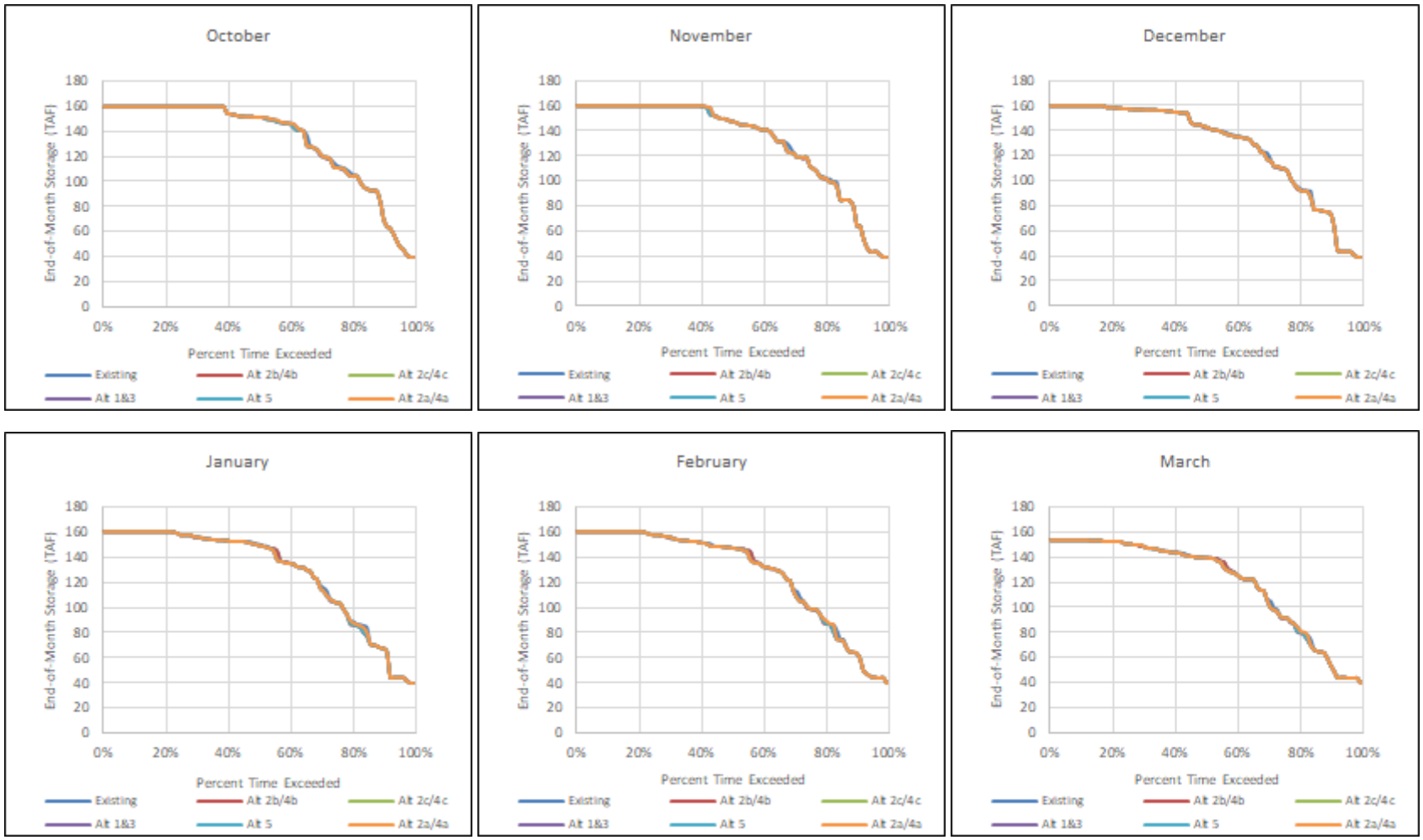


Figure 5A-B3.1.8.1-B. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Probability of Exceedance for Existing Conditions, April to September

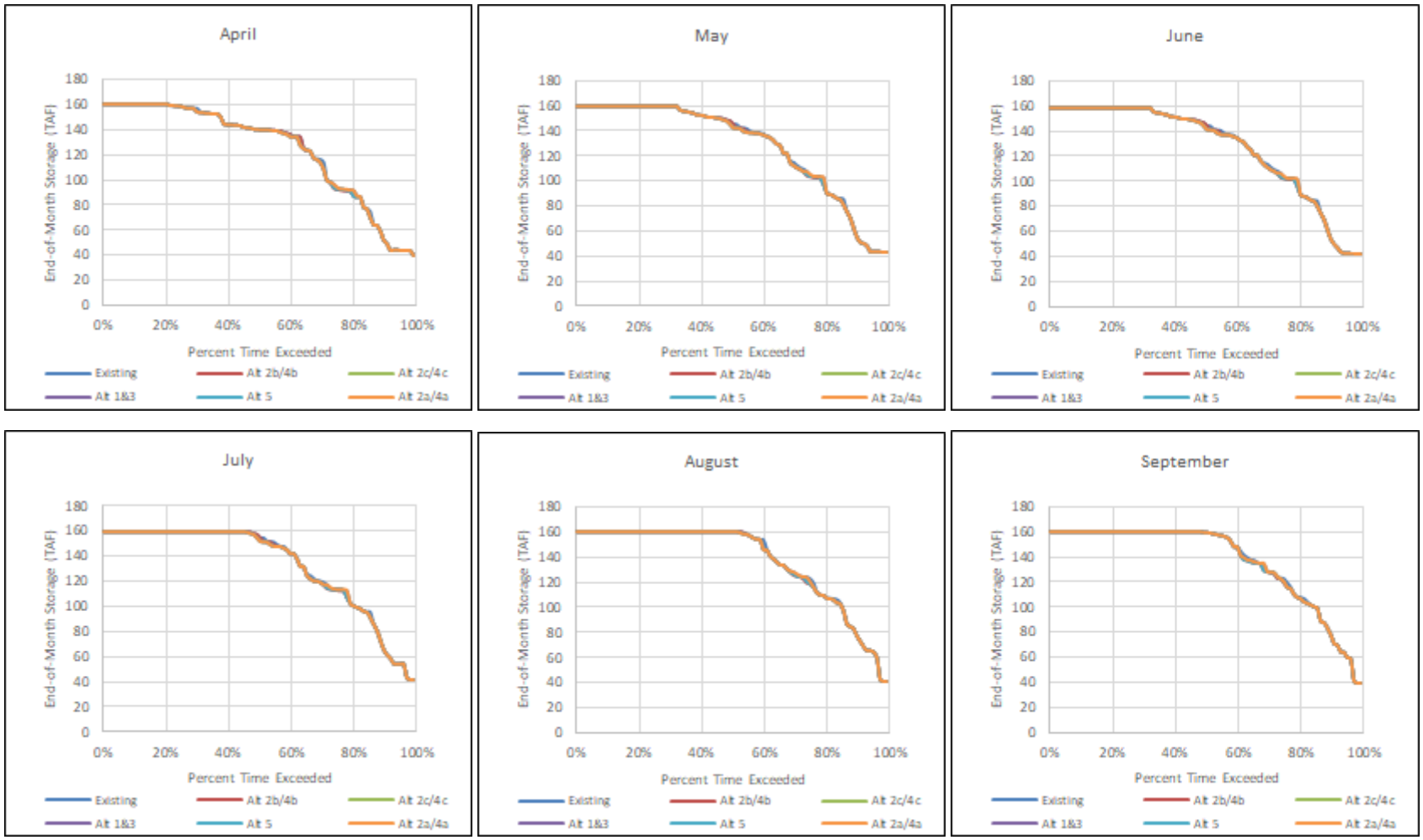


Table 5A-B3.1.8.1-A. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Existing Condition

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	159	160	160	153	160	160	159	160	160	160
30%	160	160	157	155	155	149	157	160	159	160	160	160
40%	155	160	155	153	152	144	144	153	151	160	160	160
50%	152	147	143	150	147	140	140	147	145	156	160	159
60%	147	141	136	135	133	127	136	138	135	143	153	148
70%	121	122	122	117	113	106	116	115	113	120	128	128
80%	106	103	95	89	89	83	91	98	97	102	108	108
90%	74	69	75	67	64	55	54	57	56	68	79	80

Table 5A-B3.1.8.1-B. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), End-of-Month Storage (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	134	132	129	128	127	121	125	129	127	133	137	137
Wet Water Years	142	142	141	144	144	138	146	149	148	152	154	155
Above Normal Water Years	134	134	131	132	132	126	128	135	134	141	145	148
Below Normal Water Years	138	137	134	132	131	123	127	133	132	139	144	144
Dry Water Years	137	134	129	124	121	114	116	120	119	129	133	132
Critical Water Years	104	99	94	91	90	84	84	82	79	83	85	81

Table 5A-B3.1.8.1-C. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020)

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	159	160	160	153	160	160	159	160	160	160
30%	160	160	157	155	155	149	154	160	159	160	160	160
40%	155	160	155	153	151	144	144	153	152	160	160	160
50%	152	147	143	149	147	140	140	147	145	156	160	159
60%	146	141	136	135	133	127	136	137	135	143	147	148
70%	121	122	117	115	112	105	113	112	111	119	125	128
80%	105	102	93	86	87	80	89	94	93	102	108	107
90%	74	69	74	67	63	55	54	57	56	68	79	80

Table 5A-B3.1.8.1-D. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	133	132	129	128	127	120	125	128	127	133	136	136
Wet Water Years	142	142	141	143	143	137	145	149	148	152	154	155
Above Normal Water Years	133	134	131	132	132	126	128	135	134	141	145	148
Below Normal Water Years	138	137	133	131	130	123	127	132	131	139	144	144
Dry Water Years	136	133	128	123	120	113	116	119	118	128	132	131
Critical Water Years	104	99	94	91	90	84	84	82	79	83	85	81

Table 5A-B3.1.8.1-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 (2020) minus Existing Conditions

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	-2	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	-1	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	-1	0	0	-6	0
70%	0	0	-5	-2	-1	-1	-3	-2	-2	-1	-2	0
80%	-2	-1	-2	-3	-2	-3	-2	-3	-3	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.1.8.1-F. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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	-1	0	0	0	0	0	0	0	0
Above Normal Water Years	-1	-1	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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.1.8.2-A. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020)

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	159	160	160	153	160	160	159	160	160	160
30%	160	160	157	156	156	149	154	160	159	160	160	160
40%	155	160	155	153	151	144	144	153	152	160	160	160
50%	152	147	143	149	147	140	140	144	143	154	160	159
60%	146	141	136	135	133	126	134	137	135	143	147	148
70%	122	122	117	115	112	105	113	112	111	119	126	128
80%	105	102	94	87	88	81	89	94	93	102	108	107
90%	74	69	74	67	63	55	54	57	56	68	79	80

Table 5A-B3.1.8.2-B. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	133	132	129	128	127	120	125	128	127	133	136	136
Wet Water Years	142	142	141	143	143	137	145	149	148	152	154	155
Above Normal Water Years	133	134	131	132	132	126	128	135	134	141	145	148
Below Normal Water Years	138	137	133	131	130	123	127	132	131	139	144	144
Dry Water Years	136	133	128	123	120	113	116	119	118	128	132	131
Critical Water Years	104	99	94	91	90	84	84	82	79	83	85	81

Table 5A-B3.1.8.2-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 (2020) minus Existing Conditions

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	1	0	-2	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	1	-1	0	0	0	-3	-3	-3	0	0
60%	0	0	0	0	0	0	-2	-1	0	0	-6	0
70%	1	0	-5	-2	-1	-1	-3	-2	-2	-1	-1	0
80%	-2	0	-1	-2	-2	-2	-2	-3	-3	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.1.8.2-D. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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	-1	0	0	0	0	0	0	0	0
Above Normal Water Years	-1	-1	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	-1	-1	-1	-1	-1	-1	-1	0	0
Dry Water Years	0	0	0	0	0	0	0	-1	-1	-1	-1	-1
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.1.8.3-A. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020)

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	159	160	160	153	160	160	159	160	160	160
30%	160	160	157	156	156	149	154	160	159	160	160	160
40%	155	160	155	153	151	144	144	153	152	160	160	160
50%	152	147	143	149	147	140	140	144	143	154	160	159
60%	146	141	136	135	133	126	134	137	135	143	147	148
70%	122	122	117	115	112	105	113	112	111	119	126	128
80%	105	102	94	87	88	81	89	94	93	102	108	107
90%	74	69	74	67	63	55	54	57	56	68	79	80

Table 5A-B3.1.8.3-B. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	133	132	129	128	127	120	125	128	127	133	136	136
Wet Water Years	142	142	141	143	143	137	145	149	148	152	154	155
Above Normal Water Years	133	134	131	132	132	126	128	135	134	141	145	148
Below Normal Water Years	138	137	133	131	130	123	127	132	131	139	144	144
Dry Water Years	136	133	128	123	120	113	116	119	118	128	132	131
Critical Water Years	104	99	94	91	90	84	84	82	79	83	85	81

Table 5A-B3.1.8.3-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 (2020) minus Existing Conditions

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	1	0	-2	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	1	-1	0	0	0	-3	-3	-3	0	0
60%	0	0	0	0	0	0	-2	-1	0	0	-6	0
70%	1	0	-5	-2	-1	-1	-3	-2	-2	-1	-1	0
80%	-2	0	-1	-2	-2	-2	-2	-3	-3	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.1.8.3-D. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Difference in End-of-Month Storage (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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	-1	0	0	0	0	0	0	0	0
Above Normal Water Years	-1	-1	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	-1	-1	-1	-1	-1	-1	-1	0	0
Dry Water Years	0	0	0	0	0	0	0	-1	-1	-1	-1	-1
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.1.8.4-A. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020)

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	159	160	160	153	160	160	159	160	160	160
30%	160	160	157	156	156	149	154	160	159	160	160	160
40%	155	160	155	153	151	144	144	153	152	160	160	160
50%	152	147	143	149	147	140	140	144	143	154	160	159
60%	147	141	136	135	133	126	134	137	135	143	147	148
70%	122	122	117	115	112	105	113	112	111	119	128	128
80%	105	102	94	88	90	83	91	98	97	102	108	107
90%	74	69	75	67	64	55	54	57	56	68	79	80

Table 5A-B3.1.8.4-B. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	133	132	129	128	127	121	125	128	127	133	136	137
Wet Water Years	142	142	141	144	144	138	146	149	148	152	154	155
Above Normal Water Years	134	134	131	132	132	126	128	135	134	141	145	148
Below Normal Water Years	138	137	133	131	130	123	127	132	131	139	144	144
Dry Water Years	136	133	128	123	120	113	116	119	118	128	132	131
Critical Water Years	104	99	94	91	90	84	84	82	79	83	85	81

Table 5A-B3.1.8.4-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 (2020) minus Existing Conditions

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	1	0	-2	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	1	-1	0	0	0	-3	-3	-3	0	0
60%	0	0	0	0	0	0	-2	-1	0	0	-6	0
70%	1	0	-5	-2	-1	-1	-3	-2	-2	-1	0	0
80%	-2	0	-1	0	1	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.1.8.4-D. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Difference in End-of-Month Storage (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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	-1	-1	-1	-1	-1	-1	-1	0	0
Dry Water Years	0	0	0	0	0	0	0	-1	-1	-1	-1	-1
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.1.8.5-A. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2020)

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	159	160	160	153	160	160	159	160	160	160
30%	160	160	157	156	156	149	154	160	159	160	160	160
40%	155	160	155	153	151	144	144	153	152	160	160	160
50%	152	147	143	149	147	140	140	144	143	154	160	159
60%	146	141	136	135	133	126	134	137	135	143	147	148
70%	122	122	117	115	112	105	113	112	111	119	126	128
80%	105	102	94	87	88	81	89	94	93	102	108	107
90%	74	69	74	67	63	55	54	57	56	68	79	80

Table 5A-B3.1.8.5-B. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), End-of-Month Storage (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	133	132	129	128	127	120	125	128	127	133	136	136
Wet Water Years	142	142	141	143	143	137	145	149	148	152	154	155
Above Normal Water Years	133	134	131	132	132	126	128	135	134	141	145	148
Below Normal Water Years	138	137	133	131	130	123	127	132	131	139	144	144
Dry Water Years	136	133	128	123	120	113	116	119	118	128	132	131
Critical Water Years	104	99	94	91	90	84	84	82	79	83	85	81

Table 5A-B3.1.8.5-C. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Difference in Exceedance Probabilities for End-of-Month Storage (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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	1	0	-2	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	1	-1	0	0	0	-3	-3	-3	0	0
60%	0	0	0	0	0	0	-2	-1	0	0	-6	0
70%	1	0	-5	-2	-1	-1	-3	-2	-2	-1	-1	0
80%	-2	0	-1	-2	-2	-2	-2	-3	-3	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.1.8.5-D. Los Vaqueros Reservoir End-of-Month Storage (S_LOSVQ), Difference in End-of-Month Storage (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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	-1	0	0	0	0	0	0	0	0
Above Normal Water Years	-1	-1	0	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	-1	-1	-1	-1	-1	-1	-1	0	0
Dry Water Years	0	0	0	0	0	0	0	-1	-1	-1	-1	-1
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-B3.2.1.1-A. Trinity River below Lewiston Monthly Flow (C_TRN111), Probability of Exceedance for Existing Conditions, October to March

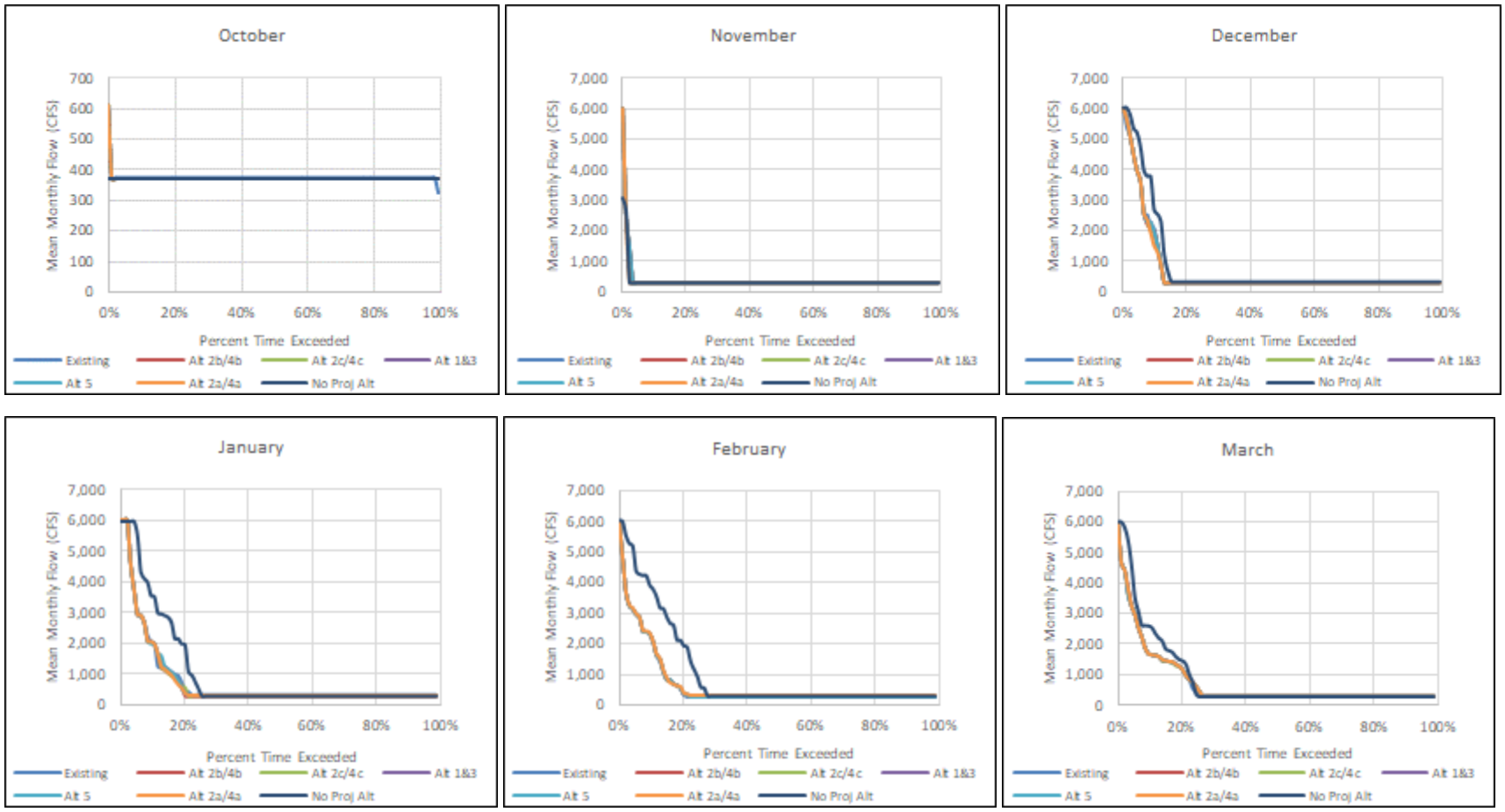


Figure 5A-B3.2.1.1-B. Trinity River below Lewiston Monthly Flow (C_TRN111), Probability of Exceedance for Existing Conditions, April to September

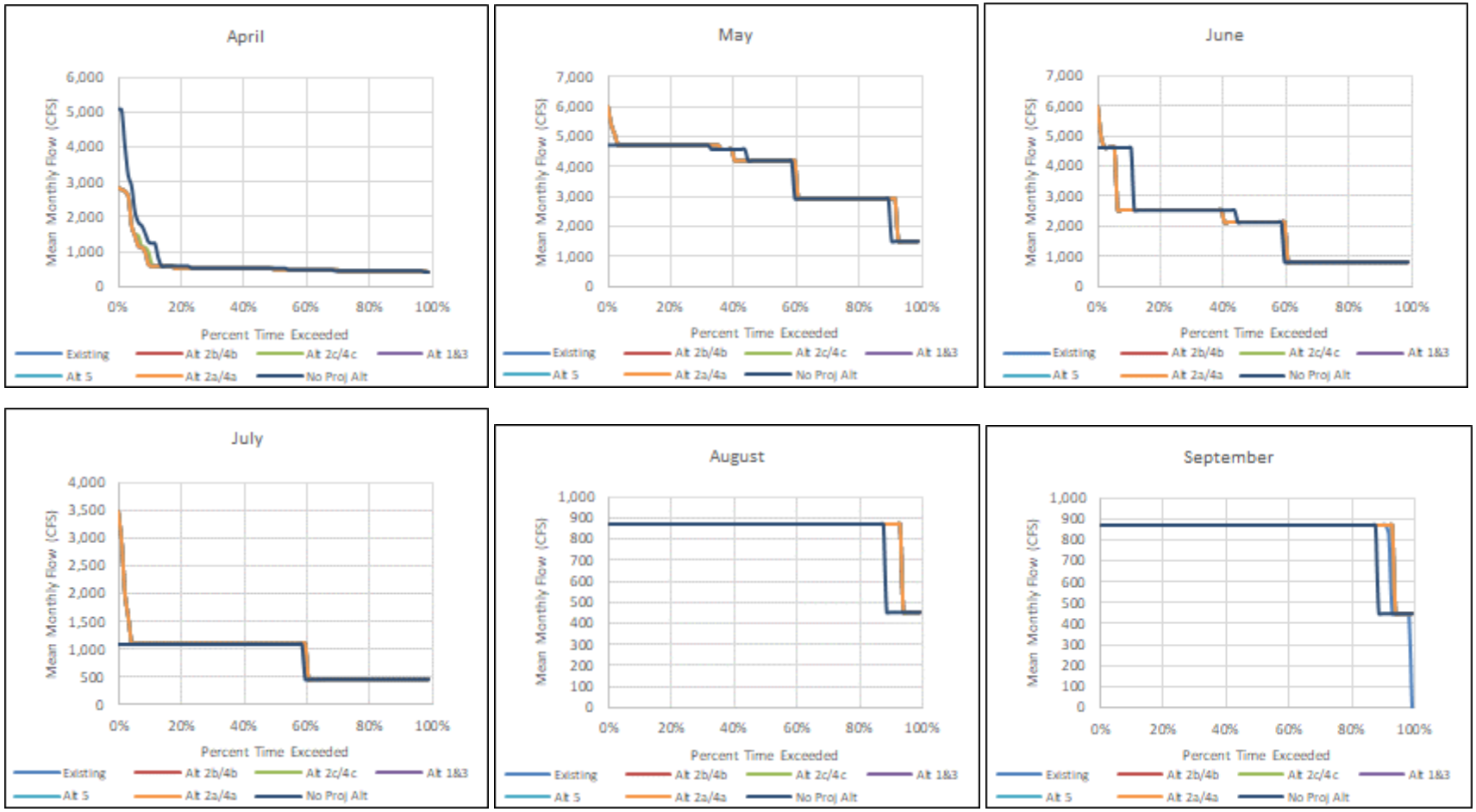


Table 5A-B3.2.1.1-A. Trinity River below Lewiston Monthly Flow (C_TRN111), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	373	300	1,910	2,017	2,260	1,686	641	4,709	2,526	1,102	870	870
20%	373	300	300	554	463	1,216	540	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	4,494	2,445	1,102	870	870
50%	373	300	300	300	300	300	517	4,189	2,120	1,102	870	870
60%	373	300	300	300	300	300	493	4,189	2,120	1,102	870	870
70%	373	300	300	300	300	300	490	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	870	870

Table 5A-B3.2.1.1-B. Trinity River below Lewiston Monthly Flow (C_TRN111), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	375	396	690	768	708	765	647	3,814	1,911	905	843	834
Wet Water Years	381	562	1,443	1,538	1,242	1,359	837	4,734	2,978	1,289	786	786
Above Normal Water Years	373	300	498	799	991	894	672	4,387	2,245	1,048	870	870
Below Normal Water Years	373	352	300	338	384	520	513	3,638	1,531	806	870	870
Dry Water Years	373	300	300	300	300	300	529	3,194	1,059	572	870	870
Critical Water Years	369	300	300	300	300	300	564	2,339	908	497	870	805

Table 5A-B3.2.1.1-C. Trinity River below Lewiston Monthly Flow (C_TRN111), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	373	300	1,855	2,034	2,263	1,686	775	4,709	2,526	1,102	870	870
20%	373	300	300	443	465	1,216	540	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	4,494	2,445	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	4,189	2,120	1,102	870	870
70%	373	300	300	300	300	300	493	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	870	870

Table 5A-B3.2.1.1-D. Trinity River below Lewiston Monthly Flow (C_TRN111), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	376	396	688	765	710	772	651	3,814	1,911	905	843	843
Wet Water Years	381	562	1,436	1,528	1,242	1,359	849	4,734	2,978	1,289	786	786
Above Normal Water Years	373	300	496	764	998	927	672	4,387	2,245	1,048	870	870
Below Normal Water Years	373	352	300	361	384	530	513	3,638	1,531	806	870	870
Dry Water Years	373	300	300	300	300	300	529	3,194	1,059	572	870	870
Critical Water Years	373	300	300	300	300	300	564	2,339	908	497	870	870

Table 5A-B3.2.1.1-E. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	-55	18	3	0	134	0	0	0	0	0
20%	0	0	0	-111	2	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	24	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	3	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-B3.2.1.1-F. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	0	-2	-2	1	7	4	0	0	0	0	10
Wet Water Years	0	0	-6	-10	1	0	12	0	0	0	0	0
Above Normal Water Years	0	0	-2	-35	7	34	0	0	0	0	0	0
Below Normal Water Years	0	0	0	24	0	10	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	4	0	0	0	0	0	0	0	0	0	0	66

Table 5A-B3.2.1.1.2-A. Trinity River below Lewiston Monthly Flow (C_TRN111), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	373	300	1,817	2,026	2,262	1,686	912	4,709	2,526	1,102	870	870
20%	373	300	300	590	486	1,216	540	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	4,494	2,445	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	4,189	2,120	1,102	870	870
70%	373	300	300	300	300	300	493	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	870	870

Table 5A-B3.2.1.2-B. Trinity River below Lewiston Monthly Flow (C_TRN111), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	376	396	688	766	710	768	658	3,814	1,911	905	843	843
Wet Water Years	381	562	1,438	1,521	1,243	1,359	872	4,734	2,978	1,289	786	786
Above Normal Water Years	373	300	493	784	1,001	922	672	4,387	2,245	1,048	870	870
Below Normal Water Years	373	352	300	361	384	517	513	3,638	1,531	806	870	870
Dry Water Years	373	300	300	300	300	300	529	3,194	1,059	572	870	870
Critical Water Years	373	300	300	300	300	300	564	2,339	908	497	870	870

Table 5A-B3.2.1.2-C. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	-93	10	3	0	271	0	0	0	0	0
20%	0	0	0	36	23	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	24	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	3	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-B3.2.1.2-D. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	0	-2	-2	2	3	11	0	0	0	0	10
Wet Water Years	0	0	-5	-16	1	0	35	0	0	0	0	0
Above Normal Water Years	0	0	-5	-15	10	28	0	0	0	0	0	0
Below Normal Water Years	0	0	0	24	0	-2	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	4	0	0	0	0	0	0	0	0	0	0	66

Table 5A-B3.2.1.3-A. Trinity River below Lewiston Monthly Flow (C_TRN111), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	373	300	1,823	2,011	2,262	1,686	642	4,709	2,526	1,102	870	870
20%	373	300	300	439	465	1,216	540	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	4,494	2,445	1,102	870	870
50%	373	300	300	300	300	300	517	4,189	2,120	1,102	870	870
60%	373	300	300	300	300	300	493	4,189	2,120	1,102	870	870
70%	373	300	300	300	300	300	490	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	870	870

Table 5A-B3.2.1.3-B. Trinity River below Lewiston Monthly Flow (C_TRN111), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	376	396	690	768	710	770	647	3,814	1,911	905	843	843
Wet Water Years	381	562	1,448	1,510	1,243	1,359	837	4,734	2,978	1,289	786	786
Above Normal Water Years	373	300	487	827	998	930	672	4,387	2,245	1,048	870	870
Below Normal Water Years	373	352	300	361	384	520	513	3,638	1,531	806	870	870
Dry Water Years	373	300	300	300	300	300	529	3,194	1,059	572	870	870
Critical Water Years	373	300	300	300	300	300	564	2,339	908	497	870	870

Table 5A-B3.2.1.3-C. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	-87	-6	2	0	1	0	0	0	0	0
20%	0	0	0	-115	2	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-B3.2.1.3-D. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	0	0	0	2	5	0	0	0	0	0	10
Wet Water Years	0	0	6	-28	2	0	0	0	0	0	0	0
Above Normal Water Years	0	0	-10	28	7	36	0	0	0	0	0	0
Below Normal Water Years	0	0	0	24	0	1	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	4	0	0	0	0	0	0	0	0	0	0	66

Table 5A-B3.2.1.4-A. Trinity River below Lewiston Monthly Flow (C_TRN111), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	373	300	1,450	2,014	2,257	1,686	643	4,709	2,526	1,102	870	870
20%	373	300	300	430	463	1,216	540	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	4,494	2,445	1,102	870	870
50%	373	300	300	300	300	300	517	4,189	2,120	1,102	870	870
60%	373	300	300	300	300	300	493	4,189	2,120	1,102	870	870
70%	373	300	300	300	300	300	490	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	870	870

Table 5A-B3.2.1.4-B. Trinity River below Lewiston Monthly Flow (C_TRN111), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	376	384	681	760	706	772	647	3,814	1,911	905	843	843
Wet Water Years	381	562	1,418	1,509	1,234	1,359	837	4,734	2,978	1,289	786	786
Above Normal Water Years	373	300	486	768	995	930	672	4,387	2,245	1,048	870	870
Below Normal Water Years	373	300	300	361	384	529	513	3,638	1,531	806	870	870
Dry Water Years	373	300	300	300	300	300	529	3,194	1,059	572	870	870
Critical Water Years	373	300	300	300	300	300	564	2,339	908	497	870	870

Table 5A-B3.2.1.4-C. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	-461	-3	-2	0	2	0	0	0	0	0
20%	0	0	0	-125	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-B3.2.1.4-D. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	-12	-9	-8	-2	7	0	0	0	0	0	10
Wet Water Years	0	0	-25	-29	-8	0	0	0	0	0	0	0
Above Normal Water Years	0	0	-12	-31	3	36	0	0	0	0	0	0
Below Normal Water Years	0	-52	0	24	0	9	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	4	0	0	0	0	0	0	0	0	0	0	66

Table 5A-B3.2.1.5-A. Trinity River below Lewiston Monthly Flow (C_TRN111), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	373	300	1,823	1,972	2,262	1,686	642	4,709	2,526	1,102	870	870
20%	373	300	300	438	465	1,216	540	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	4,494	2,445	1,102	870	870
50%	373	300	300	300	300	300	517	4,189	2,120	1,102	870	870
60%	373	300	300	300	300	300	493	4,189	2,120	1,102	870	870
70%	373	300	300	300	300	300	490	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	870	870

Table 5A-B3.2.1.5-B. Trinity River below Lewiston Monthly Flow (C_TRN111), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	376	396	690	770	710	770	647	3,814	1,911	905	843	843
Wet Water Years	381	562	1,448	1,508	1,243	1,359	837	4,734	2,978	1,289	786	786
Above Normal Water Years	373	300	487	848	998	929	672	4,387	2,245	1,048	870	870
Below Normal Water Years	373	352	300	362	384	520	513	3,638	1,531	806	870	870
Dry Water Years	373	300	300	300	300	300	529	3,194	1,059	572	870	870
Critical Water Years	373	300	300	300	300	300	564	2,339	908	497	870	870

Table 5A-B3.2.1.5-C. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	-87	-44	2	0	1	0	0	0	0	0
20%	0	0	0	-117	2	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-B3.2.1.5-D. Trinity River below Lewiston Monthly Flow (C_TRN111), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	0	0	2	2	5	0	0	0	0	0	10
Wet Water Years	0	0	6	-30	2	0	0	0	0	0	0	0
Above Normal Water Years	0	0	-10	49	7	36	0	0	0	0	0	0
Below Normal Water Years	0	0	0	24	0	1	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	0	0	0	0	0
Critical Water Years	4	0	0	0	0	0	0	0	0	0	0	66

B.2.2 Clear Creek near Igo

Figure 5A-B3.2.2.1-A. Clear Creek near Igo Monthly Flow (C_CLR011), Probability of Exceedance for Existing Conditions, October to March

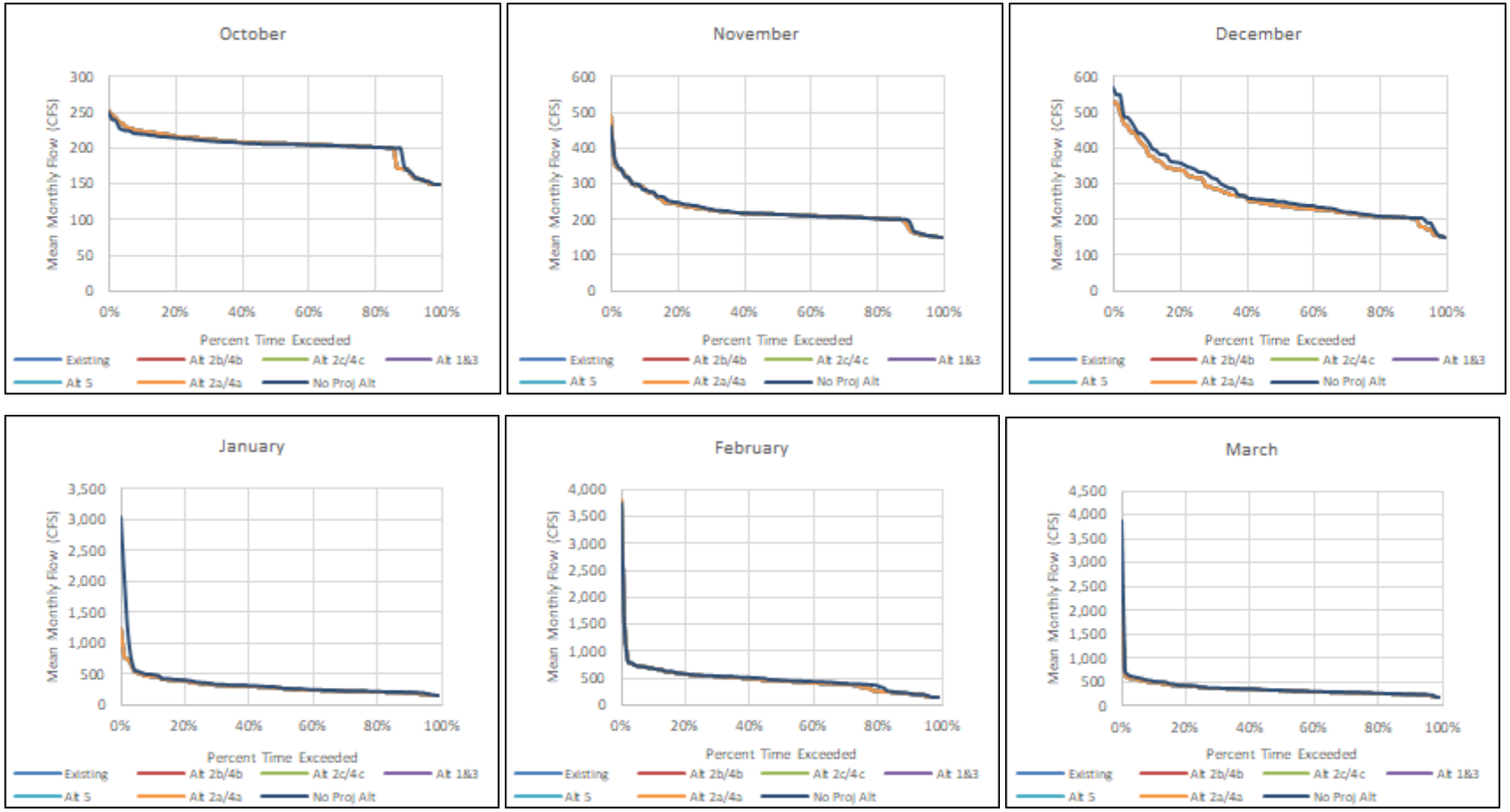


Figure 5A-B3.2.2.1-B. Clear Creek near Igo Monthly Flow (C_CLR011), Probability of Exceedance for Existing Conditions, April to September

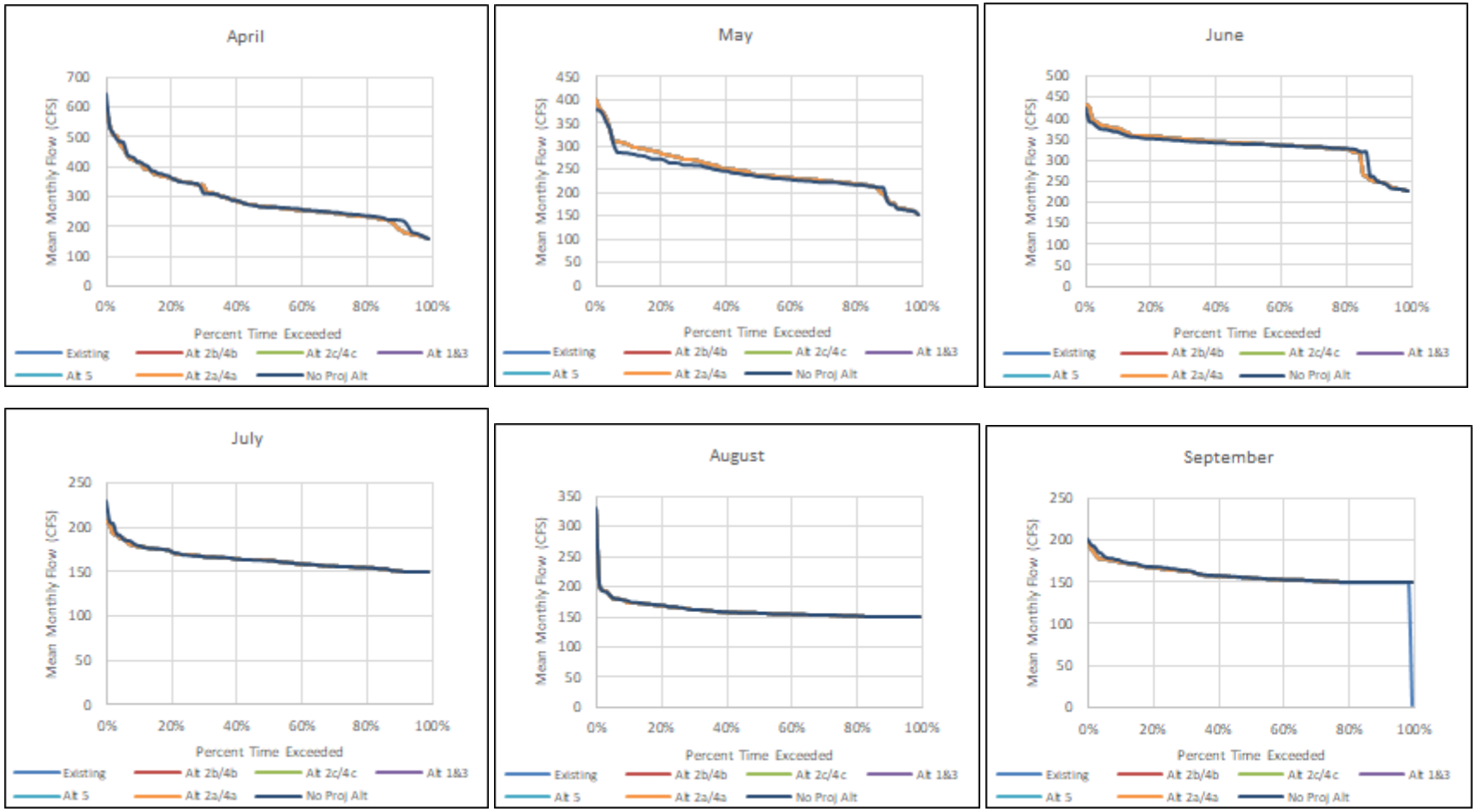


Table 5A-B3.2.2.1-A. Clear Creek near Igo Monthly Flow (C_CLR011), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	224	289	399	467	694	484	416	303	375	179	174	174
20%	217	244	340	398	592	404	363	284	357	174	169	168
30%	213	228	290	326	551	355	339	270	350	168	162	163
40%	209	218	264	309	509	340	288	250	344	165	158	158
50%	207	216	241	280	466	307	267	236	340	164	156	155
60%	205	212	231	246	430	281	255	230	335	159	154	153
70%	204	209	220	232	405	269	246	225	332	156	153	152
80%	202	205	209	218	282	243	234	218	327	155	152	150
90%	171	177	205	204	233	228	198	188	248	151	150	150

Table 5A-B3.2.2.1-B. Clear Creek near Igo Monthly Flow (C_CLR011), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	205	226	273	317	505	348	295	247	332	165	162	158
Wet Water Years	213	252	341	432	728	456	366	279	358	170	171	165
Above Normal Water Years	208	227	277	347	567	371	316	273	358	170	162	159
Below Normal Water Years	206	228	247	271	419	290	281	241	338	163	158	157
Dry Water Years	203	213	231	234	370	305	256	236	335	158	154	156
Critical Water Years	184	184	209	209	263	234	190	179	243	160	156	145

Table 5A-B3.2.2.1-C. Clear Creek near Igo Monthly Flow (C_CLR011), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	224	289	399	467	694	484	416	303	375	179	174	174
20%	217	244	340	398	592	404	363	284	357	174	169	168
30%	213	228	290	326	551	355	339	270	350	168	162	163
40%	209	218	264	309	509	340	288	250	344	165	158	158
50%	207	216	241	280	466	307	267	236	340	164	156	155
60%	205	212	231	246	430	281	255	230	335	159	154	153
70%	204	209	220	232	405	269	246	225	332	156	153	152
80%	202	205	209	218	282	243	234	218	327	155	152	150
90%	171	177	205	204	233	228	198	188	248	151	150	150

Table 5A-B3.2.2.1-D. Clear Creek near Igo Monthly Flow (C_CLR011), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	205	226	273	317	505	348	295	247	332	165	162	159
Wet Water Years	213	252	341	432	728	456	366	279	358	170	171	165
Above Normal Water Years	208	227	277	347	567	371	316	273	358	170	162	159
Below Normal Water Years	206	228	247	271	419	290	281	241	338	163	158	157
Dry Water Years	203	213	231	234	370	305	256	236	335	158	154	156
Critical Water Years	184	184	209	209	263	234	190	179	243	160	156	156

Table 5A-B3.2.2.1-E. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

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-B3.2.2.1-F. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

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	2
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	11

Table 5A-B3.2.2.2-A. Clear Creek near Igo Monthly Flow (C_CLR011), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	224	289	399	467	694	484	416	303	375	179	174	174
20%	217	244	340	398	592	404	363	284	357	174	169	168
30%	213	228	290	326	551	355	339	270	350	168	162	163
40%	209	218	264	309	509	340	288	250	344	165	158	158
50%	207	216	241	280	466	307	267	236	340	164	156	155
60%	205	212	231	246	430	281	255	230	335	159	154	153
70%	204	209	220	232	405	269	246	225	332	156	153	152
80%	202	205	209	218	282	243	234	218	327	155	152	150
90%	171	177	205	204	233	228	198	188	248	151	150	150

Table 5A-B3.2.2.2-B. Clear Creek near Igo Monthly Flow (C_CLR011), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	205	226	273	317	505	348	295	247	332	165	162	159
Wet Water Years	213	252	341	432	728	456	366	279	358	170	171	165
Above Normal Water Years	208	227	277	347	567	371	316	273	358	170	162	159
Below Normal Water Years	206	228	247	271	419	290	281	241	338	163	158	157
Dry Water Years	203	213	231	234	370	305	256	236	335	158	154	156
Critical Water Years	184	184	209	209	263	234	190	179	243	160	156	156

Table 5A-B3.2.2.2-C. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

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-B3.2.2.2-D. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

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	2
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	11

Table 5A-B3.2.2.3-A. Clear Creek near Igo Monthly Flow (C_CLR011), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	224	289	399	467	694	484	416	303	375	179	174	174
20%	217	244	340	398	592	404	363	284	357	174	169	168
30%	213	228	290	326	551	355	339	270	350	168	162	163
40%	209	218	264	309	509	340	288	250	344	165	158	158
50%	207	216	241	280	466	307	267	236	340	164	156	155
60%	205	212	231	246	430	281	255	230	335	159	154	153
70%	204	209	220	232	405	269	246	225	332	156	153	152
80%	202	205	209	218	282	243	234	218	327	155	152	150
90%	171	177	205	204	233	228	198	188	248	151	150	150

Table 5A-B3.2.2.3-B. Clear Creek near Igo Monthly Flow (C_CLR011), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	205	226	273	317	505	348	295	247	332	165	162	159
Wet Water Years	213	252	341	432	728	456	366	279	358	170	171	165
Above Normal Water Years	208	227	277	347	567	371	316	273	358	170	162	159
Below Normal Water Years	206	228	247	271	419	290	281	241	338	163	158	157
Dry Water Years	203	213	231	234	370	305	256	236	335	158	154	156
Critical Water Years	184	184	209	209	263	234	190	179	243	160	156	156

Table 5A-B3.2.2.3-C. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

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-B3.2.2.3-D. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

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	2
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	11

Table 5A-B3.2.2.4-A. Clear Creek near Igo Monthly Flow (C_CLR011), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	224	289	399	467	694	484	416	303	375	179	174	174
20%	217	244	340	398	592	404	363	284	357	174	169	168
30%	213	228	290	326	551	355	339	270	350	168	162	163
40%	209	218	264	309	509	340	288	250	344	165	158	158
50%	207	216	241	280	466	307	267	236	340	164	156	155
60%	205	212	231	246	430	281	255	230	335	159	154	153
70%	204	209	220	232	405	269	246	225	332	156	153	152
80%	202	205	209	218	282	243	234	218	327	155	152	150
90%	171	177	205	204	233	228	198	188	248	151	150	150

Table 5A-B3.2.2.4-B. Clear Creek near Igo Monthly Flow (C_CLR011), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	205	226	273	317	505	348	295	247	332	165	162	159
Wet Water Years	213	252	341	432	728	456	366	279	358	170	171	165
Above Normal Water Years	208	227	277	347	567	371	316	273	358	170	162	159
Below Normal Water Years	206	228	247	271	419	290	281	241	338	163	158	157
Dry Water Years	203	213	231	234	370	305	256	236	335	158	154	156
Critical Water Years	184	184	209	209	263	234	190	179	243	160	156	156

Table 5A-B3.2.2.4-C. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

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-B3.2.2.4-D. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

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	2
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	11

Table 5A-B3.2.2.5-A. Clear Creek near Igo Monthly Flow (C_CLR011), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	224	289	399	467	694	484	416	303	375	179	174	174
20%	217	244	340	398	592	404	363	284	357	174	169	168
30%	213	228	290	326	551	355	339	270	350	168	162	163
40%	209	218	264	309	509	340	288	250	344	165	158	158
50%	207	216	241	280	466	307	267	236	340	164	156	155
60%	205	212	231	246	430	281	255	230	335	159	154	153
70%	204	209	220	232	405	269	246	225	332	156	153	152
80%	202	205	209	218	282	243	234	218	327	155	152	150
90%	171	177	205	204	233	228	198	188	248	151	150	150

Table 5A-B3.2.2.5-B. Clear Creek near Igo Monthly Flow (C_CLR011), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	205	226	273	317	505	348	295	247	332	165	162	159
Wet Water Years	213	252	341	432	728	456	366	279	358	170	171	165
Above Normal Water Years	208	227	277	347	567	371	316	273	358	170	162	159
Below Normal Water Years	206	228	247	271	419	290	281	241	338	163	158	157
Dry Water Years	203	213	231	234	370	305	256	236	335	158	154	156
Critical Water Years	184	184	209	209	263	234	190	179	243	160	156	156

Table 5A-B3.2.2.5-C. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

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-B3.2.2.5-D. Clear Creek near Igo Monthly Flow (C_CLR011), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

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	2
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	11

B.2.3 Sacramento River at Keswick

Figure 5A-B3.2.3.1-A. Sacramento River at Keswick Monthly Flow (C_KSWCK), Probability of Exceedance for Existing Conditions, October to March

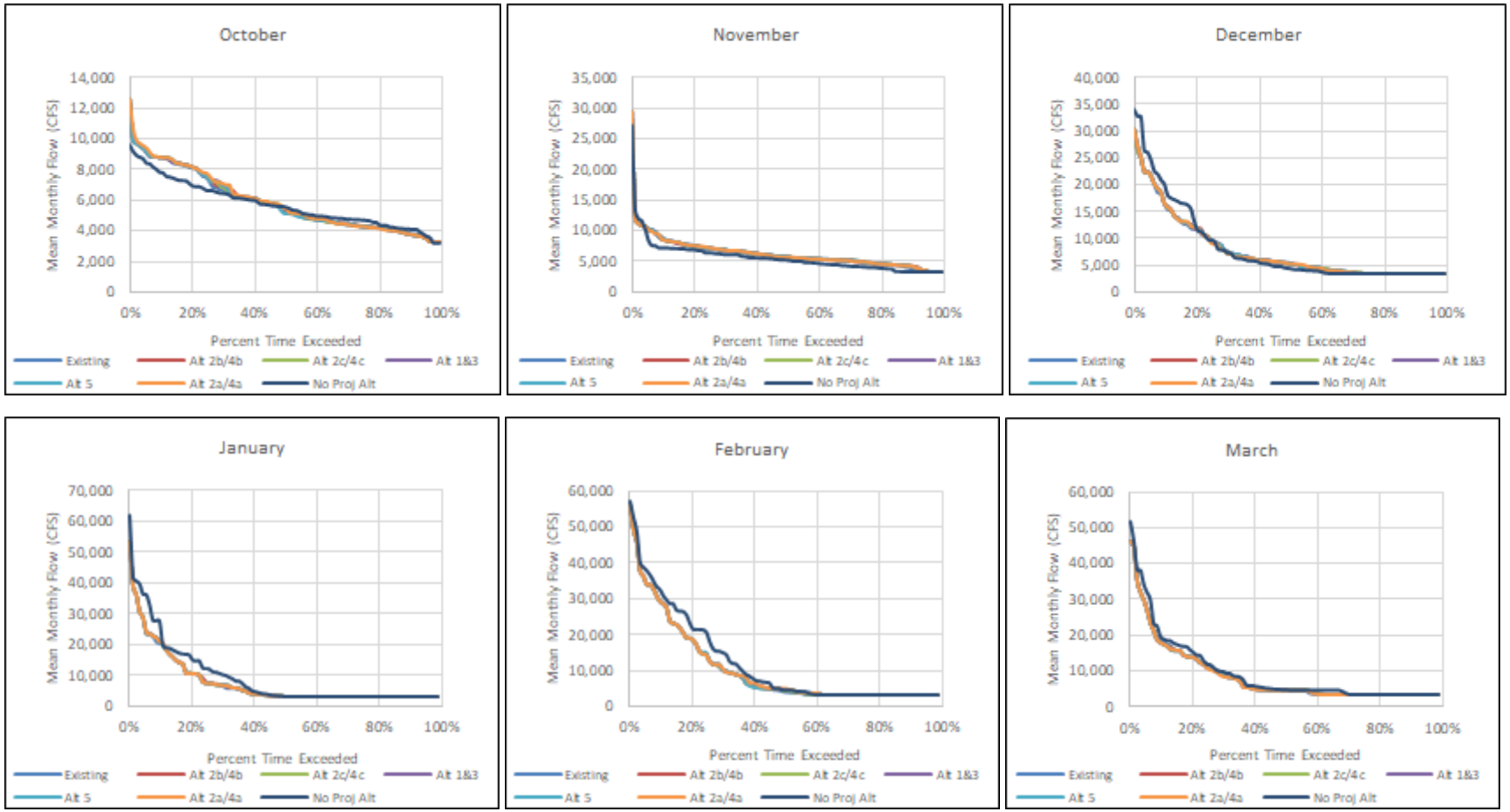


Figure 5A-B3.2.3.1-B. Sacramento River at Keswick Monthly Flow (C_KSWCK), Probability of Exceedance for Existing Conditions, April to September

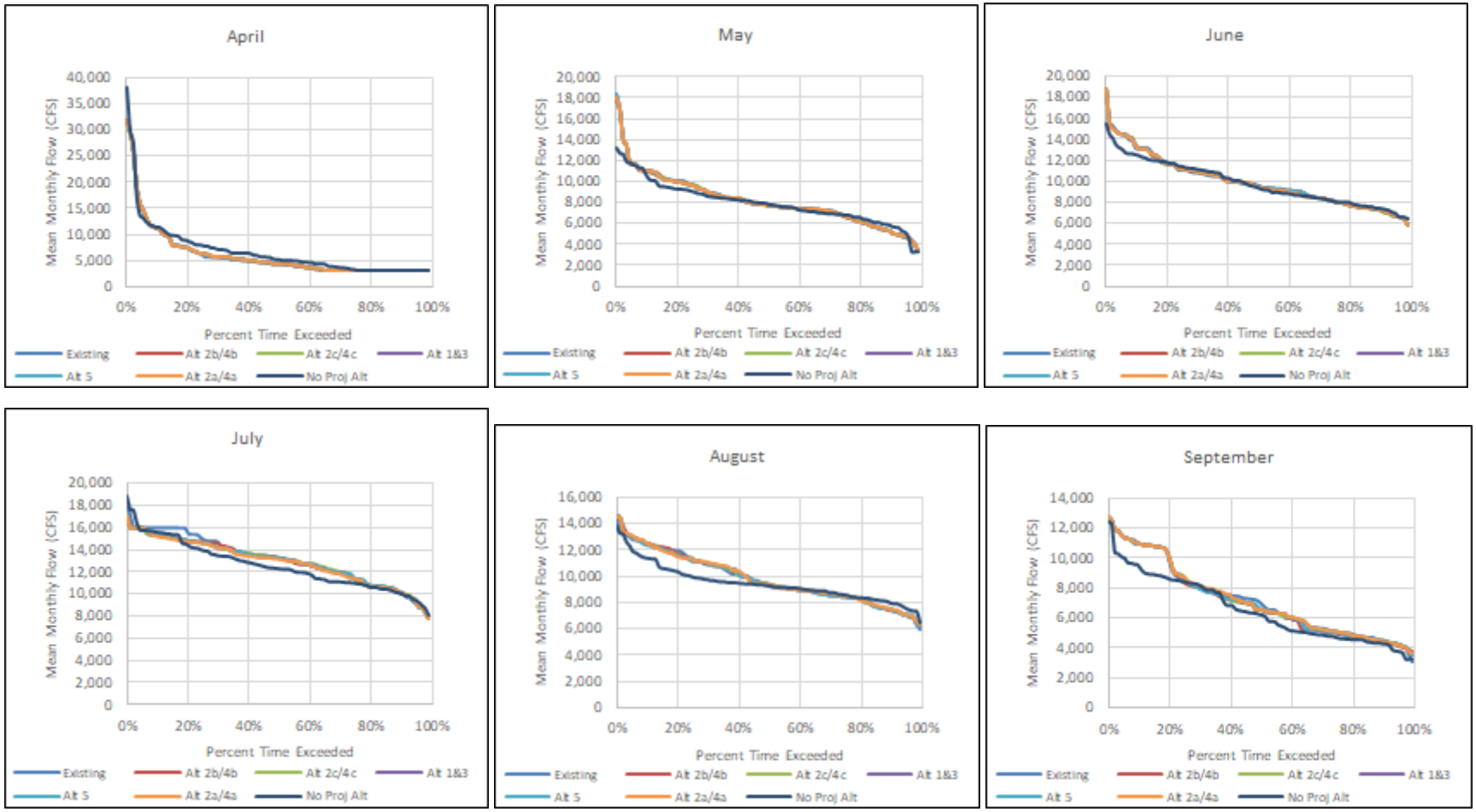


Table 5A-B3.2.3.1-A. Sacramento River at Keswick Monthly Flow (C_KSWCK), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,743	8,807	16,174	20,650	28,963	18,339	11,289	10,936	13,213	16,000	12,362	10,916
20%	8,062	7,617	11,663	10,889	18,735	13,776	7,633	10,015	11,849	15,681	11,939	9,871
30%	6,637	6,737	7,550	6,922	10,224	8,830	5,726	8,967	10,860	14,760	10,883	7,927
40%	6,081	6,306	5,892	4,483	5,515	4,830	5,056	8,257	10,115	13,636	10,105	7,499
50%	5,407	5,700	5,264	3,344	4,136	4,470	4,510	7,700	9,627	13,346	9,364	7,007
60%	4,802	5,428	4,420	3,250	3,250	3,551	3,934	7,383	9,197	12,678	8,935	5,968
70%	4,349	5,174	3,440	3,250	3,250	3,250	3,250	7,182	8,494	11,919	8,573	5,310
80%	4,173	4,641	3,250	3,250	3,250	3,250	3,250	6,153	7,883	10,814	8,281	4,950
90%	3,834	3,863	3,250	3,250	3,250	3,250	3,250	5,234	7,361	10,221	7,468	4,553

Table 5A-B3.2.3.1-B. Sacramento River at Keswick Monthly Flow (C_KSWCK), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5,879	6,365	7,640	8,098	10,693	8,668	6,229	8,134	10,038	13,138	9,789	7,197
Wet Water Years	6,396	7,175	12,736	14,791	20,993	15,647	9,632	8,668	9,127	13,496	10,837	9,586
Above Normal Water Years	5,912	6,180	5,965	9,366	10,442	9,035	5,150	9,002	9,397	13,582	10,146	8,275
Below Normal Water Years	5,997	6,026	6,025	4,538	6,299	5,248	4,315	8,019	10,578	13,966	10,207	6,495
Dry Water Years	5,685	6,187	4,090	3,383	3,837	4,085	4,725	7,694	11,623	13,387	9,141	5,100
Critical Water Years	4,779	5,521	4,754	3,655	3,579	4,010	4,590	6,932	9,879	10,402	7,318	4,656

Table 5A-B3.2.3.1-C. Sacramento River at Keswick Monthly Flow (C_KSWCK), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,743	8,571	16,379	21,001	29,102	17,786	11,289	10,936	13,419	15,339	12,513	10,916
20%	8,143	7,493	11,739	10,836	18,735	13,776	7,554	10,032	11,706	14,828	11,714	9,931
30%	6,893	6,799	7,252	7,081	10,259	8,872	5,886	8,970	10,964	14,606	10,929	8,046
40%	5,998	6,253	5,847	4,384	6,024	5,049	5,280	8,342	10,096	13,682	10,279	7,186
50%	5,289	5,653	5,087	3,435	4,710	4,470	4,510	7,700	9,633	13,279	9,395	6,543
60%	4,787	5,365	4,263	3,250	3,478	3,644	3,813	7,385	9,073	12,669	9,018	5,977
70%	4,423	5,076	3,527	3,250	3,250	3,250	3,250	7,215	8,494	11,973	8,666	5,146
80%	4,181	4,595	3,250	3,250	3,250	3,250	3,250	6,178	7,817	10,769	8,306	4,762
90%	3,745	4,264	3,250	3,250	3,250	3,250	3,250	5,283	7,346	10,207	7,412	4,430

Table 5A-B3.2.3.1-D. Sacramento River at Keswick Monthly Flow (C_KSWCK), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5,896	6,347	7,655	8,150	10,750	8,679	6,258	8,149	10,009	12,984	9,848	7,092
Wet Water Years	6,437	7,116	12,836	14,828	20,968	15,647	9,609	8,707	9,098	13,430	10,786	9,543
Above Normal Water Years	5,866	6,256	6,000	9,334	10,712	8,877	5,153	9,019	9,343	13,246	10,083	8,240
Below Normal Water Years	6,004	6,034	6,038	4,484	6,360	5,254	4,404	7,977	10,569	13,538	10,538	6,076
Dry Water Years	5,744	6,129	4,055	3,767	3,810	4,260	4,729	7,684	11,570	13,424	9,123	5,069
Critical Water Years	4,767	5,517	4,628	3,594	3,715	4,013	4,688	7,007	9,869	10,430	7,381	4,765

Table 5A-B3.2.3.1-E. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-236	205	352	139	-553	0	0	206	-661	151	0
20%	81	-124	75	-52	0	0	-79	16	-143	-853	-225	61
30%	257	62	-298	159	34	42	159	3	104	-154	46	119
40%	-83	-53	-44	-99	510	219	224	85	-19	47	174	-312
50%	-118	-47	-177	90	574	0	0	0	6	-67	31	-464
60%	-15	-63	-157	0	228	93	-121	2	-124	-9	84	9
70%	75	-98	87	0	0	0	0	33	0	54	93	-164
80%	8	-46	0	0	0	0	0	25	-66	-45	25	-189
90%	-89	401	0	0	0	0	0	49	-15	-14	-55	-123

Table 5A-B3.2.3.1-F. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	17	-18	15	51	57	12	29	14	-29	-154	59	-105
Wet Water Years	41	-60	100	37	-24	0	-24	39	-28	-67	-52	-42
Above Normal Water Years	-46	76	35	-32	269	-157	2	16	-54	-336	-63	-34
Below Normal Water Years	7	7	13	-54	61	6	89	-42	-9	-428	331	-419
Dry Water Years	59	-58	-35	384	-26	175	4	-10	-53	37	-17	-32
Critical Water Years	-12	-4	-127	-62	135	4	98	75	-10	28	63	109

Table 5A-B3.2.3.2-A. Sacramento River at Keswick Monthly Flow (C_KSWCK), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,766	8,654	16,290	20,900	29,093	17,786	11,289	11,019	13,415	15,316	12,390	10,916
20%	8,143	7,432	11,841	10,934	18,735	13,776	7,555	10,004	11,699	14,862	11,594	10,044
30%	6,798	6,916	7,304	7,068	10,242	8,872	5,917	8,985	10,986	14,270	11,002	8,130
40%	6,053	6,243	5,838	4,105	5,656	5,121	5,281	8,324	10,093	13,729	10,081	7,234
50%	5,288	5,730	5,093	3,420	4,555	4,470	4,510	7,700	9,633	13,311	9,408	6,531
60%	4,689	5,366	4,303	3,250	3,263	3,643	3,813	7,344	9,085	12,745	9,008	6,036
70%	4,406	5,173	3,530	3,250	3,250	3,250	3,250	7,216	8,494	12,088	8,539	5,186
80%	4,174	4,635	3,250	3,250	3,250	3,250	3,250	6,182	7,826	10,761	8,305	4,872
90%	3,742	4,220	3,250	3,250	3,250	3,250	3,250	5,282	7,346	10,252	7,490	4,483

Table 5A-B3.2.3.2-B. Sacramento River at Keswick Monthly Flow (C_KSWCK), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5,886	6,375	7,647	8,129	10,710	8,687	6,268	8,151	10,021	12,994	9,816	7,138
Wet Water Years	6,447	7,126	12,808	14,816	20,958	15,647	9,608	8,719	9,112	13,387	10,816	9,594
Above Normal Water Years	5,819	6,463	5,872	9,407	10,612	8,808	5,146	9,030	9,340	13,427	9,909	8,295
Below Normal Water Years	5,930	6,039	5,995	4,470	6,226	5,333	4,408	7,967	10,577	13,493	10,449	6,152
Dry Water Years	5,745	6,167	4,156	3,609	3,836	4,255	4,787	7,683	11,570	13,433	9,104	5,104
Critical Water Years	4,831	5,458	4,696	3,623	3,735	4,007	4,686	7,002	9,908	10,495	7,413	4,754

Table 5A-B3.2.3.2-C. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	22	-152	117	250	130	-553	0	83	202	-684	27	0
20%	81	-185	177	45	0	0	-77	-11	-149	-819	-345	173
30%	162	179	-245	146	17	42	191	18	126	-489	120	203
40%	-28	-63	-54	-379	141	292	225	67	-22	94	-24	-264
50%	-119	30	-171	76	419	0	0	0	6	-35	44	-476
60%	-113	-62	-117	0	13	91	-121	-40	-112	67	73	67
70%	58	-1	90	0	0	0	0	34	0	169	-34	-124
80%	1	-6	0	0	0	0	0	29	-57	-53	23	-78
90%	-92	357	0	0	0	0	0	49	-15	31	23	-70

Table 5A-B3.2.3.2-D. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7	11	7	31	17	19	39	16	-17	-144	27	-60
Wet Water Years	51	-49	72	25	-35	0	-24	52	-15	-109	-21	8
Above Normal Water Years	-93	283	-93	41	170	-227	-5	27	-58	-155	-237	21
Below Normal Water Years	-67	12	-29	-68	-73	85	93	-51	0	-474	241	-343
Dry Water Years	60	-20	66	226	-1	170	61	-11	-53	46	-36	3
Critical Water Years	52	-63	-58	-33	156	-3	97	70	29	93	94	99

Table 5A-B3.2.3.3-A. Sacramento River at Keswick Monthly Flow (C_KSWCK), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,743	8,580	16,294	20,954	29,098	17,786	11,289	11,019	13,391	15,328	12,440	10,916
20%	8,143	7,439	11,867	10,840	18,735	13,776	7,554	9,961	11,765	14,857	11,568	9,984
30%	6,948	6,919	7,068	7,106	10,284	8,872	5,878	8,987	10,980	14,188	10,954	8,067
40%	6,094	6,241	5,849	4,019	5,692	4,830	5,286	8,337	10,094	13,613	10,338	7,292
50%	5,270	5,756	5,158	3,360	4,730	4,470	4,510	7,700	9,629	13,283	9,305	6,540
60%	4,696	5,365	4,264	3,250	3,768	3,552	3,853	7,380	9,179	12,741	8,959	6,036
70%	4,417	5,173	3,507	3,250	3,250	3,250	3,250	7,187	8,494	11,968	8,548	5,145
80%	4,164	4,635	3,250	3,250	3,250	3,250	3,250	6,155	7,824	10,854	8,347	4,806
90%	3,744	4,205	3,250	3,250	3,250	3,250	3,250	5,283	7,367	10,221	7,563	4,436

Table 5A-B3.2.3.3-B. Sacramento River at Keswick Monthly Flow (C_KSWCK), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5,888	6,376	7,653	8,125	10,758	8,661	6,264	8,141	10,048	12,971	9,816	7,129
Wet Water Years	6,441	7,113	12,809	14,817	20,975	15,647	9,608	8,677	9,140	13,362	10,811	9,593
Above Normal Water Years	5,817	6,463	5,881	9,351	10,663	8,788	5,173	9,048	9,411	13,390	9,997	8,356
Below Normal Water Years	5,961	6,027	5,995	4,463	6,309	5,327	4,409	7,968	10,594	13,474	10,426	6,122
Dry Water Years	5,748	6,192	4,075	3,621	3,863	4,256	4,798	7,693	11,585	13,392	9,071	5,053
Critical Water Years	4,806	5,482	4,819	3,632	3,817	3,859	4,621	6,999	9,925	10,505	7,426	4,752

Table 5A-B3.2.3.3-C. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-227	120	304	135	-553	0	83	178	-672	77	0
20%	81	-178	204	-49	0	0	-79	-54	-84	-825	-371	113
30%	311	182	-481	184	60	42	152	20	120	-572	71	139
40%	13	-65	-43	-465	177	0	230	81	-21	-23	233	-207
50%	-137	56	-106	16	594	0	0	0	2	-63	-58	-468
60%	-106	-63	-156	0	518	1	-81	-3	-18	63	24	68
70%	69	-1	67	0	0	0	0	5	0	49	-26	-165
80%	-9	-6	0	0	0	0	0	2	-59	40	66	-144
90%	-90	341	0	0	0	0	0	49	6	0	95	-117

Table 5A-B3.2.3.3-D. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	9	12	13	26	65	-6	35	7	10	-166	28	-68
Wet Water Years	46	-63	73	26	-18	0	-24	9	13	-135	-27	7
Above Normal Water Years	-95	284	-84	-15	221	-247	23	45	14	-192	-149	81
Below Normal Water Years	-36	1	-29	-74	10	79	94	-51	17	-492	218	-373
Dry Water Years	63	4	-14	238	27	171	73	-1	-38	5	-70	-48
Critical Water Years	27	-39	65	-23	237	-151	31	66	46	103	108	97

Table 5A-B3.2.3.4-A. Sacramento River at Keswick Monthly Flow (C_KSWCK), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,766	8,536	16,302	21,103	29,067	17,786	11,289	11,019	13,390	15,241	12,502	10,916
20%	8,143	7,529	11,873	10,836	18,735	13,776	7,554	9,961	11,785	14,736	11,486	10,017
30%	7,046	6,829	7,077	7,067	10,563	8,384	5,879	8,987	11,004	14,203	11,025	8,180
40%	6,094	6,243	5,848	4,239	6,531	4,830	5,259	8,384	10,094	13,468	10,397	7,514
50%	5,426	5,679	5,164	3,414	4,999	4,470	4,510	7,700	9,504	13,176	9,332	6,547
60%	4,765	5,365	4,334	3,250	3,715	3,543	3,848	7,378	9,070	12,740	8,943	6,060
70%	4,398	5,144	3,525	3,250	3,250	3,250	3,250	7,187	8,469	11,875	8,677	5,264
80%	4,149	4,597	3,250	3,250	3,250	3,250	3,250	6,160	7,830	10,751	8,217	4,883
90%	3,745	4,248	3,250	3,250	3,250	3,250	3,250	5,282	7,367	10,203	7,500	4,442

Table 5A-B3.2.3.4-B. Sacramento River at Keswick Monthly Flow (C_KSWCK), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5,941	6,367	7,638	8,137	10,812	8,618	6,275	8,142	10,018	12,899	9,821	7,193
Wet Water Years	6,539	7,038	12,768	14,843	20,981	15,647	9,608	8,679	9,143	13,344	10,830	9,622
Above Normal Water Years	5,822	6,397	5,916	9,348	10,768	8,818	5,173	9,018	9,411	13,240	10,085	8,390
Below Normal Water Years	6,035	6,066	6,063	4,454	6,501	5,150	4,463	7,977	10,575	13,376	10,448	6,212
Dry Water Years	5,765	6,253	4,012	3,677	3,823	4,252	4,809	7,701	11,448	13,252	8,957	5,228
Critical Water Years	4,813	5,509	4,738	3,615	3,820	3,823	4,598	7,004	9,907	10,505	7,433	4,752

Table 5A-B3.2.3.4-C. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	22	-270	128	454	105	-553	0	83	177	-759	140	0
20%	81	-88	210	-52	0	0	-79	-54	-64	-946	-453	146
30%	410	92	-473	146	339	-447	153	20	144	-557	143	253
40%	13	-63	-44	-245	1,016	0	203	127	-21	-168	293	16
50%	19	-21	-100	70	863	0	0	0	-123	-170	-32	-461
60%	-37	-63	-86	0	465	-8	-86	-6	-127	62	8	92
70%	49	-30	85	0	0	0	0	5	-25	-44	104	-46
80%	-24	-44	0	0	0	0	0	7	-53	-63	-64	-67
90%	-89	384	0	0	0	0	0	48	6	-18	32	-111

Table 5A-B3.2.3.4-D. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	62	3	-3	38	119	-50	46	8	-19	-238	32	-4
Wet Water Years	144	-138	32	52	-12	0	-24	11	16	-153	-7	36
Above Normal Water Years	-91	218	-49	-18	325	-216	23	15	13	-343	-60	116
Below Normal Water Years	38	40	38	-84	202	-98	148	-42	-3	-591	241	-283
Dry Water Years	80	66	-78	294	-14	167	84	7	-174	-135	-183	127
Critical Water Years	34	-12	-17	-41	241	-187	8	72	28	102	115	96

Table 5A-B3.2.3.5-A. Sacramento River at Keswick Monthly Flow (C_KSWCK), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,744	8,582	16,293	20,953	29,097	17,786	11,289	11,019	13,391	15,328	12,440	10,916
20%	8,143	7,437	11,867	10,840	18,735	13,776	7,554	9,961	11,766	14,857	11,568	9,984
30%	6,948	6,919	7,068	7,106	10,284	8,872	5,878	8,986	10,980	14,187	11,000	7,959
40%	6,094	6,243	5,840	4,025	5,512	4,830	5,285	8,336	10,094	13,613	10,338	7,258
50%	5,107	5,756	5,158	3,443	4,730	4,470	4,510	7,700	9,629	13,280	9,358	6,603
60%	4,695	5,365	4,265	3,250	3,754	3,551	3,853	7,380	9,179	12,741	8,991	6,036
70%	4,418	5,146	3,507	3,250	3,250	3,250	3,250	7,187	8,494	11,968	8,548	5,145
80%	4,164	4,634	3,250	3,250	3,250	3,250	3,250	6,155	7,825	10,914	8,348	4,806
90%	3,744	4,205	3,250	3,250	3,250	3,250	3,250	5,283	7,367	10,219	7,563	4,436

Table 5A-B3.2.3.5-B. Sacramento River at Keswick Monthly Flow (C_KSWCK), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5,882	6,372	7,649	8,132	10,750	8,663	6,264	8,141	10,049	12,978	9,821	7,127
Wet Water Years	6,437	7,113	12,804	14,830	20,986	15,647	9,608	8,677	9,140	13,362	10,810	9,593
Above Normal Water Years	5,817	6,459	5,880	9,351	10,660	8,787	5,173	9,047	9,411	13,454	10,011	8,276
Below Normal Water Years	5,963	6,011	5,995	4,463	6,326	5,327	4,409	7,968	10,595	13,474	10,435	6,159
Dry Water Years	5,767	6,191	4,073	3,621	3,863	4,256	4,798	7,693	11,587	13,388	9,079	5,049
Critical Water Years	4,756	5,484	4,803	3,652	3,717	3,874	4,620	6,999	9,927	10,501	7,423	4,753

Table 5A-B3.2.3.5-C. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	-225	120	303	134	-553	0	83	178	-672	77	0
20%	81	-180	204	-49	0	0	-79	-54	-83	-825	-371	113
30%	311	182	-481	184	60	42	152	19	120	-572	117	31
40%	13	-63	-51	-459	-3	0	229	80	-21	-23	234	-240
50%	-301	56	-106	99	594	0	0	0	2	-66	-5	-404
60%	-106	-63	-155	0	504	0	-81	-3	-18	63	56	68
70%	69	-27	67	0	0	0	0	5	0	49	-26	-165
80%	-8	-7	0	0	0	0	0	2	-58	100	66	-144
90%	-90	341	0	0	0	0	0	49	6	-2	95	-117

Table 5A-B3.2.3.5-D. Sacramento River at Keswick Monthly Flow (C_KSWCK), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	7	8	33	57	-4	34	7	11	-160	33	-70
Wet Water Years	41	-62	68	39	-7	0	-24	9	13	-134	-27	7
Above Normal Water Years	-95	279	-85	-15	218	-248	23	45	14	-129	-134	1
Below Normal Water Years	-34	-15	-30	-75	27	79	94	-51	17	-493	228	-336
Dry Water Years	82	4	-16	238	27	171	73	-1	-36	1	-62	-51
Critical Water Years	-23	-37	49	-3	138	-136	30	67	48	98	104	97

B.2.4 Sacramento River above Bend Bridge

Figure 5A-B3.2.4.1-A. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Probability of Exceedance for Existing Conditions, October to March

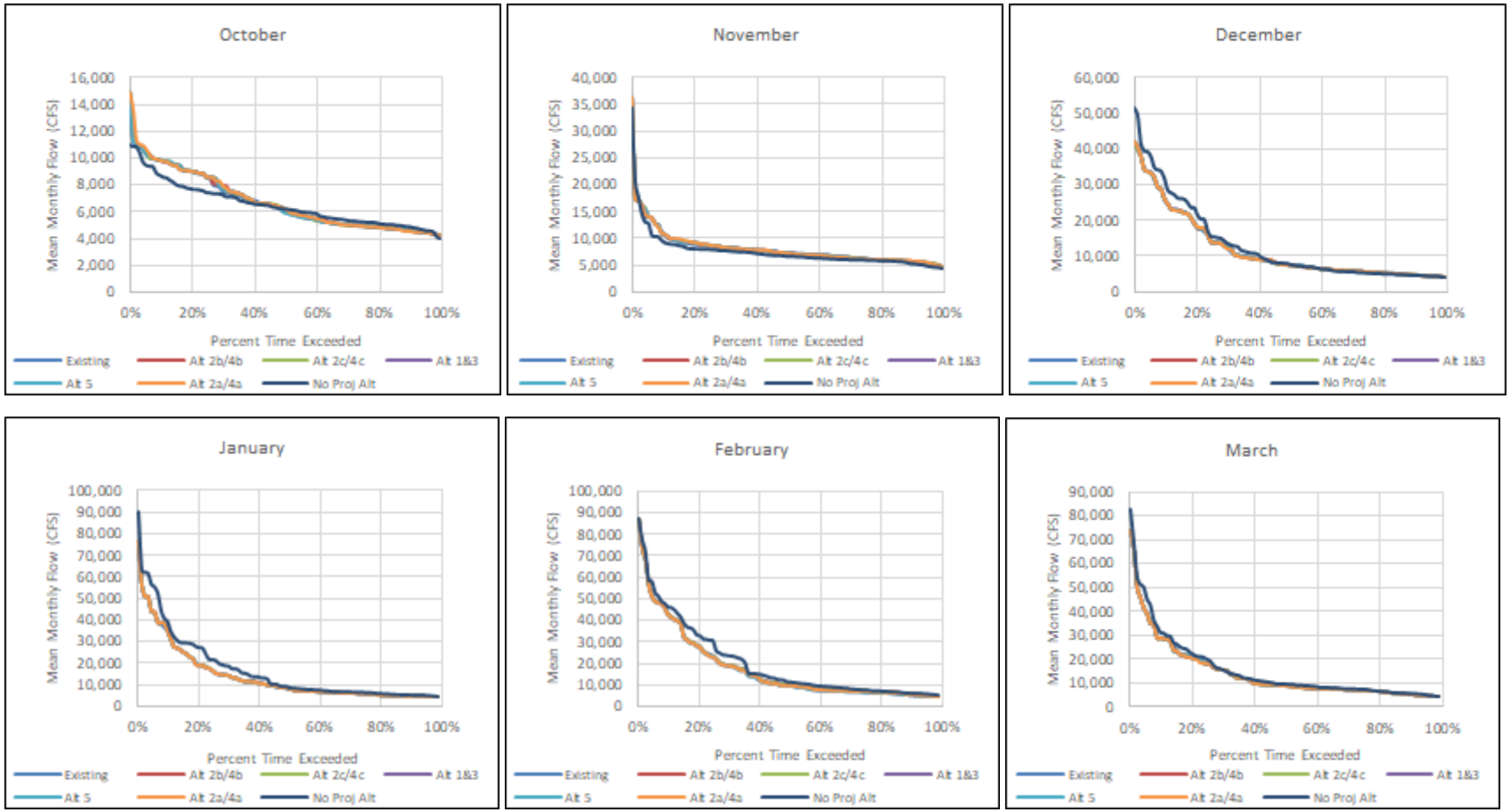


Figure 5A-B3.2.4.1-B. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Probability of Exceedance for Existing Conditions, April to September

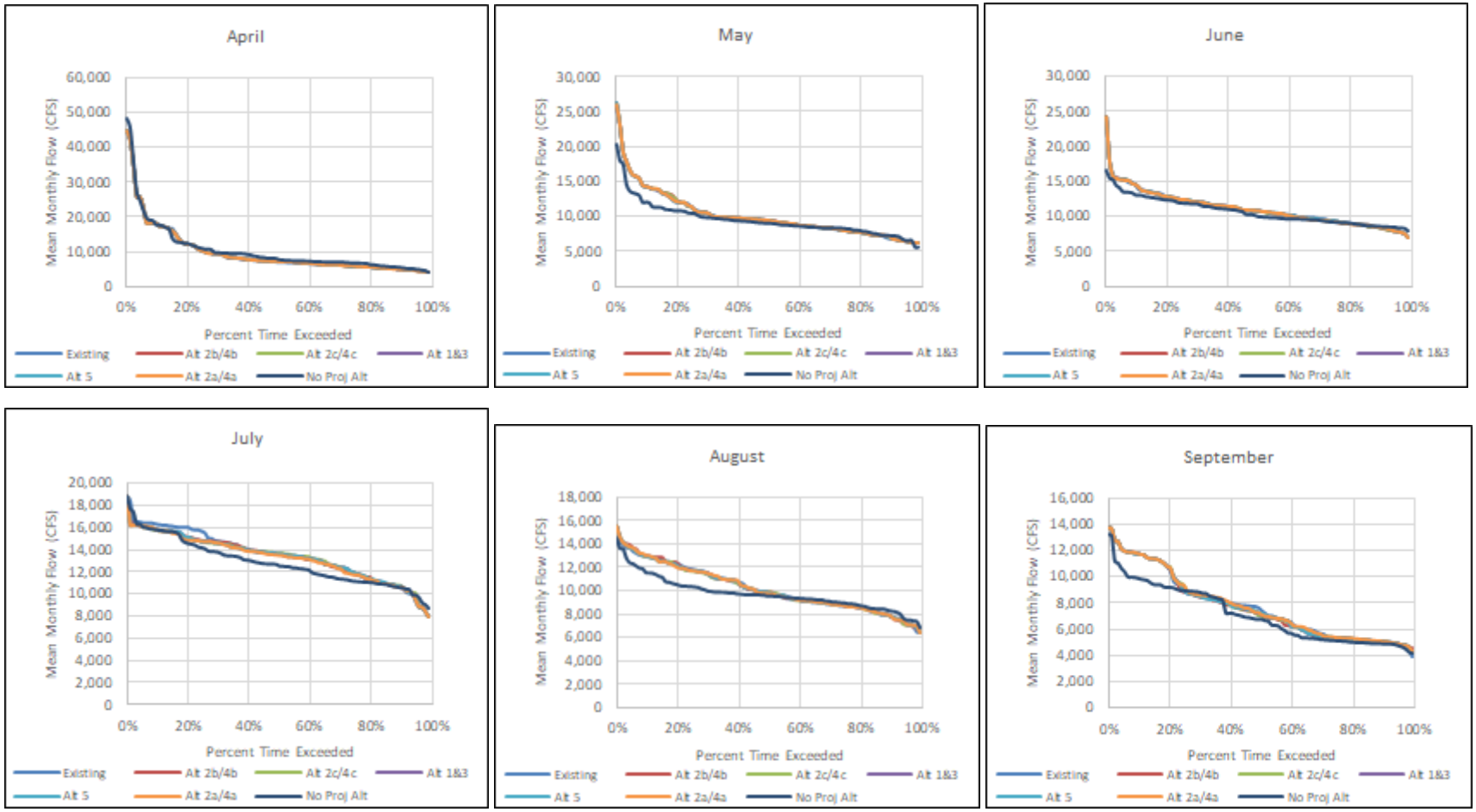


Table 5A-B3.2.4.1-A. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,778	11,011	25,441	34,080	42,368	28,833	17,979	14,266	14,367	16,342	12,934	11,720
20%	8,964	8,761	18,386	19,527	27,898	20,266	12,293	12,149	12,954	16,049	12,249	10,547
30%	7,467	8,254	12,343	14,373	18,733	15,570	9,540	10,537	12,119	14,820	11,498	8,515
40%	6,841	7,696	9,225	10,770	12,070	9,742	7,812	9,776	11,281	14,077	10,704	7,997
50%	6,141	7,263	7,632	8,243	9,902	8,851	7,134	9,477	10,827	13,636	9,786	7,505
60%	5,550	6,816	6,618	6,726	8,020	7,679	6,668	8,761	10,312	13,190	9,242	6,546
70%	5,055	6,343	5,924	6,152	7,301	7,140	6,237	8,408	9,781	12,337	8,915	5,661
80%	4,850	5,905	5,548	5,349	6,599	6,555	5,780	7,752	9,138	11,333	8,568	5,295
90%	4,689	5,544	4,864	4,775	5,858	5,328	5,106	6,910	8,537	10,639	7,779	5,082

Table 5A-B3.2.4.1-B. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,763	8,096	11,951	14,153	17,823	14,336	9,936	10,212	11,203	13,538	10,187	7,733
Wet Water Years	7,410	9,636	19,937	25,397	32,339	24,545	15,735	11,694	10,878	14,141	11,336	10,189
Above Normal Water Years	6,830	7,736	10,635	17,116	18,618	15,445	9,149	11,971	10,985	14,090	10,707	8,880
Below Normal Water Years	6,873	7,744	9,112	8,482	11,018	9,539	7,398	9,649	11,489	14,290	10,575	7,065
Dry Water Years	6,481	7,456	6,015	5,822	9,431	7,972	6,759	8,980	12,279	13,510	9,421	5,549
Critical Water Years	5,468	6,387	7,212	5,953	6,316	6,322	5,802	7,818	10,409	10,623	7,546	5,033

Table 5A-B3.2.4.1-C. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,798	10,621	25,921	34,082	42,428	28,833	17,980	14,266	14,470	15,793	12,972	11,720
20%	9,013	8,993	18,301	19,157	27,897	20,715	12,292	12,289	12,790	15,191	12,338	10,605
30%	7,903	8,202	12,450	14,377	18,926	15,572	9,540	10,531	12,046	14,730	11,504	8,436
40%	6,683	7,646	9,226	11,225	13,398	9,741	7,875	9,792	11,507	14,012	10,726	7,804
50%	6,119	7,214	7,665	8,397	9,822	8,801	7,322	9,490	10,822	13,587	9,908	7,146
60%	5,467	6,695	6,578	6,900	7,948	7,678	6,926	8,790	10,192	13,164	9,220	6,219
70%	5,038	6,332	6,005	6,153	7,304	7,229	6,213	8,407	9,565	12,406	8,961	5,409
80%	4,879	5,896	5,356	5,378	6,749	6,620	5,727	7,752	9,086	11,537	8,573	5,240
90%	4,613	5,645	4,801	4,775	5,865	5,329	5,104	7,088	8,503	10,643	7,881	5,049

Table 5A-B3.2.4.1-D. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,780	8,078	11,966	14,204	17,879	14,348	9,964	10,226	11,175	13,384	10,246	7,628
Wet Water Years	7,451	9,577	20,037	25,435	32,316	24,546	15,712	11,734	10,850	14,075	11,285	10,147
Above Normal Water Years	6,785	7,810	10,671	17,086	18,885	15,291	9,151	11,988	10,932	13,754	10,646	8,846
Below Normal Water Years	6,879	7,752	9,125	8,430	11,080	9,545	7,485	9,608	11,480	13,863	10,906	6,644
Dry Water Years	6,539	7,398	5,980	6,200	9,408	8,146	6,764	8,971	12,227	13,548	9,403	5,518
Critical Water Years	5,457	6,385	7,091	5,892	6,446	6,326	5,897	7,891	10,398	10,649	7,606	5,142

Table 5A-B3.2.4.1-E. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	20	-389	480	1	59	0	1	0	104	-549	38	0
20%	50	232	-86	-369	-1	449	-1	140	-164	-858	89	58
30%	436	-52	106	5	193	2	0	-6	-74	-90	5	-79
40%	-158	-50	1	454	1,328	0	63	16	226	-65	22	-193
50%	-23	-49	32	154	-80	-50	188	13	-5	-49	122	-359
60%	-84	-121	-41	173	-72	-1	258	29	-120	-27	-22	-327
70%	-17	-11	81	1	3	89	-24	-1	-216	69	46	-252
80%	29	-9	-192	30	150	65	-53	0	-51	204	5	-54
90%	-76	101	-63	0	7	1	-2	179	-33	4	102	-33

Table 5A-B3.2.4.1-F. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	17	-18	15	51	56	12	28	15	-28	-154	59	-105
Wet Water Years	41	-60	100	37	-24	0	-23	39	-28	-66	-51	-42
Above Normal Water Years	-45	74	36	-31	266	-154	2	17	-52	-336	-61	-34
Below Normal Water Years	6	7	13	-53	62	6	87	-41	-8	-428	331	-420
Dry Water Years	58	-58	-36	378	-23	174	6	-9	-52	38	-18	-31
Critical Water Years	-10	-2	-121	-61	130	3	96	73	-11	26	61	109

Table 5A-B3.2.4.2-A. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,816	10,671	25,718	34,082	42,423	28,833	17,980	14,267	14,466	15,776	12,918	11,703
20%	9,014	9,043	18,468	19,157	27,898	20,826	12,292	12,289	12,847	15,153	12,130	10,716
30%	7,717	8,191	12,704	14,377	18,876	15,578	9,538	10,526	12,120	14,581	11,420	8,572
40%	6,617	7,646	9,153	10,770	13,398	9,741	7,873	9,792	11,478	13,961	10,613	7,843
50%	6,108	7,113	7,602	8,398	9,825	8,801	7,327	9,459	10,828	13,712	9,906	7,005
60%	5,333	6,720	6,578	6,823	7,948	7,679	6,926	8,787	10,191	13,398	9,185	6,289
70%	5,007	6,343	5,971	6,153	7,405	7,228	6,224	8,407	9,638	12,514	8,946	5,441
80%	4,873	5,895	5,386	5,210	6,753	6,619	5,727	7,802	9,087	11,425	8,646	5,251
90%	4,611	5,646	4,852	4,774	5,739	5,328	5,196	7,083	8,494	10,792	7,877	5,062

Table 5A-B3.2.4.2-B. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,770	8,106	11,959	14,184	17,838	14,356	9,974	10,228	11,187	13,394	10,215	7,673
Wet Water Years	7,461	9,587	20,009	25,423	32,305	24,546	15,712	11,746	10,864	14,032	11,316	10,198
Above Normal Water Years	6,738	8,016	10,543	17,158	18,787	15,222	9,143	11,999	10,929	13,935	10,473	8,900
Below Normal Water Years	6,806	7,757	9,083	8,415	10,944	9,623	7,489	9,599	11,489	13,817	10,817	6,719
Dry Water Years	6,540	7,435	6,078	6,046	9,432	8,141	6,821	8,970	12,228	13,557	9,384	5,553
Critical Water Years	5,521	6,327	7,160	5,920	6,466	6,319	5,896	7,886	10,437	10,714	7,638	5,132

Table 5A-B3.2.4.2-C. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	37	-340	276	1	55	0	1	1	100	-566	-16	-17
20%	51	282	81	-370	1	560	-1	140	-107	-896	-118	169
30%	250	-64	361	4	143	8	-2	-12	1	-238	-78	57
40%	-224	-50	-72	0	1,328	-1	61	16	197	-116	-91	-154
50%	-33	-150	-30	154	-78	-50	193	-18	1	77	120	-500
60%	-217	-97	-40	97	-72	0	258	26	-120	208	-57	-257
70%	-48	0	47	1	105	88	-13	-1	-143	178	30	-220
80%	22	-10	-162	-139	154	64	-53	50	-51	92	79	-44
90%	-78	102	-12	0	-119	-1	91	173	-43	153	98	-19

Table 5A-B3.2.4.2-D. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7	11	7	31	16	20	38	17	-16	-144	28	-60
Wet Water Years	51	-49	72	26	-34	0	-23	51	-14	-109	-21	8
Above Normal Water Years	-92	280	-91	42	169	-223	-6	28	-56	-155	-234	19
Below Normal Water Years	-67	12	-29	-67	-74	84	91	-50	0	-474	242	-345
Dry Water Years	59	-20	63	224	1	169	62	-10	-51	47	-36	4
Critical Water Years	54	-59	-52	-34	150	-3	94	68	28	91	92	99

Table 5A-B3.2.4.3-A. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,799	10,757	25,723	34,082	42,425	28,834	17,980	14,266	14,464	15,848	12,956	11,716
20%	8,995	9,081	18,421	19,157	27,899	20,841	12,292	12,119	12,959	15,147	12,117	10,657
30%	7,709	8,190	12,695	14,377	19,107	15,573	9,538	10,525	12,120	14,636	11,429	8,553
40%	6,617	7,674	9,114	10,770	13,398	9,741	7,868	9,792	11,506	13,962	10,740	7,924
50%	6,115	7,203	7,602	8,397	9,834	8,801	7,312	9,457	10,890	13,628	9,853	7,140
60%	5,421	6,706	6,579	6,823	7,948	7,679	6,897	8,794	10,206	13,214	9,252	6,287
70%	5,055	6,330	6,001	6,153	7,301	7,228	6,228	8,407	9,714	12,404	8,892	5,425
80%	4,884	5,886	5,386	5,236	6,753	6,556	5,727	7,799	9,086	11,329	8,604	5,239
90%	4,571	5,606	4,782	4,775	5,741	5,225	5,104	7,087	8,539	10,759	7,889	5,042

Table 5A-B3.2.4.3-B. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,772	8,107	11,965	14,180	17,886	14,331	9,970	10,219	11,213	13,372	10,215	7,664
Wet Water Years	7,455	9,573	20,010	25,424	32,322	24,546	15,712	11,704	10,890	14,007	11,310	10,197
Above Normal Water Years	6,736	8,015	10,554	17,102	18,837	15,202	9,170	12,017	10,999	13,899	10,560	8,960
Below Normal Water Years	6,837	7,746	9,083	8,409	11,026	9,617	7,490	9,600	11,506	13,799	10,794	6,689
Dry Water Years	6,543	7,460	6,000	6,058	9,458	8,143	6,831	8,980	12,242	13,516	9,352	5,502
Critical Water Years	5,497	6,351	7,280	5,930	6,546	6,173	5,832	7,882	10,454	10,724	7,651	5,130

Table 5A-B3.2.4.3-C. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	20	-254	282	1	57	0	1	0	98	-494	22	-4
20%	32	320	35	-369	1	575	-1	-30	5	-902	-132	110
30%	242	-64	351	4	374	2	-2	-13	1	-184	-69	38
40%	-224	-22	-111	0	1,328	-1	56	16	225	-115	36	-72
50%	-26	-61	-30	154	-68	-50	178	-20	63	-8	67	-364
60%	-130	-111	-40	97	-72	0	229	33	-106	24	10	-259
70%	0	-13	76	1	0	88	-9	-1	-67	68	-23	-235
80%	33	-19	-161	-113	154	2	-53	47	-52	-4	36	-56
90%	-118	62	-82	0	-117	-103	-2	178	2	120	109	-40

Table 5A-B3.2.4.3-D. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	9	11	14	26	63	-6	34	7	10	-166	28	-69
Wet Water Years	45	-63	73	27	-17	0	-23	9	12	-134	-26	7
Above Normal Water Years	-94	279	-81	-14	219	-243	22	46	14	-191	-146	79
Below Normal Water Years	-36	1	-29	-73	8	78	92	-49	17	-492	219	-375
Dry Water Years	62	4	-15	236	27	171	73	0	-37	6	-69	-47
Critical Water Years	29	-35	68	-24	230	-149	31	64	45	101	105	97

Table 5A-B3.2.4.4-A. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,799	10,781	25,738	34,082	42,412	28,833	17,980	14,266	14,465	15,841	13,014	11,720
20%	8,984	9,136	18,539	19,158	27,900	20,334	12,292	12,148	12,876	14,899	11,991	10,689
30%	7,935	8,184	12,184	14,377	19,086	15,572	9,539	10,524	12,119	14,645	11,482	8,589
40%	6,764	7,715	9,100	10,770	13,398	9,741	7,868	9,792	11,500	13,899	10,821	8,007
50%	6,216	7,098	7,538	8,396	9,837	8,801	7,322	9,453	10,894	13,520	9,765	7,155
60%	5,507	6,714	6,580	6,823	8,020	7,679	6,897	8,791	10,192	13,162	9,239	6,462
70%	5,021	6,188	6,001	6,163	7,406	7,228	6,344	8,406	9,499	12,299	8,909	5,603
80%	4,860	5,899	5,431	5,317	6,800	6,556	5,738	7,791	9,019	11,353	8,590	5,278
90%	4,553	5,658	4,805	4,775	5,866	5,226	5,105	7,222	8,538	10,622	7,898	5,056

Table 5A-B3.2.4.4-B. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,825	8,098	11,949	14,192	17,940	14,288	9,981	10,219	11,185	13,300	10,219	7,728
Wet Water Years	7,553	9,499	19,970	25,449	32,328	24,546	15,712	11,706	10,894	13,989	11,329	10,226
Above Normal Water Years	6,741	7,950	10,588	17,099	18,940	15,233	9,171	11,987	10,998	13,749	10,647	8,995
Below Normal Water Years	6,911	7,784	9,151	8,400	11,219	9,442	7,544	9,608	11,487	13,700	10,816	6,779
Dry Water Years	6,561	7,521	5,939	6,111	9,419	8,139	6,842	8,988	12,109	13,377	9,239	5,673
Critical Water Years	5,504	6,378	7,196	5,913	6,550	6,138	5,810	7,888	10,436	10,724	7,658	5,130

Table 5A-B3.2.4.4-C. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	20	-230	296	1	44	0	1	0	99	-501	80	0
20%	20	375	153	-369	2	68	-1	-2	-78	-1,151	-258	142
30%	468	-70	-159	4	353	2	-1	-14	0	-174	-17	74
40%	-78	19	-125	0	1,328	-1	56	16	219	-178	116	10
50%	74	-165	-94	153	-66	-51	188	-24	67	-116	-21	-350
60%	-44	-103	-38	97	0	0	229	30	-120	-29	-4	-84
70%	-34	-156	77	11	105	88	107	-1	-282	-37	-6	-58
80%	10	-5	-117	-31	201	2	-41	39	-119	20	22	-16
90%	-136	114	-59	0	8	-103	-1	312	1	-17	119	-26

Table 5A-B3.2.4.4-D. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	62	2	-2	38	117	-49	45	8	-19	-238	32	-5
Wet Water Years	143	-138	33	52	-12	0	-23	11	16	-152	-7	36
Above Normal Water Years	-89	214	-47	-17	322	-213	22	16	13	-342	-60	115
Below Normal Water Years	37	39	39	-82	200	-97	146	-41	-2	-590	241	-286
Dry Water Years	80	65	-76	289	-12	167	84	7	-170	-133	-182	124
Critical Water Years	36	-9	-16	-40	234	-184	8	70	27	101	112	97

Table 5A-B3.2.4.5-A. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,820	10,742	25,722	34,082	42,425	28,834	17,980	14,266	14,464	15,848	12,956	11,715
20%	8,996	9,083	18,415	19,334	27,899	20,840	12,293	12,115	12,959	15,147	12,117	10,657
30%	7,708	8,190	12,686	14,377	19,107	15,573	9,538	10,525	12,120	14,636	11,430	8,486
40%	6,617	7,677	9,112	10,770	13,398	9,741	7,868	9,792	11,505	13,962	10,740	7,888
50%	5,918	7,201	7,606	8,397	9,825	8,802	7,307	9,457	10,894	13,628	9,852	7,230
60%	5,430	6,690	6,579	6,823	7,948	7,679	6,897	8,794	10,206	13,214	9,252	6,287
70%	5,056	6,330	6,001	6,153	7,265	7,228	6,228	8,407	9,716	12,405	8,892	5,425
80%	4,884	5,886	5,373	5,252	6,699	6,556	5,727	7,801	9,086	11,437	8,577	5,239
90%	4,568	5,607	4,782	4,789	5,741	5,225	5,104	7,084	8,539	10,758	7,892	5,041

Table 5A-B3.2.4.5-B. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,766	8,103	11,960	14,186	17,878	14,333	9,970	10,218	11,214	13,379	10,220	7,662
Wet Water Years	7,451	9,573	20,005	25,437	32,333	24,546	15,712	11,703	10,891	14,007	11,310	10,197
Above Normal Water Years	6,736	8,011	10,553	17,102	18,834	15,201	9,170	12,016	10,999	13,963	10,575	8,881
Below Normal Water Years	6,838	7,729	9,082	8,409	11,043	9,617	7,490	9,600	11,506	13,798	10,804	6,727
Dry Water Years	6,562	7,459	5,998	6,058	9,458	8,143	6,831	8,980	12,245	13,512	9,359	5,499
Critical Water Years	5,447	6,353	7,264	5,948	6,448	6,187	5,831	7,882	10,456	10,720	7,647	5,130

Table 5A-B3.2.4.5-C. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	42	-269	281	1	57	1	1	0	98	-494	22	-5
20%	32	322	28	-192	1	575	0	-34	5	-902	-132	110
30%	241	-64	343	4	374	2	-2	-12	1	-184	-68	-29
40%	-224	-20	-114	0	1,328	-1	56	16	224	-115	36	-109
50%	-224	-62	-26	154	-78	-50	173	-19	67	-8	67	-275
60%	-121	-126	-40	97	-72	0	229	33	-105	24	10	-259
70%	2	-13	77	1	-35	88	-9	-1	-65	68	-23	-236
80%	33	-19	-175	-97	100	2	-53	49	-52	104	10	-56
90%	-121	63	-82	14	-117	-103	-2	175	2	119	113	-41

Table 5A-B3.2.4.5-D. Sacramento River above Bend Bridge Monthly Flow (C_SAC257), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	7	9	33	56	-4	34	7	11	-159	33	-71
Wet Water Years	41	-63	68	40	-6	0	-23	9	12	-134	-26	7
Above Normal Water Years	-94	275	-82	-14	215	-244	21	45	14	-127	-132	1
Below Normal Water Years	-35	-15	-30	-73	25	78	92	-49	17	-492	229	-338
Dry Water Years	81	4	-17	236	27	171	73	0	-34	2	-61	-50
Critical Water Years	-21	-34	52	-6	133	-135	30	65	47	97	102	98

B.2.5 Sacramento River at Wilkins Slough

Figure 5A-B3.2.5.1-A. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Probability of Exceedance for Existing Conditions, October to March

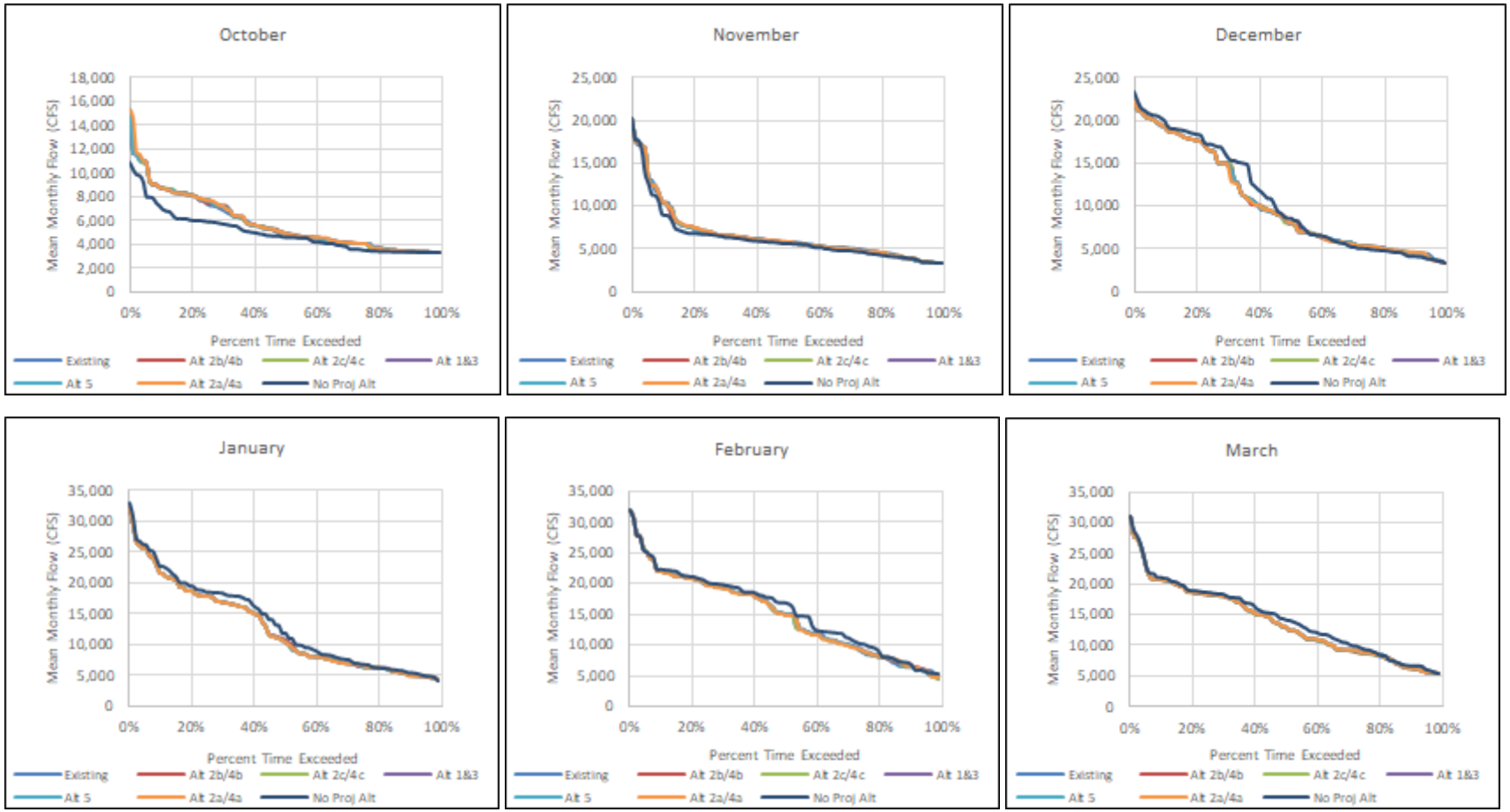


Figure 5A-B3.2.5.1-B. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Probability of Exceedance for Existing Conditions, April to September

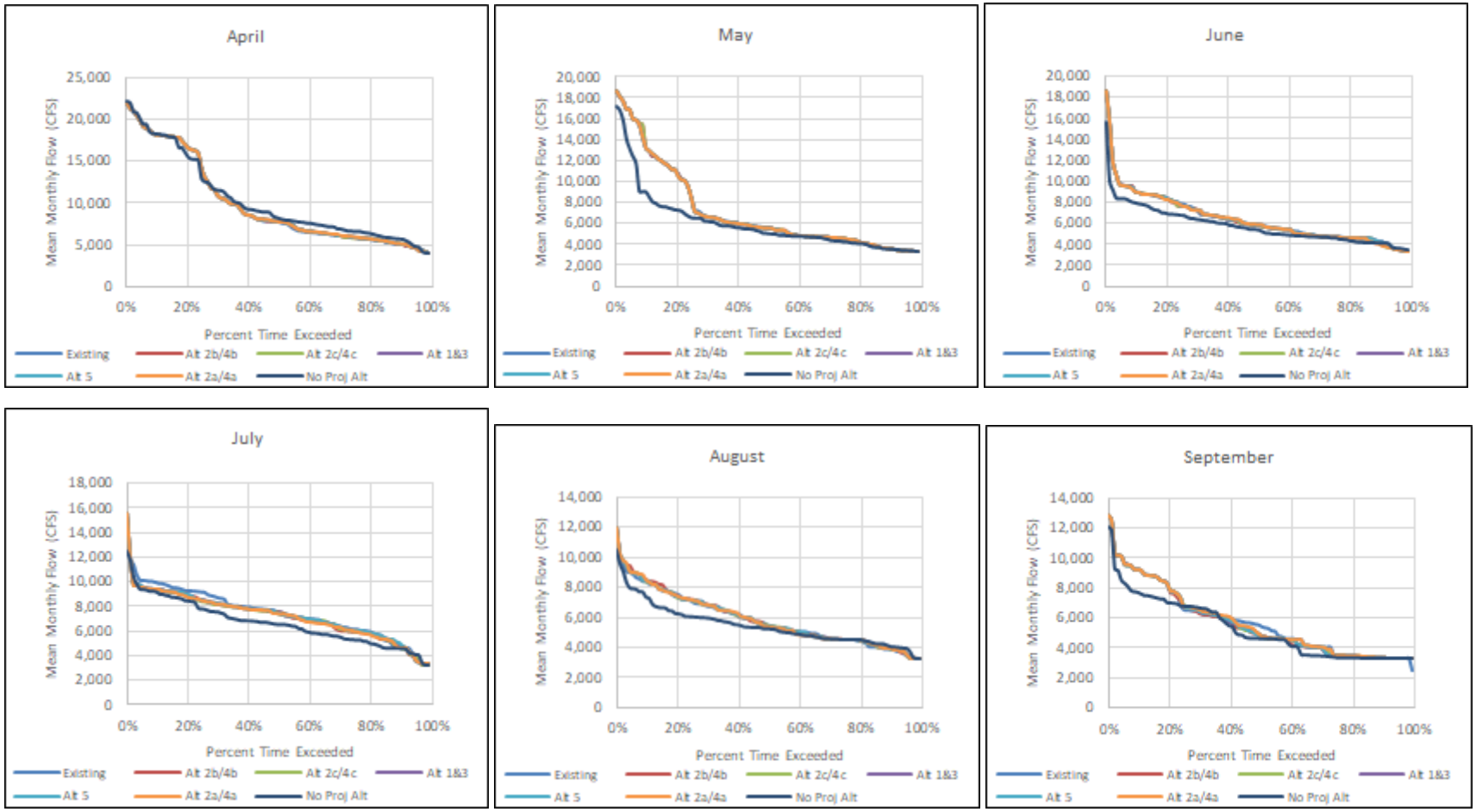


Table 5A-B3.2.5.1-A. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,719	10,460	19,122	21,727	21,951	20,699	18,186	13,174	9,003	9,909	8,337	9,213
20%	8,044	7,285	17,673	18,743	20,774	18,694	16,799	10,882	8,425	9,259	7,533	7,971
30%	6,873	6,545	15,062	16,909	19,271	18,063	11,018	6,615	7,304	8,687	6,750	6,446
40%	5,651	6,203	10,020	15,246	18,113	15,338	8,648	5,999	6,429	7,902	6,184	5,956
50%	4,925	5,786	8,090	10,526	14,985	12,954	7,800	5,584	5,817	7,550	5,463	5,443
60%	4,517	5,352	6,628	8,021	11,718	10,788	6,613	4,829	5,456	6,929	5,061	4,568
70%	4,109	5,036	5,778	6,888	10,105	9,169	6,200	4,656	4,800	6,310	4,564	4,025
80%	3,639	4,576	5,272	6,215	8,165	8,287	5,800	4,261	4,658	5,903	4,509	3,414
90%	3,417	3,851	4,612	5,062	6,418	6,301	5,147	3,560	4,296	4,595	3,851	3,287

Table 5A-B3.2.5.1-B. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5,789	6,615	10,405	12,641	14,871	13,749	9,991	7,088	6,488	7,469	5,878	5,733
Wet Water Years	6,687	8,250	15,520	18,733	20,580	18,711	14,836	9,911	6,885	8,194	6,900	8,028
Above Normal Water Years	5,916	6,339	10,855	16,145	17,053	16,027	10,687	8,537	6,502	7,607	6,260	6,501
Below Normal Water Years	5,746	6,419	8,410	10,437	12,436	11,897	8,302	5,939	6,136	7,826	6,092	5,237
Dry Water Years	5,341	5,916	6,088	6,743	12,096	10,296	6,639	4,959	6,838	7,312	5,100	3,715
Critical Water Years	4,333	4,455	7,124	6,792	7,764	8,022	5,500	4,033	5,778	5,411	3,910	3,241

Table 5A-B3.2.5.1-C. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,719	10,459	19,141	21,726	21,951	20,700	18,185	13,177	9,005	9,423	8,490	9,214
20%	8,098	7,495	17,678	18,746	20,774	18,660	16,806	10,884	8,424	8,961	7,420	7,917
30%	7,206	6,496	15,060	16,911	19,294	18,063	11,022	6,622	7,355	8,229	6,855	6,277
40%	5,585	6,091	10,189	15,150	18,113	15,339	8,649	5,972	6,434	7,843	6,095	5,730
50%	4,837	5,719	8,115	10,867	14,984	12,947	7,857	5,535	5,824	7,532	5,413	4,812
60%	4,513	5,263	6,429	8,022	11,722	10,925	6,709	4,834	5,457	6,882	5,003	4,243
70%	4,106	5,000	5,759	6,923	10,066	9,172	6,153	4,656	4,840	6,122	4,553	3,979
80%	3,628	4,576	4,999	6,225	8,175	8,494	5,823	4,261	4,651	5,809	4,482	3,416
90%	3,389	3,843	4,610	5,063	6,642	6,300	5,193	3,560	4,143	4,878	3,943	3,299

Table 5A-B3.2.5.1-D. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5,805	6,584	10,378	12,680	14,906	13,767	10,019	7,101	6,460	7,310	5,935	5,619
Wet Water Years	6,724	8,203	15,534	18,734	20,579	18,711	14,833	9,953	6,860	8,133	6,851	7,986
Above Normal Water Years	5,883	6,414	10,910	16,140	17,110	16,018	10,678	8,546	6,473	7,275	6,222	6,473
Below Normal Water Years	5,751	6,416	8,383	10,392	12,507	11,898	8,371	5,905	6,121	7,391	6,419	4,802
Dry Water Years	5,396	5,848	6,024	7,089	12,088	10,400	6,652	4,953	6,790	7,351	5,081	3,691
Critical Water Years	4,321	4,367	6,984	6,730	7,850	8,027	5,575	4,089	5,747	5,404	3,939	3,303

Table 5A-B3.2.5.1-E. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	19	0	0	1	0	3	3	-486	154	1
20%	54	210	5	3	0	-34	8	2	-1	-299	-113	-54
30%	333	-49	-3	2	23	0	3	7	51	-457	105	-169
40%	-67	-112	169	-96	0	0	1	-26	5	-59	-89	-225
50%	-88	-67	25	341	-1	-6	58	-49	7	-17	-50	-631
60%	-4	-89	-199	0	4	137	96	5	0	-47	-58	-324
70%	-3	-36	-19	35	-38	2	-47	0	40	-188	-11	-46
80%	-11	0	-273	10	9	207	22	0	-6	-94	-26	2
90%	-28	-8	-3	1	224	-1	46	0	-154	283	92	12

Table 5A-B3.2.5.1-F. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	16	-31	-27	39	35	18	28	14	-28	-158	57	-114
Wet Water Years	36	-46	14	1	-1	0	-3	42	-25	-62	-49	-43
Above Normal Water Years	-33	75	55	-5	57	-9	-8	9	-29	-333	-38	-28
Below Normal Water Years	5	-3	-27	-45	71	1	69	-34	-15	-435	326	-435
Dry Water Years	54	-68	-64	346	-8	104	13	-5	-48	39	-19	-24
Critical Water Years	-12	-88	-140	-62	86	5	76	56	-31	-7	29	62

Table 5A-B3.2.5.2-A. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,739	10,459	19,141	21,726	21,950	20,699	18,185	13,175	9,007	9,378	8,374	9,214
20%	8,098	7,403	17,679	18,745	20,773	18,625	16,781	10,776	8,400	8,867	7,319	8,017
30%	7,101	6,563	15,058	16,910	19,288	18,062	11,023	6,621	7,337	8,168	6,833	6,524
40%	5,557	6,091	10,188	15,284	18,111	15,338	8,653	5,996	6,505	7,845	6,098	5,806
50%	4,909	5,774	8,075	10,527	14,984	12,948	7,866	5,533	5,878	7,503	5,452	4,820
60%	4,513	5,262	6,601	8,020	11,722	10,924	6,709	4,830	5,456	7,015	5,024	4,515
70%	4,066	5,027	5,763	6,977	10,097	9,172	6,153	4,656	4,839	6,291	4,560	4,003
80%	3,606	4,534	5,072	6,235	8,171	8,516	5,827	4,261	4,651	5,917	4,510	3,416
90%	3,387	3,851	4,611	5,070	6,591	6,299	5,271	3,560	4,182	4,782	3,916	3,299

Table 5A-B3.2.5.2-B. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5,800	6,610	10,388	12,657	14,871	13,770	10,029	7,102	6,471	7,323	5,908	5,661
Wet Water Years	6,736	8,208	15,534	18,730	20,577	18,711	14,833	9,961	6,867	8,091	6,882	8,033
Above Normal Water Years	5,837	6,593	10,801	16,153	17,076	16,009	10,672	8,533	6,474	7,461	6,066	6,513
Below Normal Water Years	5,688	6,423	8,383	10,380	12,353	11,908	8,380	5,901	6,133	7,348	6,331	4,871
Dry Water Years	5,404	5,899	6,106	6,955	12,108	10,419	6,702	4,952	6,789	7,358	5,066	3,724
Critical Water Years	4,392	4,309	7,053	6,745	7,871	8,020	5,580	4,092	5,790	5,479	3,980	3,303

Table 5A-B3.2.5.2-C. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	20	0	19	-1	-1	0	0	1	4	-531	37	1
20%	54	117	6	2	0	-69	-18	-106	-25	-392	-213	46
30%	228	18	-5	1	17	0	5	6	33	-518	83	78
40%	-94	-112	168	38	-1	0	4	-3	75	-57	-86	-150
50%	-16	-12	-15	1	-1	-6	66	-51	62	-47	-10	-622
60%	-4	-89	-27	-2	3	136	96	1	0	86	-36	-53
70%	-43	-9	-14	89	-7	3	-47	0	39	-19	-4	-22
80%	-33	-42	-200	19	6	229	27	0	-6	14	1	2
90%	-31	0	-1	8	173	-3	124	0	-114	187	65	12

Table 5A-B3.2.5.2-D. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	12	-5	-16	16	1	21	38	14	-17	-146	30	-72
Wet Water Years	49	-42	14	-2	-3	0	-3	50	-18	-104	-18	5
Above Normal Water Years	-79	254	-54	8	23	-19	-15	-3	-29	-146	-194	12
Below Normal Water Years	-58	4	-27	-57	-83	11	78	-38	-3	-478	239	-365
Dry Water Years	63	-17	18	212	12	124	63	-6	-49	46	-35	8
Critical Water Years	59	-147	-71	-47	107	-2	80	59	12	67	70	62

Table 5A-B3.2.5.3-A. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,719	10,474	19,141	21,726	21,950	20,701	18,185	13,176	9,005	9,359	8,439	9,214
20%	8,098	7,397	17,679	18,745	20,774	18,613	16,769	10,780	8,412	8,979	7,375	7,972
30%	7,106	6,611	14,792	16,911	19,326	18,063	11,023	6,619	7,290	8,214	6,787	6,420
40%	5,520	6,172	10,128	15,218	18,112	15,338	8,653	6,022	6,448	7,801	6,161	5,678
50%	4,908	5,793	8,139	10,527	14,984	12,930	7,866	5,532	5,923	7,403	5,360	4,818
60%	4,474	5,241	6,569	8,018	11,721	10,925	6,707	4,823	5,457	6,966	4,976	4,524
70%	4,066	4,974	5,784	6,979	10,097	9,174	6,193	4,656	4,839	6,367	4,584	3,972
80%	3,639	4,534	5,069	6,235	8,263	8,516	5,829	4,261	4,651	5,855	4,438	3,411
90%	3,389	3,843	4,604	5,135	6,646	6,231	5,198	3,560	4,338	4,802	3,952	3,299

Table 5A-B3.2.5.3-B. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5,805	6,614	10,391	12,661	14,906	13,751	10,026	7,088	6,494	7,304	5,903	5,651
Wet Water Years	6,732	8,196	15,511	18,730	20,579	18,711	14,833	9,917	6,890	8,069	6,875	8,033
Above Normal Water Years	5,837	6,609	10,828	16,148	17,114	16,007	10,695	8,534	6,517	7,421	6,124	6,562
Below Normal Water Years	5,716	6,417	8,376	10,374	12,422	11,907	8,381	5,903	6,149	7,333	6,305	4,840
Dry Water Years	5,410	5,921	6,067	6,971	12,123	10,423	6,712	4,965	6,809	7,327	5,032	3,671
Critical Water Years	4,380	4,329	7,154	6,762	7,945	7,892	5,523	4,078	5,805	5,489	3,994	3,303

Table 5A-B3.2.5.3-C. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	15	19	0	-1	2	0	2	2	-550	102	1
20%	54	111	6	2	0	-81	-30	-102	-13	-281	-158	1
30%	233	66	-270	2	55	0	5	5	-14	-472	37	-26
40%	-131	-31	108	-28	-1	0	5	23	19	-101	-23	-277
50%	-17	7	49	1	-1	-24	66	-51	106	-146	-103	-625
60%	-43	-111	-59	-3	3	136	94	-5	1	37	-84	-44
70%	-43	-63	6	91	-7	5	-6	0	39	57	20	-53
80%	0	-42	-203	19	98	229	28	0	-6	-48	-70	-4
90%	-28	-8	-8	73	228	-70	51	0	42	207	101	12

Table 5A-B3.2.5.3-D. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	16	-1	-14	19	36	2	35	1	6	-165	25	-82
Wet Water Years	45	-54	-9	-3	-1	0	-2	6	6	-125	-25	5
Above Normal Water Years	-79	270	-27	3	61	-20	8	-2	14	-186	-136	62
Below Normal Water Years	-30	-3	-34	-63	-14	10	79	-37	13	-493	212	-397
Dry Water Years	68	5	-21	229	27	127	73	7	-29	15	-68	-45
Critical Water Years	47	-126	29	-30	180	-130	23	45	27	78	84	62

Table 5A-B3.2.5.4-A. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,721	10,498	19,163	21,727	21,952	20,701	18,186	13,179	9,003	9,382	8,455	9,216
20%	8,084	7,476	17,679	18,746	20,774	18,631	16,765	10,762	8,312	8,739	7,421	7,993
30%	7,189	6,606	14,792	16,910	19,324	18,063	11,023	6,619	7,287	8,147	6,825	6,540
40%	5,596	6,098	10,158	15,207	18,112	15,339	8,654	5,995	6,581	7,771	6,252	6,032
50%	4,907	5,820	8,164	10,529	14,984	12,950	7,867	5,532	5,929	7,373	5,349	4,818
60%	4,527	5,254	6,564	8,020	11,722	10,926	6,705	4,818	5,460	6,711	4,844	4,529
70%	4,103	4,927	5,647	6,897	10,097	9,175	6,328	4,656	4,841	6,266	4,561	4,007
80%	3,617	4,572	5,173	6,280	8,440	8,454	5,833	4,261	4,652	5,684	4,486	3,416
90%	3,354	3,851	4,723	5,061	6,723	6,231	5,248	3,560	4,106	4,624	3,933	3,299

Table 5A-B3.2.5.4-B. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5,858	6,621	10,367	12,663	14,955	13,744	10,035	7,088	6,465	7,227	5,901	5,708
Wet Water Years	6,832	8,162	15,462	18,731	20,579	18,712	14,834	9,920	6,893	8,053	6,890	8,061
Above Normal Water Years	5,841	6,548	10,873	16,147	17,127	16,013	10,697	8,529	6,514	7,268	6,201	6,601
Below Normal Water Years	5,780	6,457	8,410	10,366	12,616	11,888	8,428	5,901	6,128	7,223	6,315	4,924
Dry Water Years	5,441	5,986	6,023	6,997	12,128	10,427	6,711	4,963	6,684	7,176	4,917	3,808
Critical Water Years	4,383	4,367	7,055	6,757	7,949	7,864	5,507	4,078	5,788	5,487	3,999	3,303

Table 5A-B3.2.5.4-C. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2	38	41	0	1	2	0	5	0	-527	118	3
20%	40	191	6	2	0	-64	-34	-120	-113	-520	-111	22
30%	317	61	-270	1	53	0	5	4	-17	-539	75	94
40%	-56	-105	138	-39	-1	1	6	-4	151	-132	67	76
50%	-18	34	74	3	-1	-3	67	-52	113	-177	-114	-625
60%	9	-98	-64	-2	3	138	92	-11	4	-218	-216	-39
70%	-6	-110	-131	9	-7	6	129	0	41	-44	-3	-18
80%	-22	-4	-100	65	275	167	33	0	-5	-219	-23	2
90%	-63	0	110	-2	305	-70	101	0	-190	29	82	12

Table 5A-B3.2.5.4-D. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	69	6	-38	21	84	-5	43	0	-22	-242	24	-25
Wet Water Years	145	-88	-59	-1	-1	1	-2	9	9	-142	-9	32
Above Normal Water Years	-75	209	18	2	74	-14	10	-8	11	-340	-59	101
Below Normal Water Years	34	38	-1	-71	180	-9	126	-38	-8	-603	223	-313
Dry Water Years	100	70	-65	255	32	131	72	5	-153	-137	-184	92
Critical Water Years	49	-88	-69	-34	185	-158	8	46	10	75	89	62

Table 5A-B3.2.5.5-A. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,719	10,459	19,141	21,726	21,950	20,700	18,185	13,176	9,005	9,359	8,438	9,214
20%	8,098	7,396	17,679	18,745	20,774	18,612	16,769	10,779	8,412	8,978	7,375	7,972
30%	7,105	6,611	14,793	16,911	19,326	18,063	11,023	6,619	7,290	8,214	6,787	6,420
40%	5,520	6,172	10,126	15,218	18,112	15,338	8,653	6,022	6,448	7,782	6,161	5,840
50%	4,837	5,775	8,138	10,527	14,984	12,934	7,866	5,532	5,923	7,389	5,360	4,762
60%	4,472	5,241	6,567	8,018	11,721	10,925	6,707	4,823	5,457	6,966	5,020	4,524
70%	4,066	4,927	5,783	6,979	10,097	9,174	6,193	4,656	4,839	6,368	4,554	3,971
80%	3,639	4,534	5,069	6,235	8,263	8,516	5,829	4,261	4,651	5,856	4,439	3,411
90%	3,389	3,843	4,588	5,135	6,498	6,231	5,198	3,560	4,338	5,006	3,952	3,299

Table 5A-B3.2.5.5-B. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5,798	6,604	10,389	12,662	14,895	13,753	10,026	7,088	6,494	7,310	5,908	5,650
Wet Water Years	6,729	8,184	15,508	18,731	20,580	18,711	14,833	9,917	6,890	8,070	6,875	8,033
Above Normal Water Years	5,837	6,605	10,828	16,147	17,112	16,007	10,695	8,534	6,517	7,478	6,138	6,493
Below Normal Water Years	5,713	6,393	8,375	10,374	12,423	11,907	8,381	5,903	6,149	7,332	6,317	4,877
Dry Water Years	5,426	5,922	6,066	6,972	12,123	10,422	6,712	4,966	6,812	7,324	5,040	3,668
Critical Water Years	4,330	4,330	7,149	6,766	7,863	7,901	5,522	4,078	5,807	5,485	3,990	3,303

Table 5A-B3.2.5.5-C. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	-1	19	0	-1	1	-1	2	2	-550	102	1
20%	54	110	6	2	0	-82	-30	-103	-13	-281	-158	1
30%	232	66	-269	2	55	0	5	4	-14	-472	37	-26
40%	-131	-31	106	-28	-1	0	5	23	19	-121	-23	-115
50%	-88	-11	48	1	-1	-19	66	-51	106	-161	-102	-681
60%	-45	-111	-60	-3	3	136	94	-5	1	37	-41	-44
70%	-43	-110	5	91	-7	4	-6	0	39	58	-10	-54
80%	0	-42	-203	19	98	229	29	0	-6	-47	-69	-4
90%	-28	-8	-25	73	80	-70	51	0	42	411	101	12

Table 5A-B3.2.5.5-D. Sacramento River at Wilkins Slough Monthly Flow (C_SAC120), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	9	-11	-16	20	24	3	35	1	7	-159	31	-82
Wet Water Years	42	-66	-12	-1	0	0	-2	6	6	-125	-25	5
Above Normal Water Years	-79	266	-27	2	59	-21	8	-2	14	-129	-122	-8
Below Normal Water Years	-33	-26	-35	-63	-12	11	79	-37	13	-494	225	-360
Dry Water Years	85	6	-22	229	27	126	73	7	-26	12	-60	-47
Critical Water Years	-4	-125	25	-26	99	-121	22	45	29	73	80	62

B.2.6 Sacramento River at Verona

Figure 5A-B3.2.6.1-A. Sacramento River at Verona Monthly Flow (C_SAC081), Probability of Exceedance for Existing Conditions, October to March

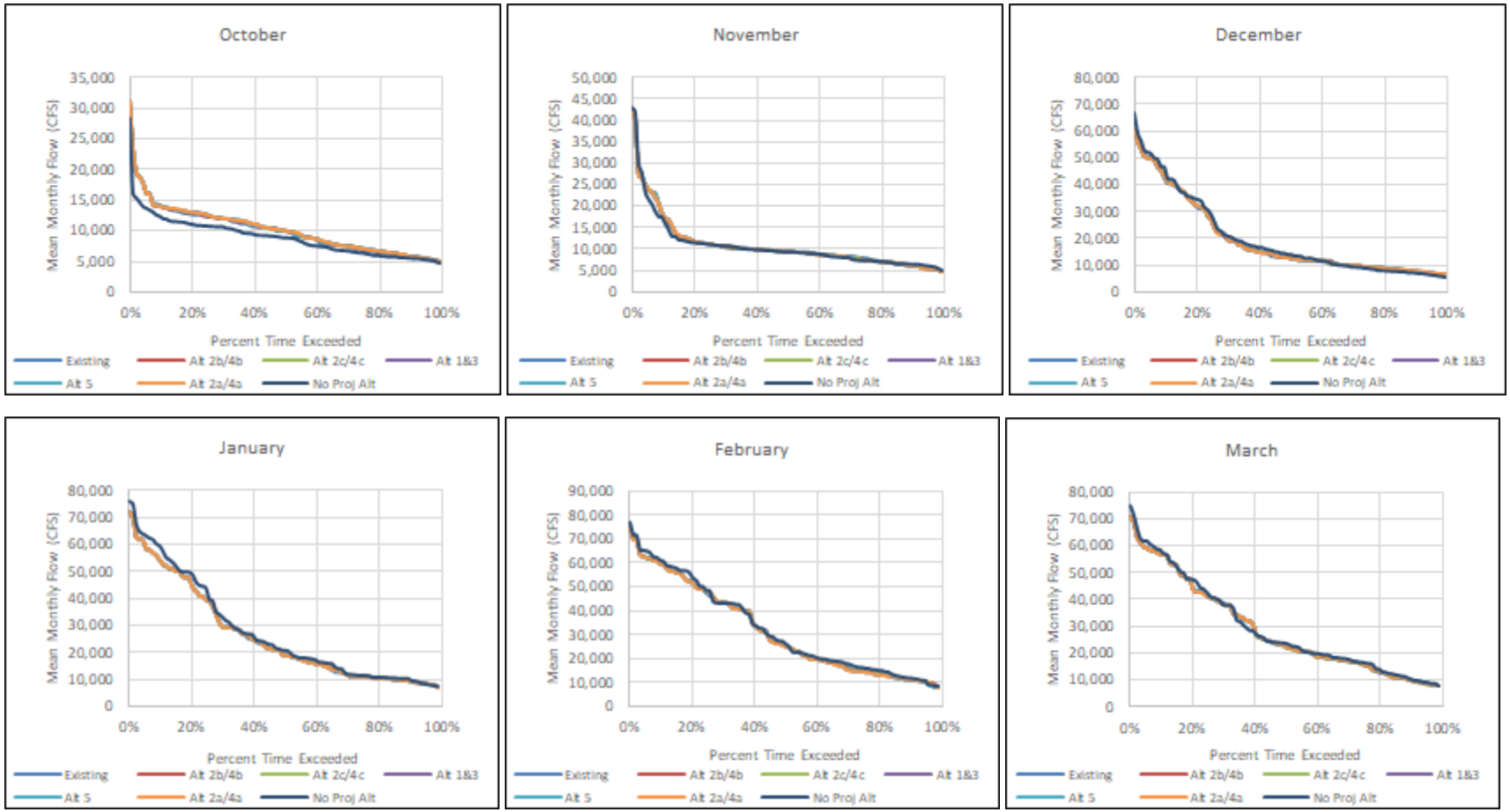


Figure 5A-B3.2.6.1-B. Sacramento River at Verona Monthly Flow (C_SAC081), Probability of Exceedance for Existing Conditions, April to September

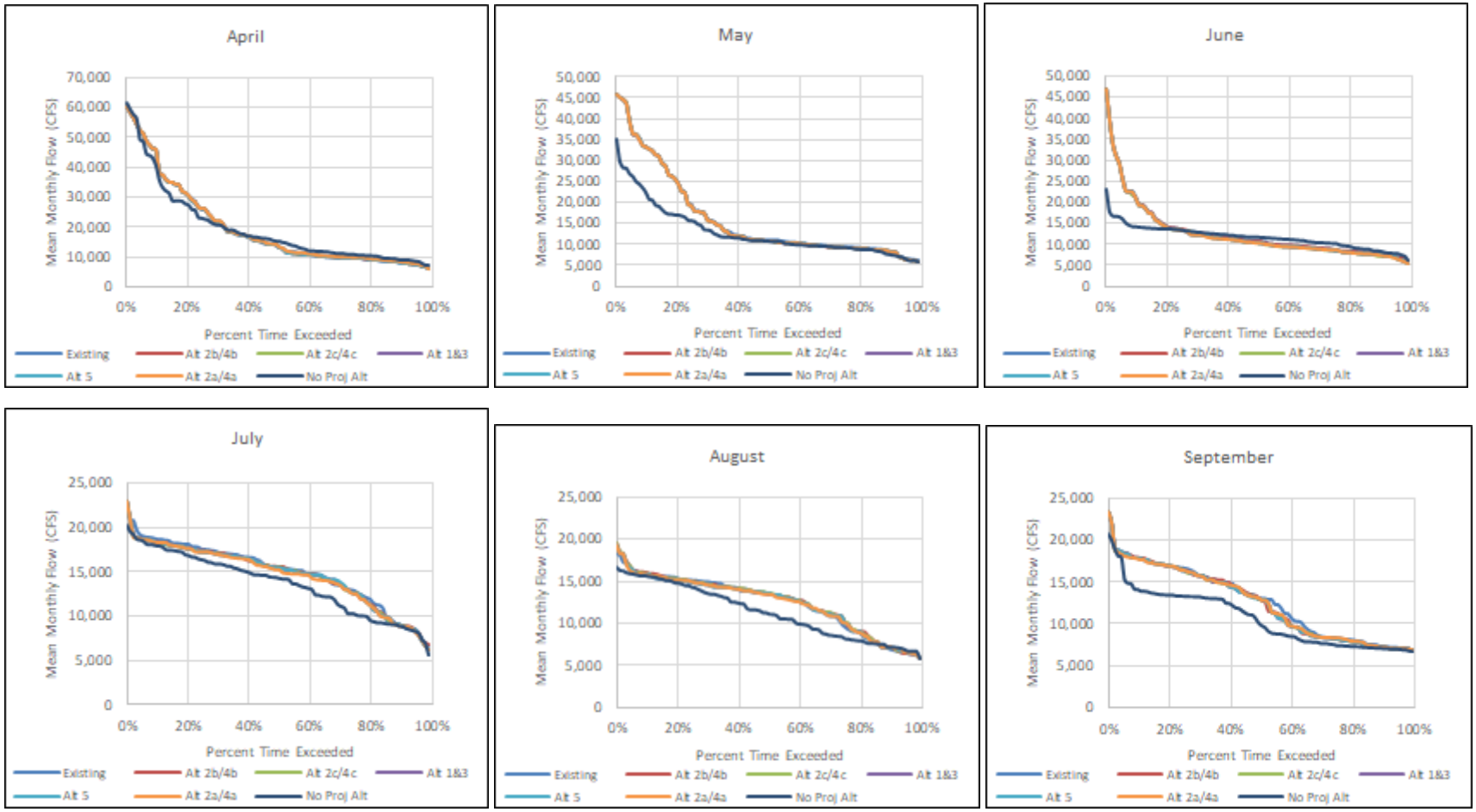


Table 5A-B3.2.6.1-A. Sacramento River at Verona Monthly Flow (C_SAC081), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	14,030	17,602	42,006	54,000	59,480	56,716	43,493	33,079	20,593	18,749	15,899	17,780
20%	12,607	11,719	32,058	45,828	51,804	44,801	30,826	24,904	14,099	18,187	15,443	16,862
30%	11,964	10,337	19,409	29,741	43,385	38,702	21,822	16,109	12,340	17,310	15,001	15,676
40%	10,598	9,760	15,191	24,908	34,516	29,671	16,918	12,063	11,197	16,714	14,270	14,785
50%	9,900	9,399	12,562	19,314	25,832	22,417	13,592	10,884	10,565	15,469	13,555	12,993
60%	8,636	8,745	11,495	16,026	19,791	18,831	10,820	10,280	9,567	14,881	12,734	10,751
70%	7,508	8,127	9,634	12,296	17,068	16,757	9,837	9,472	8,953	13,562	10,926	8,453
80%	6,382	7,072	8,900	10,628	13,943	12,978	9,041	9,140	8,107	12,030	8,925	8,057
90%	5,720	5,996	7,653	9,699	11,428	10,087	8,316	8,349	7,705	9,008	6,975	7,302

Table 5A-B3.2.6.1-B. Sacramento River at Verona Monthly Flow (C_SAC081), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10,119	10,937	19,342	26,333	31,690	28,767	19,582	16,000	12,572	14,995	12,538	12,679
Wet Water Years	12,008	14,596	32,089	43,292	50,785	45,390	33,886	24,810	16,736	16,376	14,032	16,773
Above Normal Water Years	10,063	10,326	17,390	33,554	37,168	35,198	19,635	19,767	13,699	16,988	15,632	15,892
Below Normal Water Years	9,845	10,131	14,813	18,399	22,673	21,575	13,698	11,754	9,899	16,284	14,494	12,087
Dry Water Years	9,372	9,120	10,272	12,515	20,643	17,526	10,742	9,819	10,823	14,457	9,635	8,152
Critical Water Years	7,403	6,964	11,180	12,059	12,870	11,784	8,235	7,629	8,881	8,917	6,925	7,260

Table 5A-B3.2.6.1-C. Sacramento River at Verona Monthly Flow (C_SAC081), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13,917	17,967	42,408	54,055	59,478	56,698	43,334	33,082	20,598	18,378	15,972	17,878
20%	12,859	11,726	32,279	45,612	51,841	44,793	30,829	24,903	14,100	17,695	15,198	16,840
30%	11,893	10,364	19,695	29,835	43,443	38,045	21,847	16,107	12,429	17,157	14,585	15,736
40%	10,980	9,837	14,735	24,947	34,536	29,672	16,910	11,970	11,330	16,315	14,088	14,842
50%	9,883	9,216	12,564	19,113	25,552	22,465	13,641	10,918	10,481	15,619	13,483	12,975
60%	8,636	8,620	11,607	16,048	20,032	18,816	10,741	10,324	9,570	14,805	12,707	9,940
70%	7,505	8,118	9,827	12,307	15,944	17,010	9,846	9,461	8,986	13,622	11,224	8,454
80%	6,598	6,902	8,643	10,660	13,509	13,273	9,165	9,076	8,189	11,474	9,044	7,987
90%	5,677	6,033	7,638	9,729	11,430	10,088	8,661	8,530	7,387	8,973	7,088	7,301

Table 5A-B3.2.6.1-D. Sacramento River at Verona Monthly Flow (C_SAC081), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10,206	10,917	19,351	26,397	31,704	28,813	19,610	15,992	12,577	14,780	12,522	12,569
Wet Water Years	12,095	14,545	32,178	43,338	50,778	45,402	33,870	24,819	16,741	16,251	13,810	16,757
Above Normal Water Years	10,448	10,390	17,398	33,503	37,286	35,187	19,584	19,763	13,660	16,326	15,470	15,833
Below Normal Water Years	9,783	10,109	14,755	18,424	22,633	21,614	13,811	11,675	9,947	16,083	14,488	11,626
Dry Water Years	9,551	9,151	10,245	12,850	20,657	17,731	10,741	9,807	10,811	14,283	10,016	8,176
Critical Water Years	7,366	6,885	11,166	12,017	12,928	11,779	8,321	7,698	8,880	8,822	7,008	7,298

Table 5A-B3.2.6.1-E. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-113	365	403	55	-2	-18	-159	3	5	-370	73	98
20%	252	7	221	-216	38	-8	3	-1	1	-491	-245	-22
30%	-70	27	286	94	57	-656	25	-2	89	-153	-417	60
40%	382	77	-456	39	20	0	-8	-94	133	-399	-181	58
50%	-17	-183	2	-200	-280	49	49	33	-84	149	-72	-18
60%	1	-125	112	22	241	-15	-78	44	3	-76	-27	-811
70%	-3	-9	193	10	-1,124	253	9	-11	33	60	298	1
80%	217	-170	-257	32	-434	295	124	-64	82	-555	119	-70
90%	-43	37	-15	30	3	2	345	181	-319	-35	113	0

Table 5A-B3.2.6.1-F. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	87	-20	9	65	15	46	27	-8	6	-215	-16	-110
Wet Water Years	87	-51	89	46	-7	12	-16	9	5	-125	-222	-15
Above Normal Water Years	385	64	9	-50	119	-10	-51	-4	-39	-663	-163	-59
Below Normal Water Years	-62	-23	-58	25	-40	39	113	-79	48	-201	-7	-461
Dry Water Years	178	30	-27	335	14	205	-2	-12	-12	-174	381	25
Critical Water Years	-37	-78	-14	-42	58	-5	86	69	-1	-95	83	38

Table 5A-B3.2.6.2-A. Sacramento River at Verona Monthly Flow (C_SAC081), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13,955	18,072	42,308	54,105	59,669	56,698	43,334	33,082	20,588	18,384	15,815	17,798
20%	12,947	11,718	32,442	45,612	51,821	45,027	30,832	24,904	14,100	17,718	15,217	16,902
30%	11,927	10,444	19,640	29,834	43,470	38,022	21,848	16,035	12,415	17,122	14,620	15,789
40%	11,004	9,821	15,231	24,944	34,536	29,671	16,909	11,965	11,328	16,561	14,119	14,508
50%	9,911	9,224	12,563	19,501	25,540	22,464	13,673	10,917	10,474	15,604	13,551	12,929
60%	8,634	8,664	11,476	16,044	19,911	18,815	10,819	10,330	9,573	14,855	12,684	9,874
70%	7,472	8,089	9,833	12,303	15,925	17,007	9,900	9,626	8,933	13,789	11,279	8,501
80%	6,683	6,996	8,821	10,673	13,721	13,375	9,379	9,075	8,187	11,507	8,974	7,985
90%	5,720	6,040	7,490	9,589	11,429	10,083	8,625	8,516	7,390	9,102	7,052	7,304

Table 5A-B3.2.6.2-B. Sacramento River at Verona Monthly Flow (C_SAC081), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10,243	10,953	19,343	26,375	31,690	28,812	19,623	16,001	12,583	14,806	12,502	12,537
Wet Water Years	12,116	14,568	32,154	43,316	50,798	45,403	33,862	24,828	16,755	16,221	13,862	16,681
Above Normal Water Years	10,442	10,587	17,291	33,572	37,215	35,141	19,572	19,768	13,656	16,529	15,407	15,623
Below Normal Water Years	9,845	10,111	14,712	18,415	22,566	21,641	13,814	11,696	9,937	15,991	14,326	11,679
Dry Water Years	9,547	9,199	10,331	12,706	20,666	17,730	10,830	9,809	10,786	14,421	10,023	8,216
Critical Water Years	7,480	6,846	11,225	12,033	12,943	11,769	8,330	7,696	8,939	8,875	7,061	7,299

Table 5A-B3.2.6.2-C. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-75	470	303	105	189	-18	-159	2	-5	-365	-84	19
20%	340	-1	384	-216	17	227	6	0	1	-469	-225	40
30%	-37	106	231	93	85	-679	26	-74	75	-188	-381	113
40%	406	61	40	36	20	-1	-9	-99	131	-153	-151	-276
50%	11	-175	1	187	-292	47	81	32	-91	135	-3	-64
60%	-2	-80	-19	19	120	-16	-1	50	5	-26	-50	-877
70%	-36	-38	200	7	-1,143	250	63	154	-20	227	353	48
80%	302	-76	-80	45	-223	397	338	-65	80	-523	49	-72
90%	0	44	-163	-110	1	-4	309	167	-316	94	76	3

Table 5A-B3.2.6.2-D. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	124	15	1	42	0	45	40	1	12	-189	-36	-142
Wet Water Years	108	-28	65	24	14	13	-24	19	19	-155	-170	-92
Above Normal Water Years	379	260	-98	18	47	-57	-63	1	-43	-459	-225	-269
Below Normal Water Years	1	-20	-101	15	-107	66	115	-58	38	-293	-169	-408
Dry Water Years	175	79	59	191	23	204	88	-9	-37	-36	388	64
Critical Water Years	77	-118	45	-26	73	-15	94	67	58	-42	135	39

Table 5A-B3.2.6.3-A. Sacramento River at Verona Monthly Flow (C_SAC081), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13,941	18,036	42,546	54,260	59,643	56,699	43,335	33,081	20,587	18,380	15,823	17,809
20%	12,932	11,718	32,244	45,612	51,830	45,020	30,831	24,904	14,101	17,697	15,135	16,901
30%	11,890	10,698	19,565	29,829	43,471	38,023	21,847	16,038	12,370	17,001	14,620	15,761
40%	11,042	9,911	14,761	24,944	34,537	29,672	16,909	11,976	11,323	16,584	14,076	14,447
50%	9,904	9,215	12,569	19,192	25,554	22,465	13,677	10,917	10,493	15,505	13,498	13,010
60%	8,636	8,663	11,501	16,035	19,966	18,816	10,825	10,322	9,560	14,791	12,637	9,815
70%	7,425	8,106	9,840	12,303	15,929	17,008	10,017	9,596	8,945	13,778	11,147	8,451
80%	6,693	6,977	8,903	10,674	13,469	13,383	9,404	9,076	8,186	11,473	8,995	8,023
90%	5,746	6,044	7,630	9,622	11,424	10,084	8,290	8,425	7,751	9,111	7,094	7,309

Table 5A-B3.2.6.3-B. Sacramento River at Verona Monthly Flow (C_SAC081), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10,248	10,947	19,339	26,379	31,716	28,806	19,625	15,998	12,595	14,786	12,478	12,520
Wet Water Years	12,097	14,549	32,143	43,327	50,808	45,403	33,854	24,816	16,778	16,179	13,836	16,671
Above Normal Water Years	10,431	10,575	17,311	33,549	37,279	35,141	19,594	19,771	13,704	16,467	15,370	15,727
Below Normal Water Years	9,876	10,107	14,671	18,408	22,565	21,636	13,826	11,692	9,956	15,993	14,343	11,609
Dry Water Years	9,560	9,196	10,269	12,724	20,680	17,736	10,873	9,827	10,827	14,396	9,921	8,155
Critical Water Years	7,503	6,870	11,339	12,049	13,027	11,732	8,275	7,686	8,852	8,911	7,081	7,300

Table 5A-B3.2.6.3-C. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-89	434	540	260	163	-17	-158	2	-5	-368	-76	29
20%	324	-1	186	-216	27	220	5	0	2	-490	-308	39
30%	-74	360	156	88	86	-679	25	-71	30	-309	-381	85
40%	444	151	-430	36	21	0	-9	-88	126	-130	-194	-338
50%	4	-184	7	-121	-278	48	86	32	-72	35	-57	17
60%	0	-81	6	9	176	-15	5	42	-7	-90	-97	-936
70%	-83	-21	207	6	-1,140	251	180	124	-8	216	222	-1
80%	311	-95	2	46	-474	405	363	-64	80	-557	71	-34
90%	26	48	-23	-77	-3	-3	-26	76	46	103	118	7

Table 5A-B3.2.6.3-D. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	130	10	-3	46	26	39	42	-2	24	-209	-60	-159
Wet Water Years	89	-47	54	34	23	13	-32	6	41	-197	-196	-101
Above Normal Water Years	368	249	-79	-5	111	-56	-42	4	5	-521	-262	-165
Below Normal Water Years	32	-25	-142	8	-108	61	128	-62	58	-290	-151	-478
Dry Water Years	187	76	-3	209	38	209	130	8	4	-61	286	3
Critical Water Years	100	-94	159	-10	158	-51	40	56	-29	-6	155	40

Table 5A-B3.2.6.4-A. Sacramento River at Verona Monthly Flow (C_SAC081), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13,909	17,982	42,616	54,292	59,664	56,699	43,334	33,083	20,593	18,394	15,783	17,702
20%	13,033	11,719	32,402	45,612	51,933	44,798	30,829	24,904	14,104	17,720	15,168	16,899
30%	11,911	10,703	19,538	29,829	43,472	38,022	21,848	16,041	12,365	17,047	14,621	15,733
40%	11,048	9,877	14,728	24,943	34,533	29,672	16,912	11,999	11,321	16,475	14,092	14,656
50%	9,923	9,272	12,539	19,182	25,570	22,467	13,678	10,911	10,421	15,283	13,458	12,993
60%	8,637	8,659	11,502	16,031	20,009	18,817	10,927	10,318	9,549	14,689	12,582	9,842
70%	7,411	7,909	9,848	12,292	15,909	17,008	10,013	9,587	8,997	13,639	10,925	8,490
80%	6,652	6,965	8,750	10,673	13,525	13,382	9,402	9,081	8,192	11,456	8,884	8,057
90%	5,784	6,089	7,843	9,705	11,707	10,085	8,428	8,425	7,608	8,968	7,174	7,308

Table 5A-B3.2.6.4-B. Sacramento River at Verona Monthly Flow (C_SAC081), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10,272	10,949	19,336	26,391	31,775	28,783	19,650	15,994	12,569	14,687	12,469	12,553
Wet Water Years	12,076	14,490	32,130	43,335	50,805	45,403	33,860	24,819	16,782	16,167	13,852	16,631
Above Normal Water Years	10,422	10,522	17,348	33,556	37,355	35,162	19,621	19,746	13,699	16,317	15,449	15,730
Below Normal Water Years	9,947	10,139	14,738	18,430	22,786	21,543	13,889	11,686	9,933	15,831	14,383	11,709
Dry Water Years	9,637	9,260	10,236	12,749	20,659	17,736	10,913	9,824	10,753	14,205	9,718	8,277
Critical Water Years	7,516	6,933	11,252	12,042	13,046	11,701	8,261	7,685	8,791	8,870	7,088	7,301

Table 5A-B3.2.6.4-C. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-121	380	611	292	184	-17	-158	4	0	-354	-116	-78
20%	426	0	344	-216	130	-3	3	0	4	-467	-275	37
30%	-52	366	129	89	87	-680	26	-68	25	-262	-380	57
40%	450	117	-463	34	17	1	-6	-65	124	-240	-177	-129
50%	23	-127	-23	-132	-261	50	87	27	-144	-187	-97	0
60%	2	-85	7	5	218	-14	108	38	-18	-192	-152	-909
70%	-97	-218	215	-5	-1,160	251	175	115	44	77	-1	38
80%	270	-107	-151	46	-418	404	361	-59	85	-574	-40	0
90%	64	93	190	6	279	-2	112	76	-98	-40	199	6

Table 5A-B3.2.6.4-D. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	153	12	-5	58	86	16	67	-6	-2	-308	-69	-127
Wet Water Years	67	-106	41	43	20	13	-27	9	46	-209	-181	-141
Above Normal Water Years	359	196	-41	2	188	-36	-14	-20	0	-671	-183	-162
Below Normal Water Years	102	8	-75	31	113	-32	191	-68	34	-452	-112	-378
Dry Water Years	264	140	-36	234	16	210	170	5	-69	-252	83	126
Critical Water Years	113	-31	72	-18	177	-82	26	56	-90	-47	163	41

Table 5A-B3.2.6.5-A. Sacramento River at Verona Monthly Flow (C_SAC081), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13,941	18,036	42,544	54,263	59,643	56,699	43,335	33,081	20,587	18,381	15,823	17,808
20%	12,932	11,718	32,245	45,709	51,830	45,022	30,831	24,904	14,101	17,697	15,135	16,901
30%	11,890	10,698	19,563	29,829	43,471	38,024	21,847	16,038	12,370	17,001	14,620	15,758
40%	10,960	9,905	14,762	24,944	34,536	29,672	16,909	11,976	11,323	16,585	14,086	14,447
50%	9,907	9,214	12,568	19,194	25,556	22,465	13,677	10,917	10,494	15,506	13,580	13,013
60%	8,617	8,664	11,501	16,036	19,966	18,816	10,832	10,322	9,558	14,761	12,638	9,815
70%	7,426	8,106	9,840	12,300	15,929	17,007	10,017	9,596	8,945	14,043	11,148	8,451
80%	6,692	6,977	8,863	10,674	13,468	13,384	9,404	9,076	8,187	11,473	8,995	8,006
90%	5,751	6,041	7,630	9,639	11,424	10,084	8,289	8,425	7,754	9,108	7,094	7,309

Table 5A-B3.2.6.5-B. Sacramento River at Verona Monthly Flow (C_SAC081), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10,234	10,944	19,333	26,385	31,708	28,808	19,625	15,998	12,596	14,796	12,482	12,520
Wet Water Years	12,102	14,550	32,136	43,332	50,815	45,404	33,854	24,816	16,778	16,181	13,836	16,670
Above Normal Water Years	10,431	10,571	17,311	33,550	37,276	35,141	19,593	19,771	13,704	16,407	15,371	15,749
Below Normal Water Years	9,854	10,090	14,668	18,407	22,570	21,636	13,826	11,692	9,957	16,067	14,341	11,595
Dry Water Years	9,560	9,197	10,269	12,747	20,683	17,735	10,873	9,827	10,829	14,396	9,951	8,154
Critical Water Years	7,427	6,872	11,324	12,050	12,949	11,741	8,274	7,685	8,855	8,907	7,078	7,300

Table 5A-B3.2.6.5-C. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-89	435	539	263	163	-17	-158	2	-5	-368	-76	28
20%	325	-1	187	-120	27	222	5	0	2	-490	-308	39
30%	-74	361	155	89	86	-677	25	-71	30	-309	-381	82
40%	362	146	-429	36	20	0	-9	-88	126	-130	-183	-338
50%	7	-185	6	-120	-275	48	86	32	-71	37	25	19
60%	-18	-81	6	11	175	-15	13	42	-9	-120	-96	-936
70%	-82	-21	206	4	-1,139	251	180	124	-8	481	222	-1
80%	310	-95	-38	46	-475	406	363	-64	80	-557	71	-51
90%	31	46	-23	-60	-4	-3	-27	76	48	100	118	7

Table 5A-B3.2.6.5-D. Sacramento River at Verona Monthly Flow (C_SAC081), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	115	6	-8	52	18	41	43	-2	25	-199	-56	-160
Wet Water Years	94	-46	47	40	30	14	-32	6	42	-195	-196	-102
Above Normal Water Years	369	245	-79	-4	108	-57	-42	4	5	-581	-262	-143
Below Normal Water Years	9	-41	-145	8	-102	61	128	-62	58	-217	-154	-491
Dry Water Years	187	77	-3	231	40	209	131	9	7	-61	315	3
Critical Water Years	25	-92	144	-9	79	-43	39	56	-26	-9	152	40

B.2.7 Sacramento River near Freeport

Figure 5A-B3.2.7.1-A. Sacramento River near Freeport Monthly Flow (C_SAC049), Probability of Exceedance for Existing Conditions, October to March

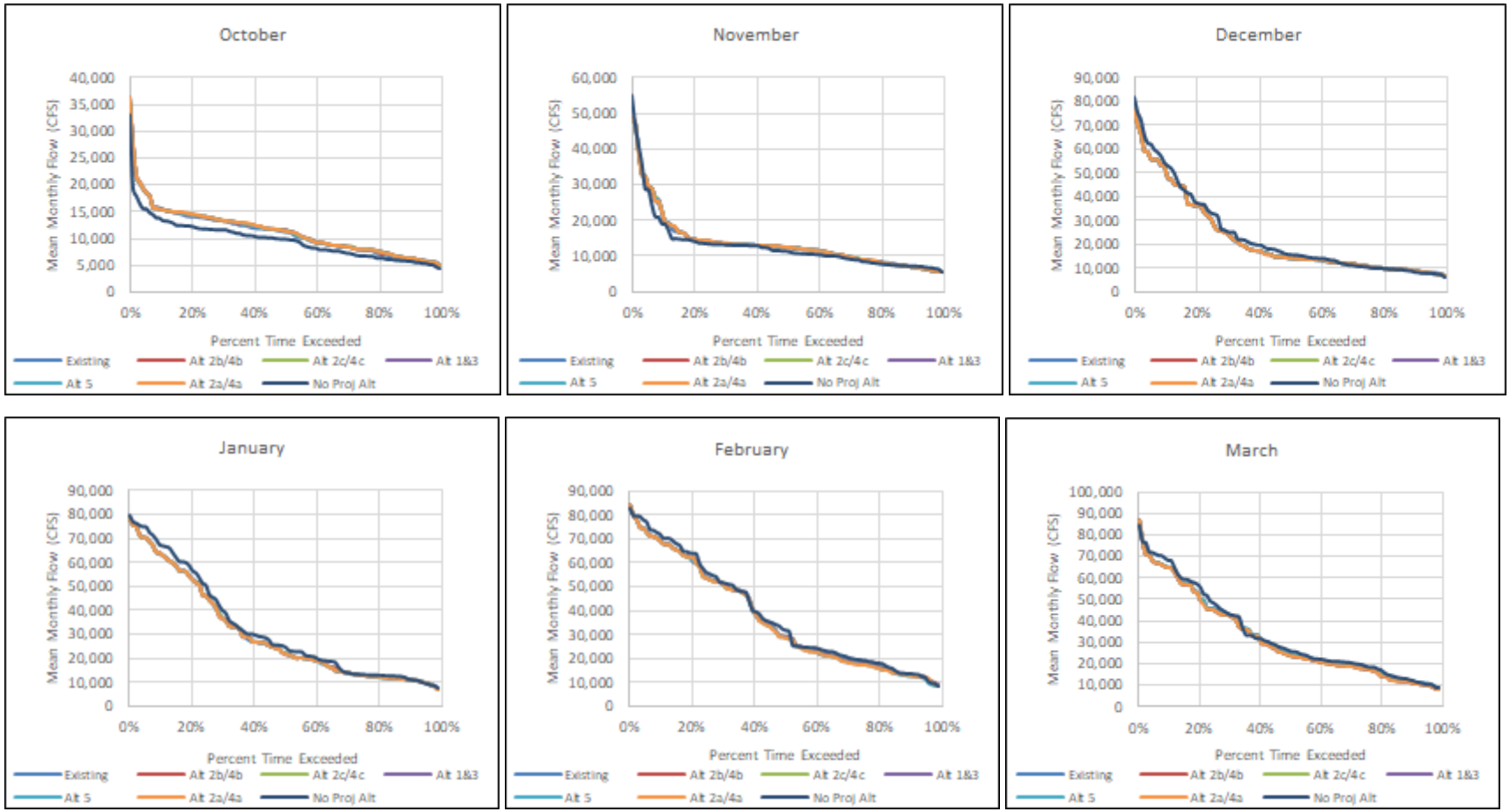


Figure 5A-B3.2.7.1-B. Sacramento River near Freeport Monthly Flow (C_SAC049), Probability of Exceedance for Existing Conditions, April to September

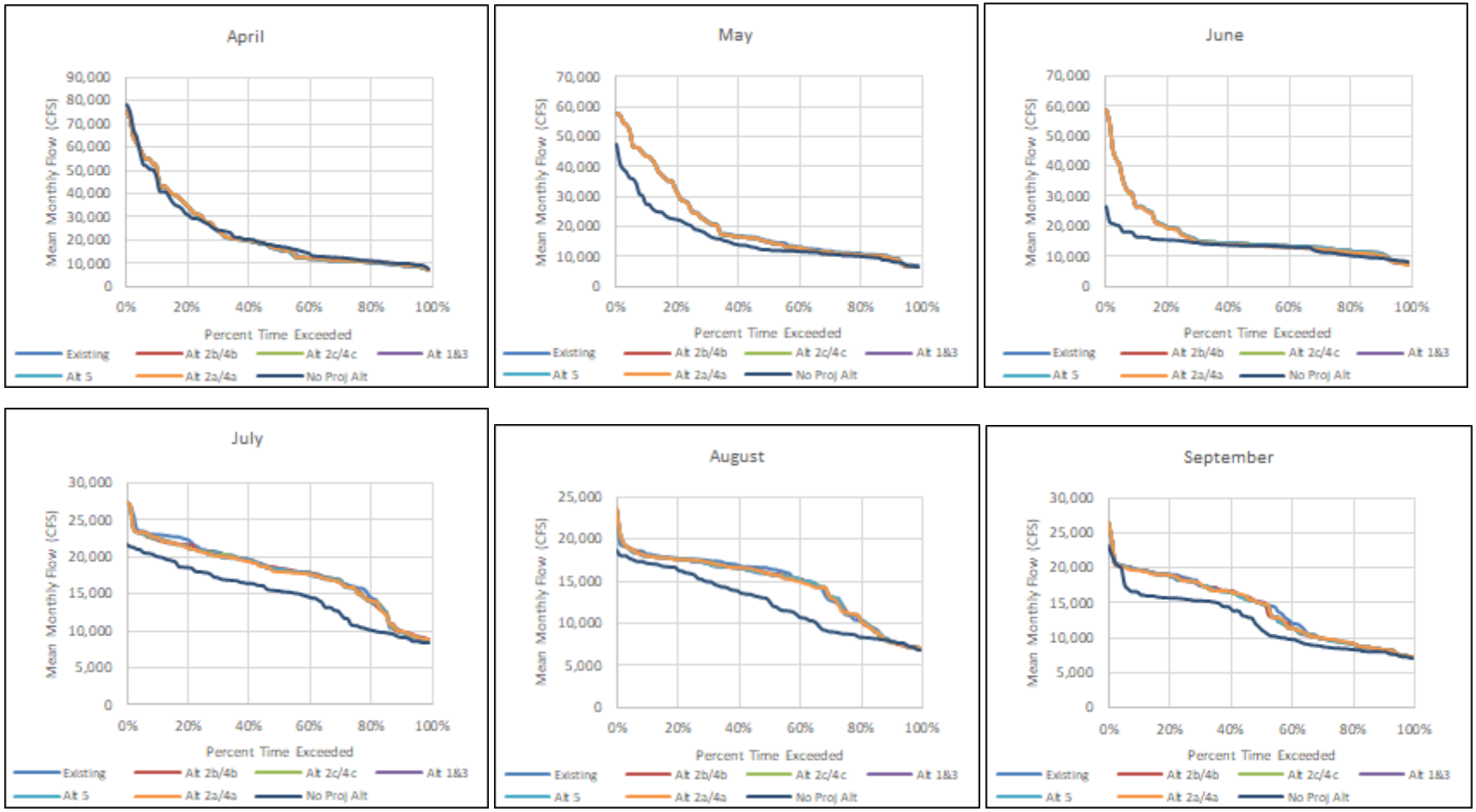


Table 5A-B3.2.7.1-A. Sacramento River near Freeport Monthly Flow (C_SAC049), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	15,579	21,280	51,274	63,477	68,797	64,914	49,736	43,686	26,632	23,115	18,267	19,696
20%	14,049	14,579	36,359	53,205	60,805	51,162	34,830	31,645	19,722	22,430	17,754	19,087
30%	13,269	13,468	24,836	36,611	51,206	42,230	24,221	21,859	15,623	20,727	17,491	17,641
40%	11,862	12,949	17,478	26,750	39,663	32,249	19,931	16,717	14,126	19,833	16,905	16,557
50%	11,174	12,385	14,330	22,065	28,990	24,251	16,005	15,107	13,675	18,488	16,535	15,098
60%	9,220	11,211	13,731	19,053	22,980	21,352	12,298	12,985	13,294	17,754	15,306	12,256
70%	8,390	9,611	12,011	13,816	19,469	19,133	10,778	11,565	12,733	16,728	12,768	9,833
80%	7,130	8,214	10,225	12,202	16,953	15,456	10,431	10,846	11,671	15,013	10,341	9,231
90%	6,292	6,846	8,973	11,230	13,031	11,871	9,352	9,773	10,761	10,001	7,776	8,340

Table 5A-B3.2.7.1-B. Sacramento River near Freeport Monthly Flow (C_SAC049), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11,293	13,562	22,637	30,220	36,637	32,330	22,617	20,606	16,907	18,089	14,716	14,303
Wet Water Years	13,378	18,176	37,641	50,377	59,125	51,372	39,498	32,887	23,421	20,108	17,047	18,866
Above Normal Water Years	11,365	12,709	20,152	38,521	43,056	39,245	22,527	25,489	19,074	20,498	18,210	17,974
Below Normal Water Years	10,937	12,928	17,577	20,647	26,152	23,879	15,614	15,189	13,581	20,093	16,491	13,670
Dry Water Years	10,372	11,128	12,133	14,212	23,221	19,660	12,265	11,656	13,497	16,859	11,327	9,365
Critical Water Years	8,374	8,182	12,573	13,251	14,757	13,356	9,359	8,847	10,214	9,951	7,809	8,019

Table 5A-B3.2.7.1-C. Sacramento River near Freeport Monthly Flow (C_SAC049), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	15,402	21,639	51,630	63,284	68,797	64,898	49,752	43,691	26,637	22,372	18,036	19,755
20%	14,326	14,574	36,368	53,078	62,004	51,155	34,890	31,645	19,727	21,719	17,649	18,933
30%	13,229	13,237	24,893	36,523	51,242	43,028	24,268	21,828	14,926	20,367	17,182	17,576
40%	12,299	12,904	17,499	26,744	39,683	32,233	19,970	16,729	14,275	19,629	16,621	16,770
50%	11,507	12,295	14,506	21,863	29,080	24,256	16,230	15,111	13,764	18,536	15,970	15,109
60%	9,266	11,472	13,774	19,101	22,985	21,353	12,169	13,081	13,283	17,912	15,286	11,557
70%	8,433	9,594	12,062	13,997	19,020	19,228	11,102	11,592	12,757	16,790	13,379	9,941
80%	7,420	8,137	10,096	12,196	16,471	15,569	10,660	10,799	11,701	14,044	10,660	9,149
90%	6,294	6,846	9,092	11,058	12,954	11,870	9,554	9,797	10,808	9,828	7,811	8,342

Table 5A-B3.2.7.1-D. Sacramento River near Freeport Monthly Flow (C_SAC049), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11,399	13,581	22,654	30,275	36,653	32,389	22,661	20,592	16,932	17,837	14,643	14,183
Wet Water Years	13,459	18,146	37,747	50,430	59,129	51,385	39,483	32,897	23,432	19,956	16,789	18,851
Above Normal Water Years	11,720	12,940	20,154	38,333	43,170	39,236	22,475	25,486	19,029	19,913	17,875	17,876
Below Normal Water Years	10,891	12,911	17,518	20,673	26,081	23,953	15,742	15,110	13,649	19,739	16,431	13,195
Dry Water Years	10,643	11,219	12,108	14,553	23,265	19,880	12,273	11,670	13,523	16,669	11,668	9,394
Critical Water Years	8,371	8,104	12,577	13,236	14,817	13,370	9,516	8,842	10,264	9,864	7,864	8,043

Table 5A-B3.2.7.1-E. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-178	359	356	-193	0	-16	16	6	5	-742	-231	59
20%	277	-5	9	-127	1,199	-7	60	0	5	-711	-105	-154
30%	-40	-231	57	-88	36	798	46	-31	-697	-360	-309	-65
40%	437	-46	22	-6	20	-16	38	13	149	-204	-284	213
50%	333	-90	176	-202	89	5	225	4	88	48	-564	11
60%	46	261	43	48	5	1	-129	96	-12	158	-20	-699
70%	43	-18	50	181	-449	95	323	27	24	62	611	108
80%	290	-76	-130	-6	-482	113	229	-47	30	-968	318	-82
90%	2	0	119	-172	-77	-2	202	23	47	-173	35	1

Table 5A-B3.2.7.1-F. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	106	20	17	55	16	60	43	-14	26	-251	-73	-120
Wet Water Years	82	-31	107	54	4	13	-15	10	11	-152	-258	-15
Above Normal Water Years	354	231	3	-188	114	-9	-52	-3	-45	-586	-334	-97
Below Normal Water Years	-46	-18	-58	26	-71	73	128	-79	68	-354	-60	-476
Dry Water Years	271	91	-25	341	44	221	8	14	26	-191	341	28
Critical Water Years	-3	-78	4	-15	60	14	157	-5	50	-87	55	25

Table 5A-B3.2.7.2-A. Sacramento River near Freeport Monthly Flow (C_SAC049), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	15,368	21,641	51,565	63,344	68,797	64,899	49,753	43,690	26,626	22,560	18,047	19,753
20%	14,422	14,572	36,405	53,145	61,643	51,242	34,930	31,646	19,723	21,428	17,656	18,894
30%	13,412	13,230	24,870	36,710	51,240	42,857	24,270	21,828	14,999	20,446	17,216	17,554
40%	12,323	12,903	17,499	26,743	39,687	32,235	19,969	16,728	14,323	19,626	16,600	16,505
50%	11,511	12,329	14,426	22,270	29,021	24,254	16,325	15,113	13,760	18,340	15,903	15,019
60%	9,240	11,506	13,742	19,148	22,982	21,397	12,257	13,079	13,260	17,954	15,278	11,463
70%	8,431	9,601	12,034	13,990	18,968	19,191	11,132	11,561	12,737	16,901	13,311	10,044
80%	7,523	8,065	10,150	12,209	16,493	15,665	10,728	10,788	11,849	14,164	10,659	9,167
90%	6,326	6,845	9,212	10,932	12,952	11,867	9,515	9,778	10,804	10,094	7,781	8,347

Table 5A-B3.2.7.2-B. Sacramento River near Freeport Monthly Flow (C_SAC049), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11,455	13,596	22,640	30,269	36,643	32,385	22,673	20,599	16,941	17,855	14,628	14,149
Wet Water Years	13,499	18,177	37,714	50,408	59,148	51,386	39,475	32,907	23,450	19,927	16,862	18,790
Above Normal Water Years	11,697	12,993	20,040	38,533	43,101	39,190	22,463	25,490	19,029	20,070	17,793	17,597
Below Normal Water Years	11,005	12,939	17,475	20,653	26,022	23,963	15,744	15,128	13,645	19,646	16,270	13,243
Dry Water Years	10,647	11,212	12,189	14,413	23,269	19,877	12,354	11,665	13,496	16,791	11,677	9,447
Critical Water Years	8,497	8,050	12,629	13,261	14,860	13,361	9,528	8,843	10,321	9,920	7,923	8,046

Table 5A-B3.2.7.2-C. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-211	361	291	-133	0	-15	17	5	-7	-554	-220	57
20%	373	-7	46	-60	838	80	100	1	1	-1,002	-98	-193
30%	143	-237	34	99	34	627	49	-31	-624	-281	-275	-87
40%	462	-47	21	-7	25	-14	37	12	197	-206	-305	-52
50%	337	-56	96	206	31	4	320	6	84	-148	-631	-79
60%	20	295	10	95	3	45	-41	94	-34	200	-28	-793
70%	41	-10	23	175	-501	58	354	-4	5	173	543	211
80%	393	-148	-75	7	-460	209	297	-58	177	-848	318	-64
90%	35	-1	240	-298	-79	-5	162	5	43	93	5	6

Table 5A-B3.2.7.2-D. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	162	34	3	49	6	55	55	-7	34	-233	-87	-154
Wet Water Years	121	0	73	31	23	14	-23	19	28	-181	-185	-76
Above Normal Water Years	332	284	-111	12	45	-55	-64	1	-44	-428	-417	-376
Below Normal Water Years	68	11	-102	7	-130	84	130	-61	64	-447	-221	-427
Dry Water Years	275	84	57	201	48	218	89	9	-1	-68	350	82
Critical Water Years	123	-132	56	10	103	5	169	-4	107	-31	114	27

Table 5A-B3.2.7.3-A. Sacramento River near Freeport Monthly Flow (C_SAC049), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	15,362	21,637	51,719	63,535	68,797	64,900	49,753	43,691	26,625	22,594	18,047	19,752
20%	14,425	14,571	36,312	53,138	61,710	51,218	34,873	31,645	19,724	21,427	17,660	18,928
30%	13,315	13,442	24,894	36,574	51,232	42,883	24,269	21,828	15,078	20,332	17,181	17,539
40%	12,488	12,945	17,307	26,743	39,683	32,236	19,972	16,729	14,251	19,626	16,596	16,665
50%	11,461	12,405	14,426	21,938	29,003	24,253	16,355	15,111	13,730	18,399	15,867	15,074
60%	9,241	11,528	13,594	19,130	22,982	21,354	12,267	13,079	13,260	17,949	15,281	11,394
70%	8,392	9,605	12,035	13,994	18,937	19,167	11,108	11,634	12,813	16,985	13,081	9,936
80%	7,648	8,065	10,191	12,212	16,488	15,677	10,728	10,761	11,828	14,277	10,574	9,174
90%	6,325	6,844	9,377	10,933	13,082	11,870	9,467	9,782	11,019	10,099	7,962	8,347

Table 5A-B3.2.7.3-B. Sacramento River near Freeport Monthly Flow (C_SAC049), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11,456	13,620	22,634	30,252	36,668	32,377	22,679	20,599	16,950	17,829	14,605	14,131
Wet Water Years	13,483	18,151	37,694	50,420	59,157	51,386	39,467	32,894	23,472	19,874	16,833	18,779
Above Normal Water Years	11,686	13,183	20,060	38,382	43,167	39,191	22,484	25,493	19,088	20,015	17,771	17,716
Below Normal Water Years	11,013	12,945	17,434	20,648	26,020	23,953	15,760	15,127	13,661	19,636	16,269	13,173
Dry Water Years	10,661	11,231	12,129	14,425	23,276	19,886	12,382	11,692	13,525	16,762	11,594	9,371
Critical Water Years	8,519	8,075	12,747	13,244	14,947	13,317	9,512	8,838	10,227	9,951	7,946	8,046

Table 5A-B3.2.7.3-C. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-218	357	445	58	0	-15	17	5	-7	-520	-220	57
20%	376	-8	-47	-66	904	56	43	1	2	-1,003	-94	-159
30%	46	-26	58	-37	26	653	48	-31	-545	-396	-310	-102
40%	627	-4	-171	-7	20	-14	41	12	125	-206	-309	108
50%	287	19	97	-127	13	2	350	4	55	-89	-667	-24
60%	22	317	-138	77	3	2	-31	94	-35	195	-25	-862
70%	2	-7	24	178	-532	34	329	69	80	257	313	102
80%	518	-149	-34	10	-465	221	296	-85	156	-735	232	-57
90%	34	-2	404	-298	51	-2	115	9	258	98	186	7

Table 5A-B3.2.7.3-D. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	163	58	-3	32	31	47	62	-7	44	-260	-110	-172
Wet Water Years	105	-25	54	43	32	14	-31	7	51	-234	-214	-87
Above Normal Water Years	321	474	-92	-139	111	-54	-43	4	14	-484	-438	-258
Below Normal Water Years	75	17	-142	2	-132	74	146	-62	80	-457	-222	-498
Dry Water Years	289	104	-4	212	55	226	117	36	28	-97	266	5
Critical Water Years	145	-107	174	-7	190	-39	153	-9	14	0	137	28

Table 5A-B3.2.7.4-A. Sacramento River near Freeport Monthly Flow (C_SAC049), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	15,362	21,638	51,762	63,598	68,798	64,899	49,754	43,692	26,631	22,661	18,033	19,634
20%	14,486	14,569	36,408	53,092	62,212	51,152	34,919	31,646	19,724	21,295	17,627	19,000
30%	13,345	13,491	24,777	36,526	51,244	42,824	24,271	21,828	15,044	20,175	17,298	17,875
40%	12,523	12,903	17,508	26,742	39,767	32,240	19,961	16,730	14,234	19,421	16,658	16,683
50%	11,385	12,417	14,512	21,927	29,019	24,251	16,376	15,107	13,724	18,014	15,908	14,990
60%	9,206	11,245	13,655	19,040	22,983	21,357	12,297	13,071	13,254	17,708	14,997	11,411
70%	8,397	9,528	12,084	13,989	19,017	19,169	11,103	11,680	12,749	16,689	13,237	9,939
80%	7,592	8,138	10,163	12,269	16,492	15,677	10,645	10,743	11,629	14,208	10,680	9,274
90%	6,290	6,844	9,226	11,003	13,622	11,871	9,467	9,774	10,766	9,949	7,916	8,342

Table 5A-B3.2.7.4-B. Sacramento River near Freeport Monthly Flow (C_SAC049), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11,468	13,607	22,636	30,263	36,732	32,354	22,705	20,593	16,927	17,730	14,604	14,173
Wet Water Years	13,454	18,071	37,697	50,416	59,152	51,386	39,473	32,897	23,478	19,865	16,853	18,740
Above Normal Water Years	11,677	13,096	20,092	38,384	43,239	39,212	22,511	25,469	19,081	19,842	17,918	17,804
Below Normal Water Years	11,055	12,955	17,501	20,674	26,239	23,859	15,837	15,118	13,623	19,495	16,365	13,268
Dry Water Years	10,739	11,290	12,097	14,446	23,289	19,885	12,433	11,688	13,476	16,562	11,307	9,490
Critical Water Years	8,520	8,153	12,655	13,259	14,967	13,296	9,473	8,830	10,177	9,909	7,944	8,047

Table 5A-B3.2.7.4-C. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-217	358	488	122	0	-15	17	7	-2	-454	-233	-62
20%	437	-10	49	-113	1,407	-10	89	1	2	-1,135	-127	-87
30%	77	24	-59	-86	37	594	50	-31	-579	-552	-193	234
40%	661	-46	30	-8	104	-9	30	13	107	-412	-247	126
50%	211	31	182	-138	29	0	371	0	49	-474	-627	-109
60%	-14	34	-76	-14	4	5	-1	86	-40	-46	-310	-845
70%	7	-83	72	173	-452	36	325	115	17	-39	469	106
80%	462	-76	-62	67	-461	222	213	-103	-43	-805	339	43
90%	-1	-2	253	-227	592	0	115	1	5	-52	141	2

Table 5A-B3.2.7.4-D. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	176	45	-1	43	95	25	88	-13	20	-358	-112	-131
Wet Water Years	76	-106	57	39	27	14	-26	10	56	-243	-194	-126
Above Normal Water Years	312	387	-60	-137	183	-34	-15	-19	8	-657	-291	-170
Below Normal Water Years	118	27	-76	27	88	-20	223	-71	43	-598	-126	-403
Dry Water Years	367	162	-36	234	68	226	168	32	-21	-297	-20	125
Critical Water Years	146	-29	82	9	210	-60	114	-17	-37	-42	135	29

Table 5A-B3.2.7.5-A. Sacramento River near Freeport Monthly Flow (C_SAC049), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	15,362	21,637	51,718	63,541	68,797	64,900	49,753	43,691	26,625	22,595	18,047	19,753
20%	14,425	14,570	36,313	53,138	61,702	51,221	34,872	31,646	19,724	21,427	17,658	18,927
30%	13,318	13,393	24,895	36,574	51,243	42,882	24,269	21,828	15,077	20,332	17,181	17,677
40%	12,309	12,948	17,306	26,743	39,683	32,236	19,973	16,729	14,252	19,642	16,596	16,665
50%	11,358	12,404	14,430	21,940	29,003	24,251	16,352	15,111	13,730	18,407	15,867	14,933
60%	9,241	11,531	13,592	19,130	22,982	21,354	12,274	13,079	13,260	17,949	15,296	11,394
70%	8,393	9,602	12,035	13,991	18,937	19,167	11,107	11,634	12,813	16,985	13,081	9,936
80%	7,647	7,936	10,192	12,213	16,461	15,679	10,728	10,761	11,828	14,277	10,574	9,174
90%	6,325	6,845	9,371	10,933	13,083	11,870	9,467	9,782	11,003	10,097	7,962	8,347

Table 5A-B3.2.7.5-B. Sacramento River near Freeport Monthly Flow (C_SAC049), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11,431	13,606	22,626	30,257	36,666	32,379	22,679	20,599	16,951	17,844	14,613	14,138
Wet Water Years	13,477	18,151	37,684	50,426	59,164	51,386	39,467	32,894	23,472	19,877	16,833	18,778
Above Normal Water Years	11,687	13,181	20,060	38,382	43,164	39,191	22,484	25,493	19,088	19,987	17,772	17,789
Below Normal Water Years	10,987	12,886	17,432	20,647	26,024	23,953	15,760	15,126	13,661	19,711	16,281	13,160
Dry Water Years	10,660	11,232	12,128	14,447	23,315	19,886	12,382	11,692	13,526	16,767	11,624	9,376
Critical Water Years	8,408	8,077	12,719	13,243	14,869	13,325	9,512	8,837	10,229	9,948	7,943	8,046

Table 5A-B3.2.7.5-C. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-218	357	444	64	0	-15	17	5	-7	-520	-220	57
20%	376	-9	-46	-67	897	59	42	1	2	-1,003	-96	-160
30%	50	-75	59	-37	37	652	48	-31	-546	-395	-310	36
40%	447	-1	-171	-7	20	-13	41	13	125	-191	-309	108
50%	184	19	100	-124	13	1	347	4	55	-81	-667	-165
60%	21	320	-139	77	2	2	-25	94	-35	195	-10	-861
70%	2	-9	23	175	-532	34	329	69	80	256	313	102
80%	517	-277	-33	11	-492	223	296	-85	156	-735	233	-57
90%	34	-2	398	-298	52	-1	115	9	242	96	186	7

Table 5A-B3.2.7.5-D. Sacramento River near Freeport Monthly Flow (C_SAC049), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	139	44	-11	37	29	49	62	-7	44	-245	-103	-165
Wet Water Years	100	-25	44	49	39	14	-31	7	51	-231	-214	-88
Above Normal Water Years	322	471	-92	-138	108	-55	-43	4	14	-511	-438	-185
Below Normal Water Years	50	-42	-145	1	-127	74	146	-62	80	-382	-211	-510
Dry Water Years	289	105	-4	234	94	226	117	36	29	-92	296	10
Critical Water Years	34	-105	145	-8	112	-31	153	-10	15	-3	134	28

B.2.8 Sacramento River below Regional Wastewater Treatment Plant

Figure 5A-B3.2.8.1-A. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Probability of Exceedance for Existing Conditions, October to March

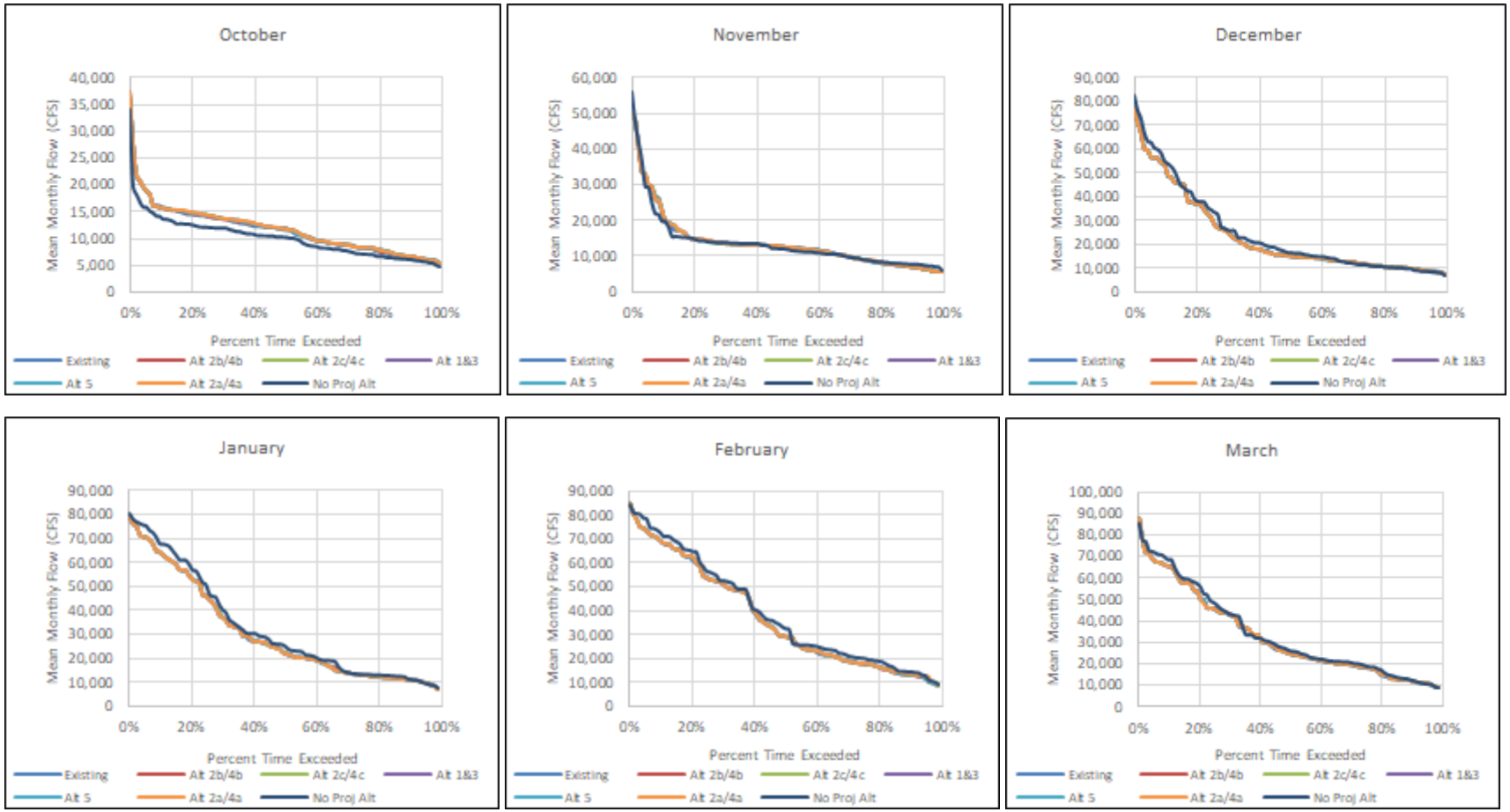


Figure 5A-B3.2.8.1-B. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Probability of Exceedance for Existing Conditions, April to September

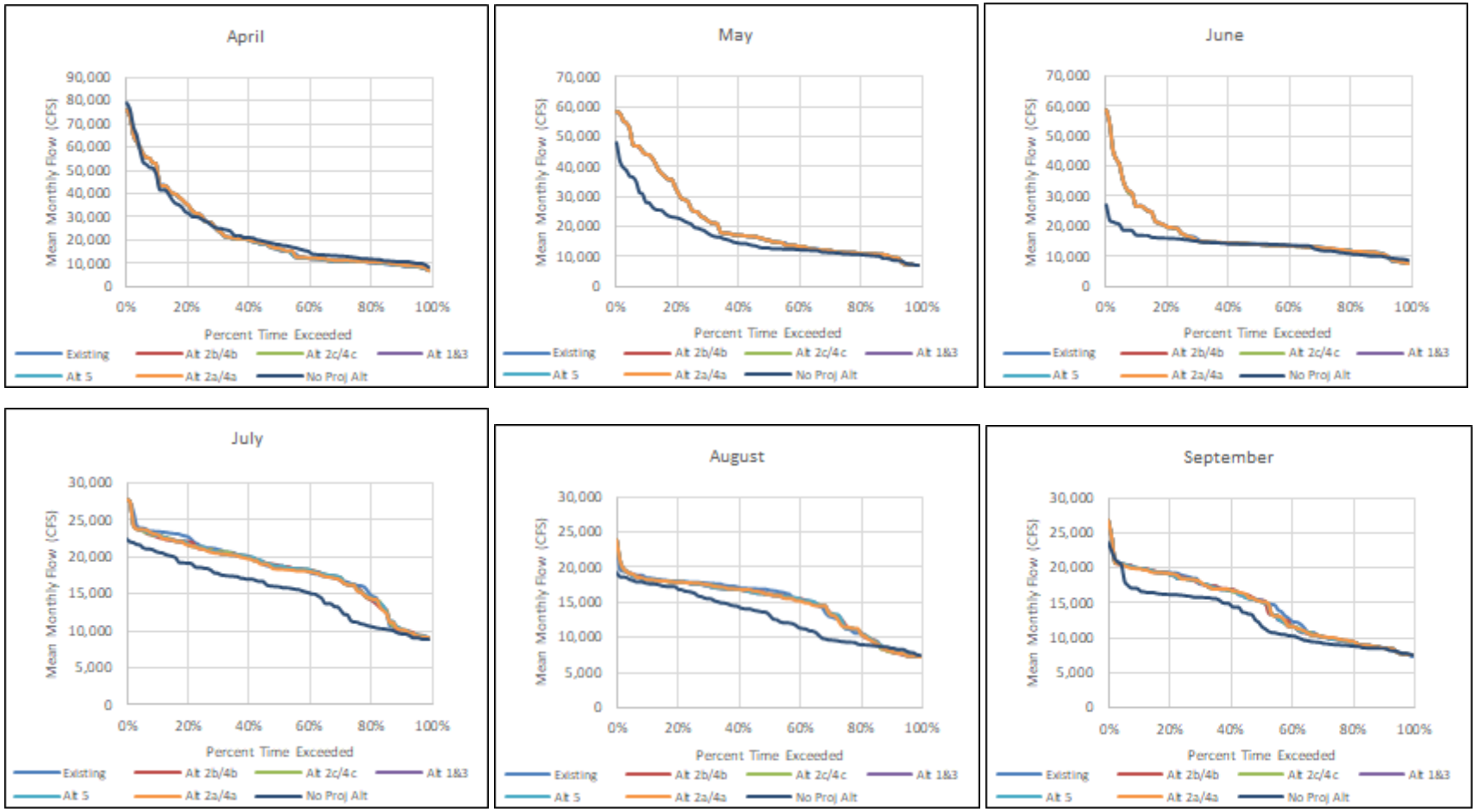


Table 5A-B3.2.8.1-A. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	15,909	21,711	52,171	64,019	69,273	65,342	50,067	44,007	26,944	23,403	18,555	19,993
20%	14,336	14,962	36,867	53,526	61,541	51,535	35,316	31,934	20,020	22,719	18,042	19,384
30%	13,560	13,763	25,169	37,384	51,555	42,665	24,528	22,153	15,921	21,016	17,780	17,938
40%	12,182	13,278	17,796	27,278	40,062	32,619	20,504	17,005	14,425	20,122	17,193	16,854
50%	11,471	12,687	14,651	22,485	29,469	24,629	16,308	15,396	13,974	18,777	16,823	15,436
60%	9,519	11,511	14,040	19,445	23,356	21,639	12,596	13,274	13,593	18,043	15,595	12,553
70%	8,707	10,038	12,438	14,102	19,897	19,442	11,077	11,854	13,031	17,017	13,057	10,130
80%	7,424	8,539	10,559	12,506	17,285	15,796	10,747	11,135	11,970	15,302	10,630	9,528
90%	6,585	7,157	9,288	11,517	13,509	12,231	9,651	10,069	11,060	10,290	8,064	8,637

Table 5A-B3.2.8.1-B. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11,598	13,913	23,039	30,647	37,093	32,686	22,956	20,901	17,205	18,378	15,004	14,602
Wet Water Years	13,700	18,569	38,104	50,915	59,639	51,772	39,869	33,185	23,720	20,399	17,335	19,163
Above Normal Water Years	11,669	13,050	20,557	38,975	43,568	39,587	22,845	25,779	19,374	20,788	18,498	18,271
Below Normal Water Years	11,234	13,272	17,961	21,019	26,563	24,221	15,941	15,482	13,879	20,382	16,780	13,974
Dry Water Years	10,666	11,455	12,463	14,568	23,641	19,989	12,596	11,947	13,795	17,148	11,616	9,662
Critical Water Years	8,670	8,495	12,948	13,582	15,153	13,685	9,670	9,142	10,513	10,240	8,098	8,316

Table 5A-B3.2.8.1-C. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	15,688	22,070	52,503	63,826	69,273	65,326	50,082	44,013	26,949	22,661	18,325	20,052
20%	14,613	14,957	36,873	53,399	62,681	51,533	35,376	31,934	20,025	22,008	17,938	19,230
30%	13,533	13,588	25,224	37,295	51,572	43,464	24,574	22,122	15,225	20,656	17,471	17,873
40%	12,586	13,256	17,818	27,274	40,081	32,603	20,496	17,018	14,574	19,928	16,909	17,067
50%	11,797	12,591	14,808	22,283	29,537	24,635	16,532	15,400	14,062	18,825	16,259	15,406
60%	9,582	11,795	14,104	19,510	23,418	21,640	12,467	13,370	13,581	18,201	15,575	11,870
70%	8,777	10,020	12,394	14,283	19,352	19,560	11,420	11,882	13,055	17,079	13,668	10,238
80%	7,712	8,447	10,450	12,503	16,834	15,887	10,961	11,088	12,000	14,334	10,948	9,446
90%	6,603	7,158	9,430	11,355	13,346	12,229	9,854	10,106	11,107	10,117	8,100	8,639

Table 5A-B3.2.8.1-D. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11,704	13,933	23,056	30,702	37,109	32,746	22,999	20,887	17,231	18,127	14,932	14,482
Wet Water Years	13,781	18,539	38,211	50,968	59,643	51,785	39,854	33,195	23,730	20,247	17,077	19,148
Above Normal Water Years	12,023	13,281	20,559	38,788	43,682	39,579	22,793	25,776	19,329	20,202	18,164	18,173
Below Normal Water Years	11,187	13,254	17,902	21,045	26,492	24,295	16,069	15,403	13,947	20,028	16,720	13,498
Dry Water Years	10,937	11,546	12,438	14,909	23,685	20,209	12,605	11,961	13,822	16,958	11,957	9,691
Critical Water Years	8,667	8,417	12,952	13,567	15,212	13,699	9,827	9,137	10,563	10,153	8,153	8,340

Table 5A-B3.2.8.1-E. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-221	359	333	-193	0	-16	16	6	5	-742	-231	59
20%	277	-5	7	-127	1,140	-2	60	0	5	-711	-105	-154
30%	-26	-176	55	-88	17	798	46	-31	-697	-360	-308	-65
40%	404	-23	22	-5	20	-16	-8	13	149	-193	-284	213
50%	325	-96	157	-202	67	5	225	4	88	48	-564	-30
60%	63	284	63	65	63	1	-129	96	-12	158	-20	-682
70%	70	-18	-44	181	-546	119	343	28	24	62	611	108
80%	288	-92	-109	-2	-452	90	214	-47	30	-969	318	-82
90%	18	0	142	-162	-163	-2	203	37	47	-173	35	1

Table 5A-B3.2.8.1-F. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	106	20	17	55	16	60	43	-14	26	-251	-73	-120
Wet Water Years	82	-31	107	54	4	13	-15	10	11	-152	-258	-15
Above Normal Water Years	354	231	3	-188	114	-9	-52	-3	-45	-586	-334	-97
Below Normal Water Years	-46	-18	-58	26	-71	73	128	-79	68	-354	-60	-476
Dry Water Years	271	91	-25	341	44	221	8	14	26	-191	341	28
Critical Water Years	-3	-78	4	-15	60	14	157	-5	50	-87	55	25

Table 5A-B3.2.8.2-A. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	15,655	22,072	52,462	63,886	69,273	65,326	50,084	44,012	26,938	22,849	18,336	20,050
20%	14,713	14,955	36,889	53,467	62,379	51,604	35,417	31,935	20,021	21,717	17,945	19,191
30%	13,699	13,594	25,201	37,483	51,573	43,293	24,577	22,122	15,297	20,735	17,505	17,851
40%	12,610	13,266	17,817	27,273	40,086	32,604	20,495	17,017	14,621	19,925	16,888	16,802
50%	11,798	12,625	14,800	22,691	29,478	24,633	16,627	15,402	14,058	18,629	16,192	15,316
60%	9,556	11,840	14,042	19,557	23,358	21,683	12,556	13,368	13,558	18,243	15,567	11,760
70%	8,770	10,028	12,388	14,277	19,299	19,498	11,430	11,851	13,035	17,190	13,600	10,341
80%	7,810	8,378	10,447	12,521	16,856	15,982	11,026	11,077	12,147	14,453	10,948	9,464
90%	6,616	7,156	9,545	11,233	13,344	12,226	9,815	10,087	11,103	10,383	8,069	8,644

Table 5A-B3.2.8.2-B. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11,760	13,947	23,042	30,695	37,100	32,741	23,011	20,894	17,240	18,145	14,917	14,448
Wet Water Years	13,821	18,570	38,178	50,945	59,662	51,786	39,846	33,204	23,748	20,218	17,150	19,087
Above Normal Water Years	12,001	13,334	20,446	38,988	43,614	39,533	22,781	25,780	19,329	20,360	18,081	17,894
Below Normal Water Years	11,301	13,283	17,859	21,025	26,433	24,306	16,071	15,421	13,943	19,935	16,559	13,547
Dry Water Years	10,941	11,538	12,519	14,768	23,689	20,206	12,685	11,956	13,794	17,080	11,966	9,744
Critical Water Years	8,793	8,363	13,004	13,592	15,256	13,689	9,839	9,138	10,620	10,209	8,212	8,343

Table 5A-B3.2.8.2-C. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-255	361	291	-133	0	-15	17	5	-7	-554	-220	57
20%	377	-7	23	-60	838	68	100	1	1	-1,002	-98	-193
30%	139	-170	32	99	17	627	49	-31	-624	-281	-274	-87
40%	428	-12	21	-6	25	-16	-9	12	196	-196	-305	-52
50%	327	-62	149	206	9	4	320	6	84	-148	-631	-120
60%	37	329	1	112	3	45	-41	94	-34	200	-28	-793
70%	63	-10	-50	175	-598	56	353	-2	5	173	543	211
80%	387	-161	-112	16	-430	186	278	-58	177	-849	318	-64
90%	31	-1	257	-284	-165	-5	163	18	43	93	5	6

Table 5A-B3.2.8.2-D. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	162	34	3	49	6	55	55	-7	34	-233	-87	-154
Wet Water Years	121	0	73	31	23	14	-23	19	28	-181	-185	-76
Above Normal Water Years	332	284	-111	12	45	-55	-64	1	-44	-428	-417	-376
Below Normal Water Years	68	11	-102	7	-130	84	130	-61	64	-447	-221	-427
Dry Water Years	275	84	57	201	48	218	89	9	-1	-68	350	82
Critical Water Years	123	-132	56	10	103	5	169	-4	107	-31	114	27

Table 5A-B3.2.8.3-A. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	15,649	22,068	52,520	64,077	69,273	65,327	50,084	44,013	26,937	22,883	18,336	20,050
20%	14,716	14,954	36,796	53,460	62,445	51,577	35,360	31,935	20,022	21,716	17,948	19,225
30%	13,613	13,782	25,225	37,346	51,573	43,318	24,576	22,121	15,376	20,621	17,470	17,836
40%	12,775	13,271	17,714	27,273	40,081	32,605	20,496	17,018	14,550	19,925	16,885	16,962
50%	11,748	12,701	14,800	22,359	29,460	24,631	16,658	15,400	14,029	18,688	16,156	15,371
60%	9,558	11,869	13,883	19,539	23,358	21,641	12,565	13,368	13,558	18,238	15,569	11,691
70%	8,715	10,030	12,387	14,280	19,268	19,474	11,418	11,924	13,111	17,274	13,369	10,233
80%	7,958	8,377	10,477	12,525	16,851	15,995	11,025	11,050	12,126	14,566	10,862	9,471
90%	6,615	7,156	9,680	11,233	13,556	12,229	9,766	10,091	11,317	10,388	8,251	8,644

Table 5A-B3.2.8.3-B. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11,761	13,971	23,036	30,678	37,124	32,734	23,017	20,894	17,249	18,118	14,894	14,430
Wet Water Years	13,805	18,544	38,158	50,958	59,671	51,786	39,838	33,192	23,771	20,165	17,122	19,076
Above Normal Water Years	11,990	13,524	20,465	38,836	43,679	39,533	22,802	25,783	19,388	20,304	18,060	18,013
Below Normal Water Years	11,309	13,288	17,819	21,020	26,431	24,295	16,087	15,420	13,959	19,925	16,557	13,476
Dry Water Years	10,955	11,558	12,459	14,780	23,696	20,215	12,713	11,983	13,824	17,051	11,882	9,668
Critical Water Years	8,815	8,388	13,122	13,575	15,342	13,646	9,823	9,133	10,526	10,240	8,235	8,344

Table 5A-B3.2.8.3-C. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-261	357	349	58	0	-15	17	5	-7	-520	-220	57
20%	380	-8	-70	-66	904	42	43	1	2	-1,003	-94	-159
30%	54	19	56	-37	18	653	48	-31	-545	-396	-310	-102
40%	593	-8	-82	-5	20	-14	-9	12	125	-196	-309	108
50%	276	14	149	-127	-9	2	350	4	55	-89	-667	-65
60%	39	358	-158	94	3	2	-31	94	-35	195	-25	-862
70%	9	-8	-52	178	-629	33	341	70	80	257	313	103
80%	535	-162	-81	19	-434	199	278	-85	156	-736	232	-57
90%	30	-2	392	-284	48	-2	115	23	258	98	186	7

Table 5A-B3.2.8.3-D. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	163	58	-3	32	31	47	62	-7	44	-260	-110	-172
Wet Water Years	105	-25	54	43	32	14	-31	7	51	-234	-214	-87
Above Normal Water Years	321	474	-92	-139	111	-54	-43	4	14	-484	-438	-258
Below Normal Water Years	75	17	-142	2	-132	74	146	-62	80	-457	-222	-498
Dry Water Years	289	104	-4	212	55	226	117	36	28	-97	266	5
Critical Water Years	145	-107	174	-7	190	-39	153	-9	14	0	137	28

Table 5A-B3.2.8.4-A. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	15,649	22,069	52,626	64,140	69,273	65,327	50,084	44,014	26,943	22,950	18,322	19,936
20%	14,779	14,952	36,941	53,413	62,760	51,532	35,406	31,936	20,022	21,584	17,915	19,297
30%	13,637	13,790	25,092	37,298	51,576	43,260	24,578	22,122	15,343	20,464	17,589	18,172
40%	12,809	13,256	17,826	27,272	40,166	32,611	20,496	17,019	14,532	19,710	16,947	16,980
50%	11,672	12,715	14,886	22,348	29,476	24,629	16,679	15,396	14,023	18,303	16,197	15,287
60%	9,521	11,595	13,955	19,448	23,366	21,643	12,596	13,360	13,553	17,997	15,285	11,708
70%	8,716	9,954	12,410	14,275	19,348	19,477	11,416	11,970	13,048	16,978	13,526	10,236
80%	7,903	8,448	10,479	12,586	16,855	15,995	10,944	11,032	11,927	14,497	10,970	9,571
90%	6,595	7,155	9,558	11,300	13,948	12,230	9,766	10,083	11,064	10,238	8,205	8,639

Table 5A-B3.2.8.4-B. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11,773	13,959	23,038	30,689	37,189	32,711	23,043	20,888	17,225	18,020	14,893	14,471
Wet Water Years	13,775	18,464	38,161	50,954	59,666	51,786	39,843	33,195	23,776	20,155	17,141	19,037
Above Normal Water Years	11,980	13,437	20,497	38,838	43,751	39,554	22,830	25,760	19,381	20,131	18,207	18,101
Below Normal Water Years	11,351	13,299	17,885	21,046	26,650	24,201	16,164	15,411	13,921	19,784	16,653	13,571
Dry Water Years	11,034	11,617	12,427	14,802	23,709	20,215	12,764	11,979	13,774	16,851	11,596	9,787
Critical Water Years	8,816	8,465	13,030	13,591	15,363	13,624	9,784	9,126	10,476	10,198	8,233	8,344

Table 5A-B3.2.8.4-C. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-261	358	455	122	0	-15	17	7	-2	-454	-233	-57
20%	443	-10	75	-113	1,219	-3	89	1	2	-1,135	-127	-87
30%	77	26	-77	-86	20	594	50	-31	-579	-552	-190	234
40%	627	-22	30	-6	104	-8	-8	13	107	-412	-247	126
50%	201	28	234	-138	6	0	371	0	49	-474	-626	-150
60%	3	84	-85	3	11	5	-1	86	-40	-46	-310	-845
70%	9	-84	-29	173	-549	35	339	116	17	-39	469	106
80%	479	-91	-79	80	-430	199	197	-103	-43	-806	340	43
90%	10	-2	270	-217	439	0	115	15	4	-52	141	2

Table 5A-B3.2.8.4-D. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	176	45	-1	43	95	25	88	-13	20	-358	-112	-131
Wet Water Years	76	-106	57	39	27	14	-26	10	56	-243	-194	-126
Above Normal Water Years	312	387	-60	-137	183	-34	-15	-19	8	-657	-291	-170
Below Normal Water Years	118	27	-76	27	88	-20	223	-71	43	-598	-126	-403
Dry Water Years	367	162	-36	234	68	226	168	32	-21	-297	-20	125
Critical Water Years	146	-29	82	9	210	-60	114	-17	-37	-42	135	29

Table 5A-B3.2.8.5-A. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	15,649	22,068	52,520	64,083	69,273	65,327	50,083	44,013	26,937	22,884	18,336	20,050
20%	14,716	14,953	36,797	53,460	62,438	51,577	35,359	31,935	20,022	21,716	17,947	19,224
30%	13,617	13,777	25,225	37,346	51,573	43,317	24,576	22,121	15,376	20,621	17,470	17,974
40%	12,596	13,271	17,714	27,273	40,081	32,605	20,496	17,018	14,550	19,931	16,885	16,962
50%	11,664	12,700	14,804	22,361	29,461	24,630	16,655	15,400	14,029	18,696	16,156	15,271
60%	9,557	11,872	13,881	19,539	23,358	21,641	12,572	13,368	13,558	18,238	15,584	11,691
70%	8,716	10,028	12,386	14,277	19,269	19,474	11,418	11,924	13,111	17,274	13,369	10,233
80%	7,958	8,239	10,478	12,525	16,824	15,996	11,026	11,050	12,126	14,566	10,862	9,471
90%	6,615	7,156	9,674	11,233	13,557	12,229	9,766	10,091	11,301	10,386	8,251	8,644

Table 5A-B3.2.8.5-B. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11,736	13,958	23,028	30,684	37,122	32,735	23,017	20,893	17,250	18,133	14,901	14,437
Wet Water Years	13,799	18,544	38,148	50,964	59,678	51,786	39,838	33,192	23,771	20,167	17,122	19,075
Above Normal Water Years	11,990	13,521	20,465	38,837	43,676	39,533	22,802	25,783	19,388	20,276	18,060	18,086
Below Normal Water Years	11,284	13,229	17,816	21,020	26,436	24,296	16,087	15,420	13,959	20,000	16,569	13,463
Dry Water Years	10,955	11,559	12,459	14,802	23,735	20,215	12,714	11,984	13,825	17,056	11,912	9,673
Critical Water Years	8,703	8,390	13,094	13,574	15,265	13,654	9,823	9,133	10,528	10,237	8,232	8,343

Table 5A-B3.2.8.5-C. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-261	357	349	64	0	-15	17	5	-7	-520	-220	57
20%	380	-9	-69	-67	897	42	42	1	2	-1,003	-96	-160
30%	57	13	57	-37	18	652	48	-31	-546	-396	-310	36
40%	414	-7	-82	-6	20	-14	-9	13	125	-191	-309	108
50%	193	13	153	-124	-9	1	347	4	55	-81	-667	-166
60%	39	361	-159	94	2	2	-24	94	-35	195	-10	-861
70%	10	-10	-52	175	-629	32	341	70	80	256	312	102
80%	534	-300	-80	19	-461	200	278	-85	156	-736	233	-57
90%	30	-2	386	-284	48	-1	115	23	242	96	187	7

Table 5A-B3.2.8.5-D. Sacramento River below Regional WWTP Monthly Flow (C_SAC048), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	139	44	-11	37	29	49	62	-7	44	-245	-103	-165
Wet Water Years	100	-25	44	49	39	14	-31	7	51	-231	-214	-88
Above Normal Water Years	322	471	-92	-138	108	-55	-43	4	14	-511	-438	-185
Below Normal Water Years	50	-42	-145	1	-127	74	146	-62	80	-382	-211	-510
Dry Water Years	289	105	-4	234	94	226	117	36	29	-92	296	10
Critical Water Years	34	-105	145	-8	112	-31	153	-10	15	-3	134	28

B.2.9 Sacramento River near Hood

Figure 5A-B3.2.9.1-A. Sacramento River near Hood Monthly Flow (C_SAC041), Probability of Exceedance for Existing Conditions, October to March

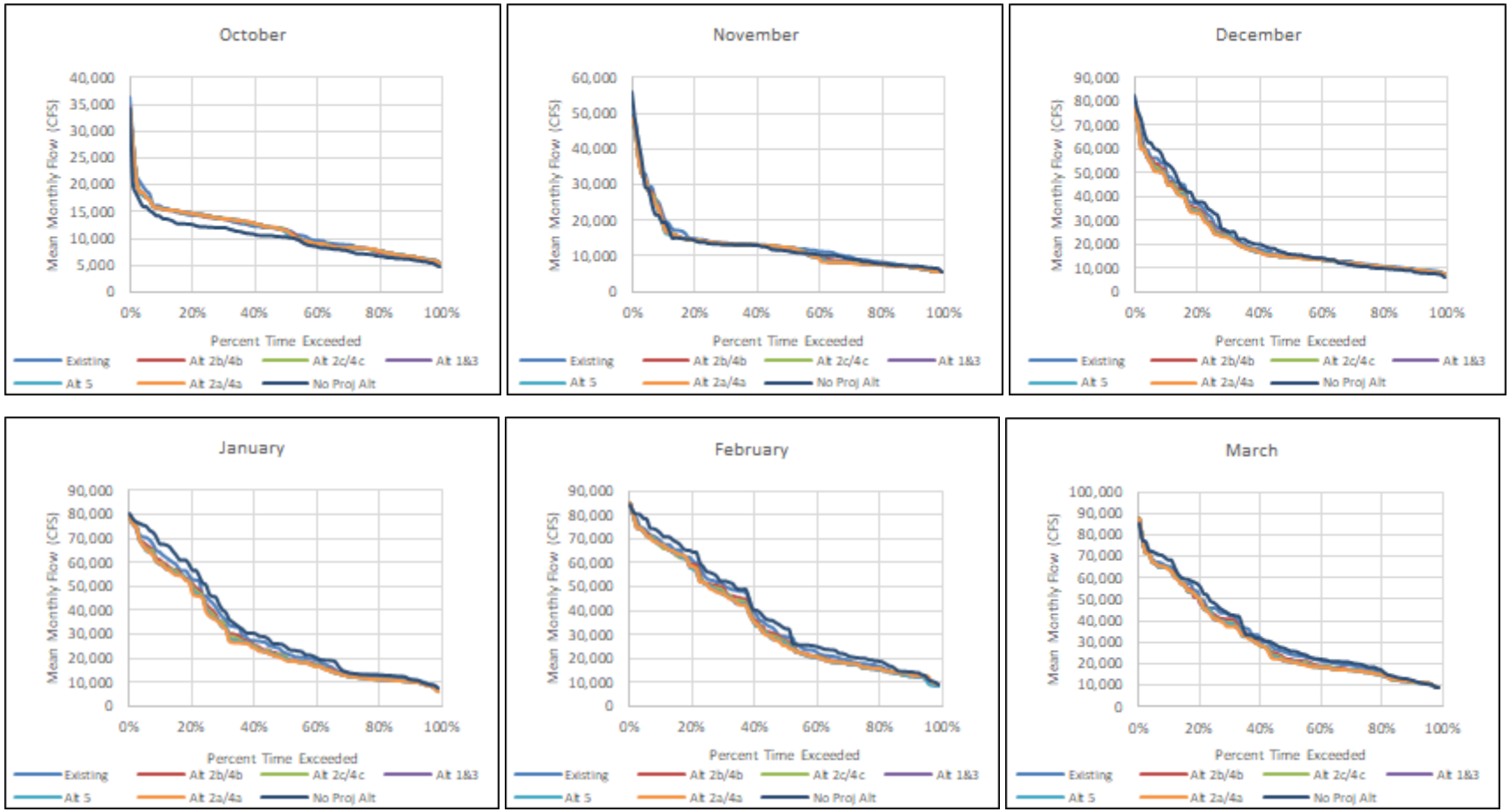


Figure 5A-B3.2.9.1-B. Sacramento River near Hood Monthly Flow (C_SAC041), Probability of Exceedance for Existing Conditions, April to September

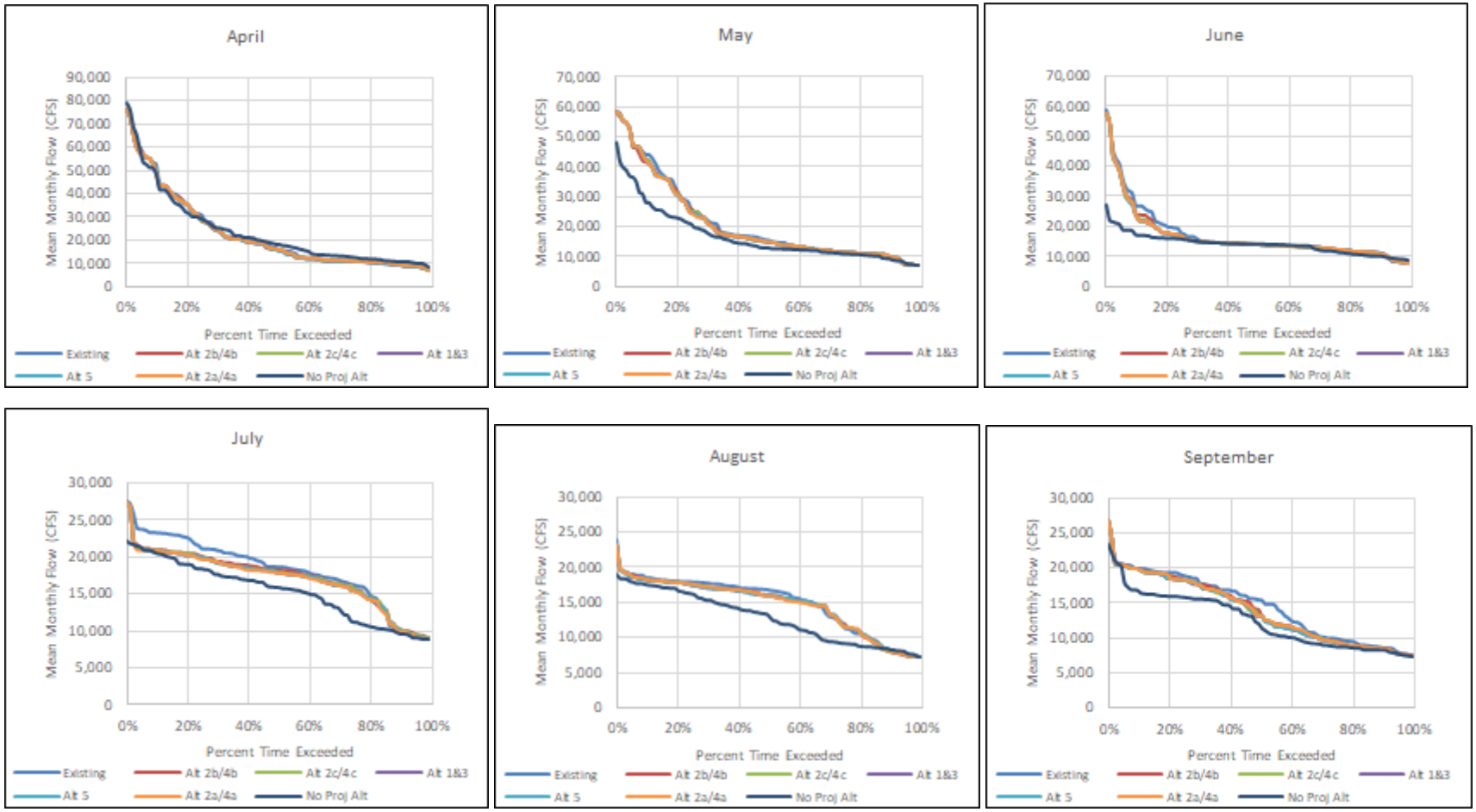


Table 5A-B3.2.9.1-A. Sacramento River near Hood Monthly Flow (C_SAC041), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	15,880	21,673	52,272	64,053	69,355	65,389	50,030	43,955	26,871	23,318	18,492	19,934
20%	14,301	14,907	36,892	53,504	61,701	51,567	35,348	31,875	19,944	22,635	17,974	19,328
30%	13,523	13,662	25,132	37,438	51,583	42,730	24,484	22,082	15,830	20,913	17,715	17,881
40%	12,180	13,195	17,751	27,327	40,102	32,660	20,461	16,938	14,332	20,024	17,129	16,801
50%	11,438	12,568	14,598	22,505	29,547	24,668	16,256	15,324	13,881	18,686	16,746	15,396
60%	9,503	11,440	13,968	19,398	23,421	21,622	12,537	13,202	13,500	17,952	15,529	12,491
70%	8,667	9,980	12,408	14,022	19,921	19,460	11,017	11,783	12,946	16,935	12,976	10,090
80%	7,396	8,433	10,467	12,437	17,317	15,829	10,721	11,060	11,882	15,218	10,556	9,467
90%	6,547	7,044	9,216	11,407	13,516	12,253	9,602	9,999	10,976	10,193	7,991	8,584

Table 5A-B3.2.9.1-B. Sacramento River near Hood Monthly Flow (C_SAC041), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11,567	13,833	23,010	30,632	37,168	32,710	22,922	20,835	17,119	18,288	14,933	14,549
Wet Water Years	13,673	18,509	38,106	50,948	59,731	51,815	39,851	33,121	23,635	20,310	17,265	19,111
Above Normal Water Years	11,640	12,975	20,541	38,982	43,664	39,609	22,806	25,712	19,288	20,696	18,428	18,217
Below Normal Water Years	11,201	13,188	17,922	20,975	26,619	24,239	15,902	15,416	13,790	20,292	16,708	13,923
Dry Water Years	10,634	11,360	12,402	14,529	23,715	20,001	12,559	11,881	13,705	17,058	11,541	9,607
Critical Water Years	8,635	8,389	12,896	13,517	15,203	13,696	9,621	9,075	10,427	10,147	8,024	8,259

Table 5A-B3.2.9.1-C. Sacramento River near Hood Monthly Flow (C_SAC041), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	15,500	20,103	49,852	60,955	67,518	64,296	47,946	41,277	23,938	20,899	18,235	19,890
20%	14,443	14,493	34,872	51,857	59,836	49,141	35,304	31,646	17,866	20,402	17,823	18,961
30%	13,537	13,386	23,480	35,441	50,230	40,772	24,530	21,162	14,898	19,306	17,161	17,724
40%	12,548	13,137	16,599	26,255	37,171	29,820	19,926	16,513	14,338	18,789	16,687	16,098
50%	11,380	12,436	14,536	21,335	27,942	22,101	16,081	14,634	13,957	18,162	16,078	13,564
60%	8,946	9,864	13,376	18,039	21,350	19,044	12,329	13,153	13,475	17,413	15,164	11,680
70%	8,196	8,362	11,571	13,234	18,301	17,087	11,351	11,797	12,970	16,328	13,392	9,826
80%	7,361	7,926	10,088	11,548	16,042	15,167	10,908	11,013	11,913	14,245	10,869	8,909
90%	6,572	7,036	8,835	10,784	13,137	11,774	9,808	10,042	11,006	10,022	8,026	8,483

Table 5A-B3.2.9.1-D. Sacramento River near Hood Monthly Flow (C_SAC041), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11,372	13,123	22,065	29,119	35,732	31,160	22,733	20,331	16,537	17,264	14,724	14,018
Wet Water Years	13,244	17,516	36,651	48,941	58,256	50,372	39,304	32,139	22,402	19,416	16,865	18,933
Above Normal Water Years	11,736	12,205	19,494	36,536	41,242	37,061	22,261	24,555	17,998	18,916	17,958	18,120
Below Normal Water Years	10,886	12,376	17,095	19,602	25,127	22,032	16,030	15,253	13,640	18,379	16,404	12,245
Dry Water Years	10,845	10,928	11,867	13,870	22,391	18,938	12,567	11,856	13,731	16,757	11,790	9,183
Critical Water Years	8,416	8,181	12,476	12,666	14,651	13,248	9,779	9,070	10,476	10,060	8,079	8,279

Table 5A-B3.2.9.1-E. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-380	-1,570	-2,420	-3,098	-1,838	-1,093	-2,084	-2,678	-2,933	-2,420	-257	-44
20%	143	-414	-2,020	-1,646	-1,864	-2,426	-44	-228	-2,079	-2,234	-150	-366
30%	14	-276	-1,652	-1,996	-1,353	-1,958	46	-921	-932	-1,606	-554	-157
40%	368	-58	-1,152	-1,072	-2,931	-2,840	-535	-425	6	-1,235	-441	-703
50%	-58	-132	-62	-1,169	-1,605	-2,568	-175	-690	76	-524	-669	-1,833
60%	-558	-1,576	-592	-1,359	-2,072	-2,578	-208	-49	-25	-539	-365	-811
70%	-471	-1,617	-837	-788	-1,620	-2,373	334	14	24	-606	416	-263
80%	-34	-508	-379	-889	-1,274	-662	187	-47	31	-974	313	-558
90%	24	-8	-382	-623	-379	-478	206	43	30	-171	35	-102

Table 5A-B3.2.9.1-F. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-195	-710	-945	-1,513	-1,436	-1,550	-189	-504	-581	-1,024	-208	-531
Wet Water Years	-429	-992	-1,455	-2,007	-1,474	-1,443	-547	-982	-1,233	-893	-400	-178
Above Normal Water Years	96	-770	-1,047	-2,446	-2,421	-2,548	-545	-1,157	-1,290	-1,780	-470	-97
Below Normal Water Years	-315	-812	-827	-1,373	-1,492	-2,208	128	-162	-150	-1,913	-304	-1,679
Dry Water Years	211	-431	-534	-659	-1,324	-1,063	8	-25	26	-300	248	-424
Critical Water Years	-219	-208	-420	-851	-552	-449	157	-5	50	-87	55	20

Table 5A-B3.2.9.2-A. Sacramento River near Hood Monthly Flow (C_SAC041), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	15,559	19,349	48,802	59,904	67,413	64,351	47,945	42,144	23,551	20,848	18,136	19,889
20%	14,572	14,489	34,050	50,917	58,678	50,212	35,346	31,046	17,858	20,417	17,839	18,802
30%	13,661	13,393	23,172	35,399	48,774	39,308	24,458	21,161	14,906	19,162	17,165	17,741
40%	12,583	13,148	16,443	25,768	36,188	28,576	19,419	16,563	14,421	18,452	16,637	15,792
50%	11,619	12,498	14,426	21,239	27,501	21,215	15,975	14,639	13,955	17,903	15,961	13,266
60%	8,934	9,667	13,217	17,750	21,051	18,594	12,405	13,247	13,414	17,371	15,120	11,407
70%	8,204	8,259	11,575	13,206	18,479	17,054	11,363	11,766	12,949	16,326	13,497	10,080
80%	7,639	7,803	10,091	11,516	16,063	15,039	10,969	11,003	12,063	14,359	10,869	8,896
90%	6,582	7,036	8,913	10,722	13,166	11,771	9,768	10,023	11,002	10,285	7,996	8,481

Table 5A-B3.2.9.2-B. Sacramento River near Hood Monthly Flow (C_SAC041), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11,408	13,042	21,790	28,703	35,291	30,788	22,661	20,344	16,453	17,168	14,695	13,922
Wet Water Years	13,257	17,460	36,046	48,340	57,863	50,211	39,112	32,153	22,323	19,366	16,938	18,874
Above Normal Water Years	11,654	12,168	19,159	35,866	40,325	36,204	22,050	24,646	17,514	18,714	17,876	17,841
Below Normal Water Years	10,991	12,197	16,926	19,251	24,574	21,421	16,032	15,244	13,638	18,025	16,180	12,055
Dry Water Years	10,849	10,879	11,905	13,614	22,005	18,626	12,648	11,851	13,704	16,881	11,797	9,207
Critical Water Years	8,532	8,124	12,437	12,585	14,631	13,146	9,790	9,071	10,534	10,116	8,138	8,275

Table 5A-B3.2.9.2-C. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-321	-2,325	-3,470	-4,148	-1,942	-1,038	-2,085	-1,812	-3,320	-2,470	-356	-45
20%	271	-418	-2,842	-2,586	-3,022	-1,355	-2	-828	-2,086	-2,218	-135	-526
30%	138	-268	-1,960	-2,038	-2,809	-3,422	-26	-922	-923	-1,750	-550	-140
40%	403	-47	-1,308	-1,559	-3,914	-4,084	-1,041	-375	89	-1,573	-492	-1,010
50%	181	-70	-172	-1,266	-2,046	-3,453	-281	-685	74	-783	-786	-2,130
60%	-569	-1,773	-751	-1,648	-2,370	-3,028	-133	45	-86	-581	-409	-1,084
70%	-463	-1,721	-833	-816	-1,442	-2,406	346	-17	3	-608	521	-9
80%	243	-631	-377	-922	-1,254	-790	248	-57	181	-859	313	-570
90%	35	-8	-304	-686	-349	-482	166	24	26	93	5	-104

Table 5A-B3.2.9.2-D. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-159	-791	-1,220	-1,928	-1,877	-1,922	-262	-491	-665	-1,120	-238	-627
Wet Water Years	-416	-1,049	-2,060	-2,608	-1,868	-1,604	-739	-968	-1,312	-943	-327	-237
Above Normal Water Years	14	-807	-1,382	-3,116	-3,339	-3,405	-756	-1,066	-1,774	-1,982	-552	-376
Below Normal Water Years	-210	-991	-996	-1,724	-2,045	-2,818	130	-172	-152	-2,267	-528	-1,868
Dry Water Years	216	-480	-497	-915	-1,710	-1,375	89	-30	-1	-177	256	-400
Critical Water Years	-103	-265	-459	-932	-572	-550	169	-4	107	-31	114	16

Table 5A-B3.2.9.3-A. Sacramento River near Hood Monthly Flow (C_SAC041), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	15,548	19,290	48,416	59,318	67,931	64,318	47,945	41,908	23,405	20,631	18,187	19,888
20%	14,583	14,518	33,313	50,023	58,439	50,415	35,391	30,722	17,860	20,196	17,838	18,540
30%	13,582	13,603	22,926	33,498	47,318	38,749	24,415	21,145	14,915	19,172	17,011	17,587
40%	12,748	13,147	16,317	25,163	35,988	29,335	19,425	16,561	14,334	18,549	16,605	15,714
50%	11,510	12,480	14,424	20,552	26,823	20,923	16,066	14,755	13,937	17,903	15,921	13,210
60%	8,935	9,626	13,221	17,167	21,051	18,353	12,438	13,227	13,433	17,392	15,213	11,284
70%	8,203	8,216	11,576	13,203	18,524	16,976	11,353	11,855	13,016	16,157	13,223	9,765
80%	7,608	7,765	10,080	11,623	15,948	14,913	10,969	10,978	12,042	14,473	10,788	8,907
90%	6,581	7,036	9,018	10,722	13,305	11,771	9,719	10,027	11,217	10,291	8,171	8,480

Table 5A-B3.2.9.3-B. Sacramento River near Hood Monthly Flow (C_SAC041), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11,410	13,025	21,590	28,389	35,029	30,593	22,657	20,315	16,442	17,140	14,673	13,882
Wet Water Years	13,264	17,425	35,600	47,829	57,624	50,139	39,085	32,056	22,344	19,326	16,913	18,809
Above Normal Water Years	11,591	12,254	19,036	35,202	39,965	36,090	22,045	24,586	17,410	18,693	17,854	17,959
Below Normal Water Years	10,999	12,112	16,769	19,091	24,209	21,099	16,048	15,243	13,654	17,971	16,173	11,965
Dry Water Years	10,863	10,874	11,846	13,552	21,699	18,234	12,676	11,917	13,733	16,852	11,722	9,125
Critical Water Years	8,554	8,148	12,467	12,461	14,620	13,044	9,775	9,066	10,440	10,147	8,161	8,278

Table 5A-B3.2.9.3-C. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-332	-2,384	-3,856	-4,735	-1,425	-1,071	-2,085	-2,048	-3,466	-2,688	-306	-45
20%	283	-388	-3,579	-3,481	-3,262	-1,152	43	-1,152	-2,084	-2,439	-136	-788
30%	59	-59	-2,206	-3,940	-4,265	-3,981	-68	-937	-915	-1,741	-703	-294
40%	568	-48	-1,434	-2,164	-4,114	-3,324	-1,035	-377	2	-1,476	-523	-1,088
50%	72	-88	-174	-1,953	-2,724	-3,746	-190	-569	56	-783	-825	-2,186
60%	-569	-1,814	-747	-2,231	-2,370	-3,269	-99	25	-67	-561	-316	-1,206
70%	-463	-1,764	-832	-819	-1,397	-2,484	336	72	70	-777	247	-324
80%	212	-668	-387	-815	-1,369	-916	247	-82	160	-746	232	-560
90%	33	-8	-199	-685	-211	-482	117	28	240	99	180	-104

Table 5A-B3.2.9.3-D. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-157	-808	-1,420	-2,243	-2,139	-2,117	-265	-519	-677	-1,148	-260	-667
Wet Water Years	-410	-1,083	-2,506	-3,119	-2,107	-1,676	-766	-1,065	-1,291	-983	-352	-302
Above Normal Water Years	-49	-721	-1,505	-3,780	-3,699	-3,519	-761	-1,126	-1,878	-2,003	-574	-258
Below Normal Water Years	-202	-1,076	-1,153	-1,884	-2,410	-3,140	146	-173	-136	-2,321	-535	-1,958
Dry Water Years	229	-486	-556	-977	-2,016	-1,767	117	36	28	-206	180	-482
Critical Water Years	-81	-241	-429	-1,056	-583	-652	153	-9	14	0	137	18

Table 5A-B3.2.9.4-A. Sacramento River near Hood Monthly Flow (C_SAC041), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	15,522	19,291	47,708	59,573	67,935	63,807	47,396	41,716	23,403	20,783	18,248	19,826
20%	14,602	14,594	32,933	49,015	58,867	50,408	35,437	30,561	17,863	20,305	17,830	18,730
30%	13,599	13,647	22,667	33,703	47,470	37,311	24,416	21,141	14,914	19,370	17,214	17,587
40%	12,782	13,143	16,465	24,633	35,825	28,905	19,435	16,555	14,328	18,280	16,803	15,739
50%	11,449	12,538	14,423	19,870	25,663	20,955	16,155	14,755	13,931	17,861	15,946	13,199
60%	8,972	9,629	13,207	16,943	21,052	18,353	12,481	13,124	13,402	17,205	15,018	11,650
70%	8,185	8,197	11,737	13,190	18,284	16,864	11,350	11,902	12,771	16,183	13,445	9,757
80%	7,669	7,686	10,160	11,622	16,002	14,912	10,893	10,960	11,845	14,367	10,899	8,910
90%	6,563	7,036	8,924	10,761	13,952	11,775	9,719	10,019	10,975	10,143	8,125	8,455

Table 5A-B3.2.9.4-B. Sacramento River near Hood Monthly Flow (C_SAC041), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11,437	12,977	21,470	28,194	34,980	30,428	22,668	20,287	16,416	17,106	14,693	13,931
Wet Water Years	13,261	17,328	35,347	47,605	57,577	50,096	39,043	32,030	22,342	19,318	16,932	18,824
Above Normal Water Years	11,625	12,220	18,982	34,803	39,908	35,768	22,122	24,457	17,406	18,648	18,001	18,047
Below Normal Water Years	11,041	12,037	16,721	18,893	24,181	20,880	16,097	15,235	13,616	18,026	16,299	12,107
Dry Water Years	10,941	10,888	11,813	13,509	21,539	17,945	12,727	11,913	13,684	16,664	11,521	9,129
Critical Water Years	8,560	8,170	12,368	12,335	14,665	12,973	9,735	9,059	10,389	10,100	8,159	8,275

Table 5A-B3.2.9.4-C. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-358	-2,383	-4,564	-4,480	-1,421	-1,582	-2,634	-2,239	-3,467	-2,535	-244	-108
20%	302	-313	-3,959	-4,489	-2,834	-1,159	89	-1,313	-2,081	-2,330	-143	-597
30%	77	-14	-2,465	-3,734	-4,113	-5,419	-67	-941	-915	-1,542	-501	-294
40%	602	-52	-1,286	-2,694	-4,277	-3,755	-1,025	-382	-4	-1,745	-326	-1,062
50%	11	-30	-175	-2,635	-3,884	-3,713	-100	-569	50	-825	-800	-2,197
60%	-531	-1,811	-761	-2,455	-2,370	-3,269	-57	-78	-98	-748	-511	-841
70%	-482	-1,783	-672	-832	-1,637	-2,596	333	118	-175	-752	469	-333
80%	274	-747	-307	-815	-1,315	-917	171	-100	-38	-851	343	-556
90%	16	-8	-292	-646	436	-478	117	20	-1	-49	134	-129

Table 5A-B3.2.9.4-D. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-130	-856	-1,540	-2,438	-2,188	-2,282	-254	-548	-703	-1,182	-240	-618
Wet Water Years	-412	-1,181	-2,760	-3,343	-2,153	-1,718	-808	-1,091	-1,293	-991	-333	-287
Above Normal Water Years	-15	-755	-1,559	-4,179	-3,756	-3,840	-684	-1,254	-1,882	-2,048	-427	-170
Below Normal Water Years	-160	-1,151	-1,201	-2,082	-2,438	-3,359	196	-181	-174	-2,266	-410	-1,816
Dry Water Years	308	-472	-589	-1,020	-2,176	-2,056	168	32	-21	-394	-20	-478
Critical Water Years	-75	-219	-528	-1,183	-538	-723	114	-17	-37	-47	135	16

Table 5A-B3.2.9.5-A. Sacramento River near Hood Monthly Flow (C_SAC041), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	15,547	18,712	48,416	59,407	67,931	64,318	47,945	41,906	23,405	20,632	18,187	19,889
20%	14,584	14,517	33,314	50,020	58,168	50,415	35,390	30,346	17,860	20,197	17,838	18,537
30%	13,585	13,399	23,202	33,497	47,318	38,749	24,415	21,145	14,915	19,171	17,011	17,710
40%	12,558	13,148	16,318	25,162	35,988	29,334	19,425	16,563	14,334	18,549	16,605	15,714
50%	11,177	12,479	14,427	20,552	26,823	20,915	16,066	14,755	13,938	17,862	15,951	13,210
60%	8,935	9,626	13,220	17,166	21,051	18,353	12,440	13,232	13,433	17,392	15,213	11,382
70%	8,204	8,217	11,576	13,204	18,524	16,976	11,353	11,855	13,016	16,157	13,223	9,786
80%	7,658	7,770	10,080	11,622	15,948	14,913	10,969	10,978	12,042	14,473	10,788	8,907
90%	6,581	7,036	9,012	10,722	13,305	11,771	9,719	10,027	11,200	10,289	8,171	8,480

Table 5A-B3.2.9.5-B. Sacramento River near Hood Monthly Flow (C_SAC041), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11,387	12,970	21,591	28,392	35,009	30,592	22,657	20,312	16,415	17,140	14,682	13,882
Wet Water Years	13,258	17,347	35,607	47,825	57,586	50,140	39,084	32,045	22,314	19,337	16,913	18,782
Above Normal Water Years	11,588	12,176	19,036	35,215	39,926	36,089	22,045	24,585	17,270	18,666	17,854	18,032
Below Normal Water Years	10,974	12,054	16,783	19,090	24,213	21,086	16,047	15,243	13,654	17,972	16,191	11,961
Dry Water Years	10,862	10,837	11,845	13,570	21,738	18,234	12,676	11,917	13,734	16,856	11,752	9,127
Critical Water Years	8,453	8,149	12,439	12,461	14,543	13,052	9,774	9,066	10,441	10,144	8,158	8,278

Table 5A-B3.2.9.5-C. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-332	-2,961	-3,856	-4,645	-1,425	-1,070	-2,085	-2,049	-3,466	-2,687	-305	-45
20%	283	-389	-3,578	-3,484	-3,533	-1,152	42	-1,529	-2,084	-2,439	-136	-791
30%	63	-263	-1,930	-3,940	-4,265	-3,981	-68	-937	-915	-1,741	-703	-171
40%	378	-48	-1,433	-2,165	-4,114	-3,326	-1,035	-374	2	-1,475	-523	-1,087
50%	-261	-89	-171	-1,953	-2,724	-3,753	-190	-569	57	-824	-795	-2,186
60%	-569	-1,814	-748	-2,232	-2,370	-3,269	-97	29	-67	-560	-316	-1,109
70%	-463	-1,762	-833	-819	-1,397	-2,484	336	72	70	-777	247	-304
80%	262	-663	-387	-815	-1,369	-916	247	-82	160	-745	233	-560
90%	34	-8	-204	-685	-211	-482	117	28	224	96	180	-104

Table 5A-B3.2.9.5-D. Sacramento River near Hood Monthly Flow (C_SAC041), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-181	-863	-1,419	-2,239	-2,159	-2,118	-265	-523	-704	-1,147	-251	-667
Wet Water Years	-416	-1,162	-2,499	-3,123	-2,144	-1,674	-766	-1,076	-1,321	-972	-352	-329
Above Normal Water Years	-52	-799	-1,505	-3,767	-3,738	-3,520	-761	-1,126	-2,018	-2,030	-574	-185
Below Normal Water Years	-227	-1,134	-1,139	-1,885	-2,406	-3,153	146	-173	-136	-2,320	-517	-1,962
Dry Water Years	229	-523	-557	-958	-1,977	-1,767	117	36	29	-201	210	-480
Critical Water Years	-182	-240	-457	-1,057	-660	-644	153	-10	15	-3	134	18

B.2.10 Sacramento River at Rio Vista

Figure 5A-B3.2.10.1-A. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Probability of Exceedance for Existing Conditions, October to March

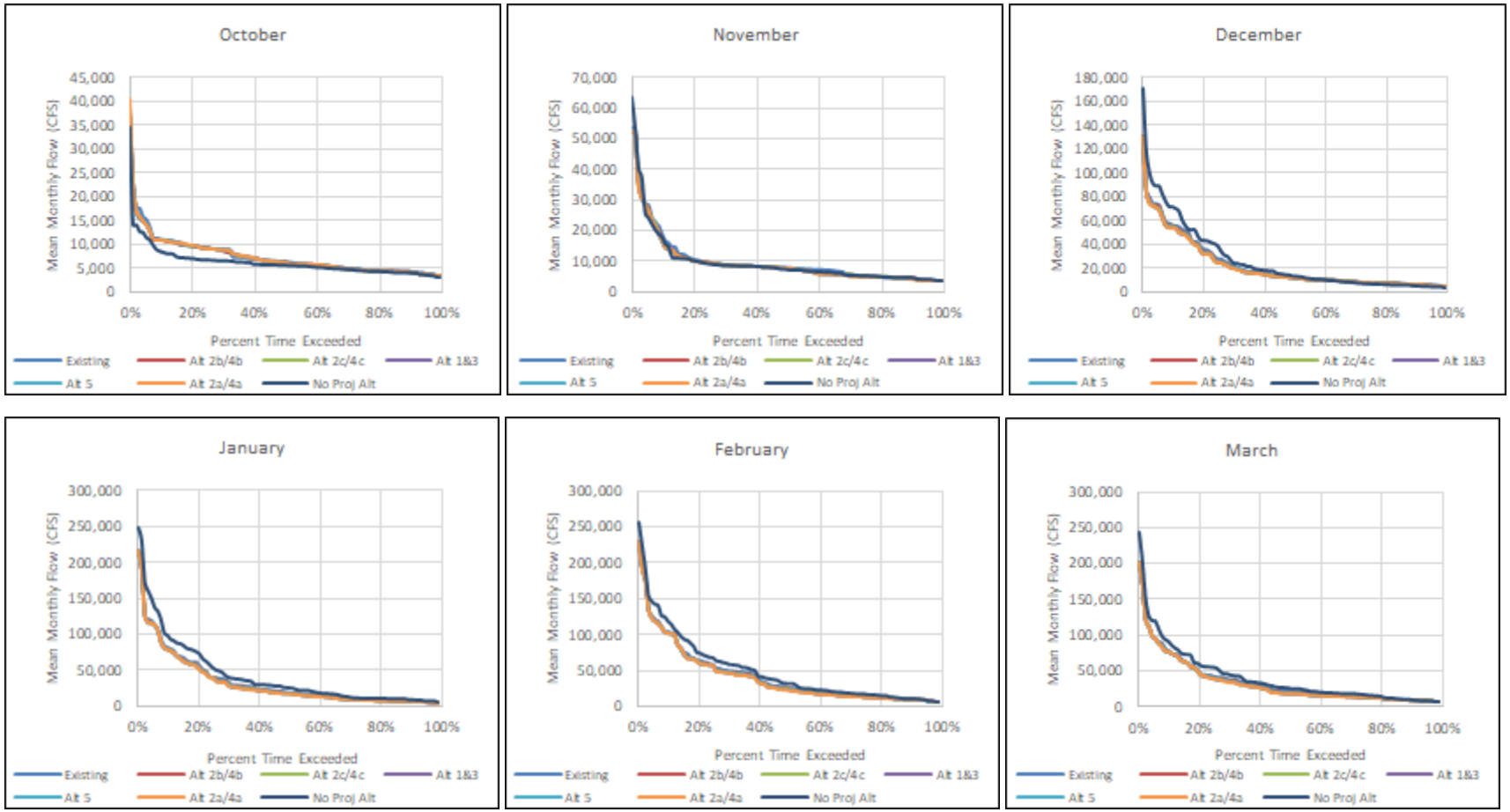


Figure 5A-B3.2.10.1-B. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Probability of Exceedance for Existing Conditions, April to September

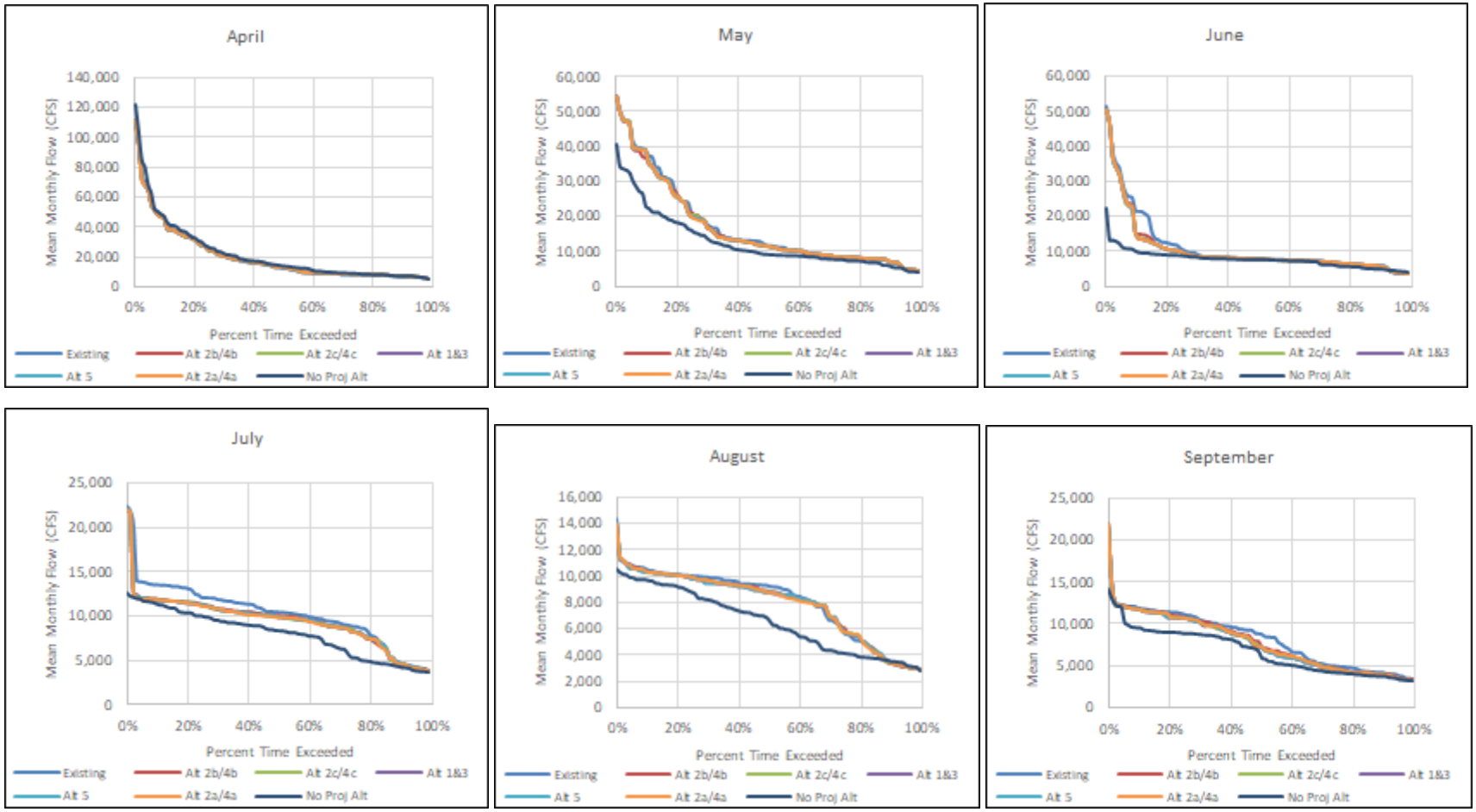


Table 5A-B3.2.10.1-A. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	10,989	18,232	55,766	81,699	104,646	77,317	44,015	38,197	21,472	13,546	10,518	11,881
20%	9,497	10,491	35,887	58,755	64,984	48,679	31,897	26,193	12,294	13,135	10,105	11,401
30%	8,836	8,762	21,609	34,721	50,427	38,295	21,001	17,657	9,036	11,888	9,927	10,495
40%	6,944	8,242	14,935	24,851	38,020	29,404	16,445	13,198	7,975	11,357	9,556	9,655
50%	6,304	7,835	11,736	20,035	26,938	21,660	12,758	11,636	7,670	10,443	9,255	8,767
60%	5,614	7,156	9,705	15,842	21,188	18,148	9,497	9,929	7,394	9,951	8,466	6,738
70%	4,940	5,751	8,221	10,950	16,432	15,777	8,219	8,666	7,047	9,270	6,655	5,222
80%	4,441	4,867	7,028	9,603	14,263	12,904	7,936	8,083	6,290	8,145	5,049	4,707
90%	4,248	4,473	5,769	8,324	10,670	9,594	6,814	7,075	5,690	4,737	3,374	4,141

Table 5A-B3.2.10.1-B. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7,545	10,030	22,290	35,079	44,362	35,270	20,526	16,873	10,958	10,359	8,053	8,247
Wet Water Years	9,635	15,091	41,842	68,926	83,894	65,441	39,009	27,989	16,971	11,950	9,643	11,471
Above Normal Water Years	6,892	8,872	18,226	40,871	48,091	39,225	19,026	21,273	13,119	12,207	10,423	10,647
Below Normal Water Years	7,089	8,961	15,453	18,096	24,720	20,823	12,689	11,902	7,634	11,522	9,242	7,799
Dry Water Years	6,478	7,311	8,867	11,866	21,962	16,687	9,701	8,815	7,553	9,335	5,726	4,761
Critical Water Years	5,561	4,969	9,958	10,800	12,918	11,171	6,894	6,304	5,333	4,708	3,404	3,968

Table 5A-B3.2.10.1-C. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	10,939	16,912	55,032	79,563	102,582	77,239	43,874	36,118	14,935	11,963	10,278	11,801
20%	9,718	10,068	33,677	55,790	63,386	46,517	31,943	26,192	10,580	11,598	10,015	11,118
30%	8,574	8,620	20,156	31,650	48,819	36,646	21,002	16,747	8,471	10,837	9,664	10,297
40%	6,895	8,185	14,601	23,298	35,770	27,430	16,256	12,898	8,044	10,514	9,245	9,143
50%	6,231	7,493	11,330	18,862	26,155	19,448	12,796	11,224	7,722	10,088	8,808	7,518
60%	5,695	6,121	9,529	14,692	18,928	15,905	9,225	9,967	7,364	9,570	8,217	6,189
70%	4,799	5,547	7,698	10,340	15,274	14,291	8,400	8,695	7,066	8,861	6,956	5,041
80%	4,468	4,795	6,666	8,865	13,301	12,136	8,017	7,933	6,279	7,465	5,269	4,230
90%	4,226	4,495	5,589	7,986	10,513	9,053	7,053	7,095	5,715	4,614	3,387	3,952

Table 5A-B3.2.10.1-D. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7,453	9,585	21,505	33,777	43,123	33,927	20,362	16,449	10,285	9,612	7,912	7,870
Wet Water Years	9,482	14,412	40,632	67,214	82,537	64,205	38,538	27,176	15,744	11,342	9,373	11,351
Above Normal Water Years	7,121	8,319	17,346	38,719	45,981	36,931	18,555	20,278	11,041	10,583	10,106	10,581
Below Normal Water Years	6,979	8,411	14,758	16,918	23,554	18,931	12,796	11,763	7,530	10,233	9,037	6,667
Dry Water Years	6,444	7,112	8,445	11,302	20,826	15,774	9,705	8,793	7,572	9,132	5,893	4,472
Critical Water Years	5,291	4,996	9,612	10,069	12,444	10,784	7,029	6,295	5,368	4,648	3,442	3,858

Table 5A-B3.2.10.1-E. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-49	-1,320	-734	-2,136	-2,063	-78	-140	-2,079	-6,537	-1,583	-240	-79
20%	221	-424	-2,210	-2,965	-1,598	-2,162	45	0	-1,714	-1,537	-90	-283
30%	-261	-142	-1,453	-3,071	-1,608	-1,649	1	-910	-565	-1,051	-263	-198
40%	-49	-57	-334	-1,552	-2,250	-1,973	-189	-299	69	-843	-311	-512
50%	-73	-342	-407	-1,173	-783	-2,211	38	-412	51	-355	-447	-1,248
60%	81	-1,035	-177	-1,150	-2,260	-2,243	-272	38	-30	-381	-248	-549
70%	-141	-204	-523	-610	-1,158	-1,485	181	30	19	-408	301	-181
80%	28	-72	-361	-738	-962	-767	81	-150	-10	-680	220	-477
90%	-21	22	-180	-338	-156	-541	239	20	25	-123	13	-188

Table 5A-B3.2.10.1-F. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-92	-446	-784	-1,302	-1,239	-1,343	-164	-424	-673	-746	-141	-377
Wet Water Years	-153	-679	-1,210	-1,713	-1,357	-1,235	-471	-814	-1,226	-608	-270	-120
Above Normal Water Years	229	-554	-880	-2,152	-2,110	-2,295	-470	-995	-2,078	-1,624	-317	-66
Below Normal Water Years	-111	-550	-694	-1,178	-1,166	-1,892	108	-139	-104	-1,289	-205	-1,132
Dry Water Years	-34	-198	-422	-565	-1,136	-913	4	-22	18	-202	166	-289
Critical Water Years	-270	27	-347	-731	-474	-387	135	-9	35	-60	37	-110

Table 5A-B3.2.10.2-A. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	10,927	16,337	54,427	78,869	103,011	77,167	44,017	37,823	14,675	11,861	10,217	11,800
20%	9,694	10,086	32,817	54,539	62,583	46,976	31,623	25,815	10,575	11,598	10,015	11,075
30%	8,847	8,619	19,892	31,715	48,224	35,467	20,561	16,746	8,476	10,760	9,652	10,288
40%	7,054	8,211	14,581	22,750	34,720	26,578	16,007	12,899	8,050	10,284	9,169	9,074
50%	6,235	7,574	11,271	18,807	25,323	18,514	12,784	11,224	7,718	9,936	8,736	7,314
60%	5,664	5,833	9,398	14,489	18,450	15,562	9,311	9,966	7,359	9,525	8,187	6,031
70%	4,794	5,579	7,696	10,335	15,290	14,059	8,399	8,693	7,049	8,820	7,026	5,116
80%	4,442	4,805	6,670	8,853	13,353	12,020	8,072	7,961	6,394	7,543	5,329	4,232
90%	4,185	4,330	5,666	7,963	10,555	9,057	7,026	7,080	5,714	4,774	3,366	3,944

Table 5A-B3.2.10.2-B. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7,481	9,564	21,249	33,420	42,737	33,612	20,300	16,461	10,224	9,548	7,892	7,805
Wet Water Years	9,496	14,369	40,054	66,692	82,258	64,073	38,373	27,186	15,690	11,308	9,422	11,311
Above Normal Water Years	7,067	8,527	17,042	38,156	45,135	36,158	18,374	20,366	10,685	10,447	10,050	10,393
Below Normal Water Years	7,050	8,261	14,616	16,616	23,005	18,436	12,799	11,755	7,528	9,994	8,886	6,540
Dry Water Years	6,447	7,159	8,478	11,082	20,489	15,506	9,773	8,789	7,553	9,215	5,899	4,488
Critical Water Years	5,379	4,951	9,575	9,999	12,427	10,696	7,039	6,295	5,408	4,686	3,481	3,855

Table 5A-B3.2.10.2-C. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-62	-1,895	-1,339	-2,830	-1,634	-150	3	-374	-6,797	-1,685	-301	-81
20%	197	-405	-3,070	-4,216	-2,401	-1,703	-274	-378	-1,719	-1,537	-90	-325
30%	11	-143	-1,717	-3,006	-2,204	-2,828	-440	-911	-559	-1,128	-276	-207
40%	111	-31	-354	-2,101	-3,300	-2,826	-438	-299	75	-1,073	-387	-581
50%	-69	-261	-466	-1,229	-1,615	-3,145	26	-413	48	-507	-519	-1,453
60%	50	-1,323	-307	-1,353	-2,738	-2,587	-186	37	-35	-426	-279	-708
70%	-146	-172	-525	-615	-1,142	-1,718	180	27	1	-450	372	-107
80%	1	-61	-358	-750	-909	-884	137	-122	104	-602	281	-475
90%	-62	-143	-102	-361	-115	-537	212	5	24	37	-8	-197

Table 5A-B3.2.10.2-D. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-64	-467	-1,041	-1,659	-1,625	-1,659	-227	-412	-733	-811	-160	-442
Wet Water Years	-139	-722	-1,788	-2,234	-1,637	-1,368	-636	-803	-1,281	-642	-220	-160
Above Normal Water Years	175	-345	-1,184	-2,715	-2,956	-3,067	-652	-906	-2,434	-1,761	-372	-254
Below Normal Water Years	-39	-700	-837	-1,481	-1,715	-2,387	110	-147	-106	-1,528	-356	-1,260
Dry Water Years	-30	-152	-389	-785	-1,473	-1,181	71	-26	-1	-119	173	-274
Critical Water Years	-182	-18	-384	-801	-491	-474	145	-9	75	-22	77	-113

Table 5A-B3.2.10.3-A. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	10,912	16,249	53,672	78,511	103,071	76,896	44,017	37,563	14,550	11,752	10,234	11,800
20%	9,714	10,128	32,212	53,358	61,598	47,151	31,349	25,620	10,577	11,454	10,009	10,829
30%	8,846	8,619	19,681	29,772	47,847	34,928	20,240	16,699	8,478	10,821	9,413	10,270
40%	7,052	8,210	14,476	22,632	34,168	26,690	16,010	13,025	8,042	10,349	9,156	9,022
50%	6,191	7,571	11,323	18,364	24,061	18,151	12,817	11,328	7,664	9,935	8,692	7,291
60%	5,706	5,805	9,461	14,221	18,420	15,324	9,312	9,958	7,360	9,554	8,242	5,988
70%	4,789	5,177	7,712	10,349	15,290	13,952	8,399	8,705	7,069	8,721	6,832	4,864
80%	4,443	4,748	6,711	8,796	13,268	11,902	8,072	7,946	6,414	7,605	5,241	4,238
90%	4,105	4,222	5,670	7,971	10,823	9,052	6,964	7,083	5,742	4,778	3,431	3,942

Table 5A-B3.2.10.3-B. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7,486	9,532	21,080	33,162	42,537	33,444	20,297	16,429	10,218	9,529	7,878	7,778
Wet Water Years	9,511	14,353	39,683	66,268	82,064	64,012	38,350	27,074	15,710	11,281	9,406	11,267
Above Normal Water Years	7,023	8,499	16,920	37,646	44,860	36,053	18,369	20,318	10,612	10,432	10,036	10,473
Below Normal Water Years	7,056	8,191	14,485	16,478	22,761	18,159	12,813	11,754	7,539	9,958	8,881	6,479
Dry Water Years	6,450	7,159	8,428	11,029	20,226	15,168	9,797	8,846	7,573	9,196	5,848	4,432
Critical Water Years	5,401	4,907	9,602	9,893	12,418	10,609	7,026	6,298	5,343	4,706	3,497	3,857

Table 5A-B3.2.10.3-C. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-77	-1,982	-2,093	-3,188	-1,575	-421	2	-634	-6,922	-1,793	-284	-81
20%	217	-363	-3,675	-5,396	-3,386	-1,528	-548	-573	-1,718	-1,682	-95	-572
30%	10	-144	-1,928	-4,949	-2,581	-3,367	-761	-957	-558	-1,067	-515	-225
40%	108	-32	-459	-2,219	-3,852	-2,714	-435	-172	67	-1,008	-400	-633
50%	-112	-265	-414	-1,671	-2,877	-3,508	59	-308	-6	-508	-563	-1,476
60%	92	-1,351	-244	-1,620	-2,769	-2,824	-185	30	-34	-397	-223	-751
70%	-152	-574	-509	-601	-1,142	-1,825	180	39	21	-548	178	-358
80%	2	-119	-317	-807	-994	-1,002	136	-137	124	-540	193	-469
90%	-142	-251	-99	-353	153	-542	150	9	53	41	57	-199

Table 5A-B3.2.10.3-D. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-59	-498	-1,210	-1,917	-1,825	-1,827	-229	-444	-740	-830	-175	-469
Wet Water Years	-124	-737	-2,159	-2,659	-1,830	-1,428	-659	-915	-1,260	-669	-237	-203
Above Normal Water Years	131	-373	-1,305	-3,225	-3,232	-3,172	-656	-954	-2,507	-1,775	-387	-174
Below Normal Water Years	-33	-769	-968	-1,618	-1,959	-2,664	125	-148	-95	-1,564	-361	-1,320
Dry Water Years	-28	-152	-439	-838	-1,737	-1,519	96	31	20	-139	122	-330
Critical Water Years	-160	-62	-356	-907	-501	-562	131	-7	10	-1	92	-112

Table 5A-B3.2.10.4-A. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	10,899	16,227	53,464	78,461	103,107	76,713	44,018	37,534	14,549	11,840	10,275	11,759
20%	9,800	10,011	31,871	52,852	62,136	47,147	31,391	25,528	10,579	11,498	10,003	11,007
30%	8,841	8,617	19,116	28,951	47,739	33,789	20,243	16,696	8,480	10,859	9,594	10,285
40%	7,217	8,205	14,372	22,463	34,516	26,733	16,018	13,020	8,039	10,206	9,250	9,030
50%	6,155	7,621	11,324	17,948	23,440	18,042	12,850	11,328	7,660	9,881	8,699	7,290
60%	5,764	5,812	9,474	14,149	18,423	15,320	9,309	9,944	7,353	9,437	8,097	6,184
70%	4,795	5,149	7,782	10,458	15,269	13,832	8,397	8,710	7,040	8,744	6,971	4,826
80%	4,448	4,721	6,704	8,745	13,263	11,902	8,055	7,938	6,340	7,533	5,388	4,240
90%	4,175	4,140	5,674	7,943	11,306	9,059	6,964	7,077	5,711	4,679	3,412	3,943

Table 5A-B3.2.10.4-B. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7,539	9,506	20,973	33,005	42,507	33,290	20,307	16,404	10,200	9,506	7,891	7,812
Wet Water Years	9,673	14,268	39,452	66,096	82,039	63,977	38,313	27,053	15,708	11,276	9,419	11,277
Above Normal Water Years	7,047	8,450	16,886	37,321	44,860	35,793	18,437	20,197	10,609	10,403	10,135	10,532
Below Normal Water Years	7,105	8,203	14,443	16,311	22,744	17,910	12,857	11,747	7,513	9,994	8,966	6,574
Dry Water Years	6,369	7,169	8,399	10,992	20,089	14,919	9,840	8,842	7,538	9,070	5,711	4,436
Critical Water Years	5,406	4,924	9,510	9,784	12,454	10,548	6,992	6,291	5,307	4,675	3,496	3,855

Table 5A-B3.2.10.4-C. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-90	-2,005	-2,301	-3,238	-1,539	-603	4	-663	-6,923	-1,705	-243	-122
20%	303	-480	-4,016	-5,903	-2,849	-1,532	-507	-665	-1,715	-1,637	-102	-394
30%	5	-145	-2,493	-5,770	-2,689	-4,506	-759	-961	-556	-1,029	-333	-209
40%	273	-37	-564	-2,388	-3,504	-2,670	-427	-178	64	-1,151	-306	-625
50%	-148	-215	-413	-2,087	-3,497	-3,617	92	-308	-10	-563	-556	-1,476
60%	149	-1,344	-232	-1,692	-2,766	-2,828	-189	15	-41	-514	-369	-554
70%	-146	-602	-440	-492	-1,164	-1,945	178	45	-7	-525	316	-396
80%	7	-146	-324	-858	-1,000	-1,002	119	-145	51	-612	339	-467
90%	-73	-333	-95	-381	636	-535	150	2	21	-58	37	-198

Table 5A-B3.2.10.4-D. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-6	-524	-1,317	-2,074	-1,855	-1,981	-220	-470	-758	-853	-162	-435
Wet Water Years	37	-822	-2,390	-2,830	-1,855	-1,464	-696	-937	-1,262	-674	-224	-194
Above Normal Water Years	155	-422	-1,340	-3,550	-3,232	-3,432	-589	-1,076	-2,510	-1,805	-288	-114
Below Normal Water Years	16	-758	-1,010	-1,785	-1,977	-2,913	168	-155	-121	-1,527	-276	-1,225
Dry Water Years	-109	-142	-468	-874	-1,873	-1,768	139	28	-15	-265	-15	-326
Critical Water Years	-156	-45	-448	-1,015	-464	-623	97	-14	-26	-33	91	-113

Table 5A-B3.2.10.5-A. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	10,912	15,828	53,955	78,510	102,559	76,894	44,017	37,563	14,550	11,752	10,234	11,800
20%	9,717	9,903	32,212	53,503	62,025	47,151	31,341	25,342	10,577	11,454	10,010	10,824
30%	8,846	8,618	19,681	29,773	47,847	34,928	20,240	16,699	8,478	10,821	9,413	10,268
40%	7,052	8,210	14,475	22,632	34,167	26,689	16,010	13,027	8,042	10,350	9,156	9,022
50%	5,998	7,570	11,324	18,365	24,061	18,161	12,814	11,328	7,664	9,894	8,715	7,291
60%	5,671	5,805	9,463	14,225	18,419	15,324	9,314	9,959	7,360	9,556	8,266	6,022
70%	4,794	5,177	7,713	10,349	15,290	13,952	8,399	8,705	7,069	8,721	6,834	4,880
80%	4,443	4,751	6,711	8,795	13,250	11,902	8,072	7,946	6,414	7,605	5,242	4,238
90%	4,106	4,222	5,666	7,978	10,823	9,052	6,964	7,084	5,731	4,777	3,431	3,942

Table 5A-B3.2.10.5-B. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7,470	9,487	21,080	33,168	42,527	33,443	20,297	16,426	10,195	9,529	7,884	7,778
Wet Water Years	9,504	14,288	39,685	66,271	82,043	64,014	38,350	27,065	15,685	11,289	9,405	11,249
Above Normal Water Years	7,021	8,433	16,921	37,658	44,826	36,052	18,369	20,318	10,491	10,414	10,036	10,522
Below Normal Water Years	7,034	8,143	14,497	16,478	22,776	18,148	12,813	11,754	7,539	9,958	8,894	6,476
Dry Water Years	6,462	7,127	8,427	11,044	20,272	15,168	9,797	8,846	7,574	9,199	5,868	4,434
Critical Water Years	5,333	4,908	9,580	9,892	12,352	10,615	7,025	6,298	5,344	4,704	3,495	3,857

Table 5A-B3.2.10.5-C. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-77	-2,404	-1,811	-3,189	-2,086	-422	3	-634	-6,922	-1,793	-284	-81
20%	220	-588	-3,676	-5,252	-2,959	-1,528	-556	-850	-1,718	-1,681	-95	-576
30%	10	-144	-1,928	-4,949	-2,581	-3,367	-762	-957	-558	-1,067	-514	-226
40%	108	-32	-460	-2,219	-3,853	-2,715	-435	-170	67	-1,008	-400	-633
50%	-305	-266	-413	-1,670	-2,877	-3,498	56	-308	-6	-549	-540	-1,476
60%	57	-1,351	-243	-1,617	-2,769	-2,824	-184	31	-34	-395	-200	-716
70%	-146	-574	-509	-601	-1,142	-1,825	180	39	21	-548	179	-342
80%	2	-116	-316	-807	-1,013	-1,002	136	-137	124	-540	193	-469
90%	-141	-251	-102	-347	153	-542	150	9	42	40	57	-199

Table 5A-B3.2.10.5-D. Sacramento River at Rio Vista Monthly Flow (C_SAC017), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-75	-544	-1,210	-1,911	-1,835	-1,828	-229	-447	-763	-829	-169	-469
Wet Water Years	-132	-803	-2,157	-2,655	-1,851	-1,427	-659	-924	-1,286	-661	-237	-222
Above Normal Water Years	129	-440	-1,305	-3,213	-3,266	-3,173	-656	-955	-2,628	-1,793	-387	-125
Below Normal Water Years	-55	-817	-956	-1,619	-1,944	-2,675	124	-148	-95	-1,564	-348	-1,323
Dry Water Years	-16	-183	-440	-822	-1,690	-1,519	96	31	21	-136	142	-328
Critical Water Years	-228	-61	-378	-907	-567	-555	131	-7	10	-3	90	-112

B.2.11 Fremont Weir Spills

Figure 5A-B3.2.11.1-A. Fremont Weir Spills Monthly Flow (C_YBP037), Probability of Exceedance for Existing Conditions, October to March

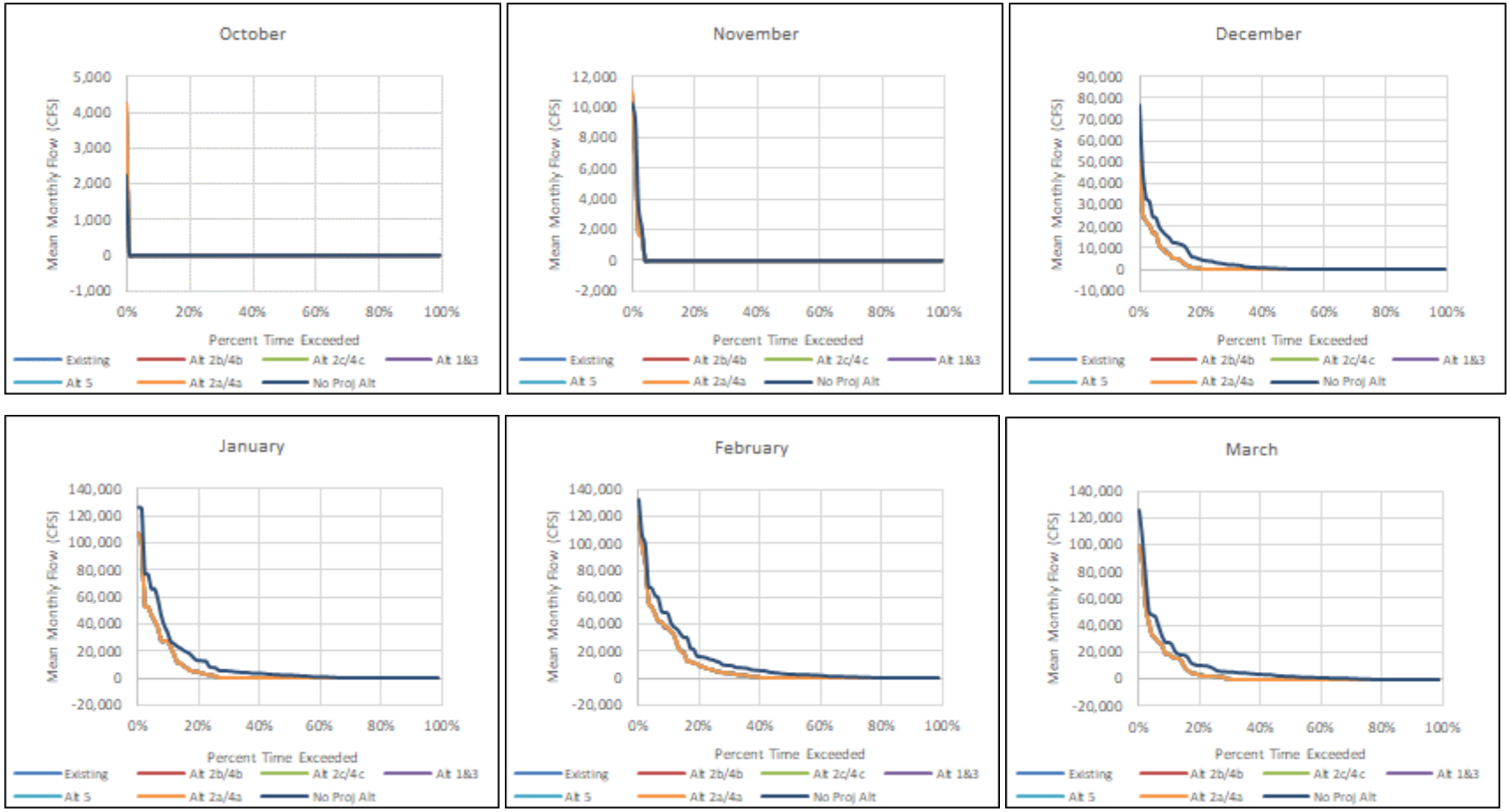


Figure 5A-B3.2.11.1-B. Fremont Weir Spills Monthly Flow (C_YBP037), Probability of Exceedance for Existing Conditions, April to September

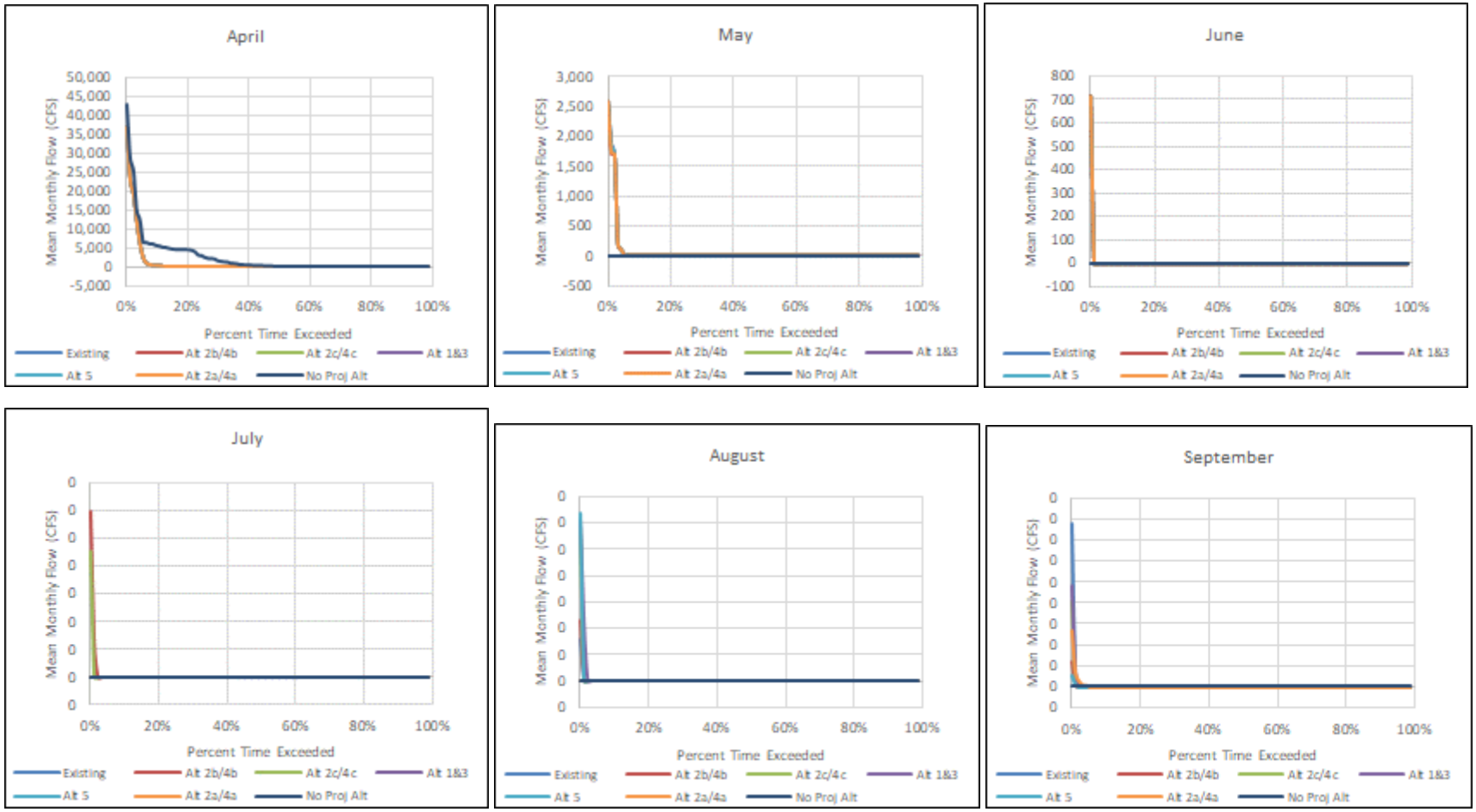


Table 5A-B3.2.11.1-A. Fremont Weir Spills Monthly Flow (C_YBP037), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	6,526	25,855	36,168	18,597	359	0	0	0	0	0
20%	0	0	219	4,431	9,339	4,110	0	0	0	0	0	0
30%	0	0	0	27	3,586	544	0	0	0	0	0	0
40%	0	0	0	0	257	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-B3.2.11.1-B. Fremont Weir Spills Monthly Flow (C_YBP037), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	42	218	2,255	6,686	9,220	5,936	1,093	67	8	0	0	0
Wet Water Years	133	683	6,481	18,736	25,147	16,691	3,421	152	24	0	0	0
Above Normal Water Years	0	0	116	5,326	6,120	4,102	4	146	0	0	0	0
Below Normal Water Years	0	0	735	113	1,184	362	5	0	0	0	0	0
Dry Water Years	0	0	0	0	797	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.2.11.1-C. Fremont Weir Spills Monthly Flow (C_YBP037), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	6,540	25,831	36,147	18,564	318	0	0	0	0	0
20%	0	0	312	4,412	9,383	3,527	0	0	0	0	0	0
30%	0	0	0	29	3,628	542	0	0	0	0	0	0
40%	0	0	0	0	682	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-B3.2.11.1-D. Fremont Weir Spills Monthly Flow (C_YBP037), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	45	225	2,262	6,683	9,198	5,923	1,092	67	8	0	0	0
Wet Water Years	142	705	6,496	18,742	25,064	16,693	3,417	152	24	0	0	0
Above Normal Water Years	0	0	114	5,284	6,082	3,995	2	142	0	0	0	0
Below Normal Water Years	0	0	744	113	1,228	366	5	0	0	0	0	0
Dry Water Years	0	0	0	0	793	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.2.11.1-E. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	14	-24	-20	-33	-41	0	0	0	0	0
20%	0	0	94	-19	44	-583	0	0	0	0	0	0
30%	0	0	0	2	43	-2	0	0	0	0	0	0
40%	0	0	0	0	425	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-B3.2.11.1-F. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	7	7	-3	-22	-12	-2	0	0	0	0	0
Wet Water Years	9	22	15	6	-83	2	-4	1	0	0	0	0
Above Normal Water Years	0	0	-2	-41	-38	-108	-2	-5	0	0	0	0
Below Normal Water Years	0	0	9	0	44	4	0	0	0	0	0	0
Dry Water Years	0	0	0	0	-4	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.2.11.2-A. Fremont Weir Spills Monthly Flow (C_YBP037), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	6,568	25,837	36,197	18,566	318	0	0	0	0	0
20%	0	0	273	4,414	9,351	3,909	0	0	0	0	0	0
30%	0	0	0	28	3,630	543	0	0	0	0	0	0
40%	0	0	0	0	520	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-B3.2.11.2-B. Fremont Weir Spills Monthly Flow (C_YBP037), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	42	225	2,244	6,683	9,208	5,927	1,092	68	8	0	0	0
Wet Water Years	133	706	6,444	18,739	25,122	16,700	3,417	152	24	0	0	0
Above Normal Water Years	0	0	109	5,296	6,028	3,959	1	152	0	0	0	0
Below Normal Water Years	0	0	743	113	1,222	395	5	0	0	0	0	0
Dry Water Years	0	0	0	0	788	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.2.11.2-C. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	41	-18	29	-32	-41	0	0	0	0	0
20%	0	0	54	-17	11	-200	0	0	0	0	0	0
30%	0	0	0	1	45	-1	0	0	0	0	0	0
40%	0	0	0	0	262	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-B3.2.11.2-D. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	8	-11	-3	-12	-8	-2	1	0	0	0	0
Wet Water Years	0	24	-37	3	-25	8	-4	0	0	0	0	0
Above Normal Water Years	0	0	-7	-29	-92	-143	-3	6	0	0	0	0
Below Normal Water Years	0	0	8	0	39	32	0	0	0	0	0	0
Dry Water Years	0	0	0	0	-9	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.2.11.3-A. Fremont Weir Spills Monthly Flow (C_YBP037), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	6,574	25,839	36,531	18,567	318	0	0	0	0	0
20%	0	0	274	4,414	9,364	3,899	0	0	0	0	0	0
30%	0	0	0	28	3,632	547	0	0	0	0	0	0
40%	0	0	0	0	545	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-B3.2.11.3-B. Fremont Weir Spills Monthly Flow (C_YBP037), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	44	227	2,249	6,694	9,215	5,927	1,092	68	8	0	0	0
Wet Water Years	139	710	6,459	18,752	25,133	16,701	3,417	152	24	0	0	0
Above Normal Water Years	0	0	109	5,347	6,060	3,952	1	156	0	0	0	0
Below Normal Water Years	0	0	743	113	1,224	394	5	0	0	0	0	0
Dry Water Years	0	0	0	0	788	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.2.11.3-C. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	47	-16	363	-30	-41	0	0	0	0	0
20%	0	0	55	-17	25	-211	0	0	0	0	0	0
30%	0	0	0	1	46	2	0	0	0	0	0	0
40%	0	0	0	0	288	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-B3.2.11.3-D. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2	9	-6	8	-4	-9	-2	1	0	0	0	0
Wet Water Years	7	28	-22	16	-13	10	-4	0	0	0	0	0
Above Normal Water Years	0	0	-7	21	-60	-150	-3	10	0	0	0	0
Below Normal Water Years	0	0	8	0	40	32	0	0	0	0	0	0
Dry Water Years	0	0	0	0	-9	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.2.11.4-A. Fremont Weir Spills Monthly Flow (C_YBP037), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	6,597	25,836	36,468	18,566	318	0	0	0	0	0
20%	0	0	253	4,414	9,573	3,494	0	0	0	0	0	0
30%	0	0	0	28	3,643	547	0	0	0	0	0	0
40%	0	0	0	0	750	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-B3.2.11.4-B. Fremont Weir Spills Monthly Flow (C_YBP037), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	45	225	2,252	6,702	9,226	5,915	1,092	67	8	0	0	0
Wet Water Years	142	705	6,464	18,771	25,146	16,702	3,417	152	24	0	0	0
Above Normal Water Years	0	0	103	5,363	6,103	3,967	2	144	0	0	0	0
Below Normal Water Years	0	0	751	113	1,229	333	5	0	0	0	0	0
Dry Water Years	0	0	0	0	788	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.2.11.4-C. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	70	-19	301	-31	-41	0	0	0	0	0
20%	0	0	34	-17	234	-616	0	0	0	0	0	0
30%	0	0	0	1	57	3	0	0	0	0	0	0
40%	0	0	0	0	493	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-B3.2.11.4-D. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	7	-3	16	7	-21	-1	0	0	0	0	0
Wet Water Years	10	22	-17	35	-1	10	-4	0	0	0	0	0
Above Normal Water Years	0	0	-13	37	-17	-136	-2	-3	0	0	0	0
Below Normal Water Years	0	0	16	0	45	-29	0	0	0	0	0	0
Dry Water Years	0	0	0	0	-9	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.2.11.5-A. Fremont Weir Spills Monthly Flow (C_YBP037), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	6,531	25,839	36,529	18,567	318	0	0	0	0	0
20%	0	0	274	4,414	9,364	3,898	0	0	0	0	0	0
30%	0	0	0	28	3,632	547	0	0	0	0	0	0
40%	0	0	0	0	542	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-B3.2.11.5-B. Fremont Weir Spills Monthly Flow (C_YBP037), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	44	227	2,248	6,696	9,223	5,927	1,092	68	8	0	0	0
Wet Water Years	138	710	6,456	18,759	25,144	16,701	3,417	152	24	0	0	0
Above Normal Water Years	0	0	109	5,348	6,060	3,952	1	156	0	0	0	0
Below Normal Water Years	0	0	743	113	1,234	394	5	0	0	0	0	0
Dry Water Years	0	0	0	0	796	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.2.11.5-C. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	4	-16	362	-30	-41	0	0	0	0	0
20%	0	0	55	-17	24	-211	0	0	0	0	0	0
30%	0	0	0	1	46	2	0	0	0	0	0	0
40%	0	0	0	0	285	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-B3.2.11.5-D. Fremont Weir Spills Monthly Flow (C_YBP037), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2	9	-7	10	3	-9	-2	1	0	0	0	0
Wet Water Years	5	28	-25	22	-2	10	-4	0	0	0	0	0
Above Normal Water Years	0	0	-7	23	-60	-151	-3	9	0	0	0	0
Below Normal Water Years	0	0	8	0	51	32	0	0	0	0	0	0
Dry Water Years	0	0	0	0	-1	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-B3.2.12.1-A. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Probability of Exceedance for Existing Conditions, October to March

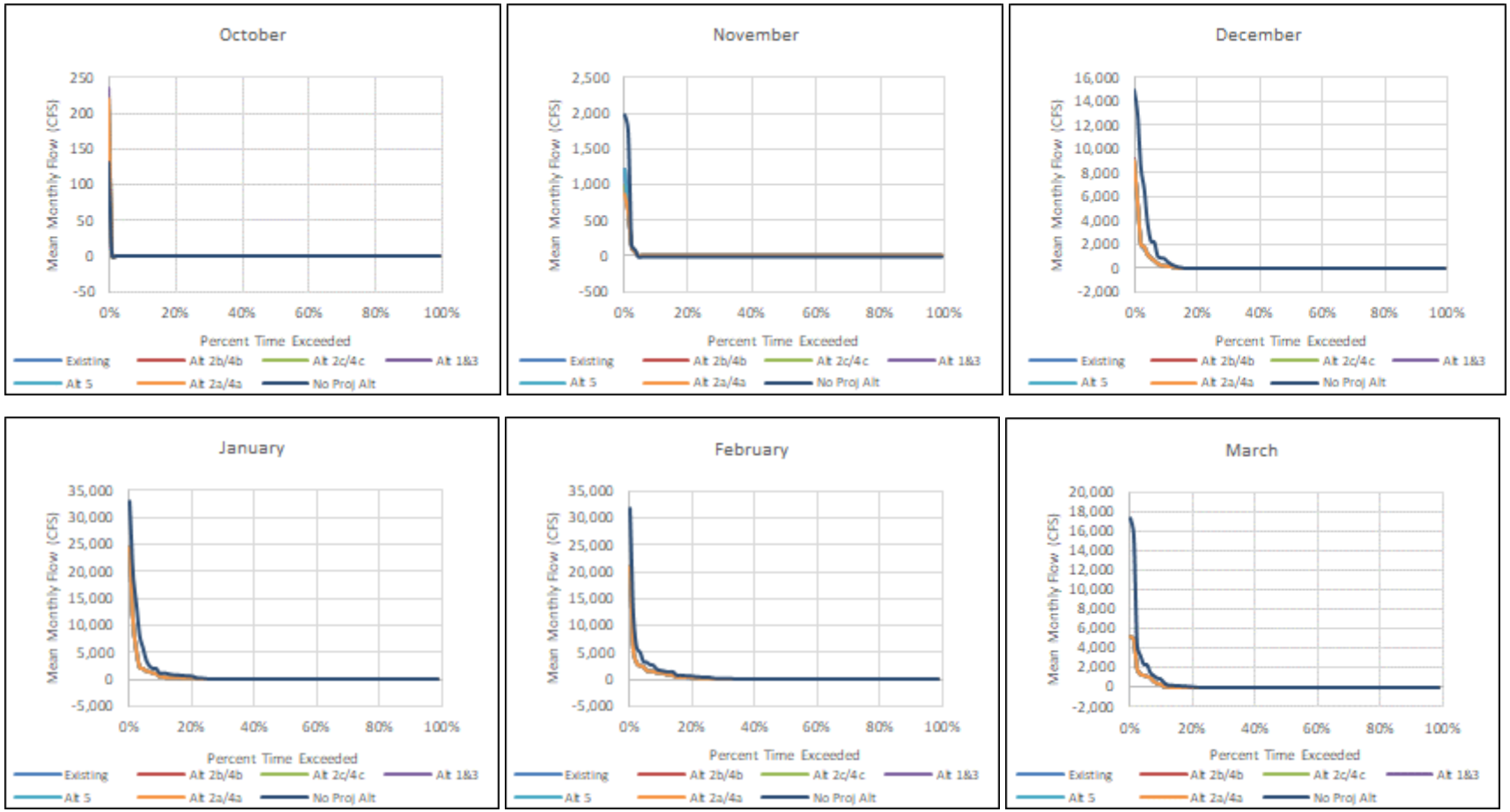


Figure 5A-B3.2.12.1-B. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Probability of Exceedance for Existing Conditions, April to September

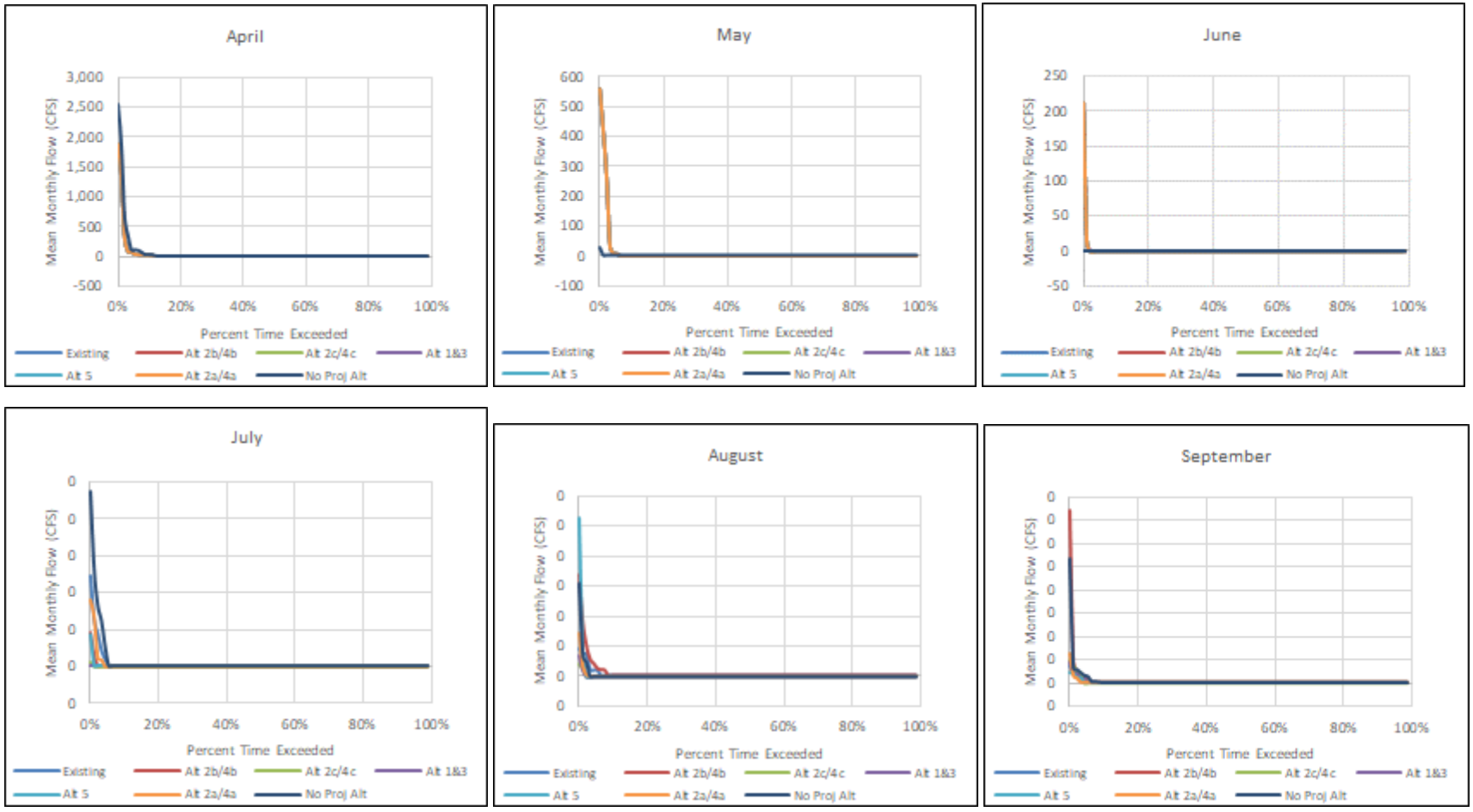


Table 5A-B3.2.12.1-A. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	210	516	1,159	307	17	0	0	0	0	0
20%	0	0	0	231	288	19	0	0	0	0	0	0
30%	0	0	0	0	47	0	0	0	0	0	0	0
40%	0	0	0	0	3	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-B3.2.12.1-B. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2	21	237	572	510	197	41	14	2	0	0	0
Wet Water Years	6	66	727	1,713	1,459	592	128	34	7	0	0	0
Above Normal Water Years	0	0	0	197	260	62	0	22	0	0	0	0
Below Normal Water Years	0	0	24	0	31	2	0	0	0	0	0	0
Dry Water Years	0	0	0	0	21	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.2.12.1-C. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	212	519	1,158	306	17	0	0	0	0	0
20%	0	0	0	231	290	19	0	0	0	0	0	0
30%	0	0	0	0	47	0	0	0	0	0	0	0
40%	0	0	0	0	3	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-B3.2.12.1-D. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2	19	242	572	508	197	41	14	2	0	0	0
Wet Water Years	6	59	740	1,715	1,450	592	128	34	7	0	0	0
Above Normal Water Years	0	0	0	192	265	61	0	22	0	0	0	0
Below Normal Water Years	0	0	24	0	32	2	0	0	0	0	0	0
Dry Water Years	0	0	0	0	25	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.2.12.1-E. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	2	2	-1	0	0	0	0	0	0	0
20%	0	0	0	-1	2	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-B3.2.12.1-F. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	-2	4	0	-1	0	0	0	0	0	0	0
Wet Water Years	1	-7	13	2	-9	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	-4	6	-1	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	1	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	4	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.2.12.2-A. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	212	518	1,156	306	17	0	0	0	0	0
20%	0	0	0	229	287	19	0	0	0	0	0	0
30%	0	0	0	0	47	0	0	0	0	0	0	0
40%	0	0	0	0	3	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-B3.2.12.2-B. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2	19	240	571	508	197	41	14	2	0	0	0
Wet Water Years	7	59	734	1,713	1,451	592	128	34	7	0	0	0
Above Normal Water Years	0	0	0	193	262	61	0	22	0	0	0	0
Below Normal Water Years	0	0	24	0	33	2	0	0	0	0	0	0
Dry Water Years	0	0	0	0	24	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.2.12.2-C. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	2	2	-3	0	0	0	0	0	0	0
20%	0	0	0	-2	-1	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-B3.2.12.2-D. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

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

Table 5A-B3.2.12.3-A. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	212	518	1,159	306	17	0	0	0	0	0
20%	0	0	0	229	287	19	0	0	0	0	0	0
30%	0	0	0	0	47	0	0	0	0	0	0	0
40%	0	0	0	0	3	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-B3.2.12.3-B. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2	21	241	572	508	197	41	14	2	0	0	0
Wet Water Years	8	67	738	1,715	1,451	592	128	34	7	0	0	0
Above Normal Water Years	0	0	0	196	263	61	0	22	0	0	0	0
Below Normal Water Years	0	0	24	0	33	2	0	0	0	0	0	0
Dry Water Years	0	0	0	0	23	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.2.12.3-C. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	2	2	0	0	0	0	0	0	0	0
20%	0	0	0	-3	-1	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-B3.2.12.3-D. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

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

Table 5A-B3.2.12.4-A. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	212	518	1,158	306	17	0	0	0	0	0
20%	0	0	0	228	288	19	0	0	0	0	0	0
30%	0	0	0	0	47	0	0	0	0	0	0	0
40%	0	0	0	0	3	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-B3.2.12.4-B. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2	18	240	573	509	197	41	14	2	0	0	0
Wet Water Years	7	56	735	1,717	1,452	592	128	34	7	0	0	0
Above Normal Water Years	0	0	0	198	267	61	0	22	0	0	0	0
Below Normal Water Years	0	0	24	0	33	1	0	0	0	0	0	0
Dry Water Years	0	0	0	0	24	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.2.12.4-C. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	2	1	-1	0	0	0	0	0	0	0
20%	0	0	0	-4	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-B3.2.12.4-D. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

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

Table 5A-B3.2.12.5-A. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	212	518	1,159	306	17	0	0	0	0	0
20%	0	0	0	229	287	19	0	0	0	0	0	0
30%	0	0	0	0	47	0	0	0	0	0	0	0
40%	0	0	0	0	3	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-B3.2.12.5-B. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2	21	241	572	509	197	41	14	2	0	0	0
Wet Water Years	7	67	738	1,715	1,451	592	128	34	7	0	0	0
Above Normal Water Years	0	0	0	196	263	61	0	22	0	0	0	0
Below Normal Water Years	0	0	24	0	33	2	0	0	0	0	0	0
Dry Water Years	0	0	0	0	29	0	0	0	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.2.12.5-C. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	1	2	0	0	0	0	0	0	0	0
20%	0	0	0	-3	-1	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-B3.2.12.5-D. Sacramento Weir Spills Monthly Flow (SP_SAC066_YBP020), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	4	0	-1	0	0	0	0	0	0	0
Wet Water Years	1	1	11	1	-8	0	0	0	0	0	0	0
Above Normal Water Years	0	0	0	0	3	-1	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	1	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	8	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-B3.2.13.1-A. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Probability of Exceedance for Existing Conditions, October to March

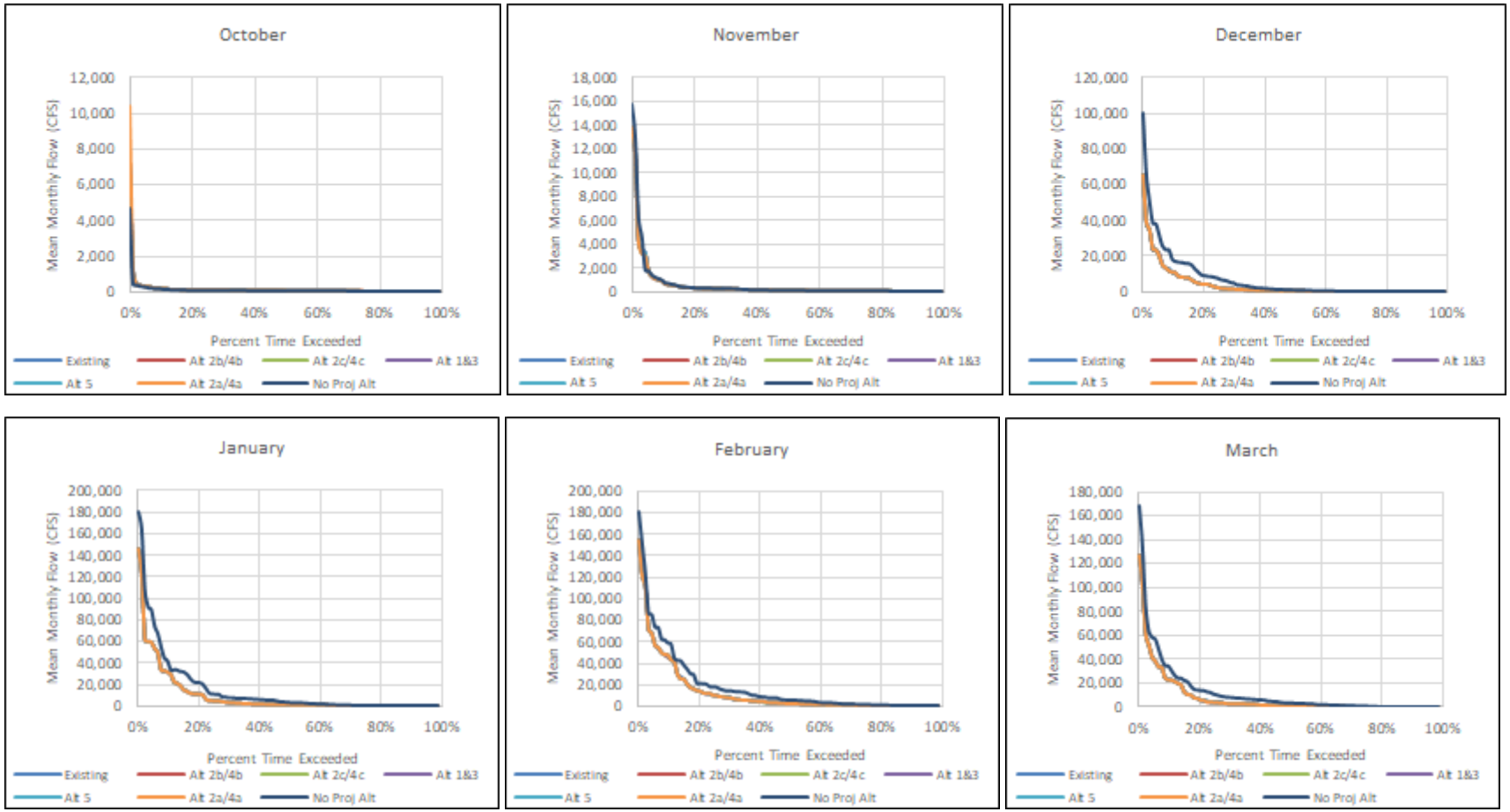


Figure 5A-B3.2.13.1-B. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Probability of Exceedance for Existing Conditions, April to September

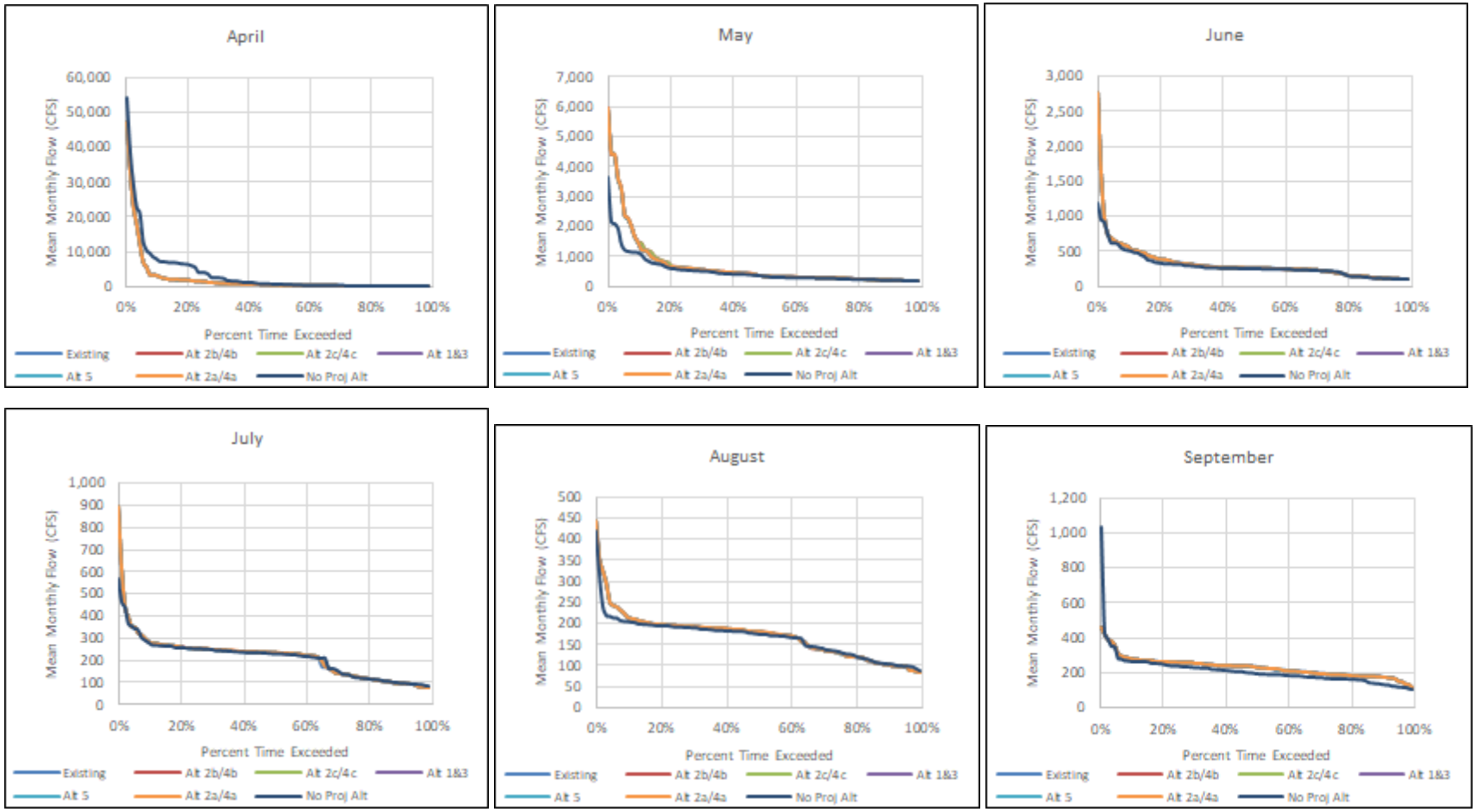


Table 5A-B3.2.13.1-A. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	212	881	10,666	30,897	44,907	23,104	3,142	1,386	556	282	215	277
20%	128	350	4,114	10,811	13,990	6,566	1,963	658	385	260	198	262
30%	114	280	1,420	3,081	7,989	2,936	1,044	540	317	249	194	253
40%	96	190	781	1,466	3,934	1,971	711	463	268	240	189	239
50%	82	147	406	904	1,954	990	454	336	256	234	182	233
60%	77	129	243	560	1,179	534	315	299	247	222	172	211
70%	64	115	166	373	564	364	264	279	232	143	138	197
80%	51	103	127	206	357	269	222	240	159	117	121	185
90%	44	84	103	120	196	146	186	202	113	95	103	176

Table 5A-B3.2.13.1-B. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	187	618	3,914	9,634	12,989	8,121	2,284	700	331	218	173	230
Wet Water Years	381	1,429	9,867	25,576	32,965	21,693	6,075	1,273	549	306	222	270
Above Normal Water Years	94	243	1,740	8,088	10,920	6,195	929	944	311	247	191	232
Below Normal Water Years	113	349	1,681	1,185	2,618	1,049	554	381	267	198	159	230
Dry Water Years	103	180	314	552	2,182	551	409	318	208	168	147	202
Critical Water Years	65	123	642	457	605	452	183	201	125	95	103	179

Table 5A-B3.2.13.1-C. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	213	877	10,678	30,873	44,813	22,930	3,141	1,454	556	282	215	277
20%	128	349	4,243	10,849	13,968	6,593	1,915	713	385	262	199	262
30%	113	283	1,421	3,095	7,789	2,941	1,044	540	309	249	194	253
40%	96	190	781	1,466	4,046	1,969	711	463	264	240	188	239
50%	84	147	406	905	2,002	991	439	336	256	233	181	231
60%	77	131	243	561	1,179	534	315	299	245	222	172	210
70%	65	115	166	373	565	364	262	277	232	143	138	195
80%	51	103	127	206	357	269	221	239	160	117	121	184
90%	45	84	103	120	196	146	186	199	114	96	103	176

Table 5A-B3.2.13.1-D. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	191	622	3,926	9,631	12,983	8,109	2,282	708	330	218	173	230
Wet Water Years	391	1,444	9,899	25,586	32,873	21,697	6,074	1,302	546	306	222	270
Above Normal Water Years	95	243	1,737	8,037	10,888	6,088	927	940	311	247	191	232
Below Normal Water Years	114	348	1,690	1,186	2,732	1,052	551	382	267	198	158	229
Dry Water Years	105	180	314	552	2,183	550	405	318	208	169	147	198
Critical Water Years	65	123	646	457	605	452	183	195	125	95	103	183

Table 5A-B3.2.13.1-E. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-4	12	-24	-93	-175	-1	68	0	0	0	0
20%	0	-1	129	38	-21	27	-48	55	0	2	1	0
30%	-1	3	0	15	-200	5	0	0	-8	0	0	0
40%	0	0	0	0	111	-1	0	0	-4	0	-1	0
50%	1	0	0	1	48	1	-15	0	0	0	0	-3
60%	0	2	0	1	0	0	0	0	-2	0	0	-1
70%	0	0	0	0	0	0	-1	-2	0	0	0	-2
80%	0	0	0	0	0	0	-1	0	1	0	0	-1
90%	1	0	0	0	0	0	0	-3	1	0	0	0

Table 5A-B3.2.13.1-F. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4	5	13	-3	-6	-12	-2	8	-1	0	0	0
Wet Water Years	10	15	32	10	-92	4	-1	29	-3	0	0	0
Above Normal Water Years	1	0	-2	-51	-31	-108	-2	-5	0	0	0	0
Below Normal Water Years	1	0	9	1	114	3	-4	0	0	0	-1	-1
Dry Water Years	1	0	0	0	1	0	-3	0	0	2	1	-4
Critical Water Years	0	0	4	0	0	0	0	-6	0	1	0	5

Table 5A-B3.2.13.2-A. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	212	876	10,706	30,878	46,130	22,909	3,142	1,453	556	281	215	277
20%	128	349	4,194	10,842	13,966	6,577	1,915	713	384	259	199	262
30%	113	283	1,421	3,093	7,656	2,939	1,044	540	310	247	194	252
40%	96	190	781	1,465	3,947	1,969	711	463	264	238	188	239
50%	84	146	406	905	2,001	990	439	336	256	233	181	229
60%	77	130	243	560	1,179	534	315	299	245	222	172	210
70%	64	115	166	373	564	364	262	279	232	143	138	194
80%	51	103	127	206	357	269	221	239	160	117	121	184
90%	44	84	103	120	196	146	186	199	114	96	103	176

Table 5A-B3.2.13.2-B. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	188	623	3,907	9,631	12,975	8,113	2,282	709	331	218	173	230
Wet Water Years	383	1,445	9,840	25,580	32,932	21,702	6,073	1,301	546	305	222	270
Above Normal Water Years	95	243	1,732	8,050	10,830	6,051	926	950	311	247	191	231
Below Normal Water Years	114	348	1,689	1,185	2,658	1,081	550	382	267	198	158	229
Dry Water Years	104	180	314	552	2,177	550	405	318	208	168	148	198
Critical Water Years	65	123	646	457	605	452	183	195	125	95	103	183

Table 5A-B3.2.13.2-C. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-4	40	-19	1,224	-195	-1	67	0	-1	0	0
20%	0	-1	80	31	-24	11	-48	55	0	-1	1	0
30%	-2	3	0	13	-334	4	0	0	-7	-2	0	0
40%	0	0	0	-1	12	-1	0	0	-4	-2	-1	0
50%	1	0	0	1	47	0	-15	0	0	0	0	-4
60%	0	2	0	1	0	0	0	0	-2	0	0	-1
70%	0	0	0	0	0	0	-1	0	0	0	0	-2
80%	0	0	0	0	0	0	-1	0	0	0	0	-1
90%	0	0	0	0	0	0	0	-3	1	0	0	0

Table 5A-B3.2.13.2-D. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1	5	-7	-3	-13	-8	-2	9	-1	0	0	0
Wet Water Years	2	16	-27	5	-33	9	-1	28	-3	0	0	0
Above Normal Water Years	1	0	-7	-38	-90	-144	-3	6	0	0	0	0
Below Normal Water Years	1	0	8	0	40	32	-4	0	0	0	-1	-1
Dry Water Years	1	0	0	0	-5	0	-3	0	0	0	1	-4
Critical Water Years	0	0	4	0	0	0	0	-6	0	0	0	5

Table 5A-B3.2.13.3-A. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	212	876	10,713	30,881	46,156	22,921	3,141	1,389	556	281	215	277
20%	128	349	4,195	10,842	13,971	6,577	1,915	648	385	259	199	262
30%	113	283	1,421	3,093	7,842	2,943	1,044	540	310	247	194	252
40%	96	190	781	1,466	4,129	1,969	711	463	264	238	188	239
50%	84	146	406	905	2,001	990	439	336	256	233	181	229
60%	77	129	243	560	1,179	534	315	301	245	222	172	209
70%	64	115	166	373	564	364	262	279	232	143	138	194
80%	51	103	127	206	357	269	221	240	160	117	121	183
90%	44	84	103	120	196	146	186	202	114	96	103	176

Table 5A-B3.2.13.3-B. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	191	626	3,910	9,643	13,000	8,112	2,282	701	331	218	173	230
Wet Water Years	390	1,457	9,850	25,595	32,944	21,704	6,073	1,272	546	305	222	270
Above Normal Water Years	95	243	1,732	8,109	10,863	6,044	926	954	311	247	191	232
Below Normal Water Years	114	348	1,689	1,186	2,728	1,080	550	382	267	198	158	229
Dry Water Years	104	180	314	552	2,176	550	405	318	208	168	147	198
Critical Water Years	65	123	646	457	605	452	183	201	125	95	103	183

Table 5A-B3.2.13.3-C. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-4	47	-16	1,249	-183	-1	3	0	-1	0	0
20%	0	-1	82	31	-19	11	-48	-9	0	-1	1	0
30%	-2	3	0	13	-147	7	0	0	-7	-2	0	0
40%	0	0	0	0	195	-1	0	0	-4	-2	-1	0
50%	1	0	0	1	47	0	-15	0	0	0	0	-4
60%	0	0	0	1	0	0	0	2	-2	0	0	-1
70%	0	0	0	0	0	0	-1	0	0	0	0	-2
80%	0	0	0	0	0	0	-1	0	0	0	0	-1
90%	0	0	0	0	0	0	0	0	1	0	0	0

Table 5A-B3.2.13.3-D. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3	9	-4	9	11	-9	-2	1	-1	0	0	0
Wet Water Years	9	28	-17	20	-21	11	-1	-1	-2	0	0	0
Above Normal Water Years	1	0	-8	21	-56	-151	-3	10	0	0	0	0
Below Normal Water Years	1	0	8	0	110	32	-4	0	0	0	-1	-1
Dry Water Years	1	0	0	0	-6	0	-3	0	0	0	1	-4
Critical Water Years	0	0	4	0	0	0	0	0	0	0	0	5

Table 5A-B3.2.13.4-A. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	211	877	10,737	30,878	46,214	22,920	3,142	1,387	556	281	215	278
20%	128	349	4,200	10,849	13,976	6,583	1,916	649	385	259	199	262
30%	113	283	1,421	3,096	7,678	2,945	1,045	540	311	249	194	253
40%	96	192	753	1,466	4,132	1,970	711	463	264	240	189	240
50%	85	147	404	898	2,002	988	440	336	256	234	182	230
60%	77	129	243	561	1,180	534	315	300	245	222	172	210
70%	65	115	166	373	565	365	256	281	232	143	138	194
80%	51	103	127	206	357	269	221	240	161	118	121	184
90%	45	84	103	120	196	146	186	202	114	96	103	176

Table 5A-B3.2.13.4-B. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	225	621	3,906	9,652	13,012	8,100	2,281	700	331	219	173	230
Wet Water Years	497	1,440	9,835	25,615	32,958	21,705	6,072	1,272	547	305	222	270
Above Normal Water Years	95	243	1,728	8,128	10,912	6,060	928	942	312	247	191	232
Below Normal Water Years	114	349	1,697	1,186	2,734	1,020	551	382	267	199	158	229
Dry Water Years	105	180	314	552	2,177	551	405	318	208	169	149	199
Critical Water Years	66	123	646	457	605	453	183	201	125	95	103	183

Table 5A-B3.2.13.4-C. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-1	-4	71	-19	1,307	-184	-1	1	0	0	0	0
20%	0	-1	86	38	-14	17	-48	-9	0	-1	1	0
30%	-1	3	0	15	-311	9	0	0	-6	0	0	0
40%	0	2	-28	0	198	-1	0	0	-4	0	0	0
50%	3	0	-3	-6	48	-2	-14	0	0	0	0	-4
60%	0	0	0	2	1	0	0	1	-2	0	0	-1
70%	1	0	0	0	0	1	-8	2	0	0	0	-2
80%	0	0	0	0	0	0	-1	0	1	0	0	-1
90%	1	0	0	0	0	0	0	0	2	0	0	0

Table 5A-B3.2.13.4-D. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	38	4	-7	18	23	-20	-2	0	-1	0	0	0
Wet Water Years	116	11	-31	40	-7	11	-2	0	-2	0	0	0
Above Normal Water Years	1	0	-12	40	-8	-135	-1	-2	0	0	0	0
Below Normal Water Years	1	0	16	1	116	-29	-3	1	0	1	-1	-1
Dry Water Years	1	0	0	0	-5	0	-4	0	0	1	2	-4
Critical Water Years	1	0	4	0	0	0	0	0	0	0	0	5

Table 5A-B3.2.13.5-A. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	212	876	10,669	30,881	46,154	22,923	3,141	1,389	556	281	215	277
20%	128	349	4,195	10,842	13,971	6,577	1,915	648	385	259	199	262
30%	113	283	1,421	3,093	7,977	2,943	1,044	540	310	247	194	252
40%	96	190	781	1,466	4,129	1,969	711	463	264	238	188	239
50%	84	146	406	905	2,001	990	439	336	256	233	181	229
60%	77	129	243	560	1,179	534	315	301	245	222	172	209
70%	64	115	166	373	564	364	262	279	232	143	138	194
80%	51	103	127	206	357	269	221	240	160	117	121	183
90%	45	84	103	120	196	146	186	202	114	96	103	176

Table 5A-B3.2.13.5-B. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	190	626	3,908	9,646	13,008	8,112	2,282	701	331	218	173	230
Wet Water Years	387	1,457	9,846	25,602	32,955	21,704	6,073	1,272	546	305	222	270
Above Normal Water Years	95	243	1,732	8,111	10,863	6,044	926	954	311	247	191	232
Below Normal Water Years	114	348	1,689	1,186	2,739	1,080	550	382	267	198	158	229
Dry Water Years	104	180	314	552	2,189	550	405	318	208	168	147	198
Critical Water Years	65	123	646	457	605	452	183	201	125	95	103	183

Table 5A-B3.2.13.5-C. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-4	3	-16	1,247	-181	-1	3	0	-1	0	0
20%	0	-1	81	31	-19	11	-48	-9	0	-1	1	0
30%	-2	3	0	13	-12	7	0	0	-7	-2	0	0
40%	0	0	0	0	195	-1	0	0	-4	-2	-1	0
50%	2	0	0	1	47	0	-15	0	0	0	0	-4
60%	0	0	0	1	0	0	0	2	-2	0	0	-1
70%	0	0	0	0	0	0	-1	0	0	0	0	-2
80%	0	0	0	0	0	0	-1	0	0	0	0	-2
90%	1	0	0	0	0	0	0	0	1	0	0	0

Table 5A-B3.2.13.5-D. Yolo Bypass at Lisbon Weir Monthly Flow (C_YBP016), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2	9	-6	11	19	-9	-2	1	-1	0	0	0
Wet Water Years	6	27	-21	26	-10	11	-1	-1	-2	0	0	0
Above Normal Water Years	1	0	-8	23	-57	-151	-3	10	0	0	0	0
Below Normal Water Years	1	0	7	0	121	32	-4	0	0	0	-1	-1
Dry Water Years	1	0	0	0	7	0	-3	0	0	0	1	-4
Critical Water Years	0	0	4	0	0	0	0	0	0	0	0	5

B.2.14 Feather River below Thermalito Afterbay Release

Figure 5A-B3.2.14.1-A. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Probability of Exceedance for Existing Conditions, October to March

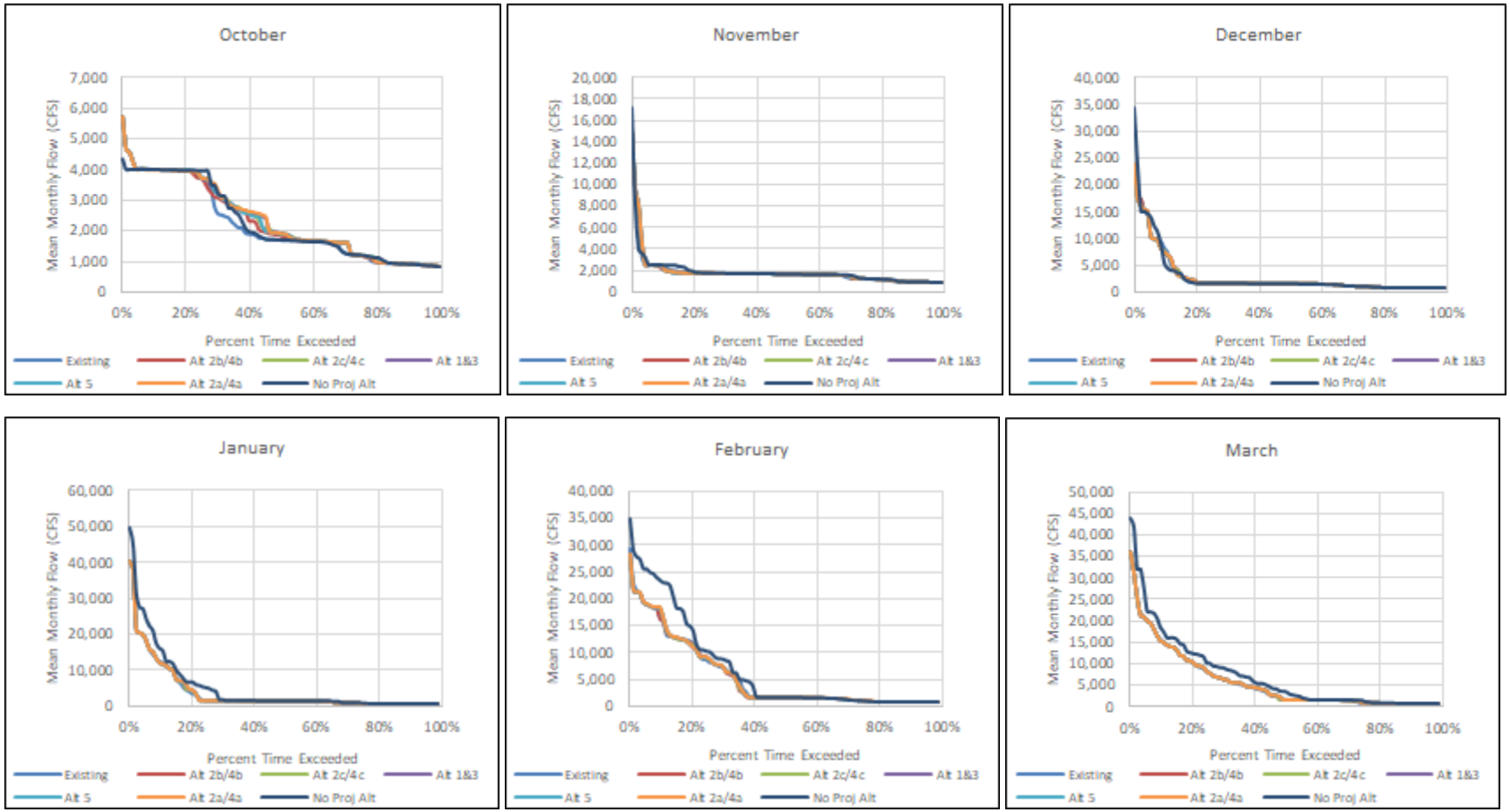


Figure 5A-B3.2.14.1-B. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Probability of Exceedance for Existing Conditions, April to September

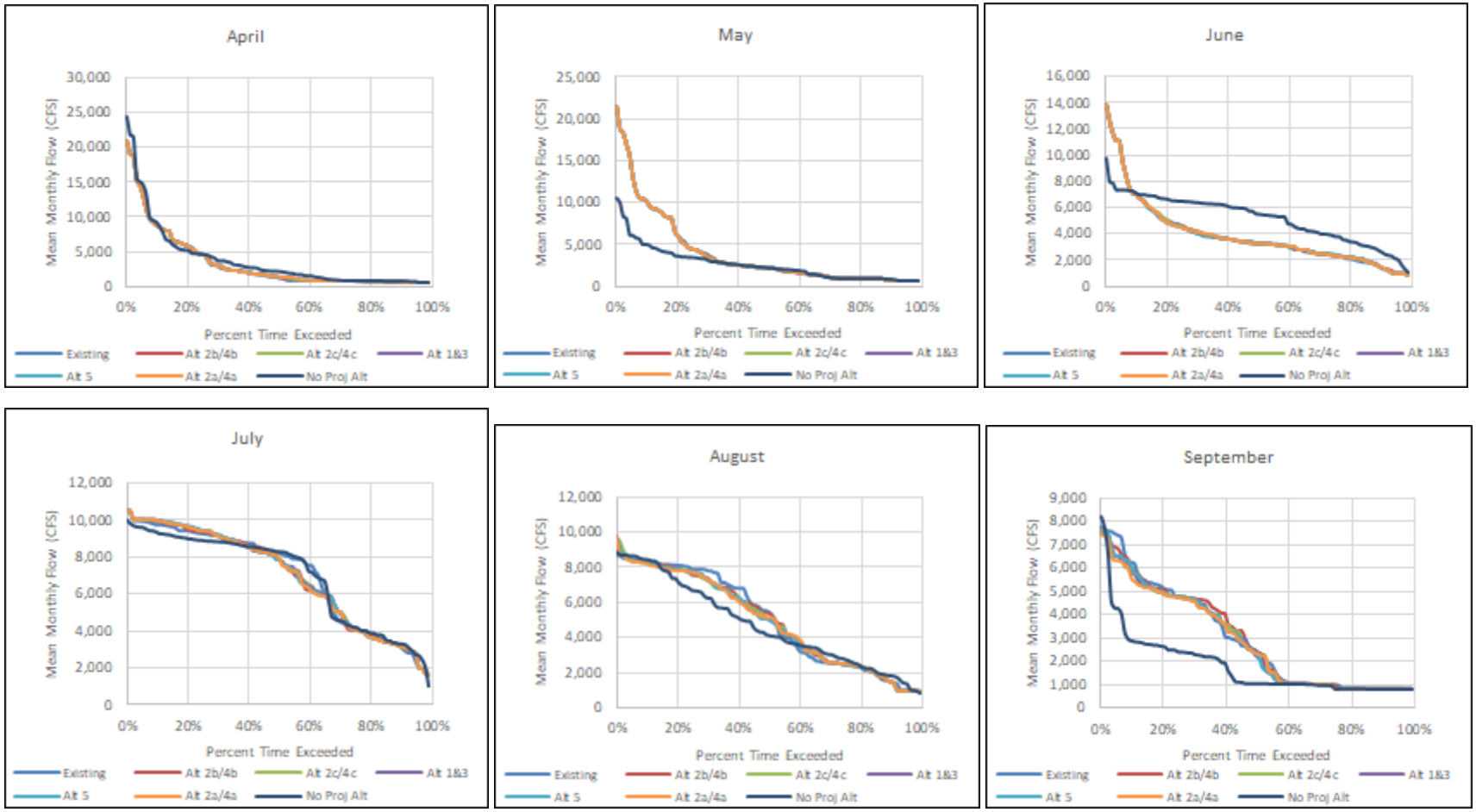


Table 5A-B3.2.14.1-A. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,003	2,275	7,955	12,521	16,238	15,513	8,837	10,071	6,993	9,769	8,331	6,211
20%	3,985	1,681	1,825	3,848	11,841	10,462	5,992	6,229	4,915	9,436	8,164	5,131
30%	2,570	1,668	1,668	1,674	7,294	6,471	3,174	3,891	4,105	9,172	7,857	4,594
40%	1,893	1,642	1,632	1,648	1,686	4,428	2,249	2,595	3,688	8,779	6,850	3,030
50%	1,694	1,612	1,597	1,615	1,662	1,750	1,446	2,311	3,327	8,223	5,498	2,173
60%	1,657	1,570	1,541	1,560	1,610	1,668	991	1,731	3,088	7,580	3,329	1,033
70%	1,296	1,248	1,169	1,121	1,180	1,558	976	1,258	2,551	4,618	2,576	982
80%	971	1,093	887	872	868	932	934	991	2,149	3,910	2,368	772
90%	918	871	828	806	821	803	746	832	1,669	3,226	1,545	770

Table 5A-B3.2.14.1-B. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,219	1,815	2,855	4,197	5,508	5,891	3,555	4,015	3,952	7,061	5,089	2,942
Wet Water Years	2,533	2,523	5,765	9,259	12,130	12,571	7,624	7,446	5,042	6,495	4,698	4,464
Above Normal Water Years	2,061	1,720	2,004	3,454	4,648	6,137	2,929	5,282	3,861	8,638	7,386	5,199
Below Normal Water Years	2,342	1,516	1,564	1,813	2,853	2,934	1,066	2,104	2,869	8,664	7,200	2,478
Dry Water Years	2,186	1,397	1,319	1,289	1,280	1,368	1,592	1,843	4,006	7,478	3,420	898
Critical Water Years	1,528	1,331	1,136	1,060	1,059	1,183	1,529	1,061	3,334	3,924	2,547	809

Table 5A-B3.2.14.1-C. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,003	2,062	7,252	12,143	16,238	15,293	8,837	10,068	6,989	9,964	8,290	5,934
20%	3,955	1,678	1,957	4,679	11,725	10,462	5,990	6,229	5,098	9,512	7,894	5,026
30%	3,089	1,669	1,667	1,674	7,439	6,471	3,130	3,598	4,244	9,221	7,361	4,663
40%	2,330	1,643	1,623	1,648	1,686	4,597	2,156	2,593	3,667	8,679	6,298	3,901
50%	1,831	1,613	1,597	1,614	1,662	1,690	1,488	2,311	3,308	7,999	5,380	2,392
60%	1,680	1,570	1,541	1,560	1,610	1,665	997	1,651	3,097	6,241	3,841	1,015
70%	1,615	1,333	1,166	1,121	1,180	1,548	979	1,240	2,528	5,064	2,617	982
80%	1,000	1,102	880	872	868	932	944	991	2,275	3,883	2,415	772
90%	921	873	828	807	821	803	812	829	1,650	3,223	1,540	770

Table 5A-B3.2.14.1-D. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,316	1,820	2,859	4,211	5,462	5,917	3,559	3,996	3,990	6,979	5,020	2,950
Wet Water Years	2,591	2,542	5,777	9,271	12,053	12,590	7,623	7,446	5,069	6,406	4,526	4,475
Above Normal Water Years	2,559	1,728	1,962	3,381	4,475	6,173	2,876	5,234	3,861	8,231	7,274	5,184
Below Normal Water Years	2,267	1,483	1,507	1,892	2,855	2,977	1,113	2,049	2,941	8,906	6,805	2,525
Dry Water Years	2,394	1,458	1,341	1,289	1,280	1,408	1,570	1,831	4,052	7,223	3,905	898
Critical Water Years	1,504	1,295	1,235	1,060	1,059	1,171	1,552	1,075	3,366	3,824	2,619	784

Table 5A-B3.2.14.1-E. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-213	-703	-378	0	-219	-1	-3	-4	195	-42	-277
20%	-29	-3	131	830	-116	0	-2	0	183	75	-270	-105
30%	518	1	-1	0	145	0	-44	-292	140	49	-496	69
40%	437	1	-10	0	0	169	-92	-2	-21	-100	-552	872
50%	136	1	0	-1	0	-60	42	-1	-19	-225	-118	219
60%	23	0	0	0	0	-3	5	-80	10	-1,338	512	-18
70%	319	84	-3	0	0	-10	3	-18	-22	446	41	0
80%	29	9	-7	0	0	0	10	0	126	-27	47	0
90%	3	2	0	1	0	0	66	-2	-19	-3	-5	0

Table 5A-B3.2.14.1-F. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	96	5	4	13	-46	26	4	-19	38	-82	-68	9
Wet Water Years	57	18	12	12	-77	19	-1	-1	27	-89	-172	11
Above Normal Water Years	498	9	-42	-73	-173	36	-53	-47	0	-407	-112	-15
Below Normal Water Years	-75	-32	-56	79	2	42	46	-55	72	242	-395	47
Dry Water Years	208	61	23	0	0	40	-22	-12	46	-255	485	-1
Critical Water Years	-24	-36	99	0	0	-12	23	14	32	-101	72	-24

Table 5A-B3.2.14.2-A. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,006	2,292	7,490	12,143	17,800	15,273	8,837	10,068	6,989	9,999	8,286	5,739
20%	3,971	1,678	1,934	4,454	11,510	10,462	5,990	6,229	5,094	9,634	7,943	4,851
30%	3,228	1,668	1,667	1,674	7,440	6,471	3,124	3,545	4,177	9,199	7,292	4,580
40%	2,559	1,643	1,623	1,648	1,686	4,504	2,158	2,572	3,677	8,588	6,291	3,573
50%	1,907	1,613	1,597	1,614	1,662	1,690	1,541	2,313	3,299	7,894	5,123	2,369
60%	1,681	1,570	1,541	1,560	1,610	1,665	998	1,737	3,114	6,550	3,710	1,006
70%	1,615	1,446	1,165	1,121	1,180	1,547	979	1,238	2,540	5,067	2,615	981
80%	1,083	1,102	878	872	868	932	940	989	2,276	3,716	2,414	772
90%	928	869	828	807	821	803	820	823	1,627	3,211	1,537	770

Table 5A-B3.2.14.2-B. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,364	1,827	2,841	4,210	5,491	5,910	3,563	4,001	3,984	6,998	5,023	2,871
Wet Water Years	2,604	2,556	5,720	9,261	12,153	12,591	7,615	7,446	5,074	6,421	4,548	4,339
Above Normal Water Years	2,598	1,722	1,977	3,398	4,437	6,162	2,876	5,242	3,860	8,260	7,360	4,914
Below Normal Water Years	2,402	1,484	1,504	1,896	2,865	2,951	1,108	2,068	2,917	8,859	6,718	2,520
Dry Water Years	2,395	1,474	1,346	1,289	1,280	1,413	1,617	1,828	4,023	7,372	3,919	898
Critical Water Years	1,550	1,300	1,223	1,060	1,059	1,169	1,551	1,073	3,385	3,802	2,634	784

Table 5A-B3.2.14.2-C. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	17	-465	-378	1,562	-240	-1	-3	-4	230	-45	-472
20%	-13	-3	109	605	-331	0	-2	0	180	198	-221	-280
30%	658	0	-1	0	146	0	-50	-346	72	27	-565	-14
40%	666	0	-10	0	0	75	-91	-23	-11	-190	-558	543
50%	213	1	0	-1	0	-60	95	2	-28	-329	-374	196
60%	24	0	0	0	0	-3	7	6	26	-1,030	381	-27
70%	319	198	-3	0	0	-11	3	-20	-10	449	39	-2
80%	113	9	-9	0	0	0	5	-2	127	-193	46	0
90%	10	-1	0	1	0	0	74	-9	-42	-15	-8	0

Table 5A-B3.2.14.2-D. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	144	12	-14	13	-16	19	7	-14	32	-62	-66	-70
Wet Water Years	71	33	-45	2	24	20	-10	-1	32	-74	-150	-126
Above Normal Water Years	537	3	-28	-56	-211	24	-53	-39	-1	-378	-27	-284
Below Normal Water Years	60	-32	-60	83	12	17	42	-35	48	196	-482	42
Dry Water Years	209	78	27	0	0	45	25	-14	18	-105	499	0
Critical Water Years	22	-31	88	0	0	-14	22	13	51	-122	87	-25

Table 5A-B3.2.14.3-A. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,003	2,223	7,282	12,238	17,687	15,273	8,837	10,068	6,989	10,026	8,319	5,742
20%	3,973	1,678	1,927	4,610	11,193	10,463	5,990	6,229	4,910	9,685	7,936	4,944
30%	3,215	1,668	1,667	1,674	7,440	6,471	3,237	3,545	4,075	9,213	7,341	4,594
40%	2,588	1,643	1,623	1,648	1,686	4,572	2,164	2,595	3,682	8,576	6,231	3,456
50%	1,927	1,613	1,597	1,614	1,662	1,691	1,541	2,311	3,309	7,893	5,076	2,374
60%	1,681	1,570	1,541	1,577	1,610	1,666	1,022	1,731	3,128	6,477	3,649	1,003
70%	1,615	1,362	1,166	1,121	1,306	1,558	980	1,217	2,547	5,052	2,615	977
80%	1,050	1,102	882	872	868	932	948	991	2,282	3,712	2,373	772
90%	928	869	828	807	821	803	875	805	1,622	3,224	1,541	770

Table 5A-B3.2.14.3-B. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,370	1,825	2,830	4,230	5,499	5,923	3,571	3,999	3,973	6,999	4,999	2,866
Wet Water Years	2,598	2,560	5,709	9,287	12,156	12,591	7,605	7,446	5,074	6,397	4,529	4,330
Above Normal Water Years	2,586	1,722	1,979	3,484	4,489	6,169	2,876	5,246	3,861	8,241	7,257	4,971
Below Normal Water Years	2,409	1,484	1,459	1,897	2,857	2,948	1,123	2,061	2,920	8,878	6,761	2,479
Dry Water Years	2,400	1,450	1,346	1,289	1,280	1,413	1,652	1,832	4,048	7,373	3,829	898
Critical Water Years	1,599	1,300	1,239	1,060	1,069	1,255	1,563	1,063	3,277	3,840	2,639	784

Table 5A-B3.2.14.3-C. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-52	-672	-283	1,449	-240	-1	-3	-4	257	-12	-469
20%	-12	-3	101	761	-648	1	-2	0	-4	249	-228	-187
30%	645	0	-1	0	146	0	63	-346	-30	41	-517	0
40%	695	0	-10	0	0	143	-84	0	-7	-202	-619	426
50%	233	1	0	-1	0	-60	95	0	-18	-330	-422	201
60%	24	0	0	17	0	-2	31	0	40	-1,102	320	-30
70%	319	114	-3	0	125	0	5	-41	-4	434	39	-5
80%	79	9	-5	0	0	0	13	0	133	-198	5	0
90%	9	-1	0	1	0	0	129	-27	-48	-2	-4	0

Table 5A-B3.2.14.3-D. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	150	9	-25	33	-9	32	16	-16	21	-62	-90	-75
Wet Water Years	65	37	-55	28	26	19	-19	-1	32	-98	-169	-134
Above Normal Water Years	526	2	-25	30	-159	31	-53	-36	0	-397	-129	-227
Below Normal Water Years	66	-31	-105	84	4	14	57	-43	51	214	-439	1
Dry Water Years	214	53	28	0	0	45	60	-10	42	-104	409	-1
Critical Water Years	71	-31	103	0	10	72	33	3	-57	-84	92	-25

Table 5A-B3.2.14.4-A. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,003	2,301	7,316	12,240	17,800	15,272	8,837	10,068	6,989	10,017	8,243	5,531
20%	3,970	1,682	1,952	4,752	11,227	10,462	5,990	6,229	4,915	9,687	7,857	4,922
30%	3,338	1,669	1,667	1,674	7,440	6,471	3,204	3,545	4,174	9,181	7,331	4,571
40%	2,636	1,644	1,623	1,648	1,686	4,586	2,174	2,590	3,680	8,596	6,153	3,474
50%	1,925	1,615	1,597	1,614	1,662	1,691	1,620	2,310	3,311	8,007	5,164	2,299
60%	1,681	1,570	1,541	1,560	1,620	1,666	1,070	1,725	3,121	6,364	3,992	1,003
70%	1,615	1,464	1,166	1,118	1,460	1,558	980	1,240	2,543	5,049	2,612	977
80%	1,000	1,120	883	872	872	932	948	991	2,259	3,706	2,410	772
90%	921	869	828	807	821	803	832	805	1,635	3,211	1,548	770

Table 5A-B3.2.14.4-B. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,377	1,834	2,835	4,242	5,514	5,923	3,586	3,997	3,973	6,971	4,996	2,840
Wet Water Years	2,582	2,562	5,723	9,292	12,158	12,591	7,610	7,446	5,075	6,402	4,527	4,260
Above Normal Water Years	2,589	1,730	1,980	3,510	4,511	6,169	2,904	5,235	3,860	8,245	7,254	4,937
Below Normal Water Years	2,418	1,484	1,459	1,930	2,899	2,951	1,142	2,057	2,916	8,815	6,807	2,480
Dry Water Years	2,451	1,462	1,349	1,289	1,280	1,413	1,694	1,832	4,102	7,319	3,749	898
Critical Water Years	1,608	1,340	1,242	1,060	1,085	1,250	1,552	1,070	3,226	3,802	2,645	784

Table 5A-B3.2.14.4-C. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	26	-639	-282	1,562	-241	-1	-3	-4	248	-88	-680
20%	-15	1	127	903	-614	1	-2	0	0	251	-307	-208
30%	768	1	-1	0	146	0	29	-345	69	8	-526	-23
40%	743	2	-10	0	0	158	-75	-5	-8	-183	-696	444
50%	230	3	0	-1	0	-60	174	-1	-16	-217	-334	125
60%	24	1	0	0	9	-2	79	-6	34	-1,215	663	-30
70%	319	216	-3	-3	280	0	5	-18	-7	431	36	-5
80%	29	27	-4	0	4	0	13	0	110	-204	42	0
90%	3	-1	0	1	0	0	86	-27	-34	-15	4	0

Table 5A-B3.2.14.4-D. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	158	19	-20	45	6	32	31	-18	21	-90	-93	-102
Wet Water Years	48	39	-42	33	28	20	-14	-1	33	-93	-171	-204
Above Normal Water Years	529	10	-25	56	-136	32	-25	-47	-1	-393	-133	-262
Below Normal Water Years	76	-32	-105	117	46	16	76	-47	46	151	-393	2
Dry Water Years	264	65	30	0	0	45	103	-11	96	-159	329	0
Critical Water Years	80	9	106	0	26	68	23	10	-108	-123	98	-25

Table 5A-B3.2.14.5-A. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,003	2,223	7,281	12,238	17,685	15,277	8,837	10,068	6,989	10,026	8,320	5,961
20%	3,973	1,678	1,927	4,615	11,339	10,463	5,990	6,229	4,910	9,713	7,928	4,943
30%	3,221	1,668	1,667	1,674	7,440	6,471	3,237	3,545	4,074	9,215	7,339	4,595
40%	2,557	1,643	1,623	1,648	1,686	4,573	2,164	2,595	3,682	8,607	6,330	3,456
50%	1,909	1,613	1,597	1,614	1,662	1,691	1,541	2,308	3,312	7,893	5,076	2,279
60%	1,681	1,570	1,541	1,577	1,610	1,666	1,022	1,731	3,128	6,402	3,648	1,003
70%	1,615	1,362	1,166	1,121	1,306	1,558	980	1,218	2,547	5,052	2,615	977
80%	1,083	1,102	882	872	868	932	948	991	2,282	3,712	2,373	772
90%	928	869	828	807	821	803	874	805	1,622	3,224	1,540	770

Table 5A-B3.2.14.5-B. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,361	1,824	2,827	4,231	5,501	5,923	3,571	3,999	3,973	7,000	5,000	2,867
Wet Water Years	2,605	2,560	5,703	9,287	12,164	12,591	7,605	7,446	5,074	6,399	4,528	4,329
Above Normal Water Years	2,586	1,722	1,979	3,487	4,489	6,169	2,876	5,246	3,861	8,103	7,261	5,076
Below Normal Water Years	2,380	1,484	1,458	1,897	2,857	2,948	1,122	2,061	2,920	8,953	6,745	2,424
Dry Water Years	2,384	1,450	1,346	1,289	1,280	1,413	1,652	1,832	4,047	7,377	3,853	898
Critical Water Years	1,589	1,295	1,237	1,061	1,069	1,255	1,563	1,063	3,278	3,840	2,639	784

Table 5A-B3.2.14.5-C. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-52	-674	-283	1,447	-236	-1	-3	-4	257	-12	-250
20%	-12	-3	102	767	-502	1	-2	0	-4	277	-236	-187
30%	650	0	-1	0	146	0	63	-346	-30	43	-518	1
40%	664	0	-10	0	0	145	-84	0	-7	-171	-519	426
50%	215	1	0	-1	0	-60	95	-3	-16	-330	-422	106
60%	24	0	0	17	0	-2	30	0	40	-1,178	319	-30
70%	319	114	-3	0	125	0	5	-40	-4	434	39	-5
80%	113	9	-5	0	0	0	13	0	133	-198	5	0
90%	9	-1	0	1	0	0	128	-27	-48	-2	-4	0

Table 5A-B3.2.14.5-D. Feather River below Thermalito Afterbay Release Monthly Flow (C_FTR063+C_TAB000), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	142	8	-28	33	-7	32	16	-16	21	-61	-89	-75
Wet Water Years	72	37	-62	29	34	19	-19	-1	32	-96	-170	-135
Above Normal Water Years	526	2	-25	33	-159	32	-53	-36	0	-535	-126	-123
Below Normal Water Years	37	-31	-106	84	4	14	56	-42	51	289	-454	-54
Dry Water Years	198	53	28	0	0	45	60	-11	42	-101	433	-1
Critical Water Years	61	-36	101	0	10	72	33	3	-56	-84	92	-25

B.2.15 Feather River at Sunset Pumps

Figure 5A-B3.2.15.1-A. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Probability of Exceedance for Existing Conditions, October to March

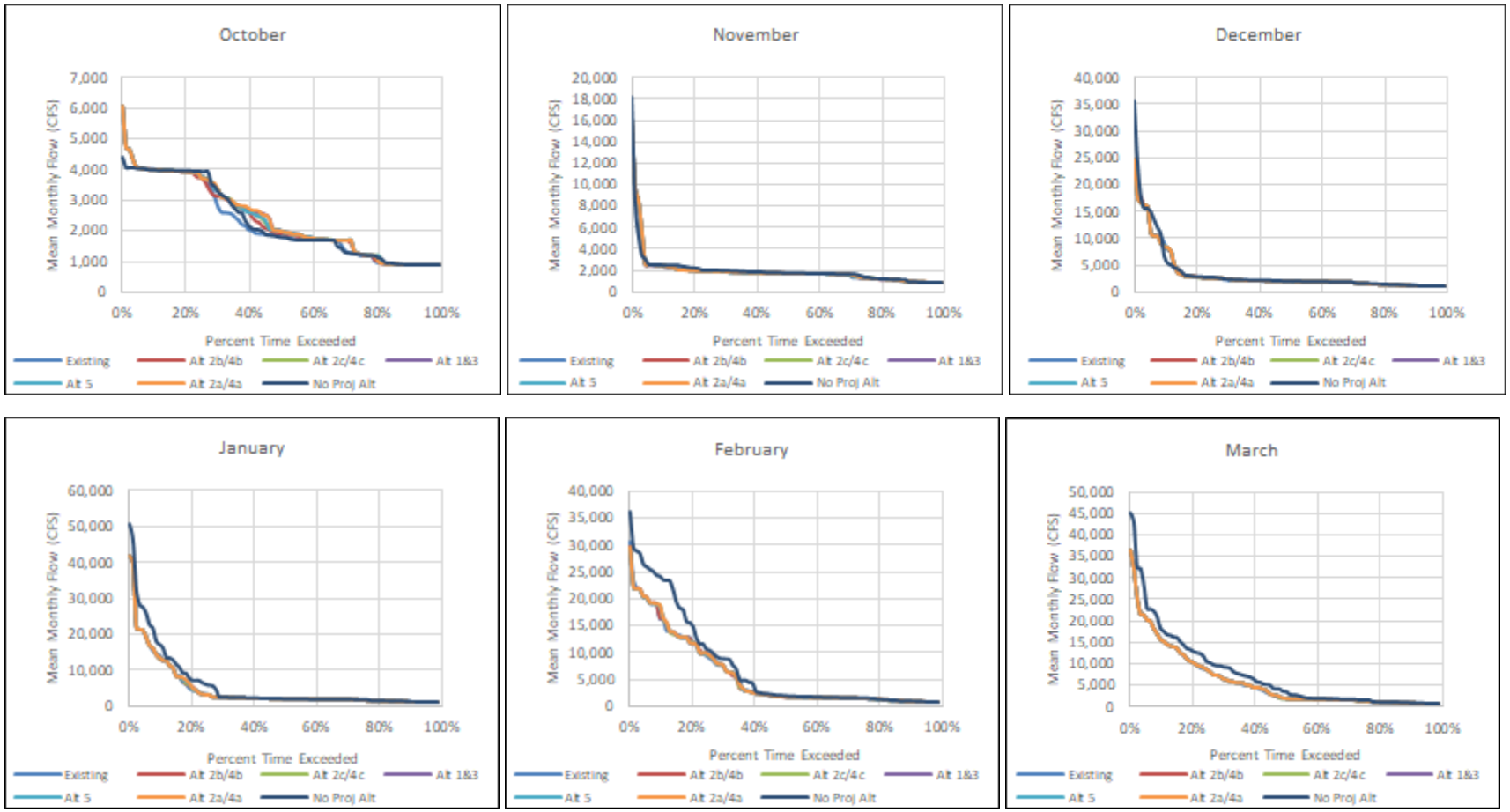


Figure 5A-B3.2.15.1-B. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Probability of Exceedance for Existing Conditions, April to September

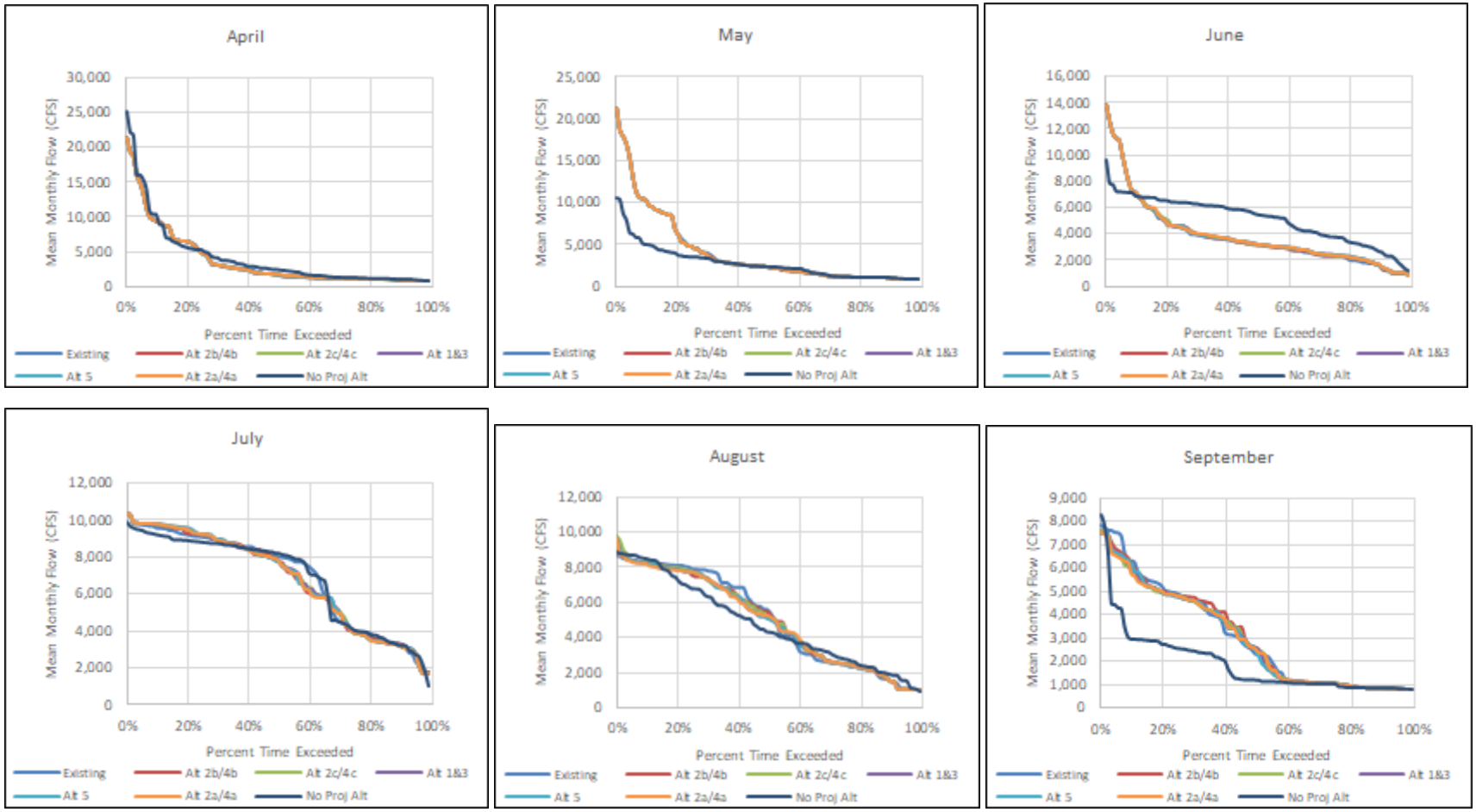


Table 5A-B3.2.15.1-A. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,002	2,446	8,681	13,637	16,445	15,959	9,403	10,065	7,029	9,540	8,264	6,284
20%	3,925	2,064	2,638	4,466	12,365	10,531	6,484	6,358	4,766	9,179	8,128	5,110
30%	2,800	1,934	2,096	2,318	7,709	6,673	3,058	3,918	3,933	8,950	7,819	4,551
40%	2,028	1,828	1,942	1,992	2,912	4,631	2,402	2,550	3,567	8,519	6,860	3,191
50%	1,804	1,765	1,828	1,837	1,955	2,031	1,616	2,182	3,208	7,993	5,518	2,270
60%	1,705	1,738	1,753	1,765	1,835	1,872	1,245	1,689	2,915	7,491	3,312	1,139
70%	1,379	1,678	1,694	1,727	1,769	1,733	1,095	1,166	2,414	4,522	2,561	1,017
80%	997	1,240	1,226	1,320	1,456	1,202	1,041	1,001	2,141	3,857	2,275	911
90%	900	977	1,012	1,077	1,125	1,002	837	907	1,676	3,290	1,535	809

Table 5A-B3.2.15.1-B. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,281	2,032	3,255	4,672	6,049	6,173	3,751	4,007	3,873	6,900	5,078	3,018
Wet Water Years	2,673	2,899	6,372	10,072	12,825	13,001	8,014	7,488	5,074	6,393	4,708	4,514
Above Normal Water Years	2,120	1,890	2,398	4,027	5,421	6,385	3,146	5,236	3,843	8,438	7,389	5,310
Below Normal Water Years	2,352	1,713	1,884	2,137	3,309	3,176	1,210	2,068	2,739	8,445	7,162	2,624
Dry Water Years	2,228	1,521	1,575	1,522	1,698	1,555	1,653	1,809	3,851	7,320	3,466	943
Critical Water Years	1,525	1,384	1,384	1,237	1,346	1,346	1,523	1,051	3,135	3,761	2,456	835

Table 5A-B3.2.15.1-C. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,991	2,406	8,351	12,859	16,474	15,746	9,403	10,063	7,025	9,713	8,232	6,093
20%	3,919	2,019	2,685	5,319	12,260	10,531	6,483	6,358	5,031	9,261	7,865	4,984
30%	3,123	1,906	2,306	2,319	7,865	6,671	3,066	3,649	4,011	8,918	7,346	4,727
40%	2,579	1,835	1,942	1,992	2,690	4,662	2,369	2,511	3,632	8,425	6,320	4,005
50%	1,917	1,759	1,828	1,838	1,944	2,105	1,602	2,253	3,153	7,794	5,393	2,525
60%	1,748	1,740	1,753	1,774	1,835	1,860	1,265	1,682	2,925	6,049	3,820	1,175
70%	1,700	1,690	1,694	1,727	1,769	1,730	1,136	1,155	2,425	5,110	2,662	1,042
80%	1,046	1,236	1,228	1,320	1,456	1,217	1,054	1,000	2,240	3,755	2,294	912
90%	900	1,010	1,005	1,070	1,125	1,003	917	912	1,667	3,264	1,523	809

Table 5A-B3.2.15.1-D. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,372	2,041	3,258	4,685	6,005	6,197	3,753	3,989	3,909	6,825	5,007	3,024
Wet Water Years	2,733	2,920	6,384	10,084	12,751	13,017	8,014	7,488	5,100	6,312	4,534	4,529
Above Normal Water Years	2,597	1,901	2,357	3,955	5,251	6,416	3,095	5,188	3,838	8,049	7,268	5,292
Below Normal Water Years	2,282	1,682	1,828	2,213	3,314	3,217	1,253	2,017	2,808	8,685	6,783	2,649
Dry Water Years	2,413	1,589	1,599	1,523	1,698	1,594	1,629	1,800	3,893	7,076	3,930	954
Critical Water Years	1,502	1,357	1,477	1,241	1,346	1,334	1,542	1,067	3,167	3,664	2,524	813

Table 5A-B3.2.15.1-E. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-11	-40	-330	-777	29	-213	0	-2	-3	172	-31	-191
20%	-6	-45	47	853	-105	0	0	0	265	82	-263	-126
30%	324	-28	210	0	155	-2	7	-269	79	-32	-473	176
40%	551	7	0	0	-222	31	-33	-39	65	-94	-539	813
50%	114	-6	0	1	-11	75	-13	71	-54	-199	-125	255
60%	44	2	0	8	0	-12	20	-7	10	-1,442	508	36
70%	321	12	0	0	0	-3	41	-11	11	588	101	24
80%	49	-4	1	1	0	15	13	-1	98	-101	19	1
90%	0	33	-7	-7	0	0	81	4	-8	-26	-12	0

Table 5A-B3.2.15.1-F. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	92	9	4	13	-44	24	2	-17	36	-75	-71	7
Wet Water Years	60	21	13	12	-74	16	-1	-1	26	-81	-174	15
Above Normal Water Years	477	11	-41	-72	-170	31	-50	-47	-5	-390	-121	-19
Below Normal Water Years	-70	-30	-56	76	4	41	43	-51	69	240	-379	25
Dry Water Years	185	68	24	1	0	39	-24	-9	43	-244	464	11
Critical Water Years	-22	-27	92	3	0	-11	19	16	33	-97	68	-23

Table 5A-B3.2.15.2-A. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,988	2,493	8,382	12,894	18,227	15,726	9,403	10,063	7,025	9,749	8,231	5,888
20%	3,923	2,019	2,601	4,994	12,085	10,540	6,483	6,358	5,060	9,484	7,930	4,897
30%	3,345	1,917	2,306	2,319	7,871	6,670	3,060	3,650	3,956	8,943	7,279	4,551
40%	2,681	1,802	1,942	1,992	2,690	4,632	2,361	2,511	3,622	8,359	6,305	3,738
50%	2,007	1,759	1,828	1,838	1,956	2,009	1,676	2,253	3,141	7,737	5,110	2,482
60%	1,774	1,737	1,766	1,774	1,835	1,848	1,284	1,694	2,907	6,365	3,696	1,143
70%	1,700	1,630	1,694	1,727	1,769	1,728	1,126	1,153	2,463	5,113	2,605	1,017
80%	1,200	1,257	1,231	1,320	1,456	1,217	1,045	1,000	2,241	3,628	2,292	911
90%	900	995	1,005	1,070	1,125	1,003	894	914	1,635	3,253	1,527	809

Table 5A-B3.2.15.2-B. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,418	2,048	3,241	4,685	6,033	6,191	3,757	3,994	3,904	6,843	5,011	2,947
Wet Water Years	2,743	2,934	6,330	10,073	12,848	13,020	8,005	7,487	5,106	6,325	4,556	4,397
Above Normal Water Years	2,637	1,894	2,371	3,972	5,215	6,404	3,094	5,196	3,837	8,076	7,357	5,029
Below Normal Water Years	2,413	1,682	1,825	2,216	3,323	3,193	1,248	2,038	2,784	8,638	6,699	2,642
Dry Water Years	2,411	1,605	1,603	1,523	1,698	1,599	1,674	1,799	3,866	7,221	3,946	956
Critical Water Years	1,549	1,363	1,465	1,241	1,346	1,332	1,544	1,064	3,186	3,643	2,538	813

Table 5A-B3.2.15.2-C. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-14	48	-300	-743	1,782	-233	0	-2	-4	209	-33	-396
20%	-2	-45	-37	529	-281	9	0	0	293	305	-199	-213
30%	546	-17	210	1	161	-3	1	-269	23	-7	-540	0
40%	653	-26	0	0	-222	1	-41	-39	55	-160	-555	547
50%	203	-6	0	1	0	-22	61	71	-67	-256	-409	212
60%	70	-1	13	8	0	-24	40	5	-8	-1,126	384	3
70%	321	-48	0	0	0	-5	31	-13	49	591	44	0
80%	203	18	5	0	0	15	4	-1	100	-229	17	0
90%	0	18	-7	-7	0	0	58	6	-40	-37	-8	0

Table 5A-B3.2.15.2-D. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	137	16	-14	13	-16	18	6	-12	30	-57	-67	-70
Wet Water Years	69	36	-42	1	23	19	-9	-1	32	-67	-152	-117
Above Normal Water Years	517	5	-26	-56	-206	19	-51	-40	-6	-363	-32	-281
Below Normal Water Years	61	-30	-59	79	14	17	38	-30	45	192	-463	18
Dry Water Years	183	85	28	1	0	44	21	-10	16	-99	480	14
Critical Water Years	24	-22	81	4	0	-13	20	13	52	-118	82	-23

Table 5A-B3.2.15.3-A. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,988	2,474	8,131	13,228	18,080	15,726	9,403	10,063	7,025	9,765	8,257	5,885
20%	3,923	2,019	2,662	5,260	11,837	10,548	6,483	6,358	4,767	9,510	7,905	4,918
30%	3,333	1,917	2,306	2,319	7,871	6,669	3,123	3,649	3,931	8,913	7,320	4,582
40%	2,645	1,800	1,942	1,992	2,690	4,649	2,362	2,568	3,618	8,401	6,281	3,644
50%	2,009	1,759	1,828	1,838	1,956	2,105	1,693	2,236	3,165	7,739	5,087	2,529
60%	1,774	1,738	1,766	1,774	1,835	1,860	1,335	1,693	2,934	6,316	3,669	1,131
70%	1,700	1,623	1,694	1,727	1,769	1,730	1,136	1,154	2,465	5,098	2,609	1,018
80%	1,176	1,244	1,228	1,320	1,456	1,217	1,045	1,000	2,252	3,626	2,260	911
90%	900	996	1,006	1,070	1,125	1,003	952	916	1,622	3,240	1,531	809

Table 5A-B3.2.15.3-B. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,424	2,046	3,230	4,703	6,041	6,204	3,764	3,994	3,893	6,843	4,988	2,942
Wet Water Years	2,735	2,938	6,319	10,098	12,852	13,020	7,996	7,487	5,106	6,302	4,537	4,388
Above Normal Water Years	2,627	1,894	2,373	4,055	5,268	6,412	3,095	5,199	3,840	8,056	7,256	5,086
Below Normal Water Years	2,420	1,683	1,781	2,217	3,316	3,190	1,263	2,031	2,788	8,656	6,742	2,602
Dry Water Years	2,416	1,581	1,604	1,523	1,698	1,599	1,709	1,803	3,889	7,223	3,859	953
Critical Water Years	1,595	1,364	1,481	1,241	1,356	1,418	1,549	1,061	3,079	3,677	2,543	813

Table 5A-B3.2.15.3-C. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-14	29	-550	-409	1,635	-233	0	-2	-4	224	-6	-399
20%	-2	-45	23	794	-528	17	0	0	1	332	-223	-192
30%	533	-17	210	1	161	-4	64	-269	-2	-37	-499	31
40%	617	-28	0	0	-222	18	-40	18	51	-118	-578	453
50%	205	-6	0	1	1	75	77	54	-42	-254	-431	259
60%	70	-1	13	8	0	-12	90	3	19	-1,175	357	-8
70%	321	-55	0	0	0	-3	41	-12	51	577	47	0
80%	179	5	1	0	0	15	4	-1	110	-231	-14	0
90%	0	20	-7	-7	0	0	115	8	-54	-49	-4	0

Table 5A-B3.2.15.3-D. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	143	13	-25	31	-8	31	14	-13	19	-57	-90	-76
Wet Water Years	62	39	-53	26	27	19	-18	-1	32	-91	-172	-126
Above Normal Water Years	507	5	-24	28	-154	27	-51	-36	-3	-383	-133	-224
Below Normal Water Years	67	-30	-103	79	6	14	53	-37	49	211	-420	-22
Dry Water Years	188	61	29	1	0	44	56	-6	39	-97	393	11
Critical Water Years	70	-21	97	4	11	73	26	10	-56	-83	87	-22

Table 5A-B3.2.15.4-A. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,988	2,491	8,233	13,231	18,198	15,725	9,403	10,063	7,025	9,770	8,196	5,677
20%	3,931	2,019	2,685	5,398	11,870	10,546	6,483	6,358	4,771	9,476	7,848	4,909
30%	3,372	1,930	2,306	2,319	7,871	6,669	3,085	3,658	3,980	8,891	7,310	4,551
40%	2,733	1,835	1,942	1,992	2,690	4,652	2,361	2,579	3,618	8,419	6,191	3,662
50%	1,995	1,765	1,829	1,838	1,956	2,105	1,730	2,225	3,157	7,800	5,235	2,424
60%	1,769	1,739	1,766	1,774	1,835	1,865	1,343	1,687	2,917	6,227	3,982	1,131
70%	1,700	1,701	1,694	1,727	1,769	1,730	1,161	1,168	2,459	4,947	2,625	1,017
80%	1,124	1,246	1,228	1,329	1,600	1,217	1,073	1,000	2,208	3,627	2,293	913
90%	900	995	1,005	1,070	1,129	1,003	948	916	1,659	3,249	1,535	809

Table 5A-B3.2.15.4-B. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,430	2,055	3,236	4,715	6,056	6,204	3,780	3,992	3,893	6,816	4,984	2,916
Wet Water Years	2,720	2,940	6,332	10,103	12,854	13,020	8,001	7,487	5,107	6,306	4,535	4,318
Above Normal Water Years	2,626	1,902	2,374	4,081	5,290	6,413	3,123	5,189	3,839	8,060	7,254	5,050
Below Normal Water Years	2,427	1,683	1,781	2,248	3,356	3,194	1,281	2,027	2,783	8,595	6,783	2,607
Dry Water Years	2,467	1,592	1,606	1,524	1,698	1,599	1,750	1,803	3,941	7,172	3,780	951
Critical Water Years	1,604	1,402	1,488	1,239	1,372	1,414	1,544	1,064	3,029	3,638	2,548	813

Table 5A-B3.2.15.4-C. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-13	46	-449	-406	1,753	-235	0	-2	-3	230	-68	-607
20%	6	-45	46	932	-495	15	0	0	5	297	-281	-201
30%	572	-4	210	1	161	-4	27	-260	47	-58	-509	0
40%	706	6	0	0	-222	21	-42	29	51	-100	-669	471
50%	191	0	1	1	1	75	115	43	-51	-193	-283	154
60%	64	0	13	8	0	-7	98	-2	2	-1,264	670	-8
70%	321	23	0	0	0	-3	66	1	46	426	64	0
80%	127	7	1	10	145	15	33	-1	67	-230	18	3
90%	0	18	-7	-7	5	0	111	9	-17	-41	0	0

Table 5A-B3.2.15.4-D. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	149	23	-19	43	7	32	29	-15	20	-84	-94	-102
Wet Water Years	46	42	-39	31	29	20	-13	-1	33	-86	-173	-196
Above Normal Water Years	506	12	-24	54	-131	28	-23	-46	-4	-379	-135	-260
Below Normal Water Years	75	-29	-103	111	47	18	71	-41	44	150	-379	-18
Dry Water Years	239	71	31	3	0	43	98	-6	90	-148	314	9
Critical Water Years	79	18	103	2	26	68	21	13	-105	-122	92	-22

Table 5A-B3.2.15.5-A. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,988	2,474	8,130	13,228	18,079	15,730	9,403	10,063	7,025	9,764	8,258	6,073
20%	3,923	2,019	2,645	5,265	11,973	10,548	6,483	6,358	4,767	9,557	7,893	4,919
30%	3,338	1,919	2,306	2,319	7,871	6,670	3,123	3,649	3,931	8,958	7,319	4,582
40%	2,600	1,793	1,942	1,992	2,690	4,649	2,362	2,568	3,618	8,456	6,348	3,644
50%	1,999	1,759	1,828	1,838	1,956	2,105	1,693	2,239	3,165	7,739	5,087	2,346
60%	1,774	1,738	1,766	1,774	1,835	1,860	1,335	1,693	2,934	6,259	3,669	1,131
70%	1,700	1,630	1,694	1,727	1,769	1,730	1,136	1,154	2,458	5,099	2,609	1,018
80%	1,200	1,244	1,228	1,320	1,456	1,217	1,045	1,000	2,252	3,629	2,260	912
90%	900	996	1,006	1,070	1,125	1,003	952	916	1,622	3,252	1,531	809

Table 5A-B3.2.15.5-B. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,415	2,045	3,227	4,704	6,043	6,204	3,764	3,994	3,893	6,844	4,988	2,942
Wet Water Years	2,743	2,938	6,313	10,098	12,859	13,020	7,996	7,487	5,106	6,304	4,536	4,387
Above Normal Water Years	2,627	1,894	2,373	4,058	5,267	6,412	3,095	5,199	3,840	7,922	7,255	5,186
Below Normal Water Years	2,393	1,683	1,780	2,216	3,316	3,190	1,262	2,031	2,788	8,731	6,727	2,549
Dry Water Years	2,400	1,581	1,604	1,523	1,698	1,599	1,709	1,803	3,889	7,227	3,883	954
Critical Water Years	1,582	1,361	1,478	1,241	1,356	1,419	1,550	1,061	3,080	3,678	2,544	813

Table 5A-B3.2.15.5-C. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-14	29	-552	-409	1,634	-229	0	-2	-4	224	-6	-211
20%	-2	-45	7	800	-392	17	0	0	1	378	-236	-191
30%	539	-14	210	1	161	-3	64	-269	-2	9	-500	31
40%	572	-35	0	0	-222	18	-40	18	50	-63	-512	453
50%	195	-6	0	1	1	75	77	57	-42	-254	-431	77
60%	70	-1	13	8	0	-12	90	3	19	-1,231	357	-8
70%	321	-48	0	0	0	-3	41	-12	45	577	47	0
80%	203	5	1	0	0	15	4	-1	110	-228	-14	2
90%	0	20	-7	-7	0	0	115	8	-54	-37	-4	0

Table 5A-B3.2.15.5-D. Feather River at Sunset Pumps Monthly Flow (C_FTR039), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	134	13	-27	32	-6	31	13	-13	20	-56	-90	-76
Wet Water Years	69	39	-59	26	34	19	-18	-1	32	-89	-172	-127
Above Normal Water Years	507	5	-24	31	-154	27	-51	-36	-3	-517	-134	-124
Below Normal Water Years	41	-30	-104	79	6	14	52	-37	48	286	-435	-76
Dry Water Years	172	61	29	1	0	44	56	-6	38	-94	417	11
Critical Water Years	57	-23	94	4	11	73	26	10	-55	-83	87	-22

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B.2.16 Feather River below Yuba River Confluence

Figure 5A-B3.2.16.1-A. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Probability of Exceedance for Existing Conditions, October to March

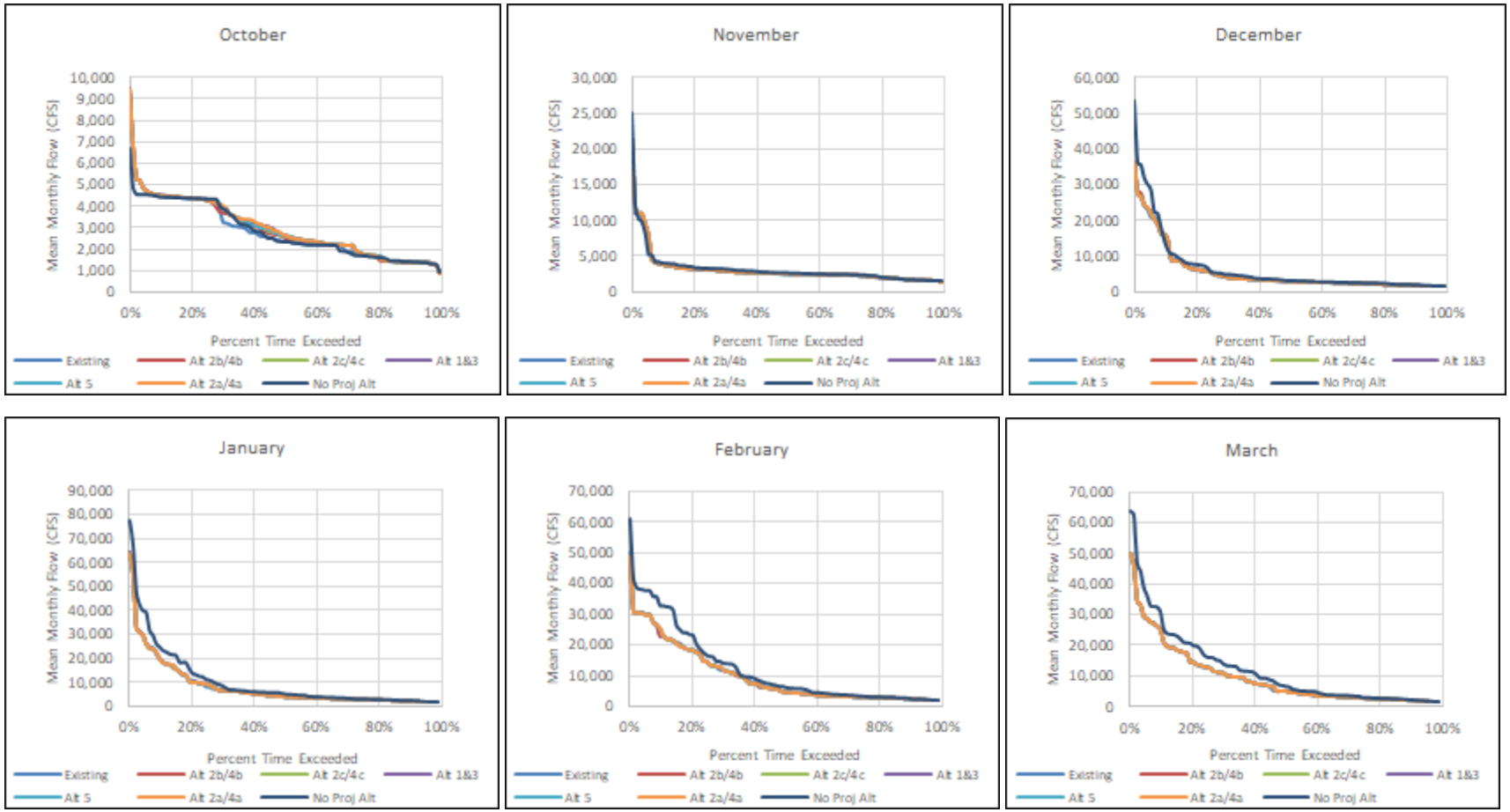


Figure 5A-B3.2.16.1-B. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Probability of Exceedance for Existing Conditions, April to September

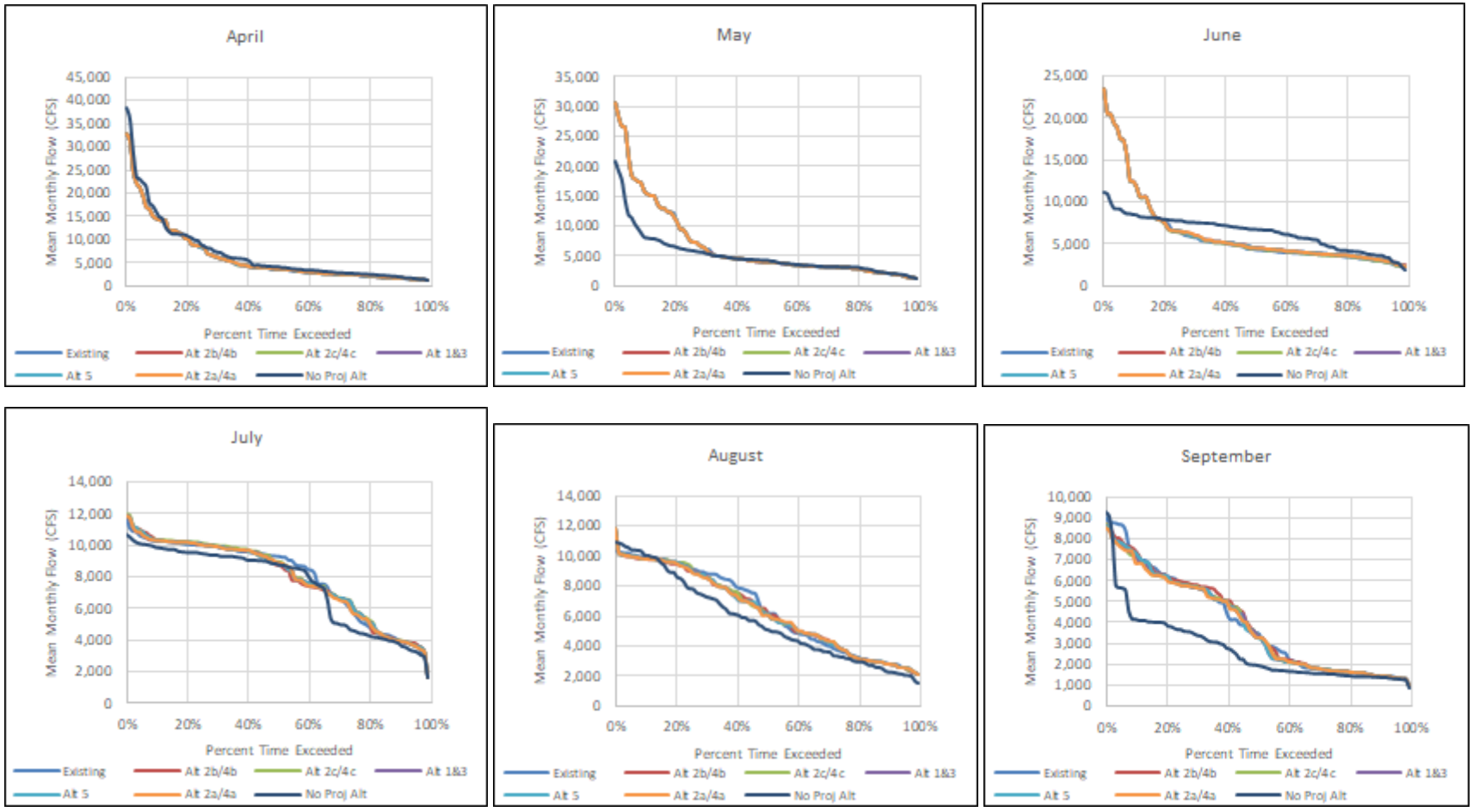


Table 5A-B3.2.16.1-A. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,539	3,753	15,726	19,292	22,944	23,957	14,507	15,530	12,219	10,319	9,923	7,333
20%	4,384	3,127	6,125	10,440	18,316	14,547	10,185	11,199	7,739	10,113	9,591	6,245
30%	3,335	2,806	4,342	6,482	11,667	11,042	6,283	6,118	5,783	9,959	8,836	5,663
40%	2,776	2,616	3,415	5,148	7,229	7,752	4,369	4,500	5,092	9,640	7,936	4,393
50%	2,373	2,434	2,836	3,868	4,626	5,043	3,589	3,880	4,356	9,352	6,264	3,476
60%	2,221	2,343	2,635	3,362	3,871	3,622	3,034	3,413	3,993	8,543	4,843	2,300
70%	1,909	2,281	2,387	2,874	3,162	3,095	2,516	3,092	3,787	6,709	3,991	1,758
80%	1,609	1,865	2,047	2,612	2,763	2,554	2,190	2,878	3,493	4,940	3,233	1,623
90%	1,391	1,566	1,820	2,058	2,361	2,072	1,734	2,051	3,021	4,030	2,801	1,435

Table 5A-B3.2.16.1-B. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,874	3,062	5,619	8,160	9,828	9,512	6,382	6,725	6,213	8,056	6,404	3,958
Wet Water Years	3,410	4,524	11,150	16,819	19,578	19,224	12,709	11,932	9,210	8,322	6,695	5,685
Above Normal Water Years	2,674	2,714	3,892	8,020	9,876	10,186	5,995	8,760	7,103	9,971	9,019	6,450
Below Normal Water Years	2,863	2,523	3,403	4,115	5,741	5,132	3,362	4,077	4,352	9,283	8,316	3,543
Dry Water Years	2,759	2,250	2,526	2,746	3,542	3,119	2,668	3,224	4,672	7,818	4,249	1,628
Critical Water Years	2,044	2,000	2,263	2,270	2,501	2,312	2,143	1,987	3,716	4,191	2,998	1,436

Table 5A-B3.2.16.1-C. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,513	3,754	15,726	19,288	22,963	23,957	14,502	15,530	12,216	10,377	9,803	7,357
20%	4,369	3,128	6,356	10,114	18,280	14,547	10,185	10,990	7,426	10,221	9,485	6,185
30%	3,695	2,804	4,342	6,482	12,029	11,039	6,283	6,118	5,958	9,971	8,631	5,789
40%	3,065	2,542	3,415	5,148	7,229	7,751	4,375	4,489	5,091	9,670	7,555	5,033
50%	2,536	2,420	2,953	3,869	4,626	5,041	3,661	3,893	4,479	8,802	6,271	3,280
60%	2,336	2,366	2,651	3,394	3,595	3,595	3,041	3,392	4,130	7,489	4,920	2,212
70%	2,192	2,289	2,376	2,887	3,140	3,095	2,534	3,089	3,797	6,709	4,403	1,785
80%	1,608	1,901	2,048	2,622	2,763	2,527	2,186	2,830	3,562	5,240	3,147	1,627
90%	1,397	1,622	1,825	2,074	2,361	2,073	1,735	2,051	3,048	4,026	2,761	1,422

Table 5A-B3.2.16.1-D. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,961	3,073	5,622	8,173	9,785	9,535	6,384	6,709	6,248	7,986	6,332	3,964
Wet Water Years	3,469	4,548	11,163	16,831	19,506	19,239	12,709	11,931	9,237	8,247	6,519	5,703
Above Normal Water Years	3,135	2,727	3,852	7,949	9,709	10,213	5,946	8,713	7,093	9,592	8,897	6,426
Below Normal Water Years	2,796	2,494	3,347	4,188	5,746	5,173	3,406	4,028	4,419	9,520	7,949	3,556
Dry Water Years	2,926	2,324	2,551	2,748	3,542	3,157	2,646	3,216	4,712	7,583	4,697	1,650
Critical Water Years	2,023	1,979	2,350	2,278	2,502	2,301	2,160	2,007	3,749	4,099	3,063	1,414

Table 5A-B3.2.16.1-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-25	2	0	-4	19	0	-6	0	-3	58	-120	24
20%	-14	0	231	-325	-36	0	0	-209	-313	108	-105	-61
30%	360	-2	0	0	362	-3	0	0	174	12	-205	126
40%	289	-75	0	0	0	0	5	-10	0	30	-381	640
50%	162	-14	116	1	0	-2	72	12	123	-550	7	-196
60%	115	23	17	32	-276	-27	7	-21	138	-1,053	78	-88
70%	283	8	-11	13	-22	0	17	-3	10	0	412	27
80%	-1	36	0	10	0	-27	-4	-48	68	300	-85	4
90%	6	56	5	16	0	0	1	0	26	-4	-40	-13

Table 5A-B3.2.16.1-F. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	87	12	3	13	-43	22	3	-16	35	-71	-72	6
Wet Water Years	60	24	13	12	-72	15	0	-1	27	-75	-176	18
Above Normal Water Years	460	12	-40	-71	-168	27	-49	-47	-10	-379	-122	-24
Below Normal Water Years	-67	-29	-56	74	6	41	45	-48	68	237	-367	13
Dry Water Years	167	74	25	2	-1	38	-23	-8	40	-235	448	21
Critical Water Years	-21	-22	87	7	1	-11	17	19	34	-93	64	-22

Table 5A-B3.2.16.2-A. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,495	3,760	15,766	19,292	24,745	23,957	14,502	15,530	12,216	10,344	9,804	7,117
20%	4,382	3,148	6,356	10,070	18,282	14,547	10,190	11,027	7,429	10,203	9,598	6,160
30%	3,963	2,804	4,342	6,482	12,029	11,040	6,283	6,118	5,887	9,971	8,569	5,705
40%	3,194	2,560	3,348	5,148	7,229	7,751	4,374	4,490	5,105	9,709	7,599	4,985
50%	2,640	2,413	2,951	3,869	4,620	5,041	3,690	3,954	4,481	8,949	6,121	3,365
60%	2,358	2,338	2,651	3,394	3,595	3,595	3,040	3,386	4,180	7,535	5,014	2,089
70%	2,199	2,286	2,415	2,887	3,161	3,095	2,523	3,089	3,802	6,708	4,282	1,790
80%	1,701	1,990	2,048	2,615	2,763	2,533	2,186	2,820	3,565	5,351	3,147	1,625
90%	1,396	1,585	1,824	2,077	2,361	2,072	1,735	2,061	3,056	4,002	2,771	1,421

Table 5A-B3.2.16.2-B. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3,005	3,081	5,605	8,173	9,813	9,529	6,389	6,714	6,243	8,003	6,337	3,888
Wet Water Years	3,476	4,562	11,110	16,819	19,601	19,243	12,701	11,931	9,243	8,260	6,541	5,573
Above Normal Water Years	3,176	2,720	3,867	7,965	9,673	10,200	5,944	8,721	7,092	9,621	8,985	6,169
Below Normal Water Years	2,925	2,494	3,344	4,191	5,756	5,150	3,402	4,050	4,395	9,472	7,868	3,546
Dry Water Years	2,923	2,341	2,556	2,748	3,542	3,162	2,690	3,216	4,686	7,724	4,714	1,654
Critical Water Years	2,069	1,985	2,338	2,280	2,502	2,299	2,163	2,002	3,768	4,078	3,076	1,415

Table 5A-B3.2.16.2-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-44	8	39	0	1,802	0	-6	0	-3	26	-120	-216
20%	-2	21	231	-369	-34	0	6	-172	-311	90	8	-85
30%	628	-2	0	0	362	-2	0	0	104	12	-267	42
40%	418	-57	-67	0	0	0	5	-10	13	70	-337	592
50%	267	-21	115	0	-6	-2	101	74	125	-403	-143	-111
60%	137	-5	17	32	-276	-27	7	-28	187	-1,007	171	-210
70%	290	5	28	13	-1	0	6	-3	15	-1	291	32
80%	92	125	0	4	0	-21	-4	-58	71	411	-85	2
90%	5	18	4	19	0	0	1	10	35	-28	-29	-14

Table 5A-B3.2.16.2-D. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	131	19	-14	13	-15	17	7	-11	30	-53	-68	-70
Wet Water Years	66	38	-40	0	23	19	-8	-1	33	-62	-154	-111
Above Normal Water Years	502	6	-25	-55	-203	14	-50	-40	-10	-350	-33	-281
Below Normal Water Years	61	-29	-59	77	15	17	40	-27	44	189	-449	2
Dry Water Years	163	91	30	2	-1	43	22	-7	14	-95	465	25
Critical Water Years	26	-16	75	9	1	-13	20	14	52	-113	78	-22

Table 5A-B3.2.16.3-A. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,496	3,762	15,776	19,293	24,603	23,958	14,502	15,530	12,216	10,354	9,831	7,114
20%	4,382	3,134	6,356	10,071	18,282	14,547	10,190	11,045	7,430	10,217	9,598	6,210
30%	3,951	2,804	3,921	6,482	12,029	11,043	6,283	6,118	5,884	9,970	8,577	5,666
40%	3,176	2,555	3,406	5,148	7,265	7,751	4,373	4,490	5,090	9,707	7,205	4,944
50%	2,662	2,412	2,950	3,868	4,620	5,041	3,710	3,918	4,419	8,922	6,128	3,367
60%	2,362	2,336	2,651	3,376	3,595	3,595	2,969	3,408	4,061	7,683	5,013	2,093
70%	2,192	2,285	2,415	2,887	3,140	3,123	2,524	3,089	3,808	6,709	4,265	1,792
80%	1,694	1,950	2,048	2,620	2,763	2,557	2,186	2,814	3,564	5,221	3,147	1,623
90%	1,396	1,585	1,823	2,078	2,361	2,178	1,747	2,077	3,050	3,987	2,766	1,421

Table 5A-B3.2.16.3-B. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3,010	3,078	5,594	8,191	9,821	9,543	6,395	6,714	6,232	8,003	6,314	3,882
Wet Water Years	3,468	4,565	11,100	16,843	19,605	19,243	12,692	11,931	9,243	8,237	6,522	5,564
Above Normal Water Years	3,167	2,720	3,867	8,047	9,727	10,209	5,945	8,724	7,098	9,600	8,886	6,225
Below Normal Water Years	2,931	2,494	3,301	4,191	5,748	5,146	3,415	4,043	4,399	9,491	7,909	3,506
Dry Water Years	2,928	2,317	2,556	2,748	3,542	3,162	2,724	3,221	4,708	7,726	4,630	1,649
Critical Water Years	2,114	1,987	2,354	2,280	2,514	2,385	2,165	2,002	3,661	4,110	3,081	1,415

Table 5A-B3.2.16.3-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-43	10	50	1	1,660	0	-6	0	-3	35	-93	-219
20%	-2	7	231	-369	-34	0	5	-154	-309	104	7	-35
30%	616	-2	-421	0	362	1	0	0	101	11	-258	3
40%	400	-62	-9	0	36	0	4	-10	-1	67	-732	552
50%	289	-22	113	0	-6	-2	121	37	64	-429	-136	-108
60%	141	-7	17	14	-276	-27	-65	-6	68	-860	170	-206
70%	283	4	28	13	-22	28	8	-3	21	0	274	34
80%	85	85	0	9	0	3	-4	-63	71	281	-85	0
90%	5	18	3	20	0	106	13	26	29	-43	-35	-14

Table 5A-B3.2.16.3-D. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	136	17	-24	31	-7	30	14	-11	19	-54	-91	-76
Wet Water Years	58	41	-50	25	27	19	-17	-1	33	-85	-173	-120
Above Normal Water Years	493	6	-25	27	-150	23	-50	-37	-5	-372	-133	-225
Below Normal Water Years	67	-29	-102	76	7	14	54	-33	47	208	-408	-37
Dry Water Years	168	67	30	2	-1	43	56	-3	36	-92	381	20
Critical Water Years	70	-13	92	9	13	73	23	14	-55	-82	83	-21

Table 5A-B3.2.16.4-A. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,496	3,761	15,750	19,290	24,719	23,958	14,502	15,530	12,216	10,353	9,806	6,861
20%	4,407	3,141	6,356	10,069	18,296	14,547	10,190	10,996	7,427	10,233	9,533	6,047
30%	4,049	2,804	3,920	6,482	12,029	11,044	6,283	6,118	5,997	9,968	8,547	5,663
40%	3,325	2,577	3,415	5,148	7,252	7,751	4,378	4,490	5,088	9,739	7,335	4,926
50%	2,654	2,440	2,950	3,868	4,620	5,041	3,685	3,905	4,426	8,954	6,040	3,283
60%	2,362	2,346	2,652	3,376	3,595	3,595	3,018	3,412	4,060	7,524	5,050	2,119
70%	2,192	2,289	2,415	2,887	3,140	3,123	2,604	3,089	3,779	6,646	4,330	1,790
80%	1,654	1,947	2,048	2,622	2,794	2,557	2,259	2,814	3,552	5,278	3,147	1,626
90%	1,397	1,585	1,826	2,078	2,497	2,176	1,747	2,087	3,068	3,979	2,768	1,421

Table 5A-B3.2.16.4-B. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3,016	3,087	5,600	8,203	9,836	9,544	6,411	6,712	6,232	7,977	6,309	3,857
Wet Water Years	3,453	4,568	11,113	16,848	19,607	19,244	12,697	11,931	9,243	8,241	6,520	5,494
Above Normal Water Years	3,163	2,727	3,868	8,072	9,749	10,211	5,972	8,715	7,096	9,603	8,886	6,188
Below Normal Water Years	2,937	2,496	3,301	4,222	5,787	5,151	3,434	4,040	4,394	9,432	7,948	3,515
Dry Water Years	2,978	2,325	2,557	2,751	3,542	3,162	2,767	3,222	4,758	7,679	4,550	1,645
Critical Water Years	2,122	2,025	2,364	2,276	2,528	2,381	2,163	2,002	3,613	4,071	3,085	1,415

Table 5A-B3.2.16.4-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-42	9	24	-2	1,775	0	-6	0	-3	34	-118	-472
20%	23	14	231	-370	-20	0	6	-203	-313	120	-58	-199
30%	715	-2	-422	0	362	2	0	0	214	9	-288	0
40%	549	-39	0	0	23	0	9	-10	-4	99	-602	533
50%	281	6	114	0	-6	-1	96	25	70	-398	-224	-193
60%	141	3	17	14	-276	-27	-16	-1	67	-1,018	207	-180
70%	283	8	28	13	-23	28	87	-3	-8	-63	339	32
80%	45	82	0	10	32	3	69	-63	59	337	-85	3
90%	6	18	6	20	136	104	13	36	47	-51	-32	-14

Table 5A-B3.2.16.4-D. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	142	26	-18	43	8	31	30	-13	19	-80	-95	-101
Wet Water Years	43	44	-37	29	29	20	-12	-1	33	-81	-175	-190
Above Normal Water Years	488	13	-24	52	-127	25	-22	-46	-7	-368	-133	-262
Below Normal Water Years	73	-27	-102	107	47	19	72	-37	43	149	-369	-29
Dry Water Years	219	76	31	5	0	42	98	-2	86	-140	301	16
Critical Water Years	79	24	101	6	27	69	20	14	-103	-121	87	-21

Table 5A-B3.2.16.5-A. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,496	3,762	15,724	19,287	24,602	23,958	14,502	15,530	12,216	10,354	9,822	7,293
20%	4,382	3,134	6,356	10,071	18,282	14,547	10,190	11,045	7,430	10,218	9,598	6,210
30%	3,967	2,804	3,899	6,482	12,029	11,043	6,283	6,118	5,884	9,970	8,577	5,667
40%	3,107	2,555	3,366	5,148	7,265	7,751	4,373	4,489	5,092	9,707	7,205	4,938
50%	2,631	2,408	2,950	3,868	4,620	5,041	3,710	3,918	4,419	8,870	6,125	3,256
60%	2,362	2,336	2,651	3,375	3,595	3,595	2,969	3,408	4,061	7,686	5,013	2,093
70%	2,196	2,285	2,415	2,887	3,140	3,123	2,524	3,089	3,808	6,709	4,265	1,793
80%	1,701	1,950	2,048	2,619	2,763	2,557	2,186	2,814	3,564	5,221	3,147	1,623
90%	1,396	1,585	1,823	2,078	2,361	2,178	1,747	2,077	3,050	3,988	2,766	1,421

Table 5A-B3.2.16.5-B. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3,002	3,078	5,592	8,191	9,823	9,543	6,395	6,714	6,232	8,005	6,314	3,882
Wet Water Years	3,475	4,565	11,094	16,843	19,612	19,244	12,692	11,931	9,243	8,239	6,522	5,563
Above Normal Water Years	3,168	2,720	3,868	8,050	9,727	10,210	5,945	8,724	7,098	9,468	8,881	6,322
Below Normal Water Years	2,906	2,495	3,300	4,191	5,747	5,146	3,415	4,043	4,398	9,566	7,895	3,453
Dry Water Years	2,911	2,317	2,556	2,748	3,542	3,162	2,724	3,221	4,708	7,730	4,653	1,650
Critical Water Years	2,097	1,985	2,351	2,280	2,514	2,385	2,166	2,002	3,662	4,110	3,082	1,415

Table 5A-B3.2.16.5-C. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-43	10	-2	-5	1,658	0	-6	0	-3	35	-101	-40
20%	-2	7	231	-369	-34	0	5	-154	-309	105	7	-35
30%	632	-2	-443	0	362	1	0	0	100	12	-259	3
40%	331	-61	-49	0	36	0	4	-10	0	67	-732	546
50%	258	-25	113	0	-6	-2	121	37	64	-482	-139	-219
60%	141	-7	17	13	-276	-27	-65	-6	68	-857	170	-207
70%	287	4	28	13	-22	28	8	-3	20	0	274	35
80%	92	85	0	7	0	3	-4	-63	71	281	-85	0
90%	5	18	3	20	0	106	13	26	29	-41	-35	-14

Table 5A-B3.2.16.5-D. Feather River below Yuba River Confluence Monthly Flow (C_FTR028), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	128	16	-27	31	-5	31	14	-11	19	-52	-90	-76
Wet Water Years	66	41	-56	24	34	20	-17	-1	33	-83	-174	-121
Above Normal Water Years	493	6	-25	30	-150	24	-50	-37	-5	-503	-138	-128
Below Normal Water Years	43	-29	-103	76	7	14	53	-33	47	283	-421	-90
Dry Water Years	152	67	30	2	-1	43	56	-3	36	-89	404	22
Critical Water Years	53	-15	88	9	13	73	23	14	-54	-81	84	-21

B.2.17 Feather River near Nicolaus

Figure 5A-B3.2.17.1-A. Feather River near Nicolaus Monthly Flow (C_FTR008), Probability of Exceedance for Existing Conditions, October to March

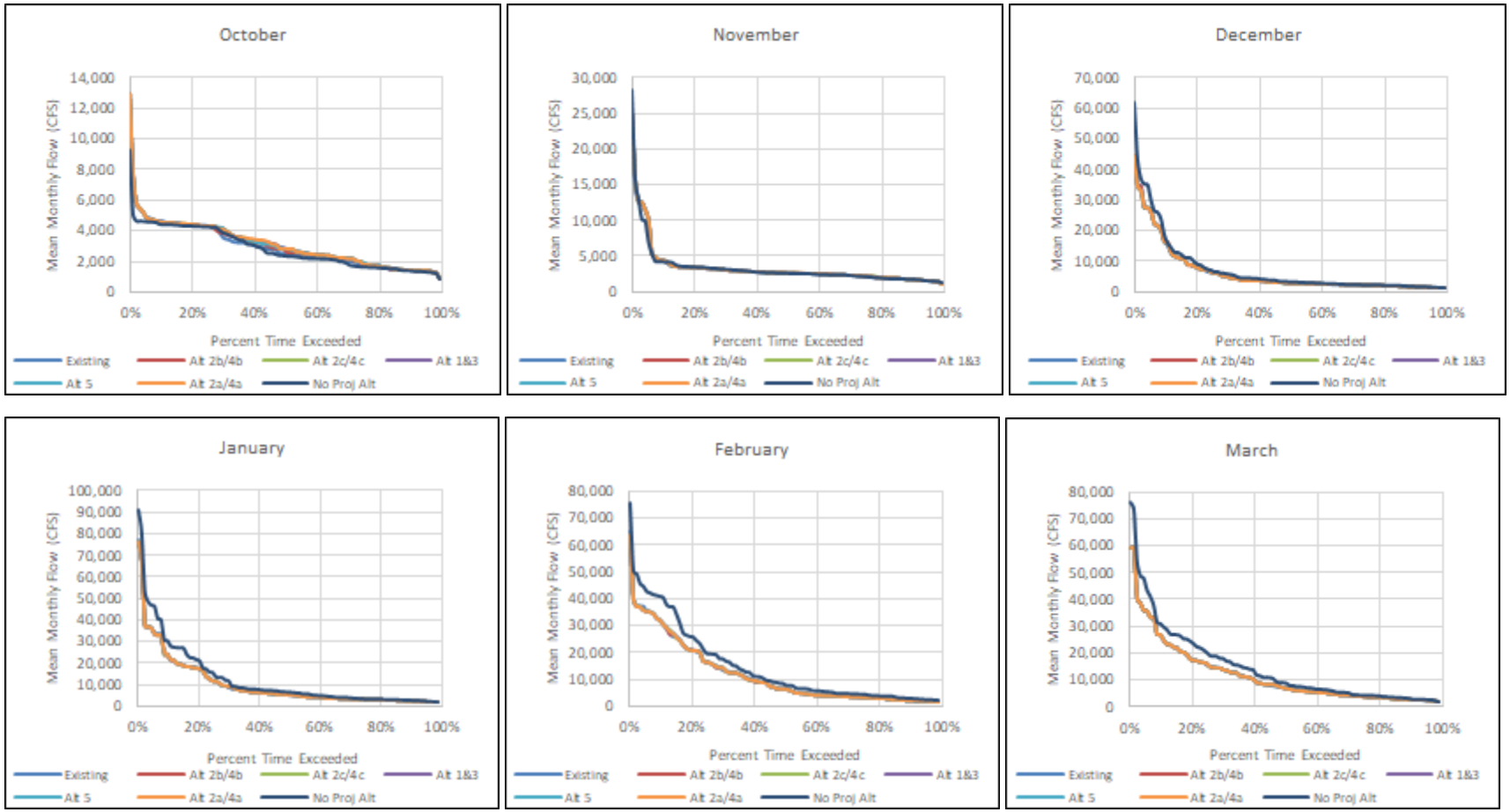


Figure 5A-B3.2.17.1-B. Feather River near Nicolaus Monthly Flow (C_FTR008), Probability of Exceedance for Existing Conditions, April to September

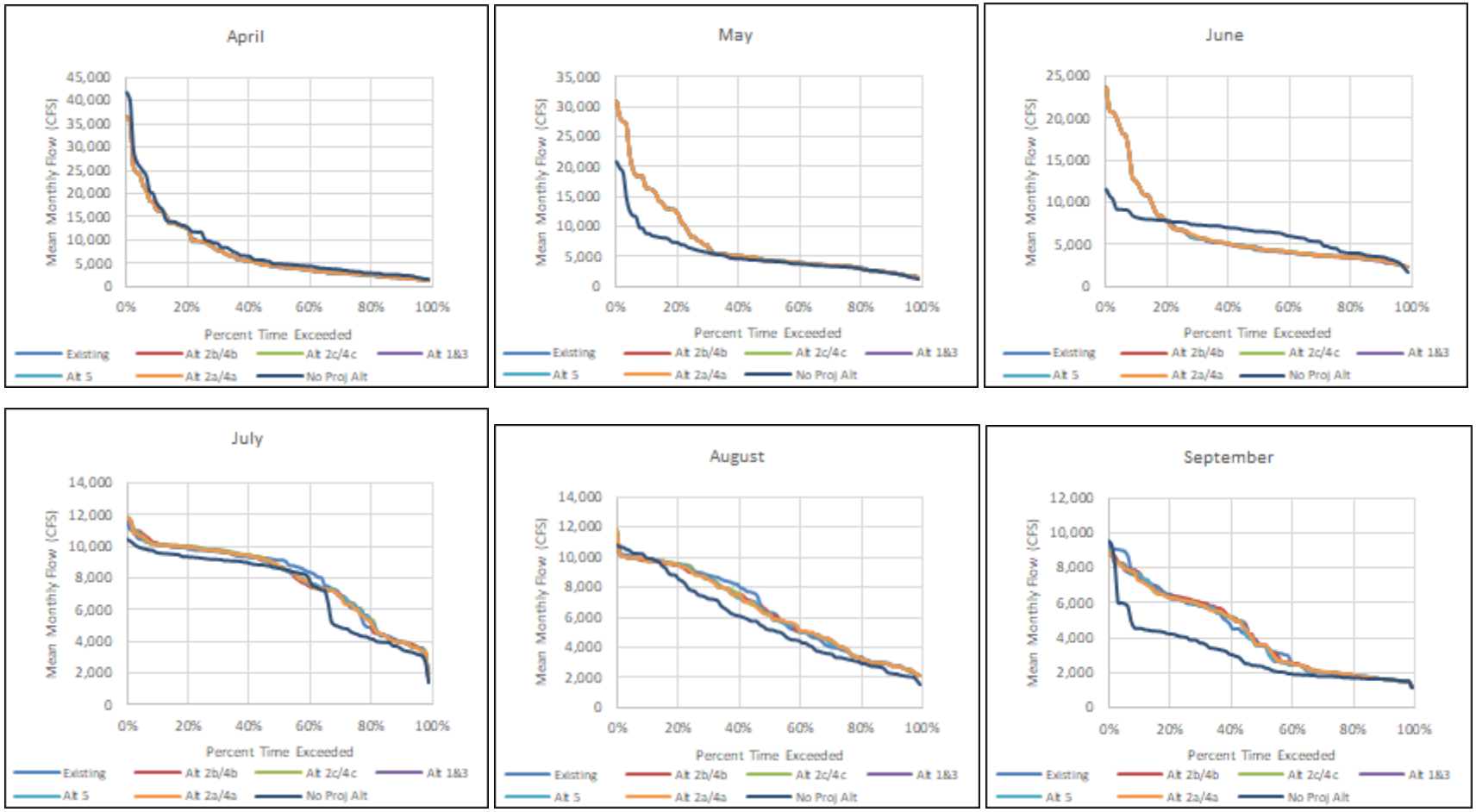


Table 5A-B3.2.17.1-A. Feather River near Nicolaus Monthly Flow (C_FTR008), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,662	4,343	16,221	23,017	31,646	26,083	16,478	16,390	12,460	10,184	9,939	7,637
20%	4,420	3,357	8,268	17,248	21,080	17,306	12,391	12,233	7,855	9,912	9,546	6,548
30%	3,625	3,089	5,190	8,762	13,867	13,594	7,836	6,765	5,721	9,710	8,853	5,870
40%	3,122	2,761	3,898	6,141	9,762	10,034	5,519	4,998	5,129	9,367	8,190	4,820
50%	2,524	2,605	3,051	4,872	6,776	6,737	4,205	4,192	4,301	9,166	6,328	3,698
60%	2,310	2,434	2,791	3,899	4,633	5,273	3,684	3,855	4,015	8,434	5,095	2,728
70%	2,062	2,262	2,588	3,041	4,088	4,096	2,930	3,452	3,690	7,149	4,069	2,081
80%	1,704	1,941	2,299	2,605	3,394	3,242	2,541	2,985	3,410	4,894	3,385	1,895
90%	1,467	1,712	1,912	2,170	2,554	2,468	1,913	2,209	3,149	3,993	2,894	1,706

Table 5A-B3.2.17.1-B. Feather River near Nicolaus Monthly Flow (C_FTR008), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3,054	3,364	6,636	10,023	12,180	11,580	7,368	7,159	6,307	7,974	6,469	4,280
Wet Water Years	3,715	5,085	13,459	20,648	24,166	22,723	14,544	12,661	9,538	8,382	6,794	5,986
Above Normal Water Years	2,834	2,934	4,342	11,119	12,356	12,911	7,099	9,231	7,342	9,841	9,071	6,809
Below Normal Water Years	2,980	2,734	3,967	4,837	7,085	6,695	4,145	4,417	4,325	9,066	8,313	3,940
Dry Water Years	2,887	2,390	2,832	3,043	4,685	4,058	3,018	3,430	4,553	7,682	4,382	1,911
Critical Water Years	2,133	2,147	2,520	2,442	2,916	2,832	2,259	2,164	3,616	4,121	3,032	1,698

Table 5A-B3.2.17.1-C. Feather River near Nicolaus Monthly Flow (C_FTR008), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,602	4,327	16,454	23,031	31,704	26,084	16,478	16,390	12,456	10,229	9,779	7,761
20%	4,393	3,354	8,277	17,222	21,248	17,306	12,391	12,188	7,853	10,012	9,481	6,467
30%	3,876	3,049	5,190	8,803	14,488	13,655	7,816	6,765	5,871	9,766	8,586	6,090
40%	3,303	2,753	3,898	6,141	9,760	9,863	5,520	4,998	5,134	9,409	7,576	5,257
50%	2,762	2,590	3,112	4,975	6,778	6,738	4,208	4,198	4,600	8,690	6,358	3,642
60%	2,464	2,480	2,854	3,899	4,507	5,286	3,527	3,785	4,121	7,527	5,087	2,646
70%	2,236	2,297	2,597	3,041	3,959	4,172	2,906	3,413	3,663	6,989	4,571	2,098
80%	1,719	1,954	2,312	2,610	3,317	3,223	2,553	2,919	3,458	5,499	3,303	1,911
90%	1,469	1,731	1,916	2,183	2,559	2,464	1,944	2,251	3,093	3,968	2,827	1,693

Table 5A-B3.2.17.1-D. Feather River near Nicolaus Monthly Flow (C_FTR008), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3,135	3,380	6,638	10,036	12,139	11,600	7,371	7,143	6,340	7,911	6,395	4,284
Wet Water Years	3,774	5,114	13,472	20,660	24,096	22,736	14,544	12,660	9,565	8,316	6,616	6,010
Above Normal Water Years	3,269	2,950	4,305	11,048	12,192	12,931	7,052	9,184	7,326	9,484	8,940	6,780
Below Normal Water Years	2,918	2,705	3,912	4,907	7,093	6,735	4,190	4,371	4,389	9,299	7,965	3,929
Dry Water Years	3,028	2,472	2,858	3,047	4,684	4,095	2,997	3,422	4,589	7,460	4,805	1,946
Critical Water Years	2,114	2,133	2,598	2,454	2,918	2,822	2,272	2,182	3,648	4,031	3,089	1,677

Table 5A-B3.2.17.1-E. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-60	-16	233	14	58	1	-1	0	-3	45	-160	123
20%	-27	-4	8	-26	168	0	0	-45	-2	100	-65	-82
30%	252	-41	1	42	621	61	-20	0	150	56	-267	220
40%	181	-7	0	0	-2	-172	0	-1	5	42	-613	437
50%	237	-15	62	103	2	1	3	6	299	-476	30	-57
60%	154	46	62	0	-126	13	-157	-70	107	-907	-8	-82
70%	174	36	10	-1	-129	76	-24	-39	-28	-160	502	17
80%	14	13	14	5	-77	-19	13	-67	48	605	-81	16
90%	3	19	4	13	4	-4	31	42	-56	-25	-66	-13

Table 5A-B3.2.17.1-F. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	81	16	3	14	-41	21	3	-16	33	-63	-74	4
Wet Water Years	59	28	13	12	-70	13	0	-1	27	-66	-178	24
Above Normal Water Years	435	16	-38	-72	-164	21	-47	-47	-16	-357	-131	-29
Below Normal Water Years	-62	-29	-55	70	8	39	45	-46	65	233	-348	-11
Dry Water Years	140	82	26	4	0	37	-21	-7	36	-222	423	35
Critical Water Years	-19	-14	79	12	2	-11	13	18	32	-90	58	-21

Table 5A-B3.2.17.2-A. Feather River near Nicolaus Monthly Flow (C_FTR008), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,567	4,327	16,470	23,108	31,661	26,085	16,477	16,390	12,456	10,140	9,855	7,481
20%	4,450	3,375	8,284	17,274	21,033	17,306	12,398	12,224	7,857	9,993	9,577	6,369
30%	4,181	3,047	5,190	8,866	14,689	13,610	7,814	6,765	5,763	9,766	8,557	5,895
40%	3,363	2,759	3,898	6,141	9,810	9,846	5,520	4,998	5,122	9,456	7,621	5,256
50%	2,859	2,585	3,111	4,975	6,778	6,738	4,282	4,224	4,519	8,764	6,225	3,642
60%	2,466	2,496	2,857	3,899	4,507	5,286	3,641	3,870	4,126	7,731	5,151	2,520
70%	2,263	2,291	2,593	3,041	3,960	4,172	2,906	3,416	3,668	6,888	4,488	2,112
80%	1,769	1,986	2,312	2,607	3,395	3,238	2,549	2,937	3,473	5,519	3,302	1,925
90%	1,470	1,712	1,918	2,183	2,559	2,485	1,962	2,257	3,090	3,940	2,826	1,691

Table 5A-B3.2.17.2-B. Feather River near Nicolaus Monthly Flow (C_FTR008), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3,176	3,388	6,622	10,035	12,165	11,596	7,375	7,149	6,334	7,927	6,401	4,210
Wet Water Years	3,777	5,127	13,421	20,647	24,187	22,743	14,537	12,659	9,571	8,328	6,637	5,885
Above Normal Water Years	3,311	2,945	4,317	11,064	12,159	12,918	7,051	9,191	7,326	9,510	9,033	6,531
Below Normal Water Years	3,042	2,705	3,909	4,910	7,101	6,713	4,185	4,394	4,366	9,250	7,887	3,915
Dry Water Years	3,021	2,488	2,864	3,047	4,684	4,100	3,040	3,424	4,565	7,595	4,825	1,952
Critical Water Years	2,161	2,141	2,585	2,457	2,918	2,820	2,277	2,177	3,666	4,012	3,102	1,678

Table 5A-B3.2.17.2-C. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-95	-16	248	91	15	2	-1	0	-3	-43	-84	-156
20%	30	18	16	27	-47	0	7	-9	2	81	31	-180
30%	556	-42	0	104	822	16	-22	0	42	56	-296	25
40%	241	-1	0	0	47	-188	1	-1	-7	89	-569	436
50%	334	-20	60	103	1	1	77	32	218	-402	-104	-56
60%	156	62	65	0	-126	13	-43	15	111	-703	56	-208
70%	201	29	5	-1	-129	76	-24	-37	-22	-261	420	31
80%	65	46	14	1	1	-4	8	-48	62	625	-83	30
90%	3	0	6	13	4	18	49	48	-59	-53	-68	-15

Table 5A-B3.2.17.2-D. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	122	24	-14	13	-15	17	7	-10	27	-47	-69	-70
Wet Water Years	62	42	-38	-1	21	20	-7	-1	32	-53	-157	-101
Above Normal Water Years	478	11	-26	-56	-198	7	-48	-40	-16	-331	-38	-278
Below Normal Water Years	62	-28	-58	73	16	18	40	-23	41	185	-425	-25
Dry Water Years	134	98	31	4	0	41	22	-5	12	-87	442	41
Critical Water Years	28	-5	65	15	2	-13	18	13	50	-109	70	-20

Table 5A-B3.2.17.3-A. Feather River near Nicolaus Monthly Flow (C_FTR008), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,568	4,327	16,447	23,110	31,688	26,085	16,477	16,390	12,456	10,140	9,889	7,530
20%	4,439	3,375	8,284	17,277	21,035	17,306	12,398	12,231	7,771	9,973	9,549	6,361
30%	4,169	3,047	5,190	8,891	14,689	13,612	7,814	6,765	5,725	9,766	8,565	5,894
40%	3,393	2,759	3,873	6,141	10,007	9,846	5,519	4,998	5,070	9,419	7,332	5,226
50%	2,899	2,588	3,110	4,975	6,778	6,737	4,363	4,223	4,573	8,701	6,231	3,645
60%	2,474	2,488	2,859	3,899	4,507	5,286	3,629	3,870	4,124	7,715	5,151	2,522
70%	2,237	2,299	2,598	3,041	3,960	4,172	2,882	3,415	3,723	6,951	4,350	2,098
80%	1,769	1,956	2,312	2,608	3,395	3,286	2,550	2,933	3,473	5,480	3,302	1,931
90%	1,470	1,711	1,916	2,183	2,559	2,579	1,964	2,272	3,090	3,963	2,825	1,691

Table 5A-B3.2.17.3-B. Feather River near Nicolaus Monthly Flow (C_FTR008), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3,181	3,385	6,611	10,052	12,173	11,610	7,382	7,149	6,324	7,926	6,379	4,204
Wet Water Years	3,768	5,130	13,411	20,670	24,191	22,743	14,528	12,659	9,571	8,306	6,618	5,875
Above Normal Water Years	3,305	2,943	4,319	11,143	12,213	12,928	7,051	9,194	7,334	9,486	8,935	6,585
Below Normal Water Years	3,048	2,706	3,867	4,908	7,092	6,711	4,198	4,388	4,369	9,268	7,928	3,876
Dry Water Years	3,026	2,464	2,863	3,047	4,684	4,100	3,073	3,429	4,585	7,599	4,744	1,944
Critical Water Years	2,202	2,145	2,602	2,457	2,931	2,906	2,277	2,179	3,562	4,040	3,108	1,679

Table 5A-B3.2.17.3-C. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-94	-16	226	93	42	2	-1	0	-3	-43	-51	-107
20%	19	17	16	29	-45	0	7	-2	-84	61	3	-188
30%	544	-42	0	129	822	18	-22	0	4	55	-289	24
40%	271	-1	-25	0	245	-188	0	0	-59	52	-858	406
50%	375	-17	59	103	2	0	158	30	272	-465	-97	-53
60%	164	54	67	0	-127	14	-54	15	110	-719	56	-206
70%	175	38	10	-1	-129	76	-47	-38	32	-198	281	17
80%	65	15	14	3	0	44	9	-52	63	586	-83	36
90%	3	0	4	13	4	111	51	63	-59	-30	-69	-15

Table 5A-B3.2.17.3-D. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	127	21	-24	29	-6	30	14	-10	17	-48	-90	-76
Wet Water Years	53	45	-48	22	25	20	-16	-2	32	-76	-176	-111
Above Normal Water Years	471	9	-23	24	-143	17	-47	-37	-8	-355	-136	-223
Below Normal Water Years	68	-28	-100	71	7	16	53	-29	45	203	-384	-64
Dry Water Years	139	74	31	4	0	41	55	0	33	-83	362	34
Critical Water Years	69	-2	82	15	15	74	19	15	-53	-81	76	-20

Table 5A-B3.2.17.4-A. Feather River near Nicolaus Monthly Flow (C_FTR008), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,600	4,327	16,440	23,106	31,698	26,085	16,478	16,390	12,456	10,138	9,789	7,261
20%	4,444	3,374	8,284	17,330	21,058	17,306	12,398	12,194	7,766	9,989	9,514	6,297
30%	4,120	3,047	5,190	9,130	14,689	13,623	7,814	6,765	5,924	9,764	8,556	5,888
40%	3,486	2,776	3,873	6,141	9,974	9,857	5,519	4,998	5,125	9,458	7,461	5,221
50%	2,867	2,602	3,110	4,975	6,778	6,737	4,405	4,223	4,438	8,829	6,207	3,646
60%	2,475	2,513	2,860	3,899	4,506	5,286	3,643	3,870	4,100	7,756	5,218	2,608
70%	2,236	2,299	2,607	3,041	3,960	4,172	2,921	3,415	3,676	6,956	4,558	2,116
80%	1,717	1,954	2,312	2,610	3,395	3,288	2,570	2,936	3,449	5,315	3,305	1,924
90%	1,471	1,712	1,916	2,183	2,641	2,574	1,964	2,280	3,091	3,949	2,826	1,691

Table 5A-B3.2.17.4-B. Feather River near Nicolaus Monthly Flow (C_FTR008), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3,186	3,394	6,618	10,064	12,188	11,611	7,398	7,147	6,324	7,901	6,373	4,178
Wet Water Years	3,754	5,133	13,424	20,675	24,194	22,743	14,533	12,659	9,572	8,310	6,617	5,805
Above Normal Water Years	3,295	2,950	4,320	11,167	12,236	12,931	7,078	9,186	7,332	9,490	8,937	6,547
Below Normal Water Years	3,051	2,708	3,867	4,938	7,131	6,717	4,216	4,384	4,365	9,212	7,961	3,889
Dry Water Years	3,078	2,471	2,864	3,051	4,684	4,099	3,115	3,429	4,632	7,555	4,665	1,938
Critical Water Years	2,211	2,181	2,615	2,451	2,945	2,902	2,276	2,178	3,517	4,000	3,111	1,679

Table 5A-B3.2.17.4-C. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-62	-16	219	89	52	2	-1	0	-3	-45	-151	-377
20%	24	17	16	82	-22	0	7	-39	-89	77	-32	-252
30%	495	-42	0	369	822	29	-22	0	204	54	-298	18
40%	364	16	-25	0	212	-177	0	0	-4	92	-729	401
50%	343	-3	59	103	2	0	200	30	137	-337	-121	-53
60%	165	79	68	0	-127	14	-41	15	85	-678	123	-120
70%	174	37	19	-1	-129	76	-9	-38	-14	-193	489	35
80%	13	13	13	5	0	46	29	-49	39	421	-79	29
90%	4	0	4	13	87	106	51	71	-58	-44	-68	-15

Table 5A-B3.2.17.4-D. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	132	30	-18	41	9	32	29	-12	17	-73	-96	-101
Wet Water Years	39	47	-35	27	28	21	-11	-1	33	-72	-177	-181
Above Normal Water Years	461	16	-23	48	-120	20	-21	-45	-10	-351	-133	-261
Below Normal Water Years	72	-25	-100	101	46	22	71	-33	40	147	-351	-51
Dry Water Years	190	81	32	8	0	41	98	0	79	-127	283	27
Critical Water Years	78	34	96	10	29	70	17	14	-99	-121	79	-19

Table 5A-B3.2.17.5-A. Feather River near Nicolaus Monthly Flow (C_FTR008), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4,568	4,327	16,330	23,100	31,688	26,085	16,477	16,390	12,456	10,140	9,813	7,684
20%	4,439	3,375	8,285	17,277	21,034	17,306	12,398	12,231	7,770	9,979	9,549	6,360
30%	4,183	3,049	5,190	8,889	14,689	13,611	7,814	6,765	5,725	9,766	8,564	5,894
40%	3,337	2,759	3,868	6,141	10,007	9,846	5,519	4,994	5,070	9,413	7,332	5,226
50%	2,873	2,588	3,110	4,975	6,778	6,737	4,360	4,223	4,573	8,701	6,228	3,645
60%	2,473	2,485	2,859	3,899	4,507	5,286	3,629	3,870	4,124	7,716	5,151	2,521
70%	2,237	2,299	2,598	3,041	3,960	4,172	2,882	3,415	3,718	6,952	4,350	2,116
80%	1,769	1,956	2,312	2,607	3,395	3,286	2,550	2,933	3,473	5,480	3,306	1,935
90%	1,470	1,711	1,916	2,183	2,559	2,579	1,964	2,273	3,092	3,963	2,825	1,691

Table 5A-B3.2.17.5-B. Feather River near Nicolaus Monthly Flow (C_FTR008), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	3,172	3,385	6,609	10,053	12,176	11,610	7,382	7,149	6,324	7,929	6,378	4,204
Wet Water Years	3,775	5,130	13,406	20,670	24,198	22,744	14,529	12,659	9,571	8,308	6,618	5,874
Above Normal Water Years	3,305	2,943	4,319	11,146	12,213	12,929	7,051	9,194	7,334	9,360	8,924	6,677
Below Normal Water Years	3,026	2,706	3,866	4,908	7,092	6,711	4,198	4,388	4,369	9,343	7,915	3,824
Dry Water Years	3,010	2,464	2,863	3,046	4,684	4,100	3,073	3,429	4,585	7,602	4,766	1,947
Critical Water Years	2,180	2,145	2,599	2,457	2,931	2,906	2,278	2,179	3,563	4,040	3,109	1,679

Table 5A-B3.2.17.5-C. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-94	-16	109	83	42	2	-1	0	-3	-43	-126	46
20%	19	17	17	29	-45	0	7	-2	-85	67	3	-188
30%	558	-41	0	128	822	17	-22	0	4	55	-289	24
40%	215	-1	-30	0	245	-188	0	-4	-59	46	-857	406
50%	349	-17	59	103	2	0	155	30	272	-465	-100	-53
60%	163	50	67	0	-127	14	-55	15	110	-718	56	-207
70%	175	38	10	-1	-129	76	-47	-38	28	-197	281	35
80%	65	15	14	1	0	44	10	-52	63	586	-79	40
90%	4	0	4	13	4	112	51	64	-57	-30	-69	-15

Table 5A-B3.2.17.5-D. Feather River near Nicolaus Monthly Flow (C_FTR008), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	118	21	-27	30	-4	31	13	-10	17	-46	-91	-76
Wet Water Years	61	45	-54	22	33	21	-16	-2	32	-74	-176	-112
Above Normal Water Years	471	9	-23	26	-143	18	-47	-37	-8	-481	-146	-131
Below Normal Water Years	46	-27	-101	71	7	16	52	-29	45	278	-397	-115
Dry Water Years	122	74	31	3	0	41	55	0	32	-80	384	36
Critical Water Years	47	-2	79	15	15	74	19	15	-52	-81	77	-20

B.2.18 American River below Nimbus Dam

Figure 5A-B3.2.18.1-A. American River below Nimbus Dam Monthly Flow (C_NTOMA), Probability of Exceedance for Existing Conditions, October to March

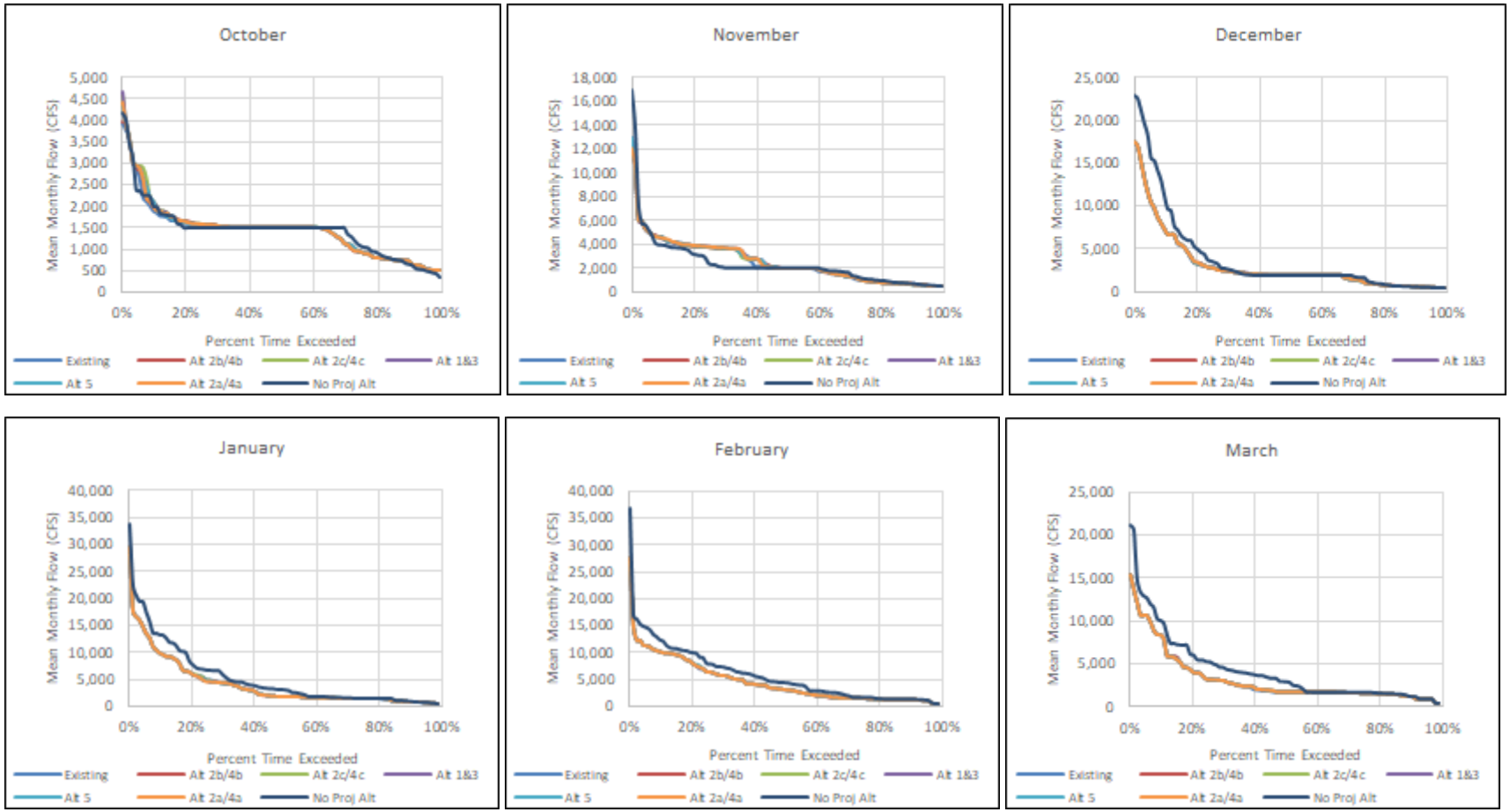


Figure 5A-B3.2.18.1-B. American River below Nimbus Dam Monthly Flow (C_NTOMA), Probability of Exceedance for Existing Conditions, April to September

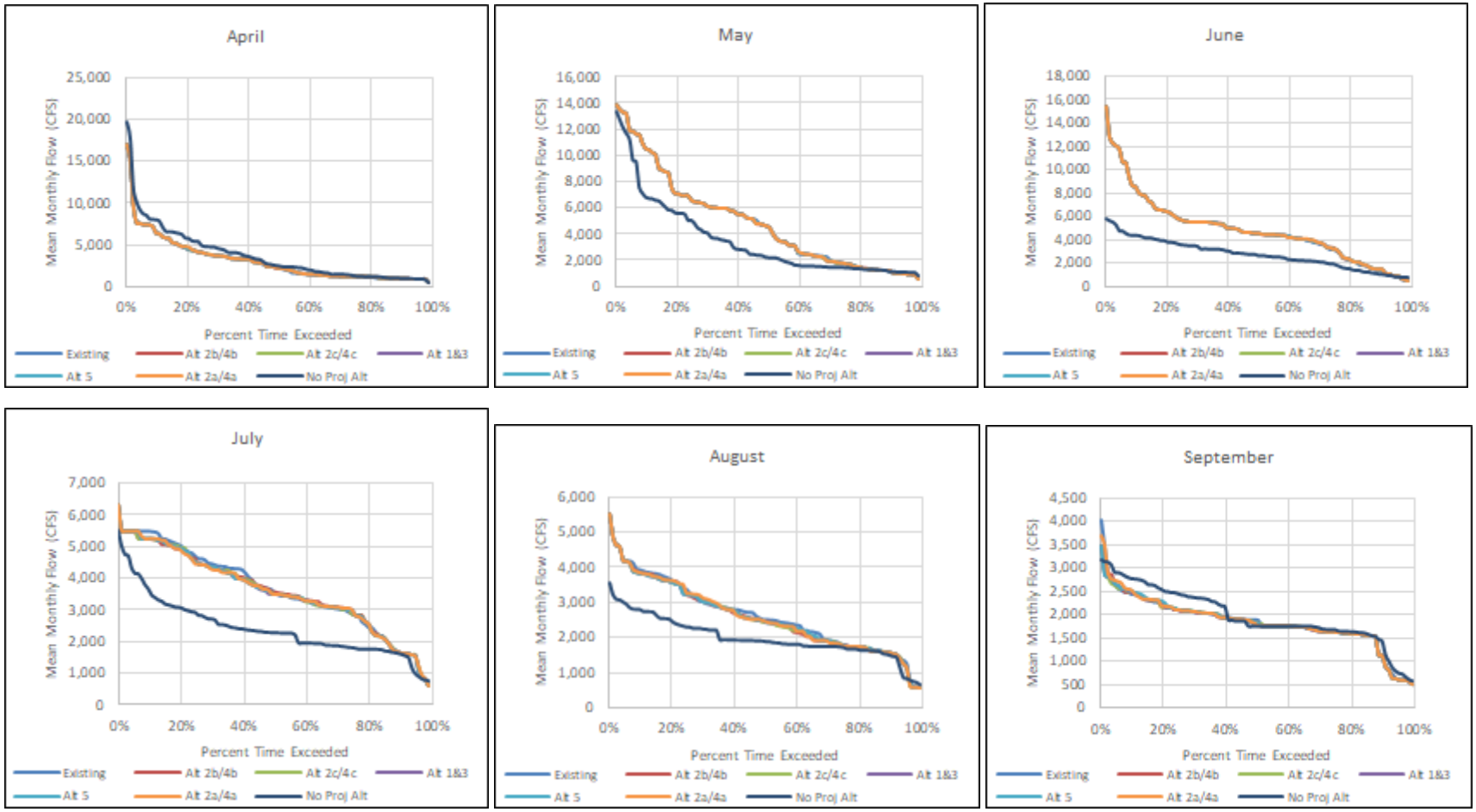


Table 5A-B3.2.18.1-A. American River below Nimbus Dam Monthly Flow (C_NTOMA), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,872	4,477	7,164	9,774	10,245	8,243	6,366	10,501	8,356	5,497	3,934	2,435
20%	1,589	3,857	3,415	6,025	8,267	4,160	4,548	7,109	6,399	5,039	3,648	2,217
30%	1,511	3,662	2,537	4,343	5,901	3,125	3,705	6,166	5,500	4,466	3,039	2,058
40%	1,500	2,116	2,057	2,830	4,325	2,073	3,262	5,571	5,018	4,261	2,810	1,928
50%	1,500	2,000	2,000	1,750	3,217	1,767	2,241	4,603	4,507	3,573	2,521	1,877
60%	1,500	1,792	2,000	1,535	2,254	1,750	1,500	2,694	4,286	3,306	2,362	1,750
70%	1,122	1,272	1,521	1,400	1,750	1,714	1,292	2,235	3,699	3,045	1,926	1,639
80%	790	862	845	1,400	1,467	1,593	1,205	1,542	2,300	2,510	1,746	1,589
90%	721	722	677	764	1,400	1,280	995	1,273	1,419	1,661	1,579	1,123

Table 5A-B3.2.18.1-B. American River below Nimbus Dam Monthly Flow (C_NTOMA), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,425	2,552	3,119	4,076	4,783	3,229	3,150	4,929	4,874	3,658	2,641	1,844
Wet Water Years	1,586	3,385	5,772	8,413	8,850	5,754	5,679	8,328	7,098	4,164	3,389	2,266
Above Normal Water Years	1,517	2,313	2,085	4,511	5,194	3,630	2,934	6,087	5,869	4,051	3,006	2,260
Below Normal Water Years	1,358	2,706	2,463	1,849	3,109	1,962	2,030	3,768	4,291	4,441	2,500	1,766
Dry Water Years	1,265	2,035	1,575	1,343	1,925	1,693	1,653	2,193	3,310	3,065	2,206	1,495
Critical Water Years	1,286	1,322	1,114	1,036	1,610	1,222	1,388	1,606	1,961	1,686	1,447	1,106

Table 5A-B3.2.18.1-C. American River below Nimbus Dam Monthly Flow (C_NTOMA), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,958	4,561	7,164	9,774	10,245	8,243	6,378	10,501	8,356	5,255	3,857	2,474
20%	1,652	3,853	3,468	6,025	8,267	4,160	4,573	7,109	6,399	4,943	3,615	2,160
30%	1,538	3,661	2,537	4,333	5,901	3,125	3,705	6,166	5,500	4,346	3,056	2,058
40%	1,500	2,815	2,086	2,853	4,326	2,334	3,276	5,572	5,014	4,039	2,710	1,927
50%	1,500	2,000	2,000	1,750	3,290	1,776	2,254	4,603	4,511	3,577	2,463	1,801
60%	1,500	1,946	2,000	1,523	2,212	1,750	1,515	2,706	4,290	3,320	2,162	1,750
70%	1,122	1,329	1,496	1,400	1,750	1,714	1,286	1,967	3,744	3,094	1,916	1,656
80%	790	812	850	1,400	1,467	1,593	1,205	1,516	2,375	2,598	1,750	1,589
90%	721	702	703	809	1,400	1,280	987	1,273	1,504	1,662	1,579	1,123

Table 5A-B3.2.18.1-D. American River below Nimbus Dam Monthly Flow (C_NTOMA), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,447	2,589	3,131	4,067	4,782	3,243	3,166	4,922	4,895	3,620	2,583	1,835
Wet Water Years	1,584	3,398	5,804	8,422	8,851	5,755	5,679	8,329	7,103	4,133	3,351	2,264
Above Normal Water Years	1,492	2,483	2,079	4,369	5,197	3,630	2,934	6,087	5,863	4,122	2,832	2,224
Below Normal Water Years	1,374	2,711	2,462	1,850	3,078	1,998	2,047	3,766	4,312	4,291	2,438	1,755
Dry Water Years	1,367	2,097	1,579	1,353	1,956	1,710	1,660	2,218	3,349	3,043	2,173	1,496
Critical Water Years	1,321	1,318	1,132	1,063	1,616	1,241	1,460	1,531	2,014	1,694	1,423	1,095

Table 5A-B3.2.18.1-E. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	86	83	0	0	0	0	12	1	0	-241	-77	39
20%	63	-5	54	0	0	0	26	0	0	-96	-33	-58
30%	27	-1	-1	-10	0	0	0	0	0	-120	17	0
40%	0	699	29	22	1	261	15	1	-4	-222	-100	-1
50%	0	0	0	0	73	9	13	0	4	4	-58	-77
60%	0	154	0	-12	-41	0	15	12	5	14	-200	0
70%	0	58	-25	0	0	0	-5	-268	45	49	-10	18
80%	0	-50	5	0	0	0	0	-26	75	88	4	0
90%	0	-20	26	44	0	0	-8	0	85	1	0	0

Table 5A-B3.2.18.1-F. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	23	37	12	-9	-1	14	16	-7	20	-39	-58	-9
Wet Water Years	-2	13	32	9	0	0	1	1	4	-31	-38	-2
Above Normal Water Years	-25	170	-7	-142	3	0	0	0	-5	71	-174	-36
Below Normal Water Years	17	4	-1	2	-31	35	16	-2	21	-151	-62	-10
Dry Water Years	102	62	3	10	30	17	8	25	39	-22	-33	1
Critical Water Years	35	-5	17	28	6	19	73	-76	54	8	-24	-12

Table 5A-B3.2.18.2-A. American River below Nimbus Dam Monthly Flow (C_NTOMA), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,070	4,552	7,164	9,774	10,245	8,242	6,378	10,501	8,356	5,260	3,836	2,473
20%	1,631	3,854	3,341	6,101	8,267	4,160	4,583	7,109	6,399	4,993	3,583	2,159
30%	1,538	3,650	2,534	4,237	5,901	3,125	3,705	6,166	5,500	4,364	3,041	2,063
40%	1,500	2,722	2,070	2,811	4,326	2,330	3,260	5,570	5,014	3,992	2,790	1,928
50%	1,500	2,000	2,000	1,750	3,290	1,776	2,326	4,603	4,536	3,517	2,447	1,820
60%	1,500	1,946	2,000	1,542	2,242	1,750	1,508	2,708	4,342	3,295	2,203	1,750
70%	1,122	1,303	1,492	1,400	1,750	1,714	1,286	2,001	3,760	3,083	1,921	1,655
80%	790	812	845	1,400	1,467	1,593	1,205	1,515	2,382	2,600	1,750	1,589
90%	721	647	678	810	1,400	1,280	987	1,248	1,489	1,679	1,579	1,123

Table 5A-B3.2.18.2-B. American River below Nimbus Dam Monthly Flow (C_NTOMA), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,466	2,568	3,123	4,083	4,788	3,239	3,165	4,920	4,897	3,612	2,589	1,832
Wet Water Years	1,604	3,407	5,787	8,419	8,851	5,755	5,679	8,329	7,107	4,134	3,372	2,277
Above Normal Water Years	1,476	2,341	2,072	4,503	5,195	3,630	2,934	6,087	5,869	4,077	2,809	2,153
Below Normal Water Years	1,426	2,738	2,462	1,841	3,088	1,981	2,046	3,763	4,317	4,290	2,439	1,752
Dry Water Years	1,375	2,042	1,575	1,354	1,951	1,708	1,652	2,210	3,346	3,029	2,175	1,509
Critical Water Years	1,331	1,302	1,124	1,073	1,644	1,241	1,463	1,533	2,013	1,696	1,429	1,095

Table 5A-B3.2.18.2-C. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	198	75	0	0	0	0	12	1	0	-237	-98	38
20%	42	-3	-73	76	0	0	35	0	0	-46	-65	-58
30%	27	-12	-3	-106	0	0	0	0	0	-102	2	5
40%	0	606	13	-19	1	257	-2	-1	-4	-269	-20	0
50%	0	0	0	0	73	9	85	0	29	-57	-74	-57
60%	0	154	0	7	-11	0	8	14	57	-11	-158	0
70%	0	31	-29	0	0	0	-5	-234	61	38	-5	17
80%	0	-50	0	0	0	0	0	-27	82	90	4	0
90%	0	-75	0	46	0	0	-8	-25	71	18	0	0

Table 5A-B3.2.18.2-D. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	42	16	4	7	5	10	15	-9	23	-46	-53	-12
Wet Water Years	18	22	16	7	0	0	1	1	8	-30	-17	11
Above Normal Water Years	-41	28	-14	-9	1	0	0	0	0	26	-197	-107
Below Normal Water Years	68	32	-1	-8	-21	18	16	-5	25	-151	-61	-14
Dry Water Years	110	6	0	11	26	15	0	17	36	-36	-31	15
Critical Water Years	45	-21	9	37	34	20	75	-73	52	10	-18	-12

Table 5A-B3.2.18.3-A. American River below Nimbus Dam Monthly Flow (C_NTOMA), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,070	4,554	7,164	9,774	10,245	8,242	6,378	10,501	8,356	5,260	3,836	2,467
20%	1,631	3,889	3,363	6,025	8,267	4,160	4,568	7,109	6,399	4,945	3,592	2,194
30%	1,538	3,703	2,495	4,237	5,901	3,125	3,705	6,166	5,500	4,374	3,035	2,058
40%	1,500	2,792	2,084	2,844	4,326	2,329	3,295	5,569	5,014	3,977	2,768	1,927
50%	1,500	2,000	2,000	1,750	3,290	1,776	2,326	4,603	4,548	3,501	2,465	1,811
60%	1,500	1,946	2,000	1,537	2,267	1,750	1,512	2,696	4,347	3,310	2,280	1,750
70%	1,122	1,275	1,487	1,400	1,750	1,714	1,291	1,978	3,760	3,092	1,921	1,639
80%	790	812	845	1,400	1,467	1,593	1,217	1,519	2,379	2,600	1,750	1,589
90%	721	665	678	810	1,400	1,280	996	1,234	1,483	1,679	1,579	1,123

Table 5A-B3.2.18.3-B. American River below Nimbus Dam Monthly Flow (C_NTOMA), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,462	2,601	3,123	4,062	4,787	3,237	3,169	4,924	4,894	3,605	2,589	1,831
Wet Water Years	1,608	3,408	5,783	8,423	8,851	5,755	5,679	8,329	7,107	4,123	3,370	2,277
Above Normal Water Years	1,476	2,543	2,071	4,377	5,199	3,630	2,934	6,087	5,879	4,081	2,825	2,167
Below Normal Water Years	1,403	2,747	2,462	1,843	3,087	1,975	2,049	3,765	4,314	4,276	2,420	1,752
Dry Water Years	1,376	2,064	1,575	1,347	1,944	1,710	1,639	2,220	3,335	3,026	2,192	1,495
Critical Water Years	1,331	1,303	1,129	1,039	1,646	1,233	1,502	1,541	2,005	1,692	1,432	1,095

Table 5A-B3.2.18.3-C. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	198	77	0	0	0	0	12	1	0	-237	-98	32
20%	42	32	-52	0	0	0	21	0	0	-94	-56	-23
30%	27	41	-43	-105	0	0	0	0	0	-92	-4	0
40%	0	676	27	13	1	256	33	-1	-4	-284	-43	-1
50%	0	0	0	0	73	9	85	0	41	-73	-56	-66
60%	0	154	0	2	13	0	12	2	61	4	-82	0
70%	0	4	-34	0	0	0	-1	-257	61	47	-5	0
80%	0	-50	0	0	0	0	11	-23	79	90	4	0
90%	0	-56	0	46	0	0	1	-39	65	18	0	0

Table 5A-B3.2.18.3-D. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	38	48	4	-14	4	8	19	-5	20	-54	-53	-13
Wet Water Years	21	23	11	10	0	0	1	1	9	-41	-19	11
Above Normal Water Years	-41	230	-15	-135	5	0	0	0	10	30	-181	-93
Below Normal Water Years	45	41	-1	-6	-22	13	19	-2	22	-165	-80	-14
Dry Water Years	111	29	0	4	19	17	-14	27	25	-39	-14	0
Critical Water Years	45	-20	15	3	36	11	114	-65	44	6	-15	-12

Table 5A-B3.2.18.4-A. American River below Nimbus Dam Monthly Flow (C_NTOMA), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,961	4,515	7,164	9,774	10,245	8,243	6,378	10,501	8,356	5,260	3,857	2,489
20%	1,631	3,907	3,499	6,025	8,267	4,160	4,752	7,109	6,399	4,896	3,642	2,178
30%	1,538	3,703	2,486	4,313	5,901	3,125	3,705	6,166	5,500	4,295	3,143	2,058
40%	1,500	2,790	2,084	2,891	4,326	2,322	3,275	5,568	5,014	3,970	2,752	1,927
50%	1,500	2,000	2,000	1,750	3,290	1,776	2,241	4,603	4,553	3,507	2,473	1,775
60%	1,500	1,946	2,000	1,532	2,290	1,750	1,511	2,773	4,229	3,304	2,219	1,750
70%	1,122	1,329	1,521	1,400	1,750	1,714	1,292	1,969	3,774	3,091	1,912	1,639
80%	790	812	845	1,400	1,529	1,593	1,214	1,533	2,383	2,599	1,750	1,589
90%	721	689	678	796	1,400	1,280	996	1,273	1,503	1,671	1,579	1,123

Table 5A-B3.2.18.4-B. American River below Nimbus Dam Monthly Flow (C_NTOMA), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,452	2,582	3,125	4,062	4,793	3,237	3,171	4,922	4,896	3,605	2,597	1,841
Wet Water Years	1,599	3,375	5,796	8,412	8,851	5,755	5,679	8,329	7,108	4,125	3,374	2,278
Above Normal Water Years	1,476	2,508	2,066	4,373	5,199	3,630	2,934	6,087	5,877	4,059	2,893	2,252
Below Normal Water Years	1,375	2,725	2,461	1,846	3,087	1,972	2,064	3,762	4,298	4,296	2,479	1,749
Dry Water Years	1,378	2,060	1,575	1,346	1,978	1,708	1,650	2,218	3,356	3,014	2,107	1,495
Critical Water Years	1,321	1,319	1,126	1,062	1,648	1,241	1,475	1,535	2,015	1,691	1,423	1,095

Table 5A-B3.2.18.4-C. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	89	38	0	0	0	0	12	1	0	-237	-77	54
20%	42	50	84	0	0	0	204	0	0	-143	-6	-39
30%	27	41	-51	-29	0	0	0	0	0	-171	104	0
40%	0	674	27	60	1	249	13	-3	-4	-291	-58	-1
50%	0	0	0	0	73	9	0	0	46	-67	-48	-102
60%	0	154	0	-3	36	0	11	79	-57	-2	-143	0
70%	0	58	0	0	0	0	0	-266	74	46	-14	0
80%	0	-50	0	0	62	0	9	-9	82	89	4	0
90%	0	-32	0	31	0	0	1	0	84	10	0	0

Table 5A-B3.2.18.4-D. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	27	30	6	-14	10	8	21	-7	22	-53	-45	-3
Wet Water Years	13	-10	24	0	0	0	1	1	10	-38	-15	11
Above Normal Water Years	-41	195	-19	-138	5	0	0	0	9	7	-113	-8
Below Normal Water Years	18	19	-3	-2	-23	10	34	-5	7	-145	-21	-17
Dry Water Years	113	25	0	3	53	16	-2	25	47	-51	-99	0
Critical Water Years	35	-3	12	26	38	20	87	-71	54	5	-24	-12

Table 5A-B3.2.18.5-A. American River below Nimbus Dam Monthly Flow (C_NTOMA), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,040	4,554	7,163	9,774	10,245	8,242	6,378	10,501	8,356	5,260	3,836	2,500
20%	1,608	3,887	3,363	6,025	8,267	4,160	4,568	7,109	6,399	4,961	3,592	2,267
30%	1,514	3,660	2,495	4,237	5,901	3,125	3,705	6,166	5,500	4,375	3,035	2,063
40%	1,500	2,792	2,084	2,843	4,326	2,331	3,295	5,569	5,014	3,977	2,767	1,927
50%	1,500	2,000	2,000	1,750	3,290	1,776	2,326	4,603	4,548	3,508	2,465	1,811
60%	1,500	1,946	2,000	1,537	2,267	1,750	1,512	2,696	4,347	3,322	2,280	1,750
70%	1,122	1,275	1,487	1,400	1,750	1,714	1,291	1,978	3,760	3,092	1,921	1,655
80%	790	812	845	1,400	1,467	1,593	1,217	1,519	2,379	2,600	1,750	1,589
90%	721	665	678	810	1,400	1,280	996	1,234	1,483	1,679	1,579	1,123

Table 5A-B3.2.18.5-B. American River below Nimbus Dam Monthly Flow (C_NTOMA), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,453	2,591	3,119	4,062	4,794	3,237	3,169	4,924	4,894	3,610	2,592	1,838
Wet Water Years	1,596	3,408	5,779	8,424	8,851	5,755	5,679	8,329	7,107	4,123	3,370	2,277
Above Normal Water Years	1,476	2,544	2,071	4,377	5,199	3,630	2,934	6,087	5,879	4,112	2,826	2,220
Below Normal Water Years	1,400	2,704	2,462	1,843	3,087	1,975	2,049	3,765	4,313	4,278	2,434	1,752
Dry Water Years	1,376	2,064	1,575	1,347	1,986	1,711	1,639	2,220	3,333	3,030	2,193	1,500
Critical Water Years	1,296	1,303	1,117	1,038	1,646	1,233	1,502	1,542	2,003	1,692	1,432	1,095

Table 5A-B3.2.18.5-C. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	168	77	0	0	0	0	12	1	0	-237	-98	66
20%	18	30	-52	0	0	0	21	0	0	-79	-56	49
30%	2	-2	-43	-105	0	0	0	0	0	-91	-4	5
40%	0	676	27	13	1	258	33	-2	-4	-284	-43	-1
50%	0	0	0	0	73	9	85	0	41	-65	-56	-66
60%	0	154	0	2	13	0	12	2	61	16	-82	0
70%	0	4	-34	0	0	0	-1	-257	61	47	-5	17
80%	0	-50	0	0	0	0	11	-23	79	90	4	0
90%	0	-57	0	46	0	0	1	-40	65	18	0	0

Table 5A-B3.2.18.5-D. American River below Nimbus Dam Monthly Flow (C_NTOMA), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	28	38	0	-14	11	8	19	-5	20	-48	-49	-6
Wet Water Years	10	23	7	11	0	0	1	1	9	-41	-19	11
Above Normal Water Years	-41	231	-14	-135	5	0	0	0	10	61	-181	-40
Below Normal Water Years	42	-2	-1	-6	-22	13	19	-2	22	-163	-66	-14
Dry Water Years	111	29	0	4	61	18	-14	27	23	-35	-13	5
Critical Water Years	10	-20	2	3	36	11	114	-65	43	7	-15	-12

B.2.19 American River at Watt Ave

Figure 5A-B3.2.19.1-A. American River at Watt Ave Monthly Flow (C_AMR009), Probability of Exceedance for Existing Conditions, October to March

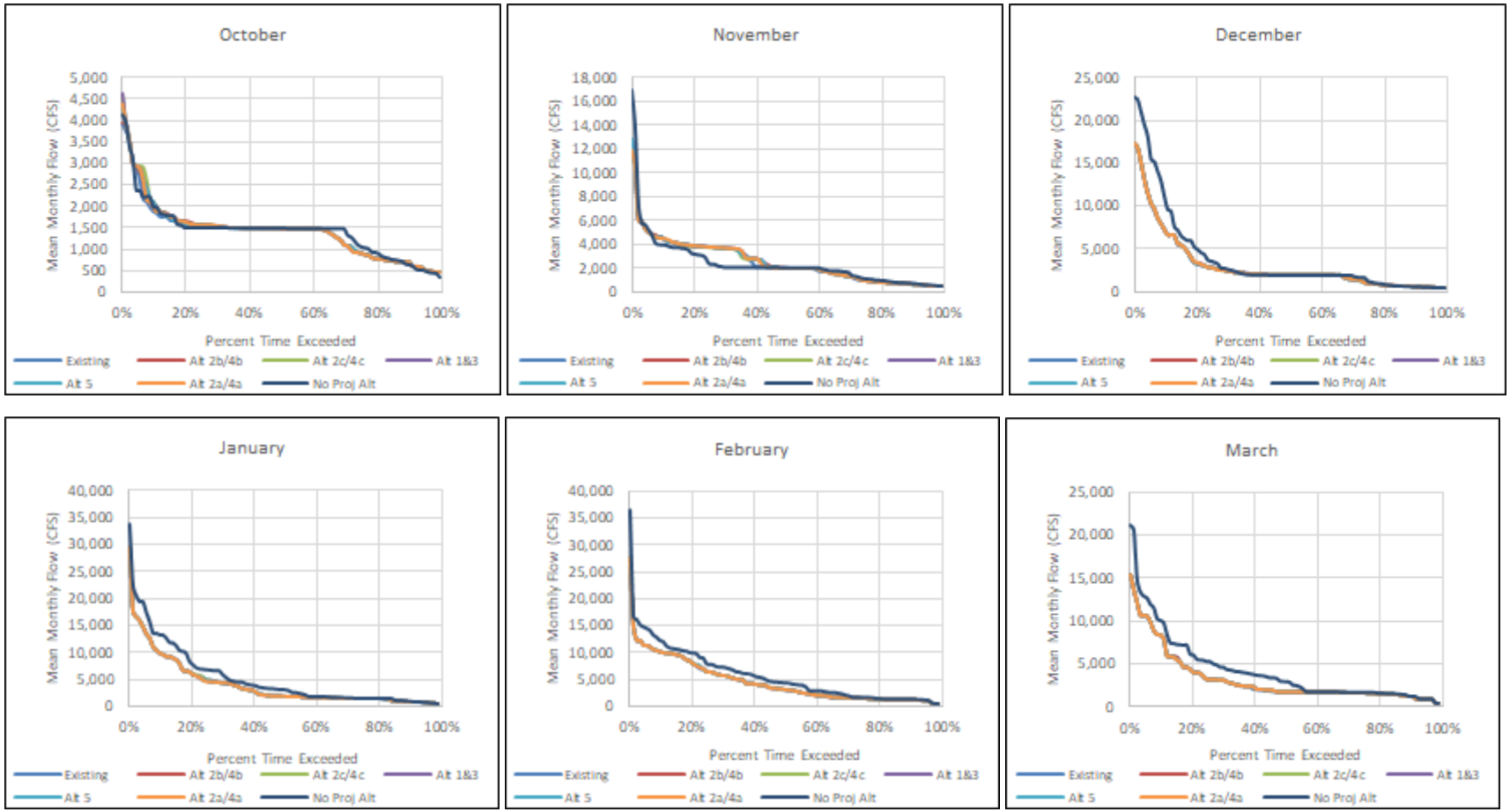


Figure 5A-B3.2.19.1-B. American River at Watt Ave Monthly Flow (C_AMR009), Probability of Exceedance for Existing Conditions, April to September

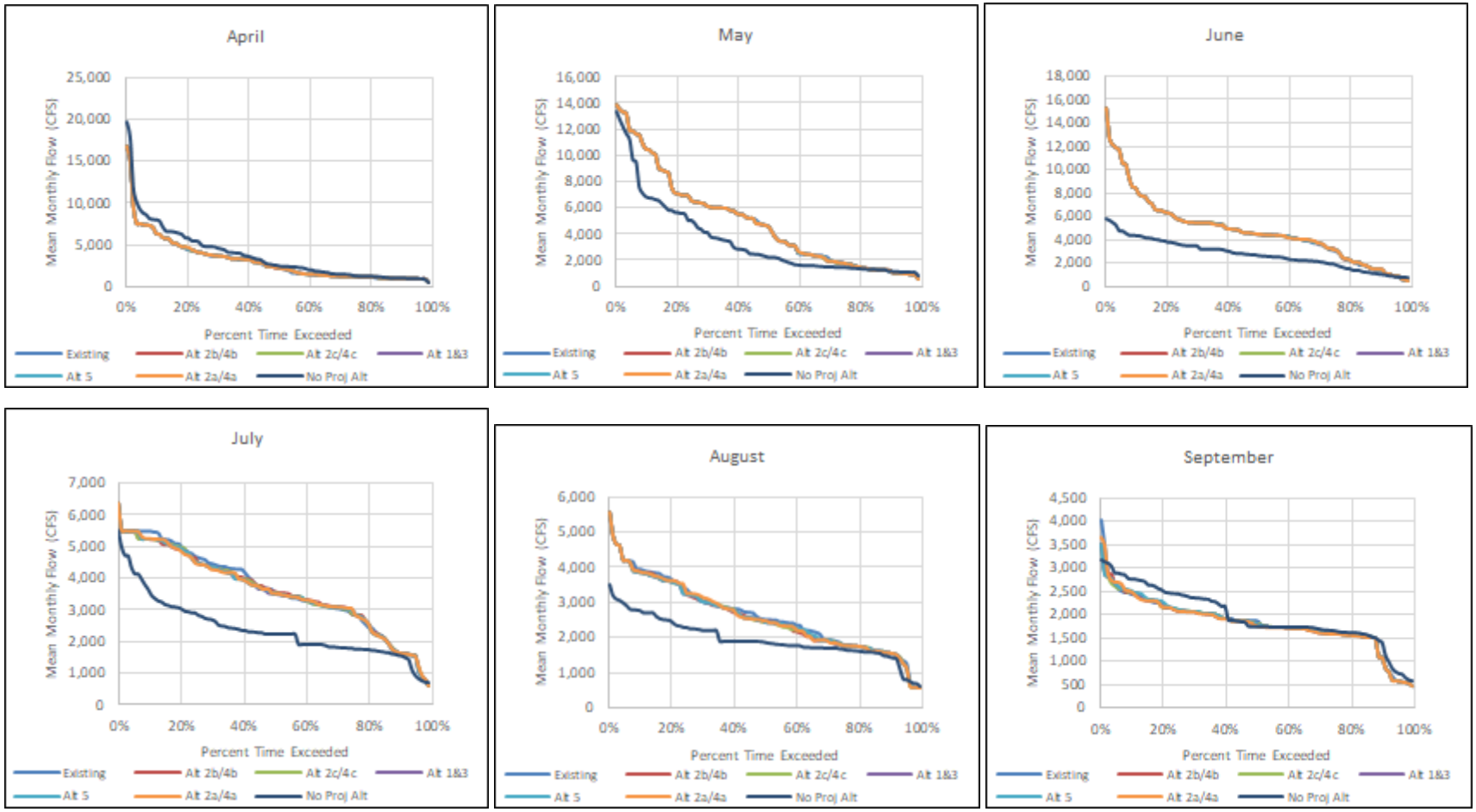


Table 5A-B3.2.19.1-A. American River at Watt Ave Monthly Flow (C_AMR009), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,866	4,453	7,135	9,744	10,212	8,233	6,370	10,465	8,332	5,463	3,927	2,432
20%	1,583	3,846	3,399	6,025	8,251	4,159	4,544	7,087	6,352	5,016	3,632	2,206
30%	1,519	3,654	2,539	4,333	5,876	3,154	3,693	6,140	5,475	4,447	3,008	2,062
40%	1,493	2,099	2,053	2,817	4,308	2,074	3,263	5,553	4,984	4,240	2,797	1,916
50%	1,489	1,992	1,999	1,751	3,209	1,769	2,256	4,591	4,479	3,566	2,496	1,861
60%	1,480	1,779	1,991	1,520	2,235	1,745	1,502	2,674	4,263	3,272	2,338	1,725
70%	1,099	1,259	1,508	1,405	1,741	1,706	1,283	2,215	3,687	3,026	1,904	1,613
80%	779	848	835	1,393	1,460	1,576	1,190	1,524	2,261	2,490	1,721	1,562
90%	706	710	663	754	1,397	1,272	981	1,264	1,395	1,622	1,540	1,093

Table 5A-B3.2.19.1-B. American River at Watt Ave Monthly Flow (C_AMR009), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,413	2,539	3,105	4,060	4,770	3,225	3,144	4,909	4,848	3,634	2,621	1,828
Wet Water Years	1,576	3,371	5,748	8,383	8,834	5,757	5,682	8,311	7,082	4,156	3,381	2,262
Above Normal Water Years	1,504	2,300	2,075	4,491	5,180	3,626	2,932	6,063	5,841	4,030	2,988	2,247
Below Normal Water Years	1,348	2,693	2,453	1,842	3,097	1,955	2,020	3,743	4,257	4,406	2,474	1,744
Dry Water Years	1,255	2,025	1,569	1,337	1,918	1,685	1,644	2,175	3,280	3,034	2,179	1,472
Critical Water Years	1,267	1,307	1,102	1,024	1,596	1,208	1,370	1,582	1,929	1,651	1,413	1,076

Table 5A-B3.2.19.1-C. American River at Watt Ave Monthly Flow (C_AMR009), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,949	4,537	7,135	9,744	10,213	8,233	6,381	10,466	8,332	5,218	3,854	2,456
20%	1,653	3,838	3,445	6,025	8,251	4,159	4,570	7,087	6,352	4,907	3,594	2,153
30%	1,543	3,653	2,539	4,308	5,877	3,154	3,694	6,140	5,475	4,309	3,024	2,062
40%	1,495	2,806	2,081	2,839	4,308	2,342	3,277	5,554	4,982	4,007	2,698	1,916
50%	1,490	1,995	2,000	1,751	3,278	1,781	2,256	4,591	4,480	3,563	2,437	1,786
60%	1,482	1,930	1,991	1,513	2,197	1,747	1,522	2,686	4,266	3,314	2,154	1,724
70%	1,099	1,320	1,485	1,406	1,739	1,706	1,276	1,950	3,710	3,067	1,902	1,640
80%	779	796	838	1,395	1,460	1,575	1,190	1,503	2,337	2,593	1,736	1,562
90%	706	681	689	797	1,397	1,272	978	1,255	1,474	1,623	1,541	1,093

Table 5A-B3.2.19.1-D. American River at Watt Ave Monthly Flow (C_AMR009), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,435	2,576	3,117	4,051	4,769	3,239	3,161	4,901	4,868	3,596	2,563	1,819
Wet Water Years	1,574	3,384	5,781	8,392	8,834	5,757	5,683	8,312	7,087	4,125	3,343	2,260
Above Normal Water Years	1,480	2,470	2,069	4,350	5,183	3,626	2,932	6,063	5,836	4,100	2,815	2,210
Below Normal Water Years	1,364	2,698	2,452	1,843	3,066	1,990	2,036	3,742	4,277	4,256	2,413	1,734
Dry Water Years	1,357	2,087	1,572	1,347	1,949	1,702	1,651	2,200	3,319	3,013	2,146	1,473
Critical Water Years	1,302	1,303	1,120	1,051	1,602	1,227	1,443	1,507	1,982	1,660	1,389	1,064

Table 5A-B3.2.19.1-E. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	83	83	0	0	1	0	12	1	0	-245	-73	24
20%	69	-8	46	0	0	0	26	0	0	-109	-39	-52
30%	24	-1	0	-25	0	0	1	0	0	-137	16	0
40%	2	707	28	22	1	267	14	1	-3	-233	-98	0
50%	1	3	2	0	69	11	0	0	1	-3	-59	-75
60%	2	150	0	-8	-38	2	20	12	3	41	-185	-1
70%	0	61	-23	0	-3	0	-7	-265	23	41	-2	27
80%	0	-53	4	2	0	0	0	-21	77	103	14	0
90%	0	-29	27	43	0	0	-3	-8	79	1	1	0

Table 5A-B3.2.19.1-F. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	23	37	12	-9	-1	14	16	-7	20	-38	-58	-9
Wet Water Years	-2	13	32	9	1	0	1	1	4	-31	-37	-2
Above Normal Water Years	-25	170	-6	-142	3	0	0	0	-5	70	-173	-36
Below Normal Water Years	17	4	-1	2	-31	35	16	-2	21	-151	-62	-10
Dry Water Years	102	62	4	10	30	17	8	25	39	-22	-33	1
Critical Water Years	35	-5	17	28	6	19	73	-75	53	9	-24	-11

Table 5A-B3.2.19.2-A. American River at Watt Ave Monthly Flow (C_AMR009), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,068	4,532	7,135	9,744	10,213	8,233	6,381	10,466	8,332	5,226	3,832	2,461
20%	1,631	3,840	3,326	6,089	8,251	4,159	4,587	7,087	6,352	4,971	3,561	2,156
30%	1,542	3,648	2,523	4,226	5,876	3,154	3,693	6,140	5,475	4,327	3,017	2,063
40%	1,493	2,717	2,063	2,798	4,308	2,338	3,272	5,553	4,982	3,966	2,779	1,916
50%	1,489	1,994	1,999	1,751	3,278	1,781	2,326	4,590	4,496	3,513	2,425	1,808
60%	1,482	1,930	1,991	1,534	2,233	1,747	1,515	2,688	4,318	3,292	2,199	1,726
70%	1,099	1,284	1,480	1,406	1,738	1,706	1,276	1,969	3,747	3,066	1,904	1,639
80%	779	796	835	1,395	1,460	1,575	1,190	1,503	2,346	2,594	1,730	1,562
90%	706	629	663	797	1,397	1,272	978	1,228	1,469	1,639	1,541	1,093

Table 5A-B3.2.19.2-B. American River at Watt Ave Monthly Flow (C_AMR009), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,454	2,555	3,109	4,067	4,774	3,234	3,159	4,900	4,870	3,588	2,568	1,815
Wet Water Years	1,594	3,393	5,764	8,390	8,834	5,757	5,683	8,312	7,091	4,126	3,364	2,274
Above Normal Water Years	1,463	2,328	2,062	4,483	5,181	3,626	2,932	6,063	5,841	4,055	2,792	2,140
Below Normal Water Years	1,415	2,725	2,452	1,834	3,076	1,973	2,036	3,738	4,282	4,255	2,414	1,731
Dry Water Years	1,365	2,032	1,569	1,348	1,944	1,700	1,643	2,192	3,316	2,999	2,147	1,487
Critical Water Years	1,312	1,286	1,111	1,061	1,629	1,228	1,446	1,510	1,981	1,661	1,395	1,064

Table 5A-B3.2.19.2-C. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	202	79	0	0	0	0	12	1	0	-236	-95	29
20%	47	-6	-73	65	0	0	44	0	0	-45	-71	-50
30%	24	-6	-17	-107	0	0	1	0	0	-120	9	1
40%	0	619	10	-19	0	263	10	-1	-2	-274	-18	0
50%	0	1	0	0	69	11	70	0	17	-53	-71	-53
60%	2	150	0	14	-3	1	13	15	54	19	-139	1
70%	0	25	-28	0	-3	0	-7	-246	60	40	1	26
80%	0	-53	0	2	0	0	0	-22	85	104	8	0
90%	0	-81	1	43	0	0	-3	-35	74	17	0	0

Table 5A-B3.2.19.2-D. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	42	16	4	7	5	10	15	-9	23	-46	-53	-12
Wet Water Years	18	22	15	7	0	0	1	1	9	-30	-17	11
Above Normal Water Years	-41	28	-13	-8	1	0	0	0	0	25	-196	-107
Below Normal Water Years	68	31	-1	-8	-21	18	16	-5	25	-151	-61	-14
Dry Water Years	110	7	0	11	26	15	0	17	36	-36	-31	15
Critical Water Years	45	-21	9	37	33	20	75	-73	52	10	-18	-11

Table 5A-B3.2.19.3-A. American River at Watt Ave Monthly Flow (C_AMR009), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,068	4,532	7,135	9,744	10,213	8,233	6,381	10,466	8,332	5,228	3,832	2,457
20%	1,631	3,874	3,339	6,025	8,251	4,159	4,541	7,087	6,352	4,912	3,572	2,189
30%	1,542	3,700	2,483	4,226	5,876	3,154	3,693	6,140	5,475	4,342	3,005	2,062
40%	1,495	2,781	2,078	2,830	4,308	2,337	3,282	5,553	4,982	3,946	2,740	1,916
50%	1,490	1,994	1,999	1,751	3,278	1,781	2,326	4,590	4,508	3,489	2,435	1,791
60%	1,482	1,930	1,991	1,530	2,257	1,747	1,519	2,677	4,321	3,292	2,256	1,724
70%	1,099	1,262	1,474	1,405	1,738	1,706	1,278	1,953	3,746	3,066	1,904	1,613
80%	779	796	835	1,390	1,460	1,575	1,202	1,506	2,343	2,595	1,733	1,562
90%	706	644	663	801	1,397	1,272	983	1,214	1,463	1,640	1,541	1,093

Table 5A-B3.2.19.3-B. American River at Watt Ave Monthly Flow (C_AMR009), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,450	2,587	3,108	4,046	4,774	3,232	3,164	4,903	4,868	3,581	2,569	1,815
Wet Water Years	1,597	3,394	5,760	8,394	8,834	5,757	5,683	8,312	7,091	4,115	3,362	2,273
Above Normal Water Years	1,463	2,529	2,061	4,357	5,186	3,626	2,932	6,063	5,851	4,059	2,808	2,154
Below Normal Water Years	1,392	2,735	2,452	1,836	3,075	1,968	2,039	3,741	4,279	4,242	2,395	1,731
Dry Water Years	1,365	2,054	1,569	1,341	1,937	1,703	1,630	2,202	3,305	2,995	2,164	1,472
Critical Water Years	1,312	1,288	1,117	1,027	1,632	1,219	1,484	1,518	1,973	1,657	1,398	1,064

Table 5A-B3.2.19.3-C. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	202	79	0	0	0	0	12	1	0	-235	-95	25
20%	47	28	-60	0	0	0	-3	0	0	-104	-60	-17
30%	24	46	-56	-107	0	0	1	0	0	-104	-3	0
40%	1	682	25	13	0	263	20	-1	-2	-294	-57	0
50%	1	1	0	0	69	11	70	0	29	-76	-62	-70
60%	2	150	0	9	22	1	17	4	58	20	-82	-1
70%	0	3	-34	-1	-3	0	-5	-262	60	40	1	0
80%	0	-53	0	-3	0	0	12	-18	83	105	12	0
90%	0	-67	1	47	0	0	1	-49	68	18	0	0

Table 5A-B3.2.19.3-D. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	38	48	4	-14	4	8	19	-5	20	-53	-52	-13
Wet Water Years	21	22	11	10	0	0	1	1	9	-41	-19	11
Above Normal Water Years	-41	229	-14	-134	5	0	0	0	10	30	-180	-93
Below Normal Water Years	45	41	-1	-6	-22	13	19	-2	22	-165	-80	-14
Dry Water Years	111	29	0	4	19	18	-14	27	25	-39	-15	0
Critical Water Years	45	-20	15	3	36	11	114	-65	44	6	-15	-11

Table 5A-B3.2.19.4-A. American River at Watt Ave Monthly Flow (C_AMR009), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,949	4,493	7,135	9,744	10,213	8,233	6,381	10,466	8,332	5,231	3,854	2,480
20%	1,631	3,888	3,475	6,025	8,251	4,159	4,724	7,087	6,352	4,851	3,613	2,174
30%	1,543	3,700	2,475	4,286	5,876	3,154	3,693	6,140	5,475	4,260	3,129	2,062
40%	1,495	2,779	2,078	2,875	4,308	2,332	3,268	5,553	4,982	3,940	2,742	1,916
50%	1,490	1,993	1,999	1,753	3,278	1,781	2,256	4,591	4,512	3,501	2,460	1,765
60%	1,482	1,930	1,991	1,524	2,280	1,747	1,518	2,753	4,219	3,296	2,217	1,724
70%	1,099	1,320	1,508	1,405	1,744	1,706	1,279	1,951	3,760	3,069	1,897	1,613
80%	779	796	835	1,393	1,520	1,575	1,198	1,520	2,347	2,594	1,732	1,562
90%	706	667	663	785	1,397	1,272	983	1,264	1,480	1,632	1,541	1,093

Table 5A-B3.2.19.4-B. American River at Watt Ave Monthly Flow (C_AMR009), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,440	2,569	3,111	4,046	4,780	3,233	3,165	4,901	4,869	3,581	2,577	1,825
Wet Water Years	1,589	3,361	5,772	8,383	8,834	5,757	5,683	8,312	7,092	4,118	3,366	2,274
Above Normal Water Years	1,463	2,495	2,056	4,354	5,186	3,626	2,932	6,063	5,850	4,037	2,876	2,238
Below Normal Water Years	1,365	2,713	2,450	1,839	3,075	1,965	2,053	3,738	4,264	4,261	2,454	1,727
Dry Water Years	1,367	2,050	1,569	1,340	1,971	1,701	1,641	2,200	3,326	2,984	2,080	1,472
Critical Water Years	1,301	1,304	1,114	1,050	1,634	1,228	1,458	1,512	1,982	1,656	1,390	1,064

Table 5A-B3.2.19.4-C. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	83	40	0	0	0	0	12	1	0	-231	-73	48
20%	47	42	77	0	0	0	180	0	0	-165	-20	-31
30%	24	46	-64	-47	0	0	1	0	0	-187	121	0
40%	2	680	25	59	0	257	5	-1	-2	-301	-55	0
50%	1	0	0	1	69	11	0	0	33	-65	-36	-96
60%	2	150	0	4	45	2	16	79	-44	23	-122	-1
70%	0	61	0	0	2	0	-4	-264	73	44	-7	0
80%	0	-53	0	0	59	0	8	-4	86	104	10	0
90%	0	-43	1	31	0	0	1	0	85	10	0	0

Table 5A-B3.2.19.4-D. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	27	30	6	-14	10	8	21	-7	22	-53	-44	-3
Wet Water Years	13	-10	24	0	0	0	1	1	10	-38	-15	11
Above Normal Water Years	-41	195	-19	-137	5	0	0	0	9	7	-113	-8
Below Normal Water Years	17	19	-3	-2	-22	10	33	-5	7	-145	-21	-17
Dry Water Years	112	25	0	3	53	16	-2	25	47	-51	-99	0
Critical Water Years	35	-3	11	26	38	20	87	-71	54	5	-24	-11

Table 5A-B3.2.19.5-A. American River at Watt Ave Monthly Flow (C_AMR009), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,038	4,532	7,135	9,744	10,213	8,233	6,381	10,466	8,332	5,228	3,832	2,491
20%	1,601	3,868	3,339	6,025	8,251	4,159	4,541	7,087	6,352	4,932	3,572	2,251
30%	1,518	3,653	2,483	4,226	5,876	3,154	3,693	6,140	5,475	4,342	3,005	2,063
40%	1,493	2,780	2,078	2,830	4,308	2,339	3,282	5,553	4,982	3,947	2,739	1,916
50%	1,490	1,994	1,999	1,751	3,278	1,781	2,326	4,590	4,507	3,502	2,435	1,791
60%	1,482	1,930	1,991	1,530	2,257	1,747	1,519	2,677	4,322	3,304	2,256	1,724
70%	1,099	1,262	1,474	1,405	1,738	1,706	1,278	1,953	3,747	3,066	1,904	1,639
80%	779	796	835	1,390	1,460	1,575	1,202	1,506	2,343	2,595	1,733	1,562
90%	706	643	663	801	1,397	1,272	983	1,213	1,463	1,640	1,541	1,093

Table 5A-B3.2.19.5-B. American River at Watt Ave Monthly Flow (C_AMR009), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,441	2,577	3,105	4,046	4,781	3,232	3,164	4,903	4,867	3,586	2,572	1,822
Wet Water Years	1,586	3,393	5,756	8,395	8,834	5,757	5,683	8,312	7,091	4,115	3,362	2,273
Above Normal Water Years	1,463	2,530	2,061	4,357	5,185	3,626	2,932	6,063	5,851	4,091	2,809	2,207
Below Normal Water Years	1,390	2,692	2,452	1,836	3,075	1,968	2,039	3,741	4,279	4,243	2,409	1,731
Dry Water Years	1,365	2,054	1,569	1,341	1,979	1,703	1,630	2,202	3,303	2,999	2,165	1,477
Critical Water Years	1,277	1,287	1,104	1,026	1,631	1,219	1,485	1,518	1,971	1,658	1,398	1,064

Table 5A-B3.2.19.5-C. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	172	79	0	0	0	0	12	1	0	-235	-95	59
20%	17	22	-60	0	0	0	-3	0	0	-84	-60	46
30%	0	-1	-56	-107	0	0	1	-1	0	-104	-3	1
40%	0	682	25	13	0	264	20	-1	-2	-294	-58	0
50%	1	1	0	0	69	11	70	0	29	-63	-62	-70
60%	2	150	0	10	22	1	17	4	58	32	-82	-1
70%	0	3	-34	-1	-3	0	-5	-262	60	40	1	26
80%	0	-53	0	-3	0	0	12	-18	82	105	12	0
90%	0	-67	1	47	0	0	1	-50	68	18	0	0

Table 5A-B3.2.19.5-D. American River at Watt Ave Monthly Flow (C_AMR009), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	28	38	0	-14	11	8	19	-5	20	-48	-49	-6
Wet Water Years	10	22	7	11	0	0	1	1	9	-40	-19	11
Above Normal Water Years	-41	230	-14	-134	5	0	0	0	10	61	-180	-40
Below Normal Water Years	42	-2	-1	-6	-22	13	19	-2	22	-163	-65	-14
Dry Water Years	111	29	0	4	61	18	-14	27	23	-35	-13	5
Critical Water Years	10	-20	2	2	36	11	114	-65	42	7	-15	-11

B.2.20 American River at H Street

Figure 5A-B3.2.20.1-A. American River at H Street Monthly Flow (C_AMR007), Probability of Exceedance for Existing Conditions, October to March

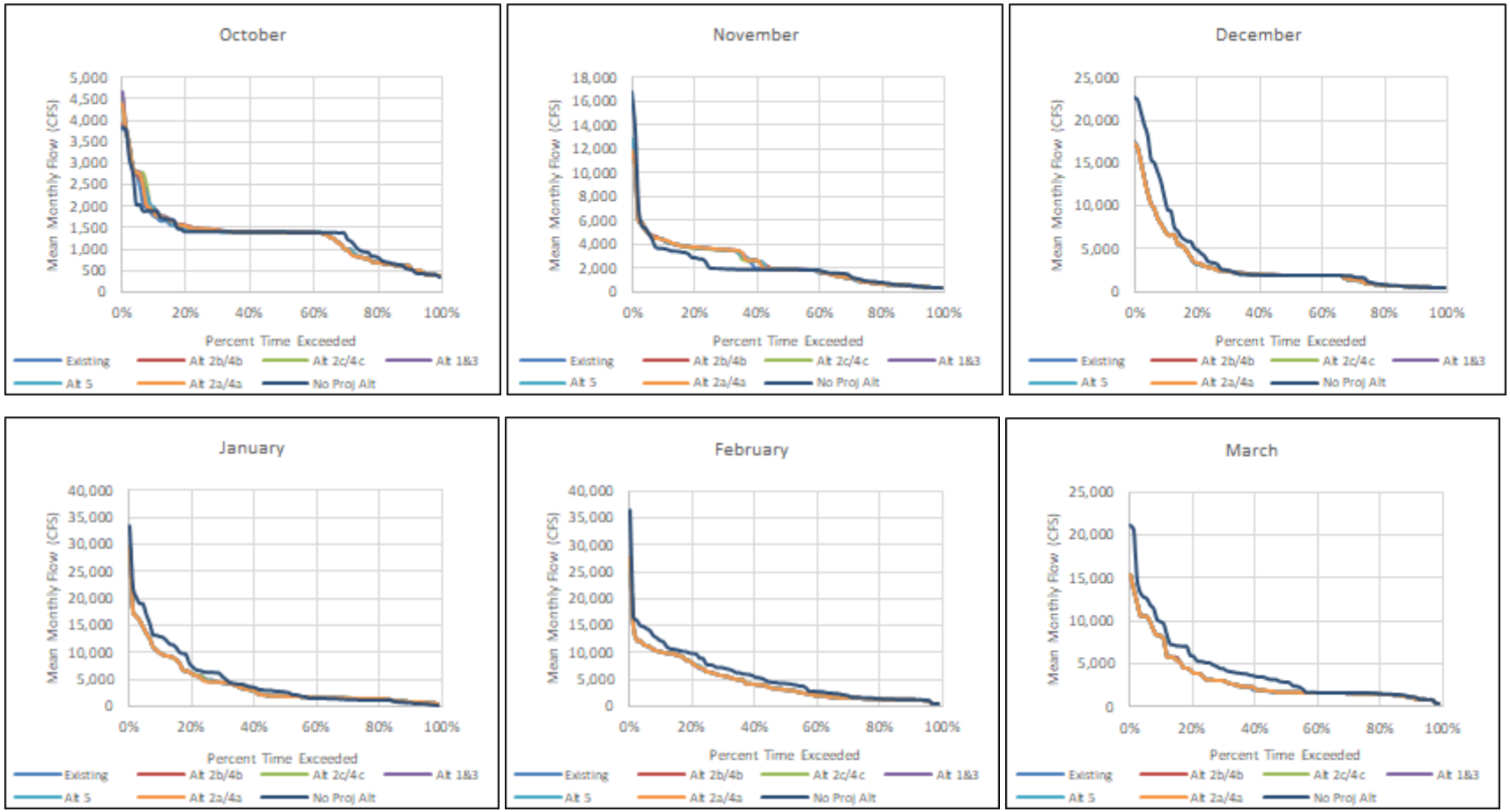


Figure 5A-B3.2.20.1-B. American River at H Street Monthly Flow (C_AMR007), Probability of Exceedance for Existing Conditions, April to September

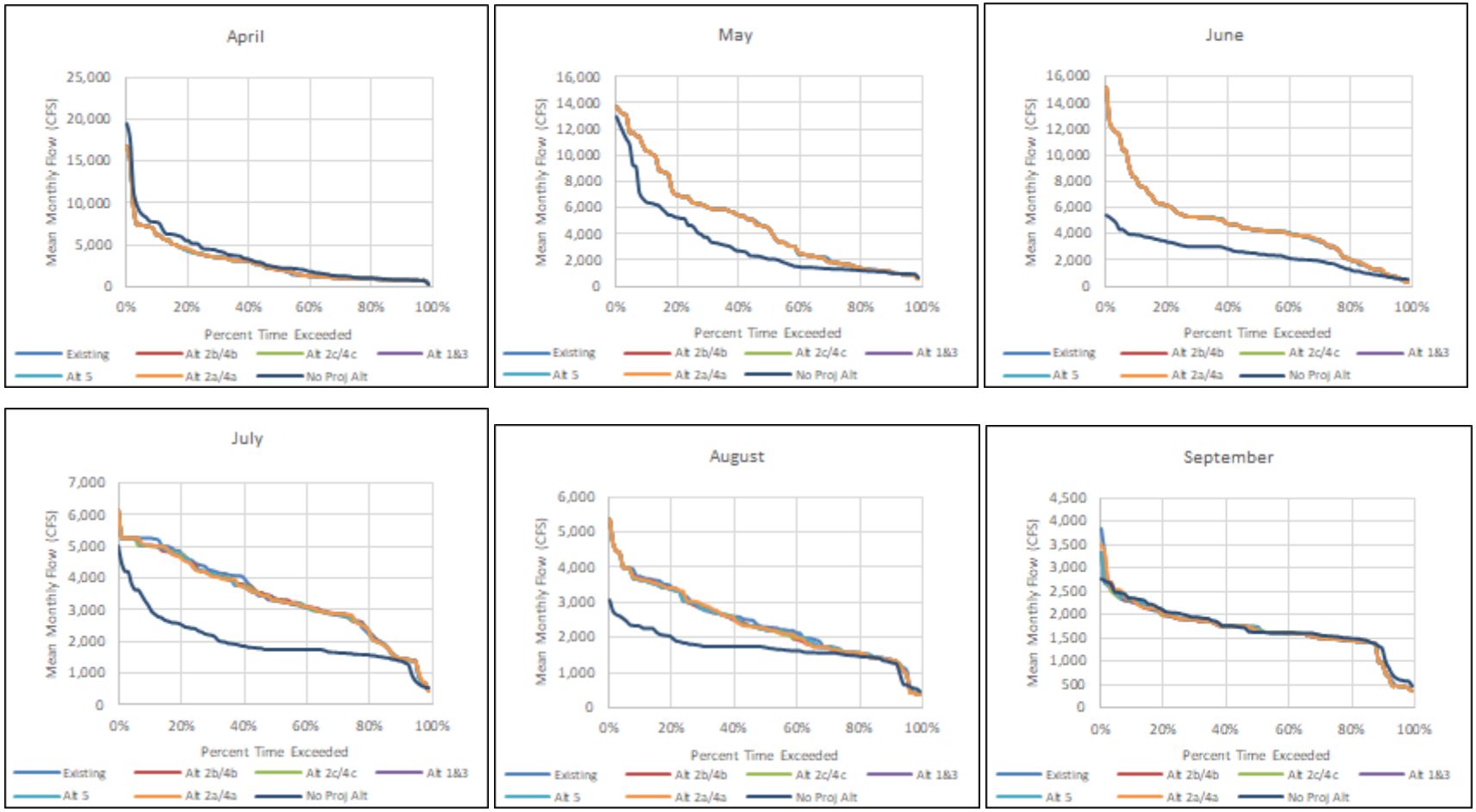


Table 5A-B3.2.20.1-A. American River at H Street Monthly Flow (C_AMR007), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,768	4,404	7,126	9,718	10,233	8,171	6,271	10,325	8,160	5,271	3,743	2,267
20%	1,484	3,768	3,358	5,958	8,232	4,093	4,453	6,947	6,180	4,824	3,448	2,040
30%	1,419	3,560	2,463	4,266	5,812	3,068	3,591	5,999	5,303	4,255	2,824	1,896
40%	1,401	2,000	1,998	2,760	4,239	1,996	3,156	5,423	4,813	4,049	2,612	1,750
50%	1,391	1,906	1,925	1,680	3,132	1,695	2,153	4,449	4,307	3,374	2,312	1,741
60%	1,383	1,683	1,918	1,478	2,166	1,663	1,395	2,554	4,091	3,081	2,154	1,606
70%	1,001	1,187	1,427	1,346	1,665	1,623	1,177	2,098	3,515	2,834	1,749	1,493
80%	683	772	777	1,326	1,410	1,490	1,090	1,405	2,106	2,299	1,567	1,442
90%	606	612	580	697	1,322	1,196	883	1,144	1,241	1,468	1,386	974

Table 5A-B3.2.20.1-B. American River at H Street Monthly Flow (C_AMR007), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,315	2,455	3,052	4,013	4,724	3,153	3,048	4,778	4,681	3,448	2,446	1,689
Wet Water Years	1,481	3,298	5,712	8,365	8,803	5,696	5,594	8,173	6,910	3,964	3,198	2,101
Above Normal Water Years	1,406	2,213	2,022	4,451	5,149	3,551	2,830	5,924	5,670	3,838	2,809	2,085
Below Normal Water Years	1,248	2,607	2,395	1,781	3,039	1,880	1,921	3,613	4,090	4,215	2,298	1,624
Dry Water Years	1,157	1,934	1,497	1,272	1,863	1,606	1,545	2,054	3,117	2,847	2,005	1,352
Critical Water Years	1,164	1,213	1,042	953	1,535	1,130	1,267	1,466	1,775	1,493	1,261	955

Table 5A-B3.2.20.1-C. American River at H Street Monthly Flow (C_AMR007), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,849	4,459	7,126	9,718	10,234	8,171	6,283	10,326	8,160	5,026	3,670	2,291
20%	1,554	3,742	3,391	5,958	8,233	4,093	4,479	6,947	6,180	4,715	3,409	1,988
30%	1,444	3,568	2,462	4,263	5,812	3,068	3,591	5,999	5,303	4,117	2,839	1,896
40%	1,401	2,720	2,000	2,783	4,233	2,263	3,170	5,424	4,810	3,816	2,514	1,750
50%	1,392	1,914	1,926	1,676	3,207	1,700	2,153	4,449	4,308	3,371	2,253	1,666
60%	1,386	1,842	1,919	1,460	2,124	1,665	1,415	2,567	4,095	3,122	1,969	1,605
70%	1,002	1,227	1,411	1,346	1,665	1,624	1,171	1,831	3,538	2,875	1,748	1,520
80%	683	736	777	1,328	1,410	1,490	1,090	1,384	2,183	2,401	1,581	1,442
90%	606	583	609	727	1,322	1,196	880	1,136	1,320	1,468	1,386	974

Table 5A-B3.2.20.1-D. American River at H Street Monthly Flow (C_AMR007), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,337	2,492	3,064	4,004	4,723	3,167	3,064	4,771	4,701	3,410	2,390	1,681
Wet Water Years	1,479	3,311	5,744	8,374	8,804	5,697	5,594	8,174	6,915	3,934	3,161	2,099
Above Normal Water Years	1,381	2,382	2,016	4,309	5,152	3,551	2,830	5,924	5,664	3,908	2,636	2,049
Below Normal Water Years	1,265	2,611	2,394	1,782	3,008	1,915	1,937	3,611	4,110	4,064	2,243	1,614
Dry Water Years	1,257	1,996	1,501	1,282	1,894	1,623	1,553	2,079	3,154	2,826	1,971	1,354
Critical Water Years	1,199	1,208	1,059	980	1,541	1,149	1,340	1,391	1,829	1,501	1,237	947

Table 5A-B3.2.20.1-E. American River at H Street Monthly Flow (C_AMR007), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	81	54	-1	0	1	0	12	1	0	-245	-73	24
20%	70	-26	33	0	0	0	26	0	0	-109	-39	-52
30%	25	7	-1	-3	0	0	0	0	0	-137	16	0
40%	1	720	2	22	-6	267	14	1	-3	-233	-99	0
50%	1	8	1	-3	75	5	0	0	1	-3	-59	-75
60%	2	159	1	-18	-42	2	20	13	3	41	-185	-1
70%	0	40	-16	0	0	0	-7	-268	23	41	-2	27
80%	0	-36	0	2	0	0	0	-21	77	103	14	0
90%	0	-29	29	30	0	0	-3	-8	79	1	1	0

Table 5A-B3.2.20.1-F. American River at H Street Monthly Flow (C_AMR007), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	22	37	12	-9	-1	14	16	-7	20	-38	-56	-9
Wet Water Years	-2	13	32	9	1	0	1	1	4	-31	-37	-2
Above Normal Water Years	-25	170	-6	-142	3	0	0	0	-5	70	-173	-36
Below Normal Water Years	17	4	-1	2	-31	35	16	-2	21	-151	-55	-10
Dry Water Years	100	62	4	10	30	17	8	25	37	-22	-35	1
Critical Water Years	35	-5	17	28	6	19	73	-75	53	9	-24	-8

Table 5A-B3.2.20.2-A. American River at H Street Monthly Flow (C_AMR007), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,944	4,455	7,126	9,718	10,234	8,171	6,283	10,326	8,160	5,034	3,647	2,296
20%	1,532	3,745	3,285	6,037	8,232	4,093	4,497	6,947	6,180	4,779	3,377	1,990
30%	1,444	3,554	2,459	4,233	5,812	3,068	3,591	5,999	5,303	4,135	2,832	1,897
40%	1,400	2,631	2,000	2,741	4,233	2,259	3,170	5,422	4,810	3,775	2,595	1,750
50%	1,392	1,914	1,925	1,677	3,207	1,699	2,219	4,449	4,325	3,321	2,241	1,704
60%	1,386	1,842	1,918	1,504	2,153	1,665	1,409	2,570	4,146	3,100	2,014	1,607
70%	1,001	1,190	1,411	1,375	1,665	1,624	1,171	1,850	3,575	2,874	1,750	1,519
80%	683	736	777	1,328	1,425	1,490	1,090	1,384	2,192	2,402	1,575	1,442
90%	606	544	581	727	1,322	1,196	880	1,109	1,315	1,485	1,386	974

Table 5A-B3.2.20.2-B. American River at H Street Monthly Flow (C_AMR007), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,356	2,471	3,056	4,020	4,729	3,163	3,063	4,770	4,704	3,402	2,394	1,678
Wet Water Years	1,499	3,320	5,727	8,372	8,804	5,696	5,594	8,174	6,919	3,934	3,182	2,113
Above Normal Water Years	1,365	2,240	2,009	4,442	5,150	3,551	2,830	5,925	5,670	3,863	2,613	1,978
Below Normal Water Years	1,314	2,638	2,394	1,773	3,018	1,898	1,937	3,608	4,115	4,063	2,242	1,613
Dry Water Years	1,265	1,941	1,497	1,283	1,889	1,621	1,545	2,070	3,151	2,812	1,972	1,367
Critical Water Years	1,209	1,192	1,051	989	1,568	1,149	1,342	1,394	1,827	1,503	1,243	947

Table 5A-B3.2.20.2-C. American River at H Street Monthly Flow (C_AMR007), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	177	50	0	0	0	0	12	1	0	-236	-95	29
20%	49	-23	-73	79	0	0	44	0	0	-45	-71	-50
30%	25	-7	-4	-33	0	0	0	0	0	-120	8	1
40%	0	631	2	-19	-6	263	14	-1	-2	-274	-18	0
50%	1	8	0	-3	75	5	66	0	17	-53	-71	-37
60%	2	159	0	26	-13	2	13	15	54	19	-139	1
70%	0	3	-17	29	0	0	-7	-248	60	40	1	26
80%	0	-36	0	2	15	0	0	-21	85	104	8	0
90%	0	-68	1	30	0	0	-3	-35	74	17	0	0

Table 5A-B3.2.20.2-D. American River at H Street Monthly Flow (C_AMR007), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	41	16	4	7	5	10	15	-9	22	-46	-52	-11
Wet Water Years	18	22	15	7	0	0	1	1	9	-30	-17	11
Above Normal Water Years	-41	28	-13	-8	1	0	0	0	0	25	-196	-107
Below Normal Water Years	66	31	-1	-8	-21	18	16	-5	25	-151	-56	-12
Dry Water Years	108	7	0	11	26	15	0	17	34	-36	-33	15
Critical Water Years	45	-21	9	37	33	20	75	-73	52	10	-18	-8

Table 5A-B3.2.20.3-A. American River at H Street Monthly Flow (C_AMR007), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,944	4,457	7,126	9,718	10,234	8,171	6,283	10,326	8,160	5,036	3,647	2,291
20%	1,532	3,805	3,291	5,958	8,232	4,093	4,436	6,947	6,180	4,720	3,388	2,023
30%	1,443	3,601	2,420	4,213	5,812	3,068	3,591	5,999	5,303	4,151	2,821	1,896
40%	1,401	2,683	2,000	2,773	4,233	2,259	3,178	5,421	4,810	3,755	2,555	1,750
50%	1,392	1,914	1,925	1,677	3,207	1,699	2,219	4,449	4,336	3,298	2,250	1,671
60%	1,386	1,842	1,918	1,503	2,177	1,665	1,413	2,559	4,150	3,101	2,072	1,604
70%	1,001	1,187	1,406	1,346	1,665	1,624	1,172	1,834	3,575	2,875	1,750	1,493
80%	683	736	777	1,325	1,410	1,490	1,098	1,387	2,189	2,403	1,579	1,442
90%	606	545	581	728	1,322	1,196	899	1,095	1,309	1,486	1,386	974

Table 5A-B3.2.20.3-B. American River at H Street Monthly Flow (C_AMR007), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,351	2,503	3,055	3,999	4,728	3,161	3,067	4,773	4,701	3,395	2,395	1,677
Wet Water Years	1,502	3,321	5,723	8,375	8,804	5,696	5,594	8,174	6,919	3,924	3,179	2,112
Above Normal Water Years	1,365	2,442	2,008	4,317	5,154	3,551	2,830	5,924	5,680	3,868	2,629	1,992
Below Normal Water Years	1,292	2,648	2,394	1,775	3,017	1,893	1,940	3,611	4,112	4,050	2,224	1,610
Dry Water Years	1,265	1,963	1,497	1,276	1,882	1,624	1,532	2,081	3,141	2,808	1,989	1,352
Critical Water Years	1,209	1,193	1,057	956	1,571	1,141	1,381	1,402	1,819	1,499	1,246	947

Table 5A-B3.2.20.3-C. American River at H Street Monthly Flow (C_AMR007), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	177	53	0	0	0	0	12	1	0	-235	-95	25
20%	49	37	-66	0	0	0	-17	0	0	-104	-60	-17
30%	24	41	-43	-54	0	0	0	0	0	-104	-3	0
40%	0	683	2	13	-6	262	22	-1	-2	-294	-57	0
50%	1	8	0	-3	75	5	67	0	29	-76	-62	-70
60%	2	159	0	25	12	2	17	4	58	20	-82	-1
70%	0	0	-21	-1	0	0	-5	-264	60	40	1	0
80%	0	-36	0	-1	0	0	8	-18	83	105	12	0
90%	0	-67	1	31	0	0	16	-49	68	18	0	0

Table 5A-B3.2.20.3-D. American River at H Street Monthly Flow (C_AMR007), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	37	48	4	-14	4	8	19	-5	20	-53	-51	-13
Wet Water Years	21	22	11	10	0	0	1	1	9	-41	-19	11
Above Normal Water Years	-41	229	-14	-134	5	0	0	0	10	30	-180	-93
Below Normal Water Years	43	41	-1	-6	-22	13	19	-2	22	-165	-74	-14
Dry Water Years	108	29	0	4	19	18	-14	27	24	-39	-16	0
Critical Water Years	45	-20	15	3	36	11	114	-65	44	6	-15	-8

Table 5A-B3.2.20.4-A. American River at H Street Monthly Flow (C_AMR007), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,849	4,426	7,126	9,718	10,234	8,171	6,283	10,326	8,160	5,040	3,670	2,314
20%	1,532	3,805	3,421	5,958	8,232	4,093	4,619	6,947	6,180	4,659	3,428	2,009
30%	1,444	3,601	2,412	4,262	5,812	3,068	3,591	5,999	5,303	4,068	2,944	1,896
40%	1,401	2,681	2,000	2,820	4,233	2,254	3,162	5,421	4,810	3,748	2,557	1,750
50%	1,392	1,908	1,925	1,680	3,207	1,699	2,153	4,450	4,341	3,309	2,275	1,645
60%	1,386	1,842	1,918	1,502	2,200	1,665	1,411	2,634	4,048	3,104	2,032	1,605
70%	1,001	1,227	1,427	1,346	1,669	1,624	1,173	1,832	3,588	2,878	1,743	1,493
80%	683	736	777	1,326	1,445	1,490	1,096	1,401	2,193	2,402	1,577	1,442
90%	606	569	581	716	1,322	1,196	899	1,145	1,325	1,478	1,386	974

Table 5A-B3.2.20.4-B. American River at H Street Monthly Flow (C_AMR007), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,341	2,485	3,058	3,999	4,734	3,161	3,068	4,771	4,703	3,395	2,403	1,687
Wet Water Years	1,494	3,288	5,736	8,365	8,804	5,696	5,594	8,174	6,920	3,926	3,183	2,113
Above Normal Water Years	1,365	2,408	2,004	4,313	5,154	3,551	2,830	5,924	5,678	3,845	2,696	2,077
Below Normal Water Years	1,266	2,626	2,392	1,778	3,017	1,890	1,954	3,608	4,097	4,069	2,282	1,607
Dry Water Years	1,267	1,959	1,497	1,275	1,916	1,622	1,543	2,079	3,162	2,797	1,909	1,352
Critical Water Years	1,198	1,209	1,053	979	1,573	1,149	1,354	1,396	1,829	1,498	1,237	947

Table 5A-B3.2.20.4-C. American River at H Street Monthly Flow (C_AMR007), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	81	21	0	0	0	0	12	1	0	-231	-73	48
20%	49	37	64	0	0	0	166	0	0	-165	-20	-31
30%	25	41	-51	-4	0	0	0	0	0	-187	121	0
40%	1	681	2	60	-6	258	5	-2	-2	-301	-55	0
50%	1	2	0	0	75	5	0	0	33	-65	-36	-96
60%	2	159	0	24	35	2	16	80	-44	23	-122	-1
70%	0	40	0	0	4	0	-4	-267	73	44	-7	0
80%	0	-36	0	0	34	0	6	-4	86	104	10	0
90%	0	-43	1	19	0	0	17	0	84	10	0	0

Table 5A-B3.2.20.4-D. American River at H Street Monthly Flow (C_AMR007), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	27	30	6	-14	10	8	21	-7	21	-53	-43	-3
Wet Water Years	13	-10	24	0	0	0	1	1	10	-38	-15	11
Above Normal Water Years	-41	195	-19	-137	5	0	0	0	9	7	-113	-8
Below Normal Water Years	17	19	-3	-2	-22	10	33	-5	7	-145	-17	-17
Dry Water Years	110	25	0	3	53	16	-2	25	45	-51	-97	0
Critical Water Years	35	-3	11	26	38	20	87	-71	54	5	-24	-8

Table 5A-B3.2.20.5-A. American River at H Street Monthly Flow (C_AMR007), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,914	4,457	7,125	9,718	10,234	8,171	6,283	10,326	8,160	5,036	3,647	2,326
20%	1,502	3,773	3,291	5,958	8,232	4,093	4,436	6,947	6,180	4,740	3,388	2,086
30%	1,419	3,564	2,420	4,212	5,812	3,068	3,591	5,999	5,303	4,151	2,821	1,897
40%	1,398	2,683	2,000	2,773	4,233	2,260	3,179	5,421	4,810	3,755	2,555	1,750
50%	1,391	1,914	1,925	1,677	3,207	1,699	2,219	4,449	4,336	3,310	2,250	1,671
60%	1,386	1,842	1,918	1,503	2,177	1,665	1,413	2,559	4,150	3,112	2,072	1,604
70%	1,001	1,187	1,406	1,346	1,665	1,624	1,172	1,834	3,575	2,875	1,750	1,519
80%	683	736	777	1,325	1,410	1,490	1,098	1,387	2,189	2,403	1,579	1,442
90%	606	545	581	728	1,322	1,196	899	1,094	1,309	1,486	1,386	974

Table 5A-B3.2.20.5-B. American River at H Street Monthly Flow (C_AMR007), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,342	2,493	3,052	3,999	4,735	3,161	3,067	4,773	4,701	3,400	2,398	1,684
Wet Water Years	1,491	3,321	5,719	8,376	8,804	5,696	5,594	8,174	6,919	3,924	3,179	2,112
Above Normal Water Years	1,365	2,443	2,008	4,317	5,154	3,551	2,830	5,924	5,680	3,899	2,629	2,045
Below Normal Water Years	1,289	2,605	2,394	1,775	3,017	1,893	1,940	3,611	4,112	4,051	2,237	1,610
Dry Water Years	1,265	1,963	1,497	1,276	1,924	1,625	1,532	2,080	3,139	2,812	1,990	1,357
Critical Water Years	1,174	1,193	1,044	955	1,571	1,141	1,381	1,402	1,818	1,499	1,246	947

Table 5A-B3.2.20.5-C. American River at H Street Monthly Flow (C_AMR007), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	147	52	-1	0	0	0	12	1	0	-235	-95	59
20%	18	5	-66	0	0	0	-17	0	0	-84	-60	46
30%	0	4	-43	-54	0	0	0	-1	0	-104	-3	1
40%	-3	683	2	13	-6	264	23	-2	-2	-294	-58	0
50%	0	8	0	-3	75	5	67	0	29	-63	-62	-70
60%	2	159	0	25	12	2	17	4	58	31	-82	-1
70%	0	0	-21	-1	0	0	-5	-264	60	40	1	26
80%	0	-36	0	-1	0	0	8	-18	82	105	12	0
90%	0	-67	1	31	0	0	16	-50	68	18	0	0

Table 5A-B3.2.20.5-D. American River at H Street Monthly Flow (C_AMR007), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	27	38	0	-14	11	8	19	-5	19	-48	-48	-5
Wet Water Years	10	22	7	11	0	0	1	1	9	-40	-19	11
Above Normal Water Years	-41	230	-14	-134	5	0	0	0	10	61	-180	-40
Below Normal Water Years	40	-2	-1	-6	-22	13	19	-2	22	-163	-61	-14
Dry Water Years	108	29	0	4	61	18	-14	27	22	-35	-15	5
Critical Water Years	10	-20	2	2	36	11	114	-65	42	7	-15	-8

B.2.21 American River at 16th Street

Figure 5A-B3.2.21.1-A. American River at 16th Street Monthly Flow (C_AMR004), Probability of Exceedance for Existing Conditions, October to March

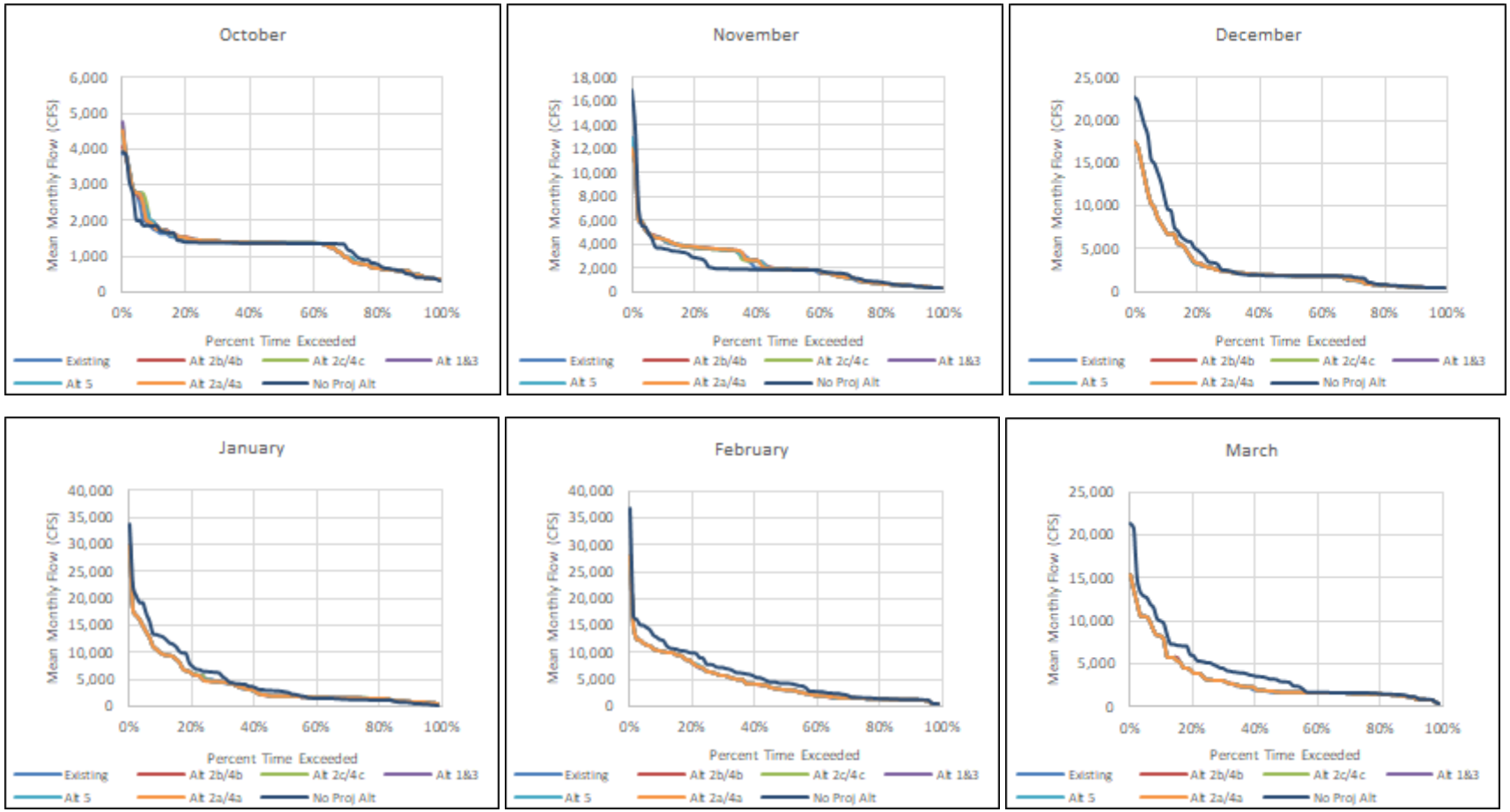


Figure 5A-B3.2.21.1-B. American River at 16th Street Monthly Flow (C_AMR004), Probability of Exceedance for Existing Conditions, April to September

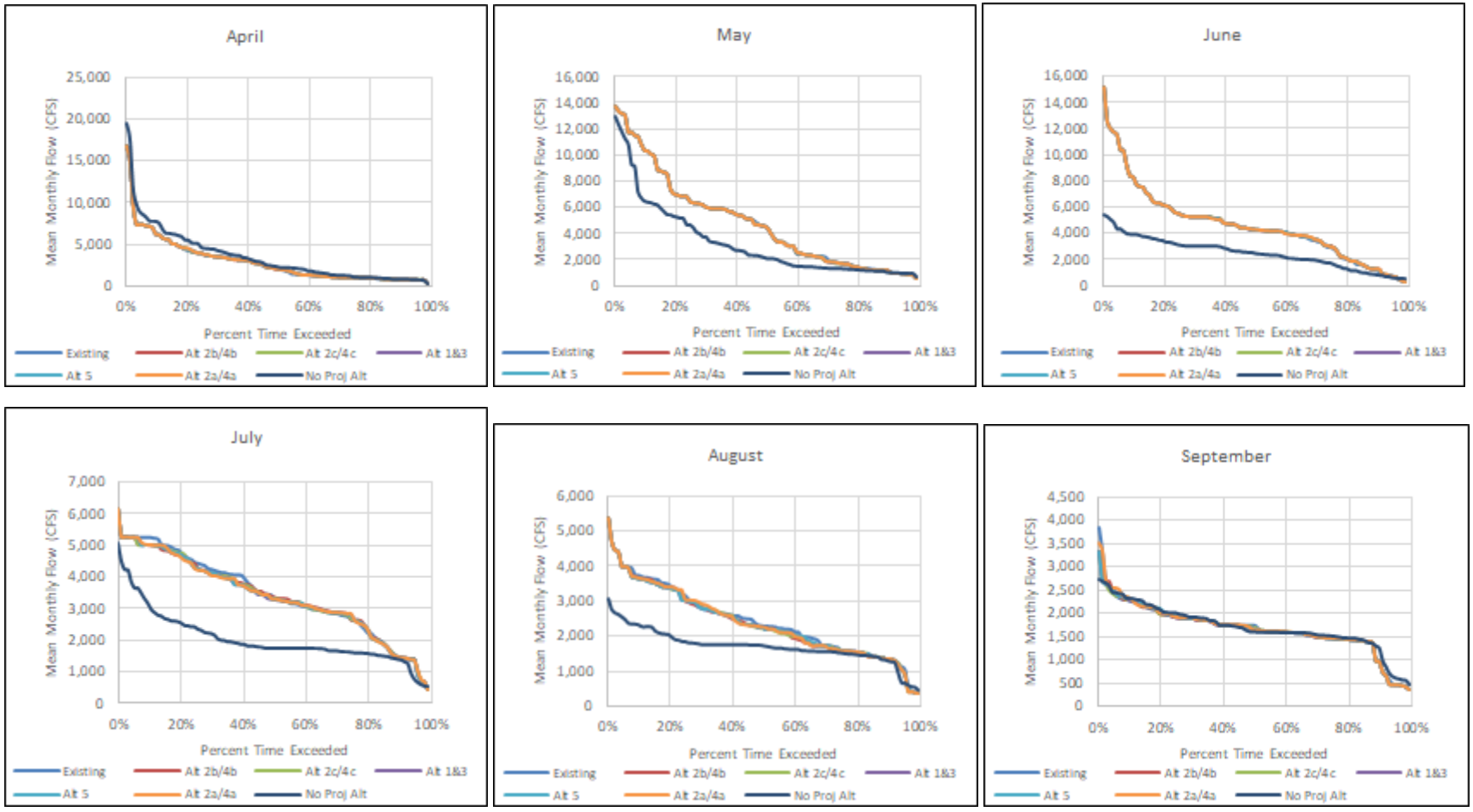


Table 5A-B3.2.21.1-A. American River at 16th Street Monthly Flow (C_AMR004), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,766	4,457	7,200	9,771	10,341	8,212	6,293	10,326	8,162	5,266	3,742	2,268
20%	1,480	3,775	3,398	5,978	8,312	4,129	4,478	6,953	6,170	4,816	3,445	2,038
30%	1,420	3,573	2,468	4,289	5,833	3,084	3,607	5,993	5,300	4,250	2,816	1,897
40%	1,403	2,051	2,003	2,786	4,288	2,018	3,147	5,436	4,808	4,042	2,611	1,748
50%	1,388	1,920	1,933	1,698	3,133	1,714	2,164	4,449	4,302	3,374	2,308	1,736
60%	1,380	1,684	1,915	1,498	2,173	1,677	1,409	2,551	4,086	3,073	2,148	1,601
70%	1,000	1,226	1,424	1,377	1,675	1,637	1,179	2,097	3,514	2,831	1,744	1,487
80%	685	800	824	1,334	1,481	1,500	1,085	1,400	2,099	2,296	1,561	1,438
90%	601	608	613	717	1,332	1,207	879	1,137	1,238	1,457	1,374	965

Table 5A-B3.2.21.1-B. American River at 16th Street Monthly Flow (C_AMR004), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,316	2,467	3,080	4,047	4,762	3,176	3,061	4,778	4,678	3,445	2,442	1,686
Wet Water Years	1,487	3,323	5,759	8,427	8,860	5,737	5,622	8,180	6,912	3,966	3,197	2,101
Above Normal Water Years	1,405	2,219	2,052	4,493	5,206	3,573	2,840	5,925	5,668	3,836	2,806	2,081
Below Normal Water Years	1,248	2,616	2,417	1,802	3,065	1,897	1,928	3,610	4,083	4,208	2,293	1,621
Dry Water Years	1,156	1,940	1,506	1,287	1,890	1,617	1,552	2,050	3,111	2,841	1,998	1,346
Critical Water Years	1,162	1,213	1,061	961	1,551	1,137	1,265	1,461	1,769	1,484	1,253	948

Table 5A-B3.2.21.1-C. American River at 16th Street Monthly Flow (C_AMR004), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,845	4,469	7,200	9,771	10,342	8,212	6,305	10,327	8,162	5,023	3,671	2,287
20%	1,554	3,742	3,419	5,978	8,312	4,129	4,504	6,953	6,170	4,709	3,404	1,987
30%	1,443	3,580	2,467	4,300	5,833	3,084	3,607	5,993	5,300	4,109	2,831	1,897
40%	1,403	2,728	2,004	2,808	4,244	2,287	3,161	5,437	4,806	3,809	2,513	1,748
50%	1,389	1,934	1,937	1,698	3,210	1,724	2,164	4,449	4,302	3,369	2,248	1,662
60%	1,381	1,852	1,917	1,496	2,130	1,680	1,420	2,565	4,089	3,122	1,964	1,599
70%	1,000	1,245	1,420	1,377	1,675	1,637	1,171	1,826	3,532	2,878	1,742	1,515
80%	686	753	824	1,335	1,481	1,500	1,085	1,381	2,176	2,401	1,578	1,438
90%	601	578	638	774	1,332	1,207	879	1,129	1,313	1,457	1,375	965

Table 5A-B3.2.21.1-D. American River at 16th Street Monthly Flow (C_AMR004), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,338	2,504	3,092	4,038	4,762	3,189	3,077	4,771	4,698	3,406	2,386	1,677
Wet Water Years	1,485	3,336	5,791	8,437	8,861	5,737	5,622	8,181	6,916	3,935	3,160	2,099
Above Normal Water Years	1,381	2,389	2,045	4,351	5,209	3,573	2,840	5,925	5,662	3,906	2,633	2,045
Below Normal Water Years	1,264	2,620	2,416	1,804	3,034	1,932	1,945	3,609	4,104	4,058	2,238	1,610
Dry Water Years	1,256	2,001	1,510	1,297	1,920	1,634	1,560	2,075	3,148	2,819	1,964	1,347
Critical Water Years	1,197	1,208	1,078	988	1,558	1,156	1,338	1,386	1,822	1,493	1,229	940

Table 5A-B3.2.21.1-E. American River at 16th Street Monthly Flow (C_AMR004), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	79	12	0	0	1	0	12	1	0	-243	-71	19
20%	74	-33	21	0	0	0	26	0	0	-108	-41	-51
30%	23	7	-1	11	0	0	0	0	0	-141	16	0
40%	0	676	0	22	-44	269	14	1	-2	-233	-98	0
50%	1	15	4	0	77	10	0	0	1	-5	-60	-74
60%	1	169	2	-2	-44	3	11	14	3	48	-184	-3
70%	0	19	-4	0	0	0	-8	-271	18	47	-2	28
80%	0	-47	0	1	0	0	0	-19	77	105	17	0
90%	0	-30	24	57	0	0	0	-9	75	1	0	0

Table 5A-B3.2.21.1-F. American River at 16th Street Monthly Flow (C_AMR004), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	22	37	12	-9	0	14	16	-7	20	-38	-56	-9
Wet Water Years	-2	13	32	9	1	0	1	1	4	-31	-37	-2
Above Normal Water Years	-25	170	-6	-141	3	0	0	0	-5	70	-173	-36
Below Normal Water Years	17	5	-1	2	-31	35	16	-2	21	-150	-55	-10
Dry Water Years	100	62	4	10	31	17	8	25	37	-22	-35	2
Critical Water Years	35	-5	17	27	7	19	73	-75	53	9	-24	-8

Table 5A-B3.2.21.2-A. American River at 16th Street Monthly Flow (C_AMR004), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,946	4,464	7,200	9,771	10,341	8,212	6,305	10,327	8,162	5,030	3,648	2,292
20%	1,533	3,745	3,331	6,072	8,312	4,129	4,522	6,953	6,170	4,774	3,374	1,988
30%	1,443	3,555	2,464	4,295	5,833	3,084	3,608	5,994	5,300	4,127	2,830	1,897
40%	1,403	2,634	2,014	2,767	4,280	2,284	3,161	5,435	4,806	3,769	2,593	1,748
50%	1,389	1,934	1,932	1,698	3,210	1,724	2,222	4,449	4,321	3,322	2,235	1,700
60%	1,381	1,852	1,916	1,530	2,148	1,680	1,413	2,567	4,140	3,101	2,012	1,601
70%	1,000	1,229	1,419	1,377	1,675	1,637	1,171	1,841	3,574	2,870	1,746	1,514
80%	686	753	824	1,335	1,481	1,500	1,085	1,380	2,185	2,402	1,572	1,438
90%	601	560	614	774	1,332	1,207	879	1,102	1,311	1,474	1,375	965

Table 5A-B3.2.21.2-B. American River at 16th Street Monthly Flow (C_AMR004), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,357	2,483	3,084	4,054	4,767	3,185	3,076	4,770	4,700	3,399	2,390	1,674
Wet Water Years	1,505	3,345	5,774	8,434	8,861	5,737	5,622	8,181	6,920	3,936	3,181	2,112
Above Normal Water Years	1,364	2,247	2,038	4,484	5,207	3,573	2,840	5,925	5,668	3,861	2,610	1,974
Below Normal Water Years	1,314	2,647	2,416	1,794	3,044	1,915	1,944	3,605	4,109	4,057	2,237	1,609
Dry Water Years	1,264	1,946	1,506	1,298	1,916	1,632	1,552	2,067	3,145	2,805	1,965	1,361
Critical Water Years	1,207	1,192	1,070	997	1,585	1,157	1,340	1,389	1,820	1,494	1,235	940

Table 5A-B3.2.21.2-C. American River at 16th Street Monthly Flow (C_AMR004), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	180	8	0	0	1	0	12	1	0	-236	-94	24
20%	52	-30	-67	94	0	0	44	0	0	-42	-71	-49
30%	23	-18	-4	6	0	0	0	0	0	-123	14	1
40%	0	582	11	-19	-9	265	14	-1	-2	-273	-18	0
50%	2	15	-2	0	77	10	58	0	19	-53	-73	-37
60%	1	169	1	33	-25	2	4	16	54	27	-136	0
70%	0	2	-5	0	0	0	-8	-256	60	39	2	27
80%	0	-47	0	1	0	0	0	-19	86	106	11	0
90%	0	-48	0	56	0	0	0	-36	73	17	0	0

Table 5A-B3.2.21.2-D. American River at 16th Street Monthly Flow (C_AMR004), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	41	16	4	7	5	10	15	-9	22	-46	-52	-11
Wet Water Years	18	22	15	7	0	0	1	1	9	-30	-17	11
Above Normal Water Years	-41	28	-13	-8	1	0	0	0	0	25	-196	-107
Below Normal Water Years	66	31	-1	-8	-21	18	16	-5	25	-151	-56	-12
Dry Water Years	108	7	0	11	26	15	0	17	34	-36	-33	15
Critical Water Years	45	-21	9	36	33	20	75	-72	52	10	-18	-8

Table 5A-B3.2.21.3-A. American River at 16th Street Monthly Flow (C_AMR004), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,946	4,464	7,200	9,771	10,341	8,212	6,305	10,327	8,162	5,032	3,648	2,289
20%	1,533	3,827	3,334	5,978	8,312	4,129	4,446	6,953	6,170	4,712	3,384	2,022
30%	1,443	3,598	2,444	4,291	5,833	3,084	3,607	5,993	5,300	4,145	2,816	1,897
40%	1,403	2,679	2,014	2,799	4,285	2,283	3,169	5,434	4,806	3,750	2,549	1,747
50%	1,390	1,934	1,934	1,698	3,210	1,724	2,223	4,449	4,328	3,295	2,243	1,667
60%	1,381	1,852	1,915	1,528	2,173	1,680	1,417	2,556	4,144	3,101	2,068	1,598
70%	1,000	1,227	1,415	1,373	1,675	1,637	1,171	1,829	3,574	2,872	1,745	1,487
80%	686	753	825	1,331	1,481	1,500	1,094	1,384	2,182	2,403	1,574	1,438
90%	601	560	614	774	1,332	1,207	903	1,088	1,305	1,475	1,375	965

Table 5A-B3.2.21.3-B. American River at 16th Street Monthly Flow (C_AMR004), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,353	2,515	3,083	4,033	4,767	3,183	3,080	4,773	4,698	3,391	2,391	1,673
Wet Water Years	1,508	3,346	5,770	8,438	8,861	5,737	5,622	8,181	6,921	3,925	3,178	2,111
Above Normal Water Years	1,364	2,449	2,037	4,359	5,211	3,573	2,840	5,925	5,678	3,865	2,626	1,989
Below Normal Water Years	1,291	2,657	2,415	1,796	3,043	1,910	1,947	3,608	4,105	4,044	2,219	1,607
Dry Water Years	1,264	1,969	1,506	1,291	1,908	1,635	1,539	2,077	3,135	2,802	1,982	1,346
Critical Water Years	1,207	1,193	1,076	964	1,587	1,148	1,379	1,397	1,812	1,490	1,238	940

Table 5A-B3.2.21.3-C. American River at 16th Street Monthly Flow (C_AMR004), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	180	7	0	0	0	0	12	1	0	-234	-94	21
20%	52	52	-64	0	0	0	-32	0	0	-104	-61	-16
30%	23	25	-24	3	0	0	0	0	0	-105	0	0
40%	0	628	11	13	-3	265	22	-1	-2	-292	-62	-1
50%	2	15	0	0	77	10	58	0	26	-80	-65	-70
60%	1	169	0	30	-1	2	8	5	58	28	-79	-3
70%	0	0	-9	-4	0	0	-8	-268	59	41	1	0
80%	0	-47	1	-3	0	0	9	-16	83	107	13	0
90%	0	-48	0	56	0	0	24	-50	67	18	0	0

Table 5A-B3.2.21.3-D. American River at 16th Street Monthly Flow (C_AMR004), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	37	48	4	-14	4	8	19	-5	20	-53	-51	-13
Wet Water Years	21	22	11	10	0	0	1	1	9	-41	-19	11
Above Normal Water Years	-41	229	-14	-134	5	0	0	0	10	30	-180	-93
Below Normal Water Years	43	41	-1	-6	-22	13	19	-2	22	-165	-74	-14
Dry Water Years	108	29	0	4	19	18	-13	27	24	-39	-16	0
Critical Water Years	45	-20	15	3	36	11	114	-64	44	6	-15	-8

Table 5A-B3.2.21.4-A. American River at 16th Street Monthly Flow (C_AMR004), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,845	4,465	7,200	9,771	10,341	8,212	6,305	10,327	8,162	5,035	3,671	2,313
20%	1,533	3,827	3,449	5,978	8,312	4,129	4,616	6,953	6,170	4,652	3,419	2,006
30%	1,443	3,598	2,436	4,340	5,833	3,084	3,607	5,993	5,300	4,064	2,942	1,897
40%	1,403	2,674	2,014	2,849	4,289	2,281	3,153	5,432	4,806	3,743	2,555	1,747
50%	1,390	1,923	1,934	1,698	3,210	1,724	2,164	4,450	4,333	3,311	2,272	1,643
60%	1,381	1,852	1,915	1,528	2,196	1,680	1,416	2,632	4,045	3,103	2,029	1,598
70%	1,000	1,245	1,424	1,375	1,676	1,637	1,171	1,827	3,587	2,878	1,737	1,487
80%	685	753	832	1,334	1,481	1,501	1,093	1,398	2,186	2,402	1,571	1,438
90%	601	564	613	769	1,332	1,207	903	1,138	1,320	1,467	1,375	965

Table 5A-B3.2.21.4-B. American River at 16th Street Monthly Flow (C_AMR004), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,343	2,497	3,086	4,033	4,773	3,184	3,081	4,771	4,699	3,392	2,399	1,683
Wet Water Years	1,500	3,313	5,783	8,427	8,861	5,737	5,622	8,181	6,922	3,928	3,183	2,112
Above Normal Water Years	1,364	2,414	2,033	4,355	5,211	3,573	2,840	5,925	5,676	3,843	2,694	2,073
Below Normal Water Years	1,265	2,635	2,414	1,800	3,043	1,907	1,962	3,605	4,090	4,063	2,276	1,604
Dry Water Years	1,266	1,965	1,506	1,290	1,943	1,633	1,550	2,075	3,156	2,790	1,902	1,346
Critical Water Years	1,197	1,209	1,072	986	1,589	1,157	1,352	1,390	1,822	1,489	1,229	940

Table 5A-B3.2.21.4-C. American River at 16th Street Monthly Flow (C_AMR004), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	79	8	0	0	0	0	12	1	0	-231	-71	45
20%	52	52	51	0	0	0	138	0	0	-164	-26	-31
30%	23	25	-32	52	0	0	0	0	0	-186	126	0
40%	0	623	11	63	1	262	5	-3	-2	-299	-56	-1
50%	2	3	0	0	77	10	0	0	31	-64	-36	-93
60%	1	169	0	30	22	2	7	81	-41	30	-119	-3
70%	0	19	0	-2	0	0	-8	-270	73	48	-7	0
80%	0	-47	8	0	0	1	8	-2	87	106	10	0
90%	0	-45	0	51	0	0	24	0	82	10	0	0

Table 5A-B3.2.21.4-D. American River at 16th Street Monthly Flow (C_AMR004), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	27	30	6	-14	10	8	21	-7	21	-53	-43	-3
Wet Water Years	13	-10	24	0	0	0	1	1	10	-38	-15	11
Above Normal Water Years	-41	195	-19	-137	5	0	0	0	9	7	-113	-8
Below Normal Water Years	18	19	-3	-2	-22	10	34	-5	7	-145	-17	-17
Dry Water Years	110	25	0	3	53	16	-2	25	45	-51	-97	0
Critical Water Years	35	-4	11	25	38	20	87	-71	53	5	-23	-8

Table 5A-B3.2.21.5-A. American River at 16th Street Monthly Flow (C_AMR004), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1,916	4,464	7,200	9,771	10,341	8,212	6,305	10,327	8,162	5,032	3,648	2,324
20%	1,502	3,774	3,334	5,978	8,312	4,129	4,446	6,953	6,170	4,735	3,384	2,083
30%	1,420	3,577	2,444	4,291	5,833	3,084	3,607	5,993	5,300	4,145	2,815	1,897
40%	1,401	2,679	2,004	2,799	4,285	2,285	3,170	5,434	4,806	3,750	2,548	1,747
50%	1,388	1,934	1,934	1,698	3,210	1,724	2,223	4,449	4,328	3,312	2,243	1,667
60%	1,381	1,852	1,915	1,528	2,173	1,680	1,417	2,556	4,144	3,113	2,068	1,598
70%	1,000	1,227	1,415	1,373	1,675	1,637	1,171	1,829	3,574	2,872	1,746	1,514
80%	686	753	825	1,331	1,481	1,500	1,094	1,384	2,182	2,403	1,574	1,438
90%	601	560	614	774	1,332	1,207	903	1,087	1,305	1,475	1,375	965

Table 5A-B3.2.21.5-B. American River at 16th Street Monthly Flow (C_AMR004), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,343	2,505	3,080	4,033	4,774	3,183	3,080	4,773	4,697	3,396	2,394	1,680
Wet Water Years	1,497	3,346	5,766	8,439	8,861	5,737	5,622	8,181	6,921	3,925	3,178	2,111
Above Normal Water Years	1,364	2,450	2,038	4,359	5,211	3,573	2,840	5,925	5,678	3,896	2,627	2,041
Below Normal Water Years	1,288	2,614	2,415	1,796	3,043	1,910	1,947	3,608	4,105	4,045	2,232	1,607
Dry Water Years	1,264	1,969	1,506	1,291	1,951	1,636	1,538	2,076	3,133	2,806	1,983	1,351
Critical Water Years	1,172	1,193	1,063	963	1,587	1,148	1,379	1,397	1,811	1,491	1,238	940

Table 5A-B3.2.21.5-C. American River at 16th Street Monthly Flow (C_AMR004), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	151	7	-1	0	0	0	12	1	0	-234	-94	56
20%	22	-1	-65	0	0	0	-32	0	0	-82	-61	45
30%	0	4	-24	3	0	0	0	-1	0	-105	0	1
40%	-2	628	0	13	-3	267	23	-2	-2	-292	-62	0
50%	0	15	0	0	77	10	58	0	26	-62	-65	-70
60%	1	169	0	30	-1	2	8	5	58	40	-79	-3
70%	0	0	-9	-4	0	0	-8	-268	60	41	2	27
80%	0	-47	1	-3	0	0	9	-16	83	107	13	0
90%	0	-48	0	56	0	0	24	-50	67	18	0	0

Table 5A-B3.2.21.5-D. American River at 16th Street Monthly Flow (C_AMR004), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	27	38	0	-14	11	8	19	-5	19	-48	-48	-5
Wet Water Years	10	22	7	11	0	0	1	1	9	-40	-19	11
Above Normal Water Years	-41	230	-14	-134	5	0	0	0	10	61	-180	-40
Below Normal Water Years	40	-2	-1	-6	-22	13	19	-2	22	-163	-61	-14
Dry Water Years	108	29	0	4	61	18	-14	27	22	-35	-15	5
Critical Water Years	10	-20	2	2	36	11	114	-64	42	7	-15	-8

B.2.22 San Joaquin River at Vernalis

Figure 5A-B3.2.22.1-A. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Probability of Exceedance for Existing Conditions, October to March

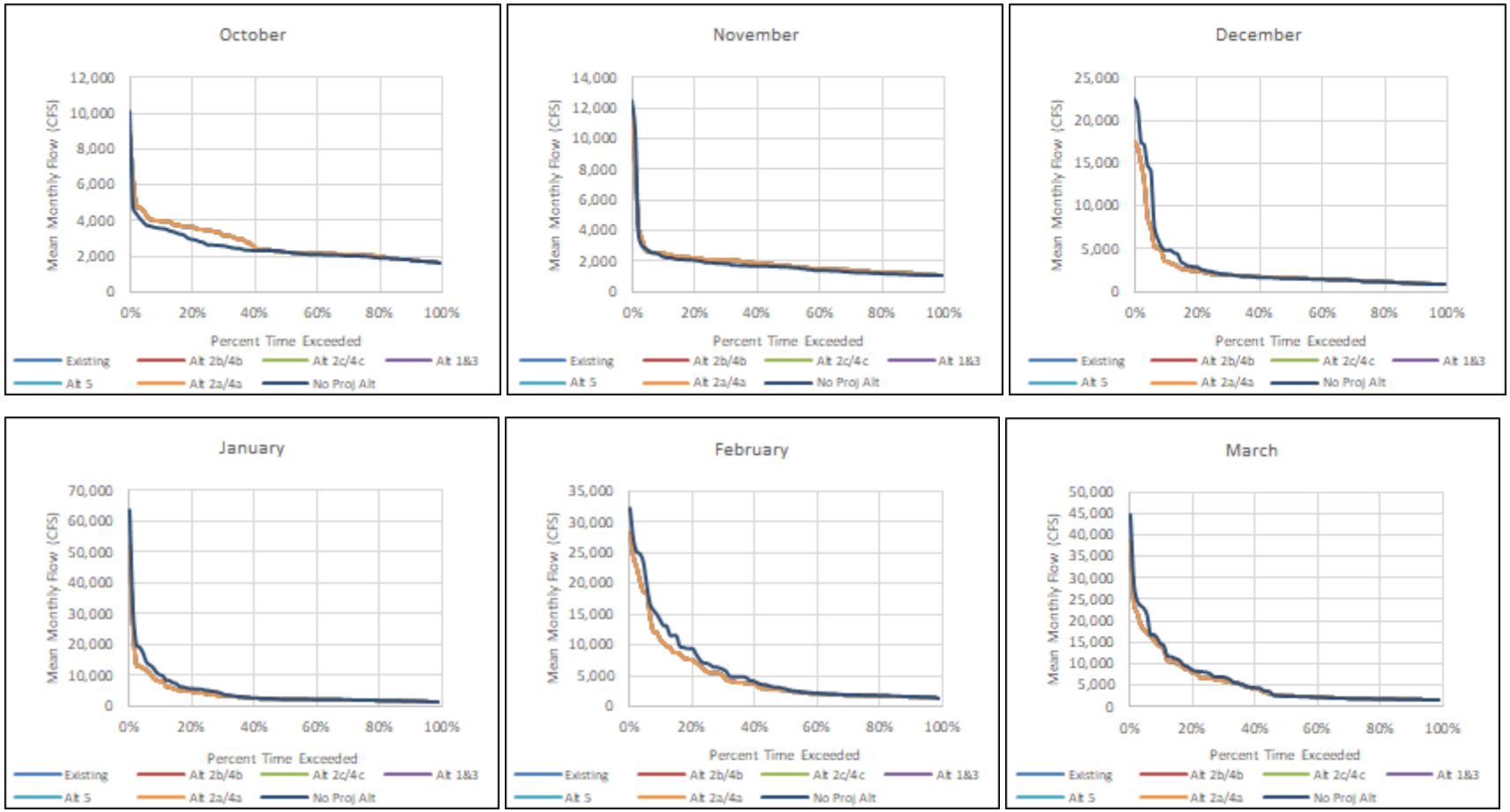


Figure 5A-B3.2.22.1-B. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Probability of Exceedance for Existing Conditions, April to September

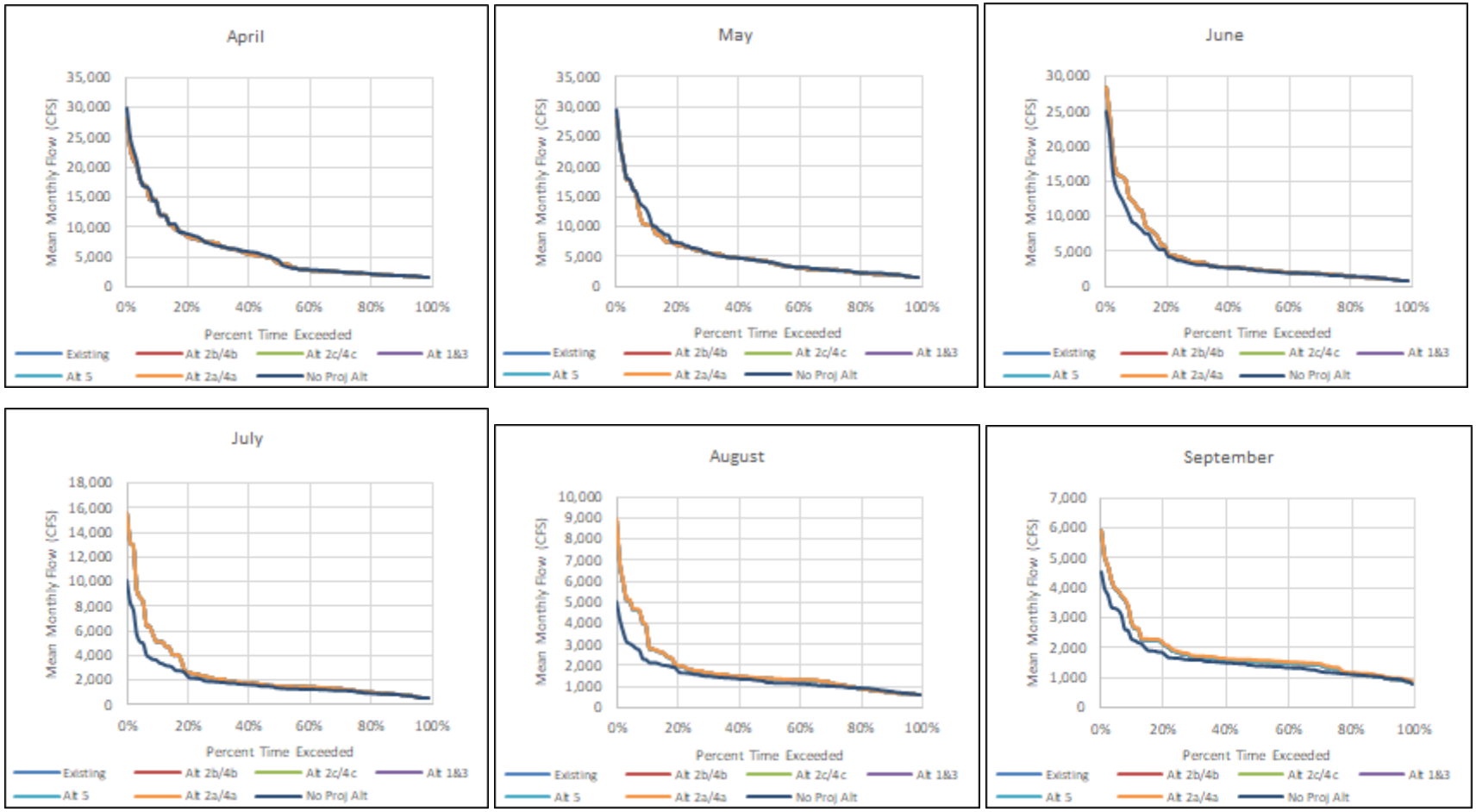


Table 5A-B3.2.22.1-A. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,983	2,549	3,679	7,978	10,863	13,769	13,601	10,322	11,399	5,155	3,578	2,784
20%	3,645	2,256	2,497	4,592	7,638	7,949	8,418	6,957	5,046	2,630	2,018	2,117
30%	3,198	2,098	1,995	3,241	5,170	6,010	7,236	5,610	3,392	2,120	1,668	1,697
40%	2,569	1,915	1,800	2,359	3,780	4,092	5,458	4,838	2,669	1,767	1,470	1,594
50%	2,247	1,731	1,713	2,141	2,776	2,552	3,971	4,178	2,255	1,544	1,389	1,549
60%	2,174	1,533	1,550	1,967	2,180	2,298	2,775	3,132	1,930	1,468	1,327	1,501
70%	2,132	1,462	1,390	1,806	1,923	1,922	2,464	2,776	1,730	1,342	1,230	1,435
80%	2,043	1,297	1,238	1,704	1,784	1,821	2,104	2,323	1,352	1,048	920	1,152
90%	1,827	1,258	1,037	1,430	1,651	1,703	1,820	2,015	1,066	851	746	1,051

Table 5A-B3.2.22.1-B. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,771	1,981	2,553	4,011	5,067	5,544	6,040	5,534	4,276	2,546	1,813	1,801
Wet Water Years	3,106	2,475	4,461	7,842	9,589	11,043	11,459	9,893	8,639	4,810	3,045	2,646
Above Normal Water Years	2,605	1,833	1,887	3,185	4,972	5,487	6,128	5,531	4,479	2,549	1,817	1,788
Below Normal Water Years	2,954	1,966	1,887	2,397	3,218	3,065	3,804	3,858	2,209	1,526	1,314	1,492
Dry Water Years	2,510	1,665	1,421	1,790	1,962	1,963	2,434	2,712	1,598	1,221	1,111	1,330
Critical Water Years	2,206	1,432	1,377	1,586	1,912	1,799	1,987	2,059	1,058	809	754	1,024

Table 5A-B3.2.22.1-C. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,985	2,551	3,680	7,982	10,864	13,777	13,609	10,330	11,407	5,160	3,584	2,787
20%	3,651	2,257	2,500	4,596	7,643	7,976	8,424	6,960	5,052	2,645	2,030	2,122
30%	3,205	2,100	1,999	3,243	5,176	6,017	7,246	5,620	3,410	2,125	1,673	1,701
40%	2,575	1,919	1,803	2,363	3,784	4,092	5,464	4,846	2,675	1,779	1,493	1,609
50%	2,251	1,736	1,715	2,146	2,781	2,557	3,976	4,183	2,259	1,549	1,395	1,552
60%	2,180	1,537	1,551	1,967	2,183	2,303	2,777	3,142	1,939	1,476	1,333	1,509
70%	2,135	1,467	1,391	1,810	1,927	1,927	2,471	2,780	1,743	1,343	1,235	1,446
80%	2,045	1,300	1,240	1,709	1,784	1,823	2,107	2,325	1,356	1,052	924	1,157
90%	1,834	1,260	1,037	1,433	1,654	1,707	1,819	2,026	1,068	847	753	1,053

Table 5A-B3.2.22.1-D. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,775	1,984	2,556	4,016	5,072	5,549	6,045	5,541	4,282	2,552	1,819	1,806
Wet Water Years	3,111	2,479	4,465	7,849	9,596	11,049	11,466	9,902	8,649	4,819	3,055	2,653
Above Normal Water Years	2,610	1,837	1,890	3,190	4,975	5,492	6,133	5,536	4,484	2,554	1,823	1,793
Below Normal Water Years	2,957	1,969	1,889	2,400	3,221	3,069	3,809	3,864	2,215	1,532	1,320	1,496
Dry Water Years	2,514	1,668	1,424	1,793	1,966	1,966	2,438	2,717	1,603	1,226	1,115	1,334
Critical Water Years	2,207	1,434	1,379	1,588	1,915	1,802	1,990	2,064	1,062	812	756	1,027

Table 5A-B3.2.22.1-E. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

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

Table 5A-B3.2.22.1-F. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4	3	3	5	5	5	5	6	7	6	6	5
Wet Water Years	5	4	5	7	8	7	7	9	10	9	10	7
Above Normal Water Years	5	4	3	5	3	4	5	5	5	5	6	5
Below Normal Water Years	4	3	3	3	4	4	5	6	6	6	5	4
Dry Water Years	4	3	2	3	4	3	4	5	5	5	4	4
Critical Water Years	2	2	2	2	3	3	4	5	4	4	2	3

Table 5A-B3.2.22.2-A. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,986	2,554	3,680	7,989	10,867	13,777	13,612	10,335	11,408	5,161	3,586	2,789
20%	3,656	2,258	2,503	4,598	7,647	7,984	8,426	6,963	5,058	2,659	2,039	2,126
30%	3,209	2,101	2,001	3,246	5,177	6,022	7,250	5,631	3,416	2,128	1,676	1,704
40%	2,584	1,921	1,807	2,366	3,785	4,094	5,467	4,853	2,680	1,788	1,497	1,611
50%	2,252	1,738	1,716	2,150	2,783	2,558	3,976	4,184	2,259	1,550	1,402	1,556
60%	2,180	1,538	1,552	1,968	2,187	2,305	2,778	3,153	1,946	1,480	1,336	1,511
70%	2,135	1,470	1,391	1,813	1,929	1,931	2,473	2,785	1,742	1,343	1,234	1,452
80%	2,043	1,300	1,241	1,711	1,785	1,825	2,111	2,325	1,349	1,056	916	1,158
90%	1,833	1,262	1,039	1,434	1,657	1,709	1,826	2,028	1,073	857	751	1,054

Table 5A-B3.2.22.2-B. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,778	1,986	2,558	4,017	5,073	5,551	6,048	5,545	4,287	2,557	1,823	1,809
Wet Water Years	3,114	2,481	4,468	7,849	9,600	11,053	11,471	9,908	8,655	4,825	3,060	2,657
Above Normal Water Years	2,613	1,839	1,892	3,193	4,970	5,494	6,136	5,541	4,491	2,561	1,830	1,798
Below Normal Water Years	2,960	1,971	1,891	2,402	3,224	3,072	3,812	3,867	2,220	1,537	1,325	1,500
Dry Water Years	2,517	1,670	1,425	1,795	1,968	1,968	2,439	2,718	1,605	1,228	1,116	1,336
Critical Water Years	2,210	1,436	1,381	1,590	1,917	1,804	1,991	2,066	1,065	815	757	1,029

Table 5A-B3.2.22.2-C. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	5	2	11	4	8	10	12	10	6	8	5
20%	10	2	6	5	8	35	8	5	13	29	21	9
30%	11	3	7	5	7	12	14	21	24	8	8	7
40%	15	6	7	7	4	2	9	15	12	21	27	17
50%	5	7	3	9	6	6	6	6	4	6	14	6
60%	6	5	2	1	7	6	3	21	16	13	9	10
70%	3	7	1	7	7	8	9	9	12	1	4	17
80%	0	3	3	8	1	4	7	2	-3	8	-4	6
90%	6	3	2	4	6	6	6	13	7	6	5	3

Table 5A-B3.2.22.2-D. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

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

Table 5A-B3.2.22.3-A. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,987	2,554	3,680	7,990	10,868	13,787	13,613	10,336	11,411	5,163	3,587	2,789
20%	3,657	2,258	2,504	4,598	7,648	7,980	8,426	6,963	5,059	2,660	2,040	2,126
30%	3,210	2,101	2,002	3,248	5,178	6,023	7,251	5,634	3,417	2,128	1,676	1,704
40%	2,585	1,922	1,807	2,367	3,790	4,094	5,468	4,853	2,680	1,789	1,498	1,609
50%	2,252	1,738	1,717	2,151	2,784	2,561	3,983	4,195	2,272	1,557	1,403	1,560
60%	2,184	1,541	1,552	1,968	2,188	2,306	2,777	3,154	1,948	1,481	1,340	1,511
70%	2,136	1,473	1,391	1,815	1,932	1,931	2,475	2,787	1,743	1,345	1,233	1,453
80%	2,041	1,300	1,241	1,712	1,784	1,826	2,112	2,324	1,347	1,055	913	1,158
90%	1,835	1,262	1,040	1,432	1,659	1,709	1,825	2,027	1,074	857	751	1,053

Table 5A-B3.2.22.3-B. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,779	1,987	2,559	4,018	5,075	5,552	6,049	5,546	4,288	2,558	1,825	1,810
Wet Water Years	3,115	2,482	4,469	7,850	9,598	11,054	11,472	9,909	8,657	4,826	3,061	2,658
Above Normal Water Years	2,614	1,840	1,892	3,194	4,981	5,496	6,139	5,548	4,497	2,568	1,836	1,802
Below Normal Water Years	2,961	1,972	1,892	2,403	3,225	3,073	3,813	3,869	2,221	1,537	1,327	1,501
Dry Water Years	2,518	1,671	1,426	1,796	1,969	1,968	2,440	2,718	1,603	1,227	1,115	1,335
Critical Water Years	2,210	1,436	1,381	1,591	1,918	1,804	1,991	2,066	1,066	816	758	1,029

Table 5A-B3.2.22.3-C. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	6	2	12	5	18	12	14	12	8	9	6
20%	11	1	7	6	10	30	8	6	13	30	21	10
30%	12	3	7	7	8	12	15	24	25	9	8	7
40%	15	7	7	8	10	2	10	15	11	22	27	15
50%	6	7	4	10	7	9	12	17	17	13	15	11
60%	11	8	2	1	9	8	3	22	18	13	13	10
70%	4	10	1	9	9	9	12	11	13	3	3	18
80%	-1	3	3	9	1	5	8	0	-5	7	-7	6
90%	7	3	3	2	8	6	5	12	8	6	4	2

Table 5A-B3.2.22.3-D. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	8	6	6	7	8	8	9	12	13	12	12	9
Wet Water Years	9	7	8	8	9	11	13	16	17	16	16	12
Above Normal Water Years	9	7	6	9	9	9	10	17	18	20	19	14
Below Normal Water Years	7	6	5	6	7	7	9	11	11	11	12	9
Dry Water Years	8	6	5	6	7	5	6	5	6	6	4	5
Critical Water Years	5	4	4	5	5	5	4	7	8	7	4	5

Table 5A-B3.2.22.4-A. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,996	2,563	3,682	8,003	10,873	13,804	13,626	10,351	11,425	5,178	3,598	2,795
20%	3,664	2,260	2,509	4,604	7,658	8,003	8,434	6,969	5,067	2,669	2,046	2,133
30%	3,218	2,104	2,011	3,252	5,184	6,031	7,265	5,642	3,432	2,148	1,682	1,715
40%	2,592	1,927	1,811	2,375	3,797	4,097	5,476	4,860	2,698	1,808	1,514	1,621
50%	2,259	1,744	1,728	2,159	2,791	2,569	3,995	4,210	2,290	1,577	1,416	1,573
60%	2,191	1,552	1,554	1,970	2,195	2,314	2,782	3,170	1,975	1,489	1,349	1,517
70%	2,141	1,481	1,392	1,821	1,938	1,936	2,486	2,794	1,752	1,368	1,250	1,459
80%	2,056	1,310	1,244	1,716	1,785	1,832	2,119	2,342	1,374	1,070	937	1,160
90%	1,845	1,264	1,043	1,436	1,663	1,712	1,837	2,030	1,081	876	758	1,057

Table 5A-B3.2.22.4-B. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,786	1,993	2,565	4,026	5,083	5,568	6,059	5,558	4,300	2,571	1,835	1,819
Wet Water Years	3,122	2,488	4,477	7,860	9,609	11,089	11,485	9,924	8,671	4,839	3,071	2,666
Above Normal Water Years	2,621	1,845	1,897	3,202	4,994	5,506	6,151	5,562	4,512	2,586	1,852	1,815
Below Normal Water Years	2,970	1,979	1,898	2,410	3,232	3,079	3,822	3,880	2,233	1,552	1,339	1,511
Dry Water Years	2,525	1,676	1,430	1,802	1,975	1,974	2,448	2,727	1,615	1,239	1,125	1,344
Critical Water Years	2,216	1,441	1,385	1,595	1,923	1,809	1,995	2,070	1,071	820	760	1,032

Table 5A-B3.2.22.4-C. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	15	4	25	10	35	24	28	26	23	20	11
20%	19	4	12	12	20	54	16	11	22	39	28	17
30%	20	6	16	11	14	20	29	32	40	28	14	18
40%	23	12	12	16	17	5	18	22	29	40	44	28
50%	12	13	15	19	15	17	25	32	35	33	27	23
60%	18	19	4	3	15	15	7	38	45	21	21	17
70%	9	18	2	15	16	13	22	18	21	26	20	24
80%	13	13	6	13	1	11	15	19	22	22	16	8
90%	18	6	6	6	13	9	17	15	15	25	12	6

Table 5A-B3.2.22.4-D. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	15	12	12	14	16	24	19	23	25	25	22	18
Wet Water Years	16	14	17	18	20	47	26	31	32	29	26	20
Above Normal Water Years	16	12	11	16	22	19	22	31	34	37	35	27
Below Normal Water Years	16	13	11	13	14	14	18	22	24	26	25	19
Dry Water Years	14	11	9	12	12	11	14	15	18	18	15	14
Critical Water Years	10	9	8	9	11	10	8	11	13	11	6	8

Table 5A-B3.2.22.5-A. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,987	2,554	3,680	7,990	10,867	13,787	13,613	10,336	11,411	5,163	3,587	2,789
20%	3,657	2,257	2,504	4,598	7,648	7,979	8,426	6,963	5,059	2,660	2,040	2,126
30%	3,210	2,101	2,002	3,249	5,178	6,022	7,251	5,634	3,417	2,128	1,676	1,704
40%	2,585	1,922	1,807	2,367	3,790	4,094	5,468	4,853	2,680	1,789	1,498	1,608
50%	2,252	1,738	1,717	2,151	2,784	2,561	3,983	4,194	2,272	1,557	1,403	1,560
60%	2,184	1,541	1,552	1,968	2,188	2,306	2,777	3,154	1,948	1,481	1,340	1,511
70%	2,136	1,473	1,391	1,815	1,932	1,931	2,475	2,787	1,743	1,345	1,233	1,453
80%	2,041	1,300	1,241	1,712	1,784	1,826	2,111	2,324	1,347	1,055	913	1,157
90%	1,835	1,261	1,040	1,432	1,659	1,709	1,825	2,027	1,074	857	751	1,053

Table 5A-B3.2.22.5-B. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,778	1,987	2,559	4,018	5,074	5,552	6,049	5,546	4,288	2,558	1,824	1,810
Wet Water Years	3,115	2,482	4,469	7,850	9,598	11,054	11,471	9,909	8,656	4,826	3,061	2,657
Above Normal Water Years	2,614	1,840	1,892	3,194	4,980	5,496	6,138	5,548	4,497	2,568	1,836	1,802
Below Normal Water Years	2,961	1,972	1,892	2,403	3,224	3,072	3,813	3,868	2,221	1,537	1,326	1,501
Dry Water Years	2,518	1,671	1,426	1,796	1,969	1,968	2,439	2,717	1,603	1,227	1,115	1,335
Critical Water Years	2,210	1,436	1,381	1,590	1,917	1,804	1,991	2,065	1,066	816	758	1,029

Table 5A-B3.2.22.5-C. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	5	2	12	4	18	12	14	12	8	9	6
20%	11	1	7	6	9	30	8	6	13	30	21	10
30%	12	3	7	7	8	12	15	24	25	8	8	7
40%	15	7	7	8	10	2	9	15	11	22	27	14
50%	6	7	4	10	7	9	12	17	17	13	15	11
60%	11	8	2	1	9	7	2	22	18	13	12	10
70%	4	10	1	9	9	9	11	11	13	3	3	18
80%	-2	3	3	8	0	5	7	0	-6	7	-8	5
90%	7	3	3	2	8	6	5	12	7	5	4	2

Table 5A-B3.2.22.5-D. San Joaquin River at Vernalis Monthly Flow (C_SJR070), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7	6	6	7	7	8	9	12	12	12	12	9
Wet Water Years	8	7	8	7	9	11	12	16	17	16	16	11
Above Normal Water Years	9	7	6	9	9	8	10	16	18	20	19	14
Below Normal Water Years	7	6	5	6	7	7	9	11	11	11	12	9
Dry Water Years	8	6	5	6	6	5	6	5	5	5	4	5
Critical Water Years	4	4	4	5	5	5	4	7	8	7	4	5

B.3 Delta Channel Flows and X2 Location

B.3.1 Delta Inflow (as defined in D-1641)

Figure 5A-B3.3.1.1-A. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Probability of Exceedance for Existing Condition, October to March

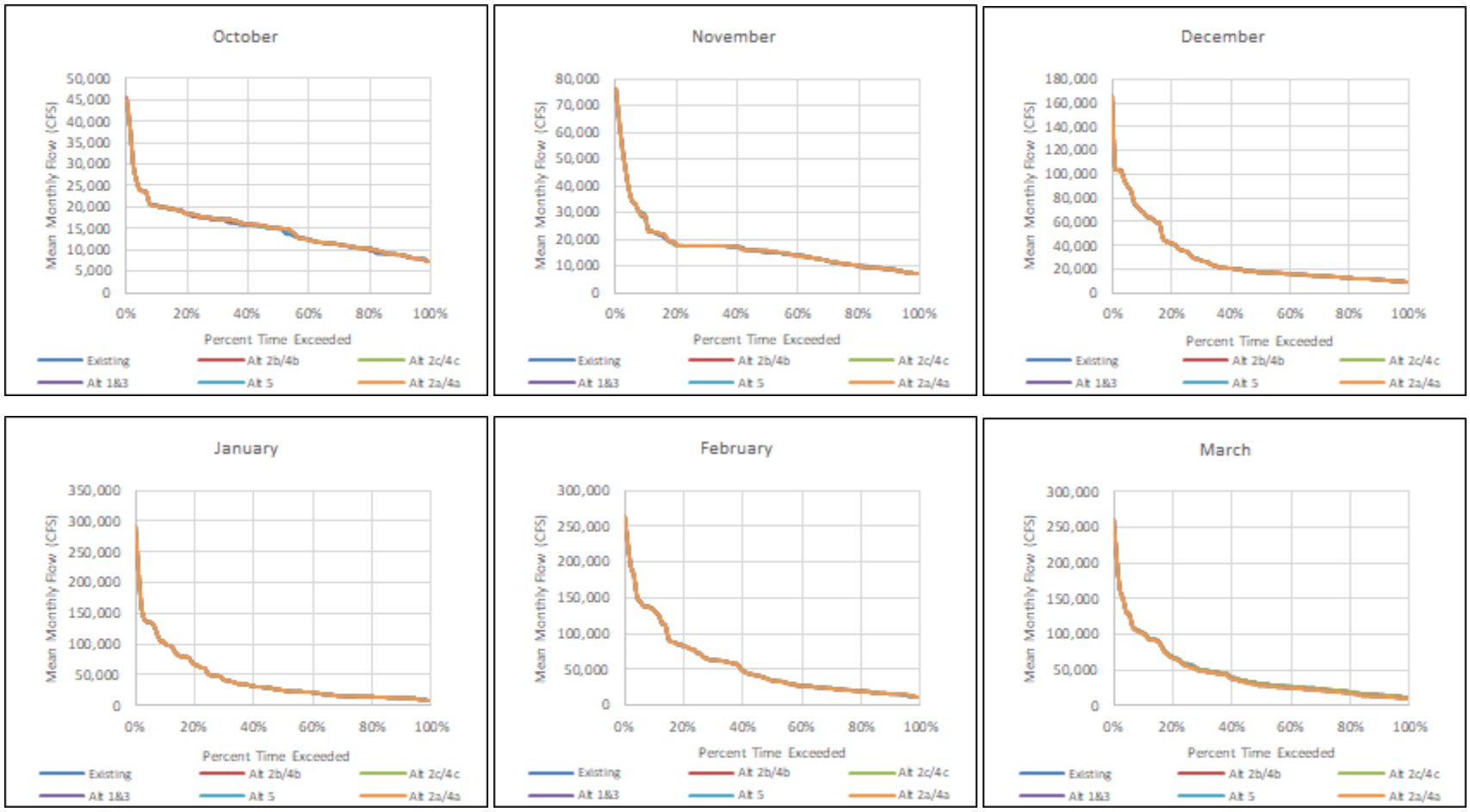


Figure 5A-B3.3.1.1-B. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Probability of Exceedance for Existing Condition, April to September

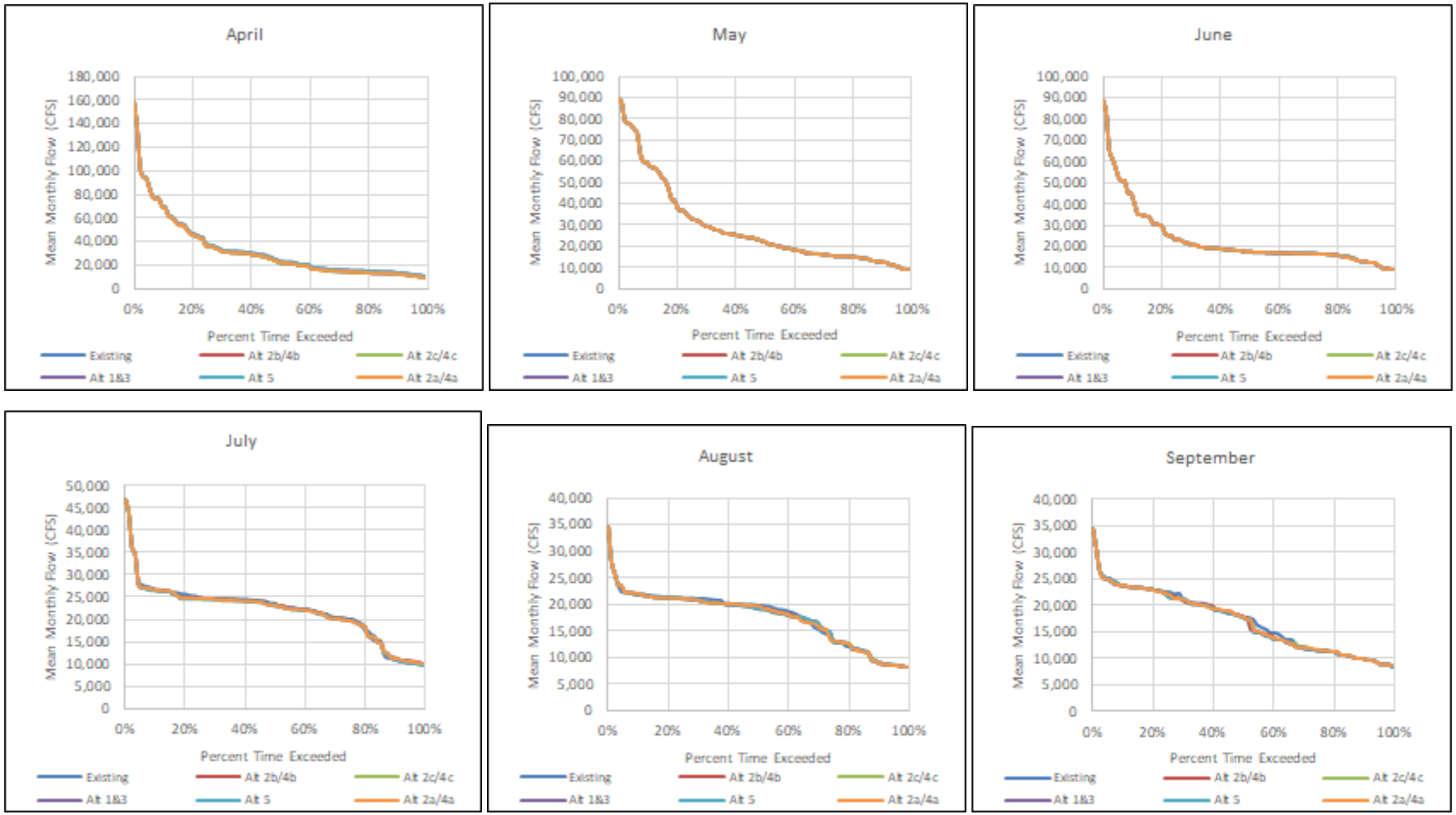


Table 5A-B3.3.1.1-A. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	20,347	26,448	68,732	102,989	133,240	101,889	69,343	59,036	43,583	26,781	21,905	23,615
20%	18,485	18,148	41,313	68,850	83,051	68,410	46,343	39,027	29,579	25,684	21,301	22,791
30%	16,917	17,354	27,356	43,361	63,077	49,599	32,634	29,292	20,675	24,630	21,058	20,902
40%	15,691	17,127	20,477	31,856	49,198	39,513	30,005	25,349	18,843	24,505	20,147	19,252
50%	14,808	15,068	16,976	25,948	34,892	29,826	23,310	21,971	17,079	23,610	19,801	17,674
60%	12,196	13,938	15,946	22,604	26,643	26,154	19,284	18,213	16,673	22,347	18,659	14,743
70%	11,168	12,054	14,120	16,414	23,168	22,940	15,141	15,993	16,429	20,166	15,341	11,836
80%	9,939	10,234	12,397	14,848	19,900	18,962	14,003	14,897	15,876	18,448	12,023	11,231
90%	8,672	8,746	10,724	13,726	15,831	14,665	13,020	12,339	12,704	11,287	9,021	9,866

Table 5A-B3.3.1.1-B. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	14,890	17,198	29,786	45,016	56,071	47,919	33,179	28,802	23,159	22,187	17,733	17,117
Wet Water Years	17,559	23,451	53,552	86,333	104,536	87,622	60,416	47,276	35,013	27,176	21,802	22,975
Above Normal Water Years	14,714	15,721	23,401	50,900	60,008	52,892	31,714	34,061	25,881	24,919	21,549	21,001
Below Normal Water Years	14,676	16,246	21,638	24,533	32,768	29,268	21,981	20,924	17,561	23,036	18,884	16,075
Dry Water Years	13,574	13,871	14,355	17,003	27,727	23,124	16,640	15,946	16,404	19,174	13,273	11,325
Critical Water Years	11,160	10,362	14,772	15,638	17,859	16,224	12,572	11,781	11,944	11,264	9,032	9,489

Table 5A-B3.3.1.1-C. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	20,222	27,127	68,847	102,265	133,058	101,725	69,365	59,042	43,597	26,414	21,860	23,514
20%	18,418	17,808	41,888	68,258	82,684	68,414	46,346	39,029	29,584	24,825	21,176	22,881
30%	17,031	17,354	27,345	43,165	62,775	50,200	32,601	29,374	20,687	24,505	20,716	21,012
40%	15,986	16,992	20,502	32,864	49,184	39,513	30,026	25,362	18,802	24,142	20,022	19,761
50%	14,964	15,208	17,184	26,071	34,843	29,853	22,910	21,973	17,232	23,111	19,535	17,864
60%	12,482	14,031	15,973	22,671	26,781	26,102	19,733	18,208	16,700	22,059	18,205	14,177
70%	11,255	12,022	14,206	16,508	23,487	22,983	15,483	16,047	16,436	20,373	16,528	12,079
80%	10,092	10,241	12,616	14,836	19,455	18,975	14,313	14,928	15,825	18,391	12,652	11,179
90%	8,848	8,755	10,974	13,380	15,702	14,669	13,181	12,408	12,778	11,055	9,085	9,883

Table 5A-B3.3.1.1-D. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	15,003	17,225	29,817	45,071	56,068	47,971	33,228	28,795	23,191	21,941	17,668	17,002
Wet Water Years	17,655	23,440	53,692	86,404	104,455	87,645	60,407	47,296	35,033	27,033	21,554	22,967
Above Normal Water Years	15,074	15,956	23,404	50,661	60,093	52,779	31,664	34,058	25,842	24,340	21,221	20,908
Below Normal Water Years	14,633	16,231	21,591	24,562	32,746	29,349	22,114	20,852	17,635	22,681	18,831	15,604
Dry Water Years	13,849	13,965	14,332	17,347	27,774	23,347	16,652	15,965	16,435	18,990	13,622	11,358
Critical Water Years	11,158	10,286	14,778	15,625	17,921	16,241	12,733	11,780	11,998	11,181	9,091	9,516

Table 5A-B3.3.1.1-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-125	679	115	-724	-182	-164	22	6	13	-367	-45	-101
20%	-66	-339	575	-592	-367	4	4	2	6	-859	-125	91
30%	115	0	-11	-196	-302	601	-33	82	13	-125	-342	110
40%	295	-135	26	1,008	-14	0	21	13	-41	-363	-125	509
50%	156	140	208	123	-48	28	-400	2	153	-500	-266	191
60%	286	93	26	67	138	-52	448	-4	27	-288	-454	-567
70%	87	-32	87	93	319	43	342	54	6	207	1,187	242
80%	153	7	219	-12	-445	12	310	31	-51	-57	629	-52
90%	175	9	250	-346	-129	3	160	69	74	-231	64	17

Table 5A-B3.3.1.1-F. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	113	28	31	56	-3	52	48	-8	32	-246	-66	-115
Wet Water Years	96	-11	140	71	-81	23	-9	20	20	-143	-248	-8
Above Normal Water Years	359	235	2	-238	85	-113	-49	-3	-39	-580	-328	-93
Below Normal Water Years	-43	-15	-47	29	-22	81	134	-73	74	-355	-54	-471
Dry Water Years	275	94	-22	344	47	223	12	19	31	-185	348	32
Critical Water Years	-1	-76	6	-12	62	17	160	-1	54	-83	58	27

Table 5A-B3.3.1.2-A. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	20,162	27,131	68,822	102,495	132,934	101,715	69,369	59,047	43,600	26,491	21,867	23,538
20%	18,436	18,038	41,850	68,265	82,334	68,415	46,262	39,033	29,587	24,673	21,209	22,881
30%	17,146	17,354	27,324	43,601	62,911	50,164	32,558	29,381	20,695	24,505	20,836	20,998
40%	16,040	16,752	20,502	32,849	49,201	39,516	30,030	25,369	18,802	24,126	19,978	19,355
50%	14,962	15,274	17,014	26,068	34,821	29,829	22,909	21,971	17,271	23,095	19,342	17,646
60%	12,438	13,984	15,891	22,671	26,784	26,115	19,769	18,205	16,717	22,059	17,952	13,835
70%	11,251	11,971	14,142	16,504	23,331	22,983	15,512	15,984	16,401	20,438	16,496	12,057
80%	10,246	10,065	12,654	14,836	19,464	18,975	14,458	14,931	15,951	18,516	12,673	11,180
90%	8,846	8,754	11,091	13,343	15,704	14,660	13,170	12,416	12,784	11,346	9,049	9,886

Table 5A-B3.3.1.2-B. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	15,059	17,242	29,786	45,067	56,070	47,973	33,242	28,807	23,205	21,964	17,657	16,970
Wet Water Years	17,690	23,475	53,603	86,375	104,536	87,655	60,403	47,311	35,057	27,010	21,633	22,910
Above Normal Water Years	15,054	16,011	23,287	50,879	59,962	52,698	31,655	34,078	25,850	24,504	21,145	20,634
Below Normal Water Years	14,750	16,262	21,548	24,545	32,684	29,391	22,119	20,873	17,636	22,593	18,673	15,656
Dry Water Years	13,856	13,959	14,415	17,208	27,775	23,346	16,734	15,962	16,410	19,113	13,633	11,412
Critical Water Years	11,287	10,234	14,832	15,652	17,967	16,234	12,745	11,783	12,058	11,240	9,150	9,520

Table 5A-B3.3.1.2-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-185	683	90	-494	-306	-174	27	11	16	-289	-37	-77
20%	-49	-109	537	-585	-717	5	-81	6	8	-1,011	-92	91
30%	229	0	-32	240	-166	565	-76	89	21	-125	-222	96
40%	350	-375	25	993	3	3	24	20	-41	-379	-169	103
50%	154	206	38	121	-71	4	-401	0	192	-515	-459	-27
60%	242	46	-56	68	141	-39	485	-8	44	-288	-707	-908
70%	83	-83	22	89	163	43	372	-8	-29	272	1,154	221
80%	306	-169	257	-12	-437	12	456	34	75	68	650	-50
90%	174	8	368	-383	-127	-6	150	77	79	60	28	20

Table 5A-B3.3.1.2-D. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	169	45	0	51	-1	54	62	4	46	-224	-76	-146
Wet Water Years	131	24	50	42	1	33	-12	35	44	-166	-170	-65
Above Normal Water Years	340	290	-115	-21	-46	-194	-59	17	-32	-415	-404	-367
Below Normal Water Years	74	16	-89	12	-84	123	138	-51	74	-443	-211	-419
Dry Water Years	281	89	60	205	48	222	94	15	6	-62	360	87
Critical Water Years	127	-127	60	15	109	10	172	3	114	-25	118	31

Table 5A-B3.3.1.3-A. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	20,153	27,195	68,821	103,208	133,240	101,728	69,372	59,048	43,603	26,486	21,823	23,672
20%	18,433	18,039	41,699	68,277	82,412	68,417	46,173	39,033	29,588	24,650	21,188	22,818
30%	17,153	17,354	27,348	43,166	62,905	50,090	32,544	29,381	20,696	24,505	20,808	21,009
40%	15,950	17,131	20,426	32,852	49,185	39,518	30,031	25,373	18,850	24,083	19,960	19,362
50%	15,019	15,629	17,015	26,023	34,845	29,828	22,982	21,980	17,276	22,987	19,134	17,721
60%	12,437	14,000	15,736	22,624	26,784	26,106	19,773	18,211	16,718	22,059	17,983	13,668
70%	11,224	11,973	14,142	16,505	23,327	22,986	15,605	15,947	16,449	20,299	16,520	11,992
80%	10,330	10,067	12,715	14,887	19,460	18,988	14,502	14,932	15,743	18,352	12,557	11,185
90%	8,841	8,754	11,070	13,307	15,760	14,660	13,232	12,433	12,804	11,353	9,078	9,885

Table 5A-B3.3.1.3-B. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	15,063	17,271	29,787	45,063	56,104	47,966	33,249	28,808	23,216	21,938	17,635	16,954
Wet Water Years	17,681	23,461	53,604	86,404	104,555	87,657	60,397	47,299	35,081	26,959	21,605	22,900
Above Normal Water Years	15,044	16,202	23,307	50,790	60,071	52,695	31,678	34,091	25,914	24,456	21,130	20,758
Below Normal Water Years	14,759	16,268	21,508	24,541	32,684	29,381	22,136	20,874	17,653	22,583	18,669	15,587
Dry Water Years	13,871	13,980	14,356	17,221	27,782	23,355	16,762	15,988	16,438	19,083	13,549	11,335
Critical Water Years	11,309	10,259	14,950	15,636	18,054	16,191	12,730	11,778	11,965	11,271	9,173	9,522

Table 5A-B3.3.1.3-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-194	748	89	220	0	-161	29	12	20	-294	-81	57
20%	-51	-108	386	-574	-639	6	-170	6	10	-1,034	-113	28
30%	236	0	-8	-194	-172	491	-90	89	22	-125	-250	107
40%	259	4	-51	996	-13	5	26	25	7	-422	-187	110
50%	211	561	39	75	-47	3	-328	9	198	-623	-667	47
60%	241	61	-210	20	142	-48	488	-1	45	-288	-676	-1,075
70%	56	-81	23	90	159	45	464	-46	19	133	1,179	156
80%	391	-167	318	39	-441	25	499	35	-133	-96	534	-46
90%	169	8	346	-418	-71	-5	212	94	99	66	57	19

Table 5A-B3.3.1.3-D. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	173	73	1	47	33	47	70	6	56	-249	-99	-163
Wet Water Years	122	11	52	71	20	35	-19	23	68	-217	-197	-75
Above Normal Water Years	330	481	-95	-109	63	-197	-36	31	32	-464	-419	-243
Below Normal Water Years	83	22	-129	8	-84	113	155	-51	92	-453	-215	-489
Dry Water Years	297	110	1	218	55	231	123	42	34	-91	276	10
Critical Water Years	150	-103	177	-2	195	-34	157	-3	22	7	141	32

Table 5A-B3.3.1.4-A. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	20,242	26,895	68,845	103,435	133,242	102,153	69,389	59,064	43,627	26,566	22,027	23,682
20%	18,446	18,048	41,996	68,265	82,904	68,422	46,244	39,060	29,607	24,640	21,204	22,818
30%	17,143	17,354	27,222	43,174	63,030	50,068	32,596	29,397	20,706	24,277	20,803	20,999
40%	15,962	17,161	20,520	32,852	49,192	39,527	30,041	25,383	18,850	23,956	20,104	19,257
50%	14,985	15,644	17,068	26,033	34,596	29,839	23,351	21,992	17,289	23,061	19,688	17,759
60%	12,329	13,829	15,817	22,677	26,795	26,117	19,775	18,212	16,766	22,044	18,196	13,948
70%	11,235	11,974	14,144	16,505	23,191	22,997	15,615	15,940	16,453	20,065	15,979	11,989
80%	10,221	10,250	12,714	14,878	19,463	18,998	14,447	14,938	15,748	18,336	12,579	11,229
90%	8,844	8,759	11,036	13,243	16,218	14,659	13,271	12,447	12,819	11,184	9,055	9,889

Table 5A-B3.3.1.4-B. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	15,084	17,259	29,797	45,091	56,190	47,946	33,285	28,813	23,204	21,853	17,643	17,004
Wet Water Years	17,662	23,371	53,617	86,431	104,576	87,692	60,413	47,318	35,101	26,962	21,634	22,869
Above Normal Water Years	15,042	16,120	23,340	50,817	60,204	52,740	31,719	34,070	25,922	24,299	21,292	20,858
Below Normal Water Years	14,810	16,286	21,589	24,574	32,916	29,232	22,222	20,876	17,627	22,461	18,777	15,691
Dry Water Years	13,956	14,044	14,328	17,248	27,801	23,360	16,821	15,993	16,399	18,895	13,276	11,464
Critical Water Years	11,316	10,341	14,862	15,656	18,080	16,173	12,694	11,775	11,919	11,233	9,174	9,526

Table 5A-B3.3.1.4-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-105	448	113	446	2	264	47	28	43	-214	122	67
20%	-39	-100	683	-585	-147	12	-99	34	28	-1,044	-98	28
30%	226	0	-134	-186	-47	469	-38	105	31	-353	-255	97
40%	271	34	44	996	-6	14	36	34	7	-549	-43	6
50%	177	576	92	85	-296	13	41	21	210	-549	-113	85
60%	133	-109	-129	73	152	-37	490	-1	93	-303	-463	-796
70%	67	-80	25	90	23	57	474	-52	24	-101	637	153
80%	282	17	316	30	-437	35	444	41	-128	-112	556	-2
90%	172	13	312	-483	387	-6	250	108	114	-103	34	23

Table 5A-B3.3.1.4-D. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	194	61	10	75	118	27	105	10	44	-334	-90	-113
Wet Water Years	103	-80	65	98	40	70	-3	41	88	-215	-168	-106
Above Normal Water Years	327	399	-62	-83	196	-152	6	9	41	-620	-256	-143
Below Normal Water Years	134	40	-49	41	148	-36	241	-49	66	-575	-107	-384
Dry Water Years	382	173	-27	245	74	237	182	47	-5	-280	3	138
Critical Water Years	156	-20	90	18	221	-51	122	-6	-24	-31	142	36

Table 5A-B3.3.1.5-A. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	20,234	27,181	68,821	103,229	133,241	101,729	69,371	59,047	43,603	26,486	21,823	23,671
20%	18,431	17,679	41,700	68,514	82,404	68,416	46,175	39,033	29,588	24,650	21,185	22,818
30%	17,151	17,354	27,349	43,166	63,216	50,090	32,544	29,381	20,696	24,505	20,810	21,162
40%	15,948	17,130	20,427	32,852	49,185	39,518	30,031	25,373	18,850	24,083	19,960	19,362
50%	14,961	15,627	17,020	26,023	34,846	29,828	22,982	21,980	17,276	23,118	19,134	17,646
60%	12,437	13,998	15,736	22,624	26,784	26,106	19,779	18,213	16,719	22,103	17,983	13,668
70%	11,224	11,972	14,141	16,505	23,327	22,986	15,605	15,946	16,449	20,300	16,520	11,992
80%	10,335	9,924	12,716	14,886	19,441	18,989	14,501	14,932	15,743	18,353	12,557	11,184
90%	8,846	8,754	11,070	13,308	15,761	14,661	13,232	12,433	12,804	11,350	9,078	9,885

Table 5A-B3.3.1.5-B. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	15,038	17,257	29,777	45,070	56,110	47,967	33,249	28,808	23,216	21,953	17,642	16,961
Wet Water Years	17,673	23,461	53,590	86,416	104,573	87,658	60,397	47,299	35,081	26,961	21,605	22,899
Above Normal Water Years	15,045	16,199	23,307	50,792	60,068	52,694	31,678	34,091	25,914	24,428	21,130	20,831
Below Normal Water Years	14,733	16,209	21,506	24,540	32,699	29,381	22,135	20,873	17,653	22,658	18,681	15,574
Dry Water Years	13,871	13,981	14,355	17,243	27,834	23,355	16,762	15,988	16,439	19,088	13,579	11,340
Critical Water Years	11,198	10,261	14,921	15,634	17,976	16,198	12,729	11,778	11,966	11,268	9,170	9,521

Table 5A-B3.3.1.5-C. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-113	734	89	240	1	-161	28	12	20	-295	-82	57
20%	-54	-468	388	-336	-647	6	-167	6	10	-1,034	-116	28
30%	235	0	-7	-194	139	491	-90	89	21	-125	-248	260
40%	257	3	-50	996	-13	5	26	25	7	-422	-187	111
50%	153	559	44	76	-45	2	-328	9	198	-492	-667	-27
60%	241	60	-210	20	141	-48	494	0	46	-243	-675	-1,075
70%	56	-82	22	90	159	45	464	-46	19	133	1,179	156
80%	395	-310	319	39	-459	27	499	35	-133	-95	534	-46
90%	173	8	346	-418	-70	-5	212	94	99	64	57	19

Table 5A-B3.3.1.5-D. Delta Inflow (as defined in D-1641) Monthly Flow (DeltaInflowforNDOI), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	148	60	-9	55	39	48	70	6	57	-234	-92	-156
Wet Water Years	114	10	37	83	37	36	-19	23	68	-215	-198	-76
Above Normal Water Years	331	478	-95	-107	59	-198	-36	30	32	-491	-419	-170
Below Normal Water Years	57	-37	-132	7	-69	113	155	-51	91	-378	-203	-501
Dry Water Years	296	111	0	240	107	231	123	42	35	-87	306	15
Critical Water Years	38	-101	149	-3	117	-26	157	-3	23	4	138	32

B.3.2 Delta Channel Depletion (determined using DWR's Dayflow methodology)

Figure 5A-B3.3.2.1-A. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Probability of Exceedance for Existing Condition, October to March

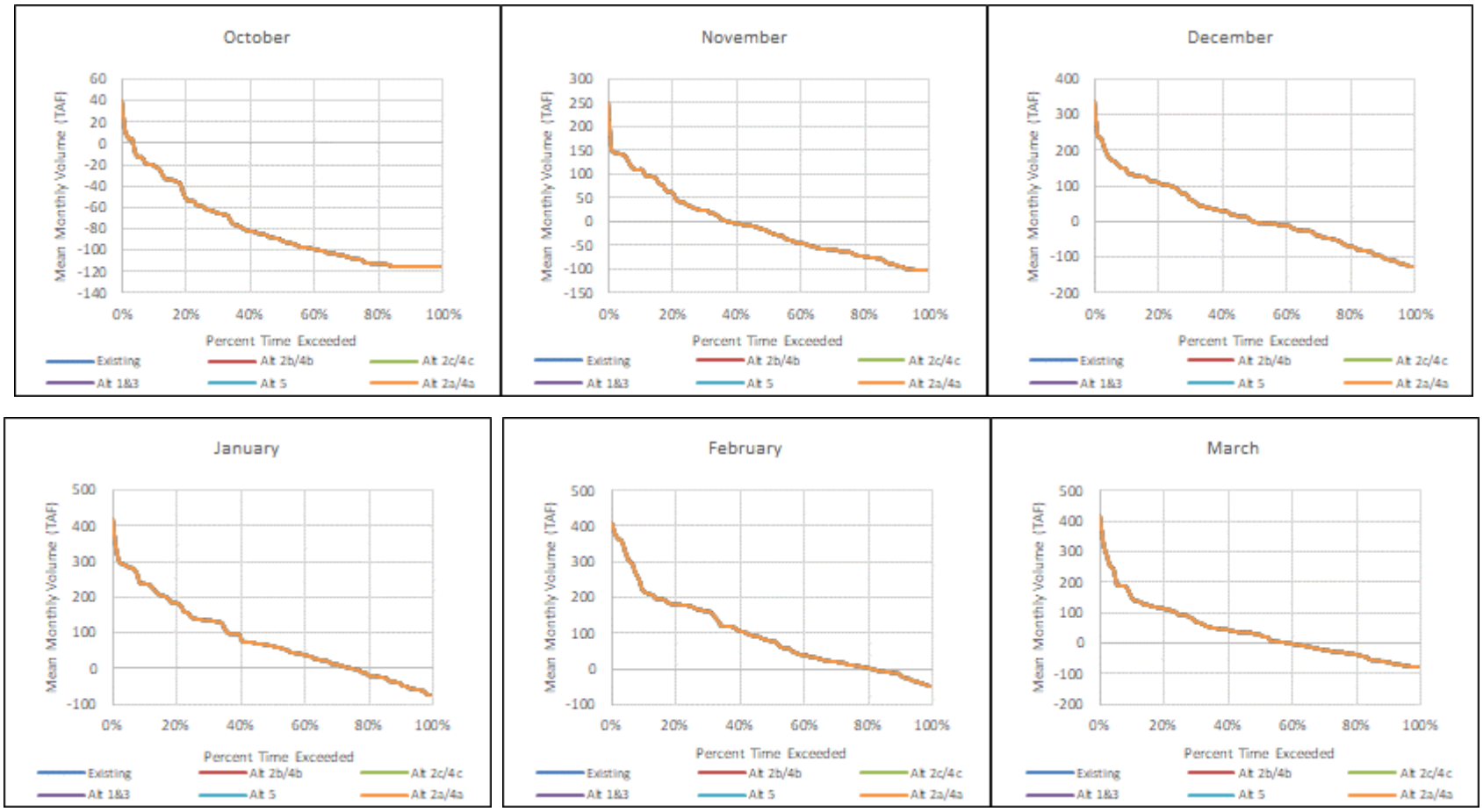


Figure 5A-B3.3.2.1-B. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Probability of Exceedance for Existing Condition, April to September

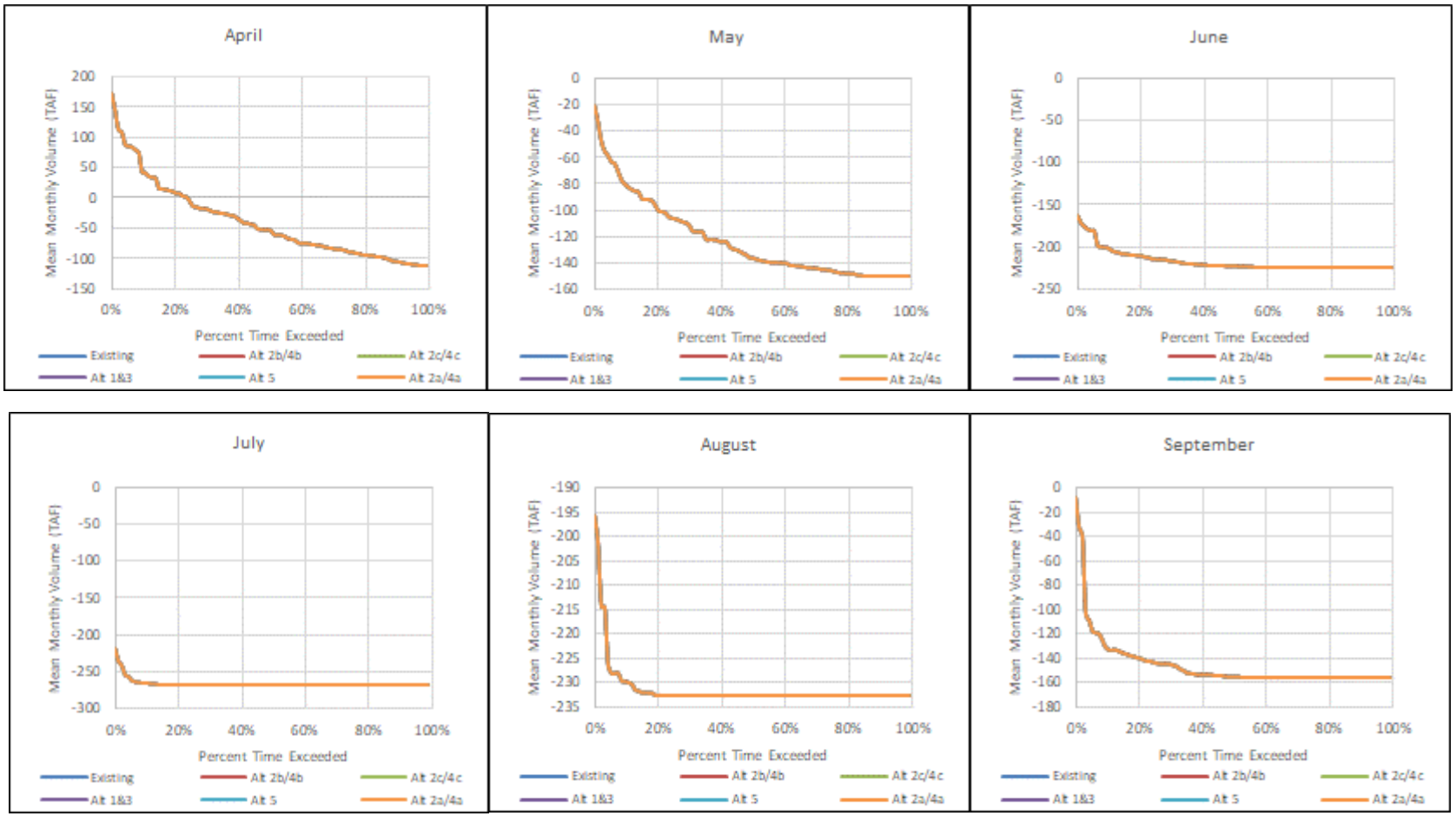


Table 5A-B3.3.2.1-A. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Exceedance Probabilities for Monthly Volume (thousand acre-feet), Existing Condition

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-B3.3.2.1-B. Delta Channel Depletion (Dayflow) Monthly Flow (DeltaChanDepDayflow), Monthly Volume (thousand acre-feet), Existing Condition

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	-73	31	72	153	127	83	-4	-117	-216	-266	-232	-144
Above Normal Water Years	-69	-10	31	96	118	42	-51	-120	-210	-264	-229	-154
Below Normal Water Years	-84	-15	3	38	73	35	-47	-131	-217	-265	-232	-137
Dry Water Years	-81	-27	-35	65	101	9	-53	-122	-217	-267	-232	-150
Critical Water Years	-84	-44	-15	17	64	-2	-73	-121	-214	-267	-230	-150

B.3.3 Delta Channel Depletion (determined using DWR's Delta Channel Depletion model)

Figure 5A-B3.3.3.1-A. Delta Channel Depletion Monthly Flow (DelChanDep), Probability of Exceedance for Existing Condition, October to March

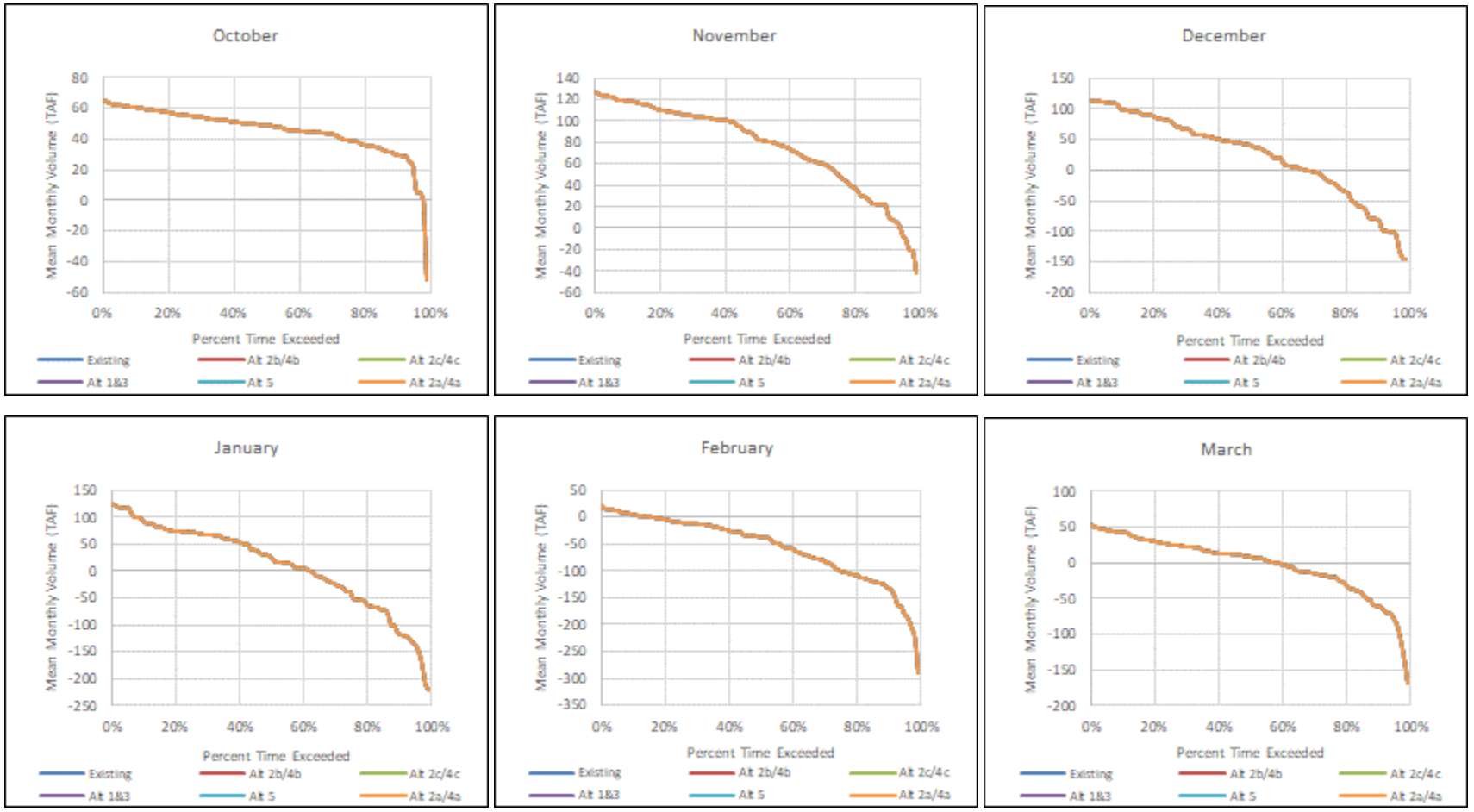


Figure 5A-B3.3.3.1-B. Delta Channel Depletion Monthly Flow (DelChanDep), Probability of Exceedance for Existing Condition, April to September

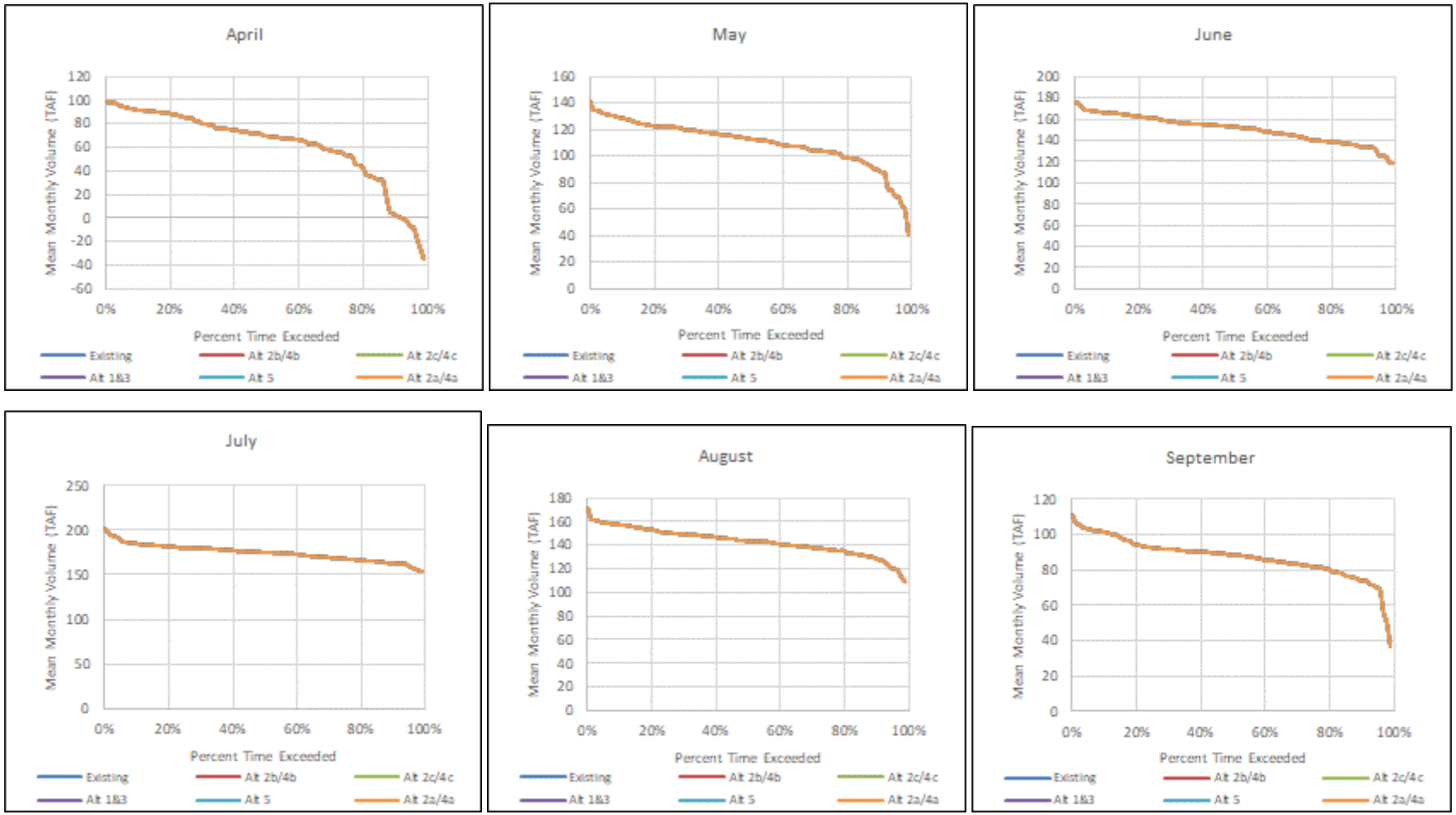


Table 5A-B3.3.3.1-A. Delta Channel Depletion Monthly Flow (DelChanDep), Exceedance Probabilities for Monthly Volume (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60	119	98	94	4	42	92	129	166	185	157	101
20%	57	111	88	74	-5	29	89	123	162	182	153	94
30%	55	105	67	68	-14	22	80	120	158	180	149	91
40%	51	101	50	55	-25	12	75	117	155	178	147	90
50%	49	85	41	26	-38	8	70	113	153	175	143	88
60%	45	75	19	5	-59	-3	67	109	148	173	141	85
70%	43	60	-3	-23	-81	-15	58	104	144	170	138	83
80%	36	39	-34	-59	-108	-30	44	99	139	166	136	80
90%	30	22	-80	-112	-131	-61	4	90	134	163	130	74

Table 5A-B3.3.3.1-B. Delta Channel Depletion Monthly Flow (DelChanDep), Monthly Volume (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	46	76	23	10	-57	-3	62	110	150	175	143	87
Wet Water Years	42	58	-10	-42	-75	-25	43	110	149	173	141	84
Above Normal Water Years	42	70	10	-14	-79	-3	66	114	151	176	137	86
Below Normal Water Years	48	77	33	41	-40	3	70	110	155	175	142	81
Dry Water Years	47	90	60	33	-57	12	68	110	152	174	149	93
Critical Water Years	50	102	47	69	-29	17	80	109	145	178	148	95

Table 5A-B3.3.3.1-C. Delta Channel Depletion Monthly Flow (DelChanDep), Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60	119	98	94	4	42	92	129	166	185	157	101
20%	57	111	88	74	-5	29	89	123	162	182	153	94
30%	55	105	67	68	-14	22	80	120	158	180	149	91
40%	51	101	50	55	-25	12	75	117	155	178	147	90
50%	49	85	41	26	-38	8	70	113	153	175	143	88
60%	45	75	19	5	-59	-3	67	109	148	173	141	85
70%	43	60	-3	-23	-81	-15	58	104	144	170	138	83
80%	36	39	-34	-59	-108	-30	44	99	139	166	136	80
90%	30	22	-80	-112	-131	-61	4	90	134	163	130	74

Table 5A-B3.3.3.1-D. Delta Channel Depletion Monthly Flow (DelChanDep), Monthly Volume (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	46	76	23	10	-57	-3	62	110	150	175	143	87
Wet Water Years	42	58	-10	-42	-75	-25	43	110	149	173	141	84
Above Normal Water Years	42	70	10	-14	-79	-3	66	114	151	176	137	86
Below Normal Water Years	48	77	33	41	-40	3	70	110	155	175	142	81
Dry Water Years	47	90	60	33	-57	12	68	110	152	174	149	93
Critical Water Years	50	102	47	69	-29	17	80	109	145	178	148	95

Table 5A-B3.3.3.1-E. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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-B3.3.3.1-F. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Monthly Volume (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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-B3.3.3.2-A. Delta Channel Depletion Monthly Flow (DelChanDep), Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60	119	98	94	4	42	92	129	166	185	157	101
20%	57	111	88	74	-5	29	89	123	162	182	153	94
30%	55	105	67	68	-14	22	80	120	158	180	149	91
40%	51	101	50	55	-25	12	75	117	155	178	147	90
50%	49	85	41	26	-38	8	70	113	153	175	143	88
60%	45	75	19	5	-59	-3	67	109	148	173	141	85
70%	43	60	-3	-23	-81	-15	58	104	144	170	138	83
80%	36	39	-34	-59	-108	-30	44	99	139	166	136	80
90%	30	22	-80	-112	-131	-61	4	90	134	163	130	74

Table 5A-B3.3.3.2-B. Delta Channel Depletion Monthly Flow (DelChanDep), Monthly Volume (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	46	76	23	10	-57	-3	62	110	150	175	143	87
Wet Water Years	42	58	-10	-42	-75	-25	43	110	149	173	141	84
Above Normal Water Years	42	70	10	-14	-79	-3	66	114	151	176	137	86
Below Normal Water Years	48	77	33	41	-40	3	70	110	155	175	142	81
Dry Water Years	47	90	60	33	-57	12	68	110	152	174	149	93
Critical Water Years	50	102	47	69	-29	17	80	109	145	178	148	95

Table 5A-B3.3.3.2-C. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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-B3.3.3.2-D. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Monthly Volume (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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-B3.3.3.3-A. Delta Channel Depletion Monthly Flow (DelChanDep), Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60	119	98	94	4	42	92	129	166	185	157	101
20%	57	111	88	74	-5	29	89	123	162	182	153	94
30%	55	105	67	68	-14	22	80	120	158	180	149	91
40%	51	101	50	55	-25	12	75	117	155	178	147	90
50%	49	85	41	26	-38	8	70	113	153	175	143	88
60%	45	75	19	5	-59	-3	67	109	148	173	141	85
70%	43	60	-3	-23	-81	-15	58	104	144	170	138	83
80%	36	39	-34	-59	-108	-30	44	99	139	166	136	80
90%	30	22	-80	-112	-131	-61	4	90	134	163	130	74

Table 5A-B3.3.3.3-B. Delta Channel Depletion Monthly Flow (DelChanDep), Monthly Volume (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	46	76	23	10	-57	-3	62	110	150	175	143	87
Wet Water Years	42	58	-10	-42	-75	-25	43	110	149	173	141	84
Above Normal Water Years	42	70	10	-14	-79	-3	66	114	151	176	137	86
Below Normal Water Years	48	77	33	41	-40	3	70	110	155	175	142	81
Dry Water Years	47	90	60	33	-57	12	68	110	152	174	149	93
Critical Water Years	50	102	47	69	-29	17	80	109	145	178	148	95

Table 5A-B3.3.3.3-C. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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-B3.3.3.3-D. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Monthly Volume (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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-B3.3.3.4-A. Delta Channel Depletion Monthly Flow (DelChanDep), Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60	119	98	94	4	42	92	129	166	185	157	101
20%	57	111	88	74	-5	29	89	123	162	182	153	94
30%	55	105	67	68	-14	22	80	120	158	180	149	91
40%	51	101	50	55	-25	12	75	117	155	178	147	90
50%	49	85	41	26	-38	8	70	113	153	175	143	88
60%	45	75	19	5	-59	-3	67	109	148	173	141	85
70%	43	60	-3	-23	-81	-15	58	104	144	170	138	83
80%	36	39	-34	-59	-108	-30	44	99	139	166	136	80
90%	30	22	-80	-112	-131	-61	4	90	134	163	130	74

Table 5A-B3.3.3.4-B. Delta Channel Depletion Monthly Flow (DelChanDep), Monthly Volume (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	46	76	23	10	-57	-3	62	110	150	175	143	87
Wet Water Years	42	58	-10	-42	-75	-25	43	110	149	173	141	84
Above Normal Water Years	42	70	10	-14	-79	-3	66	114	151	176	137	86
Below Normal Water Years	48	77	33	41	-40	3	70	110	155	175	142	81
Dry Water Years	47	90	60	33	-57	12	68	110	152	174	149	93
Critical Water Years	50	102	47	69	-29	17	80	109	145	178	148	95

Table 5A-B3.3.3.4-C. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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-B3.3.3.4-D. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Monthly Volume (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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-B3.3.3.5-A. Delta Channel Depletion Monthly Flow (DelChanDep), Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60	119	98	94	4	42	92	129	166	185	157	101
20%	57	111	88	74	-5	29	89	123	162	182	153	94
30%	55	105	67	68	-14	22	80	120	158	180	149	91
40%	51	101	50	55	-25	12	75	117	155	178	147	90
50%	49	85	41	26	-38	8	70	113	153	175	143	88
60%	45	75	19	5	-59	-3	67	109	148	173	141	85
70%	43	60	-3	-23	-81	-15	58	104	144	170	138	83
80%	36	39	-34	-59	-108	-30	44	99	139	166	136	80
90%	30	22	-80	-112	-131	-61	4	90	134	163	130	74

Table 5A-B3.3.3.5-B. Delta Channel Depletion Monthly Flow (DelChanDep), Monthly Volume (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	46	76	23	10	-57	-3	62	110	150	175	143	87
Wet Water Years	42	58	-10	-42	-75	-25	43	110	149	173	141	84
Above Normal Water Years	42	70	10	-14	-79	-3	66	114	151	176	137	86
Below Normal Water Years	48	77	33	41	-40	3	70	110	155	175	142	81
Dry Water Years	47	90	60	33	-57	12	68	110	152	174	149	93
Critical Water Years	50	102	47	69	-29	17	80	109	145	178	148	95

Table 5A-B3.3.3.5-C. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Exceedance Probabilities for Monthly Volume (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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-B3.3.3.5-D. Delta Channel Depletion Monthly Flow (DelChanDep), Difference in Monthly Volume (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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-B3.3.4.1-A. Net Delta Outflow Index Monthly Flow (NDOI), Probability of Exceedance for Existing Condition, October to March

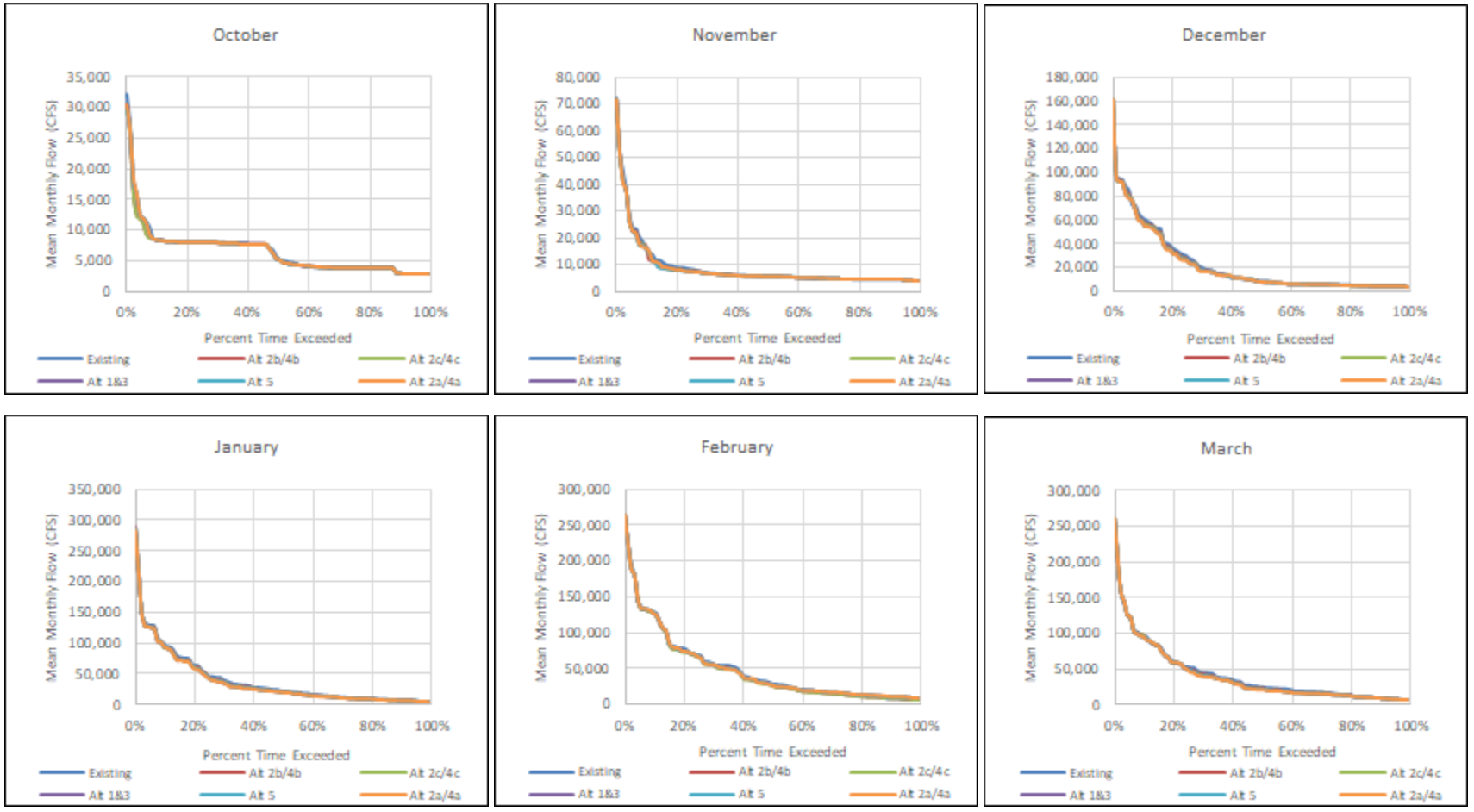


Figure 5A-B3.3.4.1-B. Net Delta Outflow Index Monthly Flow (NDOI), Probability of Exceedance for Existing Condition, April to September

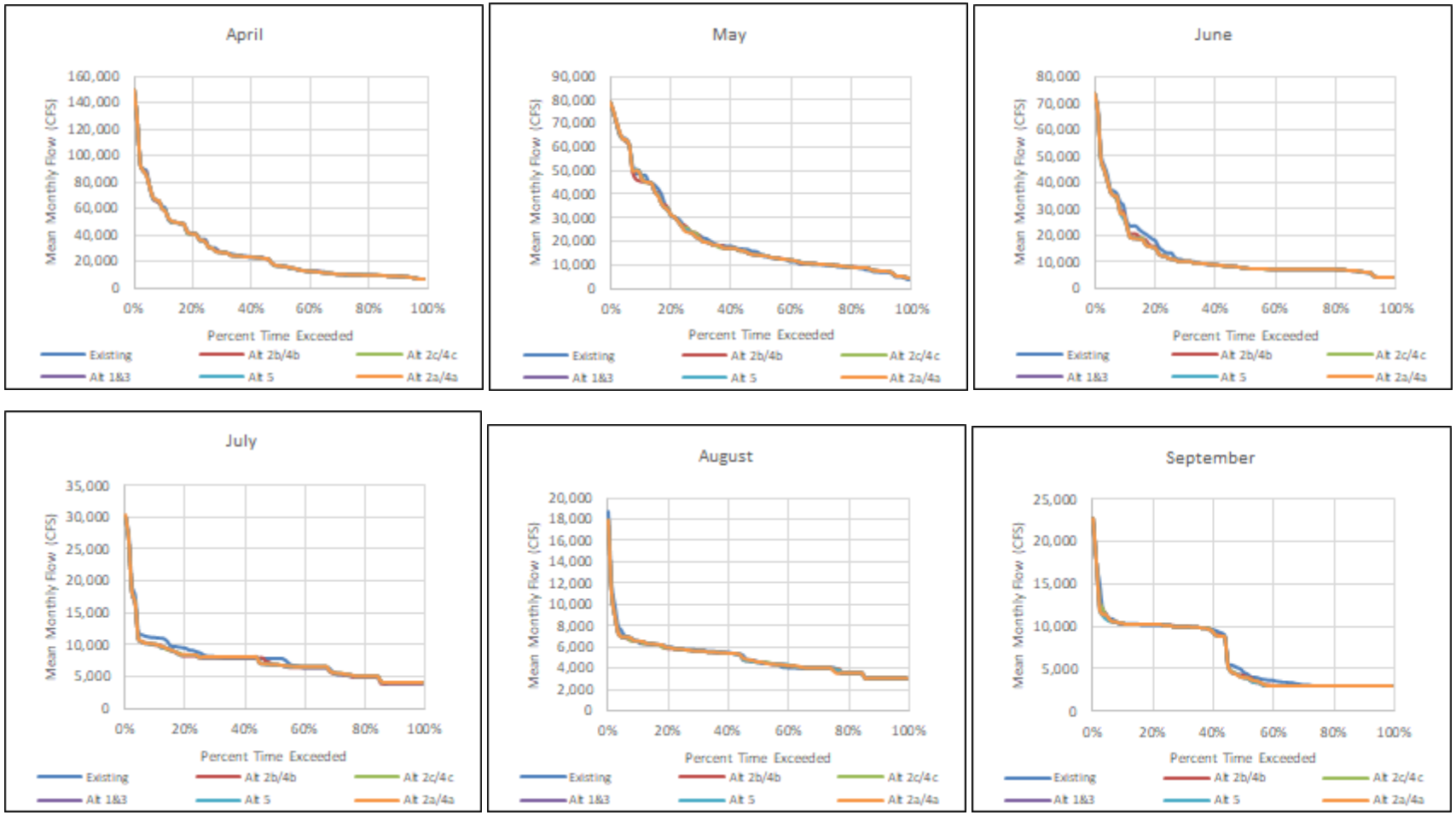


Table 5A-B3.3.4.1-A. Net Delta Outflow Index Monthly Flow (NDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,532	15,820	61,525	96,445	128,081	96,675	61,537	48,571	29,412	11,252	6,413	10,313
20%	8,125	8,992	36,886	63,857	78,423	60,936	41,250	32,339	18,070	9,608	5,955	10,156
30%	8,125	6,846	20,240	39,700	56,830	45,151	27,433	22,744	10,150	8,286	5,645	10,000
40%	7,938	6,041	11,981	27,627	42,083	35,778	24,049	18,193	8,734	8,000	5,412	9,639
50%	5,612	5,648	8,900	21,864	29,971	24,997	17,047	15,142	7,463	8,000	4,591	4,763
60%	4,224	5,198	6,370	15,954	21,766	21,191	13,236	11,908	7,104	6,518	4,007	3,657
70%	4,000	4,851	5,806	11,070	17,473	18,427	10,467	10,354	7,100	5,797	4,000	3,154
80%	4,000	4,500	5,355	9,199	14,167	14,501	9,927	9,151	6,992	5,000	3,500	3,000
90%	3,038	4,500	4,545	7,249	9,570	9,735	8,965	7,281	5,940	4,000	3,000	3,000

Table 5A-B3.3.4.1-B. Net Delta Outflow Index Monthly Flow (NDOI), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,721	9,110	22,658	39,723	50,406	42,612	27,749	21,902	13,223	7,964	5,011	6,717
Wet Water Years	8,484	14,591	46,632	80,925	97,787	81,319	52,940	38,361	22,947	11,013	6,649	10,912
Above Normal Water Years	6,615	6,491	15,848	45,744	55,059	47,412	26,239	26,655	15,195	9,348	6,217	10,260
Below Normal Water Years	6,485	7,568	13,863	19,146	26,999	24,415	17,254	14,770	7,893	7,514	4,207	4,009
Dry Water Years	5,660	6,238	6,761	11,987	23,145	18,407	12,508	10,361	7,185	5,264	3,902	3,166
Critical Water Years	4,616	5,320	9,113	10,304	12,823	11,813	8,972	6,954	5,973	4,035	3,000	3,005

Table 5A-B3.3.4.1-C. Net Delta Outflow Index Monthly Flow (NDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,438	15,650	59,319	93,216	126,391	96,407	59,947	45,569	27,137	10,020	6,469	10,313
20%	8,125	8,182	34,516	61,631	75,252	59,374	41,694	32,346	15,566	8,325	5,810	10,313
30%	7,984	6,664	18,546	36,121	56,730	43,134	27,466	21,940	10,019	8,000	5,556	10,000
40%	7,813	5,951	12,541	27,588	40,415	33,421	23,720	17,149	8,827	8,000	5,376	9,438
50%	5,396	5,573	7,965	20,579	28,374	23,141	17,204	14,039	7,566	6,923	4,546	4,272
60%	4,201	5,147	6,206	14,577	19,599	18,184	13,061	11,939	7,122	6,500	4,206	3,082
70%	4,000	4,754	5,833	10,756	16,319	16,357	10,693	10,148	7,100	5,552	4,000	3,000
80%	4,000	4,500	5,070	8,631	12,306	13,275	10,066	9,199	6,997	5,000	3,500	3,000
90%	3,163	4,500	4,504	6,557	9,730	9,798	9,337	7,379	5,969	4,000	3,000	3,000

Table 5A-B3.3.4.1-D. Net Delta Outflow Index Monthly Flow (NDOI), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,596	8,733	21,995	38,333	48,982	41,150	27,662	21,311	12,637	7,563	4,953	6,578
Wet Water Years	8,197	13,919	45,392	79,116	96,546	80,151	52,727	37,181	21,730	10,608	6,449	10,839
Above Normal Water Years	6,719	6,051	15,320	43,252	52,335	44,759	25,746	25,401	13,910	8,661	6,216	10,306
Below Normal Water Years	6,340	7,285	13,165	17,852	25,495	22,215	17,383	14,509	7,731	6,798	4,212	3,609
Dry Water Years	5,665	6,023	6,738	11,461	21,672	17,345	12,511	10,375	7,208	5,202	3,926	3,006
Critical Water Years	4,527	5,288	8,896	9,620	12,302	11,442	9,060	6,986	5,973	4,000	3,000	3,000

Table 5A-B3.3.4.1-E. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-95	-170	-2,207	-3,229	-1,690	-268	-1,590	-3,003	-2,275	-1,232	55	0
20%	0	-810	-2,371	-2,226	-3,171	-1,562	443	7	-2,504	-1,283	-146	156
30%	-141	-182	-1,694	-3,579	-100	-2,016	33	-803	-131	-286	-89	0
40%	-125	-90	560	-38	-1,668	-2,357	-329	-1,044	93	0	-36	-201
50%	-217	-75	-935	-1,286	-1,596	-1,856	157	-1,103	103	-1,077	-45	-491
60%	-23	-51	-163	-1,377	-2,167	-3,007	-175	31	17	-18	199	-575
70%	0	-96	28	-314	-1,154	-2,069	226	-206	0	-245	0	-154
80%	0	0	-284	-569	-1,861	-1,226	139	49	5	0	0	0
90%	125	0	-40	-692	159	64	372	98	29	0	0	0

Table 5A-B3.3.4.1-F. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-125	-378	-663	-1,390	-1,424	-1,462	-87	-590	-587	-400	-59	-139
Wet Water Years	-287	-671	-1,240	-1,809	-1,241	-1,168	-213	-1,180	-1,217	-405	-200	-74
Above Normal Water Years	104	-440	-528	-2,492	-2,724	-2,653	-493	-1,254	-1,285	-687	-1	46
Below Normal Water Years	-145	-283	-698	-1,294	-1,504	-2,200	129	-260	-162	-716	5	-401
Dry Water Years	5	-214	-23	-526	-1,474	-1,061	2	14	23	-63	24	-160
Critical Water Years	-89	-32	-218	-684	-521	-371	88	32	0	-35	0	-5

Table 5A-B3.3.4.2-A. Net Delta Outflow Index Monthly Flow (NDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,547	16,112	58,475	92,540	127,054	96,221	59,951	48,990	26,742	10,005	6,478	10,422
20%	8,125	7,975	33,679	60,806	73,866	59,585	41,215	32,292	15,168	8,325	5,863	10,313
30%	8,125	6,664	18,239	36,161	55,795	41,696	27,335	21,264	10,024	8,000	5,556	10,000
40%	7,813	5,877	12,923	26,609	39,710	32,636	23,728	16,877	8,827	8,000	5,369	9,438
50%	5,412	5,565	8,121	20,345	27,327	22,392	17,181	14,048	7,566	6,831	4,530	4,040
60%	4,370	5,069	6,247	13,934	19,498	17,488	13,072	12,080	7,104	6,500	4,174	3,004
70%	4,000	4,749	5,861	10,537	16,043	15,911	10,702	10,159	7,100	5,552	4,000	3,000
80%	4,000	4,504	4,985	8,630	12,251	13,124	10,203	9,069	7,010	5,000	3,500	3,000
90%	3,165	4,500	4,504	6,552	9,729	9,808	9,407	7,367	6,018	4,000	3,000	3,000

Table 5A-B3.3.4.2-B. Net Delta Outflow Index Monthly Flow (NDOI), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,603	8,681	21,731	37,872	48,606	40,829	27,634	21,357	12,549	7,517	4,955	6,568
Wet Water Years	8,188	14,003	44,735	78,392	96,271	80,132	52,634	37,272	21,650	10,606	6,455	10,830
Above Normal Water Years	6,695	6,088	15,068	42,597	51,479	43,873	25,637	25,632	13,428	8,542	6,240	10,319
Below Normal Water Years	6,354	7,029	13,031	17,493	25,048	21,637	17,387	14,472	7,726	6,653	4,202	3,561
Dry Water Years	5,702	5,930	6,819	11,221	21,281	17,034	12,584	10,342	7,208	5,210	3,927	3,020
Critical Water Years	4,546	5,239	8,862	9,479	12,253	11,352	9,077	6,997	5,973	4,014	3,000	3,000

Table 5A-B3.3.4.2-C. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	14	293	-3,050	-3,905	-1,027	-454	-1,586	419	-2,670	-1,247	65	109
20%	0	-1,017	-3,207	-3,051	-4,557	-1,351	-36	-48	-2,902	-1,283	-93	156
30%	0	-182	-2,001	-3,539	-1,035	-3,455	-98	-1,480	-127	-286	-89	0
40%	-125	-164	942	-1,018	-2,373	-3,142	-321	-1,315	93	0	-43	-201
50%	-200	-83	-779	-1,519	-2,644	-2,605	134	-1,094	103	-1,169	-61	-723
60%	146	-129	-123	-2,020	-2,268	-3,702	-164	173	0	-18	168	-653
70%	0	-101	56	-533	-1,430	-2,516	235	-195	0	-245	0	-154
80%	0	4	-369	-570	-1,916	-1,377	276	-82	19	0	0	0
90%	128	0	-40	-698	158	73	442	87	78	0	0	0

Table 5A-B3.3.4.2-D. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-118	-429	-927	-1,851	-1,800	-1,783	-115	-545	-675	-447	-56	-149
Wet Water Years	-296	-587	-1,897	-2,533	-1,516	-1,187	-306	-1,089	-1,297	-407	-194	-82
Above Normal Water Years	80	-403	-780	-3,147	-3,580	-3,539	-602	-1,023	-1,767	-805	23	59
Below Normal Water Years	-131	-539	-832	-1,653	-1,951	-2,778	132	-298	-167	-861	-4	-449
Dry Water Years	42	-307	58	-766	-1,864	-1,373	75	-19	23	-54	25	-146
Critical Water Years	-70	-81	-251	-825	-570	-461	106	43	0	-21	0	-5

Table 5A-B3.3.4.3-A. Net Delta Outflow Index Monthly Flow (NDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,547	16,054	57,811	93,641	126,008	94,433	59,954	48,785	26,743	10,006	6,528	10,422
20%	8,125	7,926	32,945	59,872	73,232	59,808	41,182	32,065	15,169	8,325	5,933	10,313
30%	8,125	6,664	17,993	34,911	54,730	41,016	27,336	21,101	9,937	8,000	5,556	10,000
40%	7,813	5,830	12,066	26,100	39,491	31,983	23,729	16,912	8,827	8,000	5,369	9,438
50%	5,408	5,591	8,123	19,771	26,550	21,990	17,173	14,035	7,565	6,800	4,532	4,040
60%	4,354	5,077	6,320	14,258	19,160	17,409	13,082	12,061	7,122	6,500	4,233	3,013
70%	4,000	4,750	5,838	10,401	15,893	15,648	10,964	10,177	7,100	5,551	4,000	3,000
80%	4,000	4,504	5,021	8,633	12,230	13,006	10,160	9,062	7,067	5,000	3,500	3,000
90%	3,164	4,500	4,500	6,543	9,739	9,801	9,423	7,288	6,065	4,000	3,000	3,000

Table 5A-B3.3.4.3-B. Net Delta Outflow Index Monthly Flow (NDOI), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,713	8,676	21,522	37,556	48,389	40,660	27,648	21,326	12,553	7,512	4,967	6,540
Wet Water Years	8,530	13,994	44,317	77,880	96,062	80,124	52,645	37,188	21,673	10,605	6,500	10,772
Above Normal Water Years	6,698	6,131	14,770	41,994	51,294	43,760	25,632	25,496	13,339	8,540	6,240	10,319
Below Normal Water Years	6,353	6,994	12,922	17,285	24,728	21,317	17,406	14,473	7,740	6,633	4,209	3,532
Dry Water Years	5,702	5,929	6,811	11,159	20,970	16,641	12,612	10,425	7,239	5,209	3,901	3,006
Critical Water Years	4,552	5,243	8,791	9,366	12,260	11,282	9,092	6,991	5,973	4,014	3,000	3,000

Table 5A-B3.3.4.3-C. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	14	234	-3,715	-2,804	-2,072	-2,243	-1,583	214	-2,669	-1,245	115	109
20%	0	-1,066	-3,942	-3,985	-5,190	-1,128	-68	-275	-2,901	-1,283	-22	156
30%	0	-182	-2,247	-4,789	-2,099	-4,135	-97	-1,643	-213	-286	-89	0
40%	-125	-211	85	-1,527	-2,592	-3,794	-320	-1,281	93	0	-43	-201
50%	-204	-57	-778	-2,093	-3,421	-3,006	126	-1,107	102	-1,200	-59	-723
60%	130	-121	-50	-1,696	-2,606	-3,781	-155	153	17	-18	226	-644
70%	0	-100	33	-669	-1,579	-2,779	498	-176	0	-245	0	-154
80%	0	4	-334	-566	-1,936	-1,496	233	-89	76	0	0	0
90%	126	0	-45	-706	168	66	457	8	126	0	0	0

Table 5A-B3.3.4.3-D. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-8	-435	-1,136	-2,166	-2,017	-1,952	-100	-575	-670	-452	-45	-177
Wet Water Years	45	-596	-2,315	-3,045	-1,725	-1,195	-295	-1,173	-1,274	-408	-150	-140
Above Normal Water Years	83	-360	-1,077	-3,750	-3,766	-3,652	-607	-1,158	-1,856	-808	23	59
Below Normal Water Years	-133	-574	-941	-1,861	-2,271	-3,098	152	-297	-153	-882	2	-477
Dry Water Years	42	-309	49	-827	-2,175	-1,766	104	64	53	-55	-1	-160
Critical Water Years	-64	-77	-323	-938	-563	-531	120	37	0	-21	0	-5

Table 5A-B3.3.4.4-A. Net Delta Outflow Index Monthly Flow (NDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,547	15,828	57,621	93,795	125,377	94,313	59,733	48,500	26,759	9,986	6,533	10,422
20%	8,125	7,939	32,710	58,923	73,286	59,904	41,219	31,965	15,181	8,325	5,933	10,313
30%	8,125	6,664	16,948	35,032	54,446	40,073	27,345	21,110	9,938	8,000	5,556	10,000
40%	7,813	5,915	12,982	25,131	39,091	31,322	23,828	16,921	8,827	8,000	5,378	9,438
50%	5,438	5,551	8,130	19,515	25,871	21,455	17,166	13,986	7,565	6,825	4,564	4,040
60%	4,357	5,118	6,231	14,248	18,865	17,429	13,076	12,057	7,122	6,500	4,230	3,006
70%	4,000	4,764	5,824	10,494	15,833	15,633	10,976	10,236	7,100	5,551	4,000	3,000
80%	4,000	4,509	5,022	8,772	12,222	13,011	10,160	9,067	7,071	5,000	3,500	3,000
90%	3,167	4,500	4,500	6,645	10,106	9,805	9,416	7,303	6,081	4,000	3,000	3,000

Table 5A-B3.3.4.4-B. Net Delta Outflow Index Monthly Flow (NDOI), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,719	8,686	21,407	37,393	48,337	40,517	27,673	21,295	12,555	7,512	4,971	6,549
Wet Water Years	8,551	13,930	44,105	77,683	96,056	80,175	52,644	37,183	21,680	10,600	6,503	10,780
Above Normal Water Years	6,697	6,104	14,799	41,618	51,250	43,461	25,667	25,317	13,345	8,541	6,240	10,319
Below Normal Water Years	6,351	7,136	12,839	17,119	24,663	21,040	17,448	14,448	7,738	6,640	4,250	3,555
Dry Water Years	5,710	5,917	6,726	11,120	20,814	16,354	12,678	10,424	7,234	5,210	3,861	3,014
Critical Water Years	4,546	5,261	8,677	9,321	12,244	11,235	9,088	6,986	5,973	4,014	3,000	3,000

Table 5A-B3.3.4.4-C. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	14	9	-3,904	-2,650	-2,703	-2,362	-1,804	-72	-2,653	-1,265	119	109
20%	0	-1,053	-4,177	-4,934	-5,137	-1,032	-31	-374	-2,889	-1,283	-22	156
30%	0	-182	-3,292	-4,668	-2,384	-5,078	-88	-1,633	-212	-286	-89	0
40%	-125	-126	1,001	-2,496	-2,992	-4,456	-221	-1,271	93	0	-34	-201
50%	-174	-98	-770	-2,349	-4,099	-3,542	119	-1,156	102	-1,175	-27	-723
60%	133	-80	-139	-1,706	-2,901	-3,762	-161	150	18	-18	223	-652
70%	0	-87	19	-576	-1,640	-2,794	510	-118	0	-245	0	-154
80%	0	9	-333	-428	-1,945	-1,490	233	-84	80	0	0	0
90%	130	0	-45	-604	536	70	451	23	142	0	0	0

Table 5A-B3.3.4.4-D. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-2	-424	-1,251	-2,330	-2,069	-2,095	-76	-606	-669	-452	-41	-168
Wet Water Years	66	-660	-2,527	-3,242	-1,731	-1,144	-296	-1,178	-1,267	-413	-146	-133
Above Normal Water Years	82	-386	-1,048	-4,126	-3,809	-3,951	-572	-1,337	-1,850	-806	23	59
Below Normal Water Years	-134	-432	-1,024	-2,027	-2,336	-3,375	194	-321	-156	-874	43	-454
Dry Water Years	50	-320	-36	-867	-2,331	-2,053	170	62	49	-54	-41	-153
Critical Water Years	-70	-59	-436	-983	-579	-578	116	32	0	-21	0	-5

Table 5A-B3.3.4.5-A. Net Delta Outflow Index Monthly Flow (NDOI), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8,547	15,476	57,801	93,672	125,975	94,432	59,960	48,783	25,567	10,006	6,528	10,422
20%	8,125	7,926	32,946	60,170	73,232	59,808	41,181	31,813	15,169	8,325	5,933	10,313
30%	8,125	6,664	17,994	34,910	54,764	40,951	27,336	21,101	9,937	8,000	5,556	10,000
40%	7,813	5,830	12,030	26,098	39,491	31,983	23,729	16,914	8,827	8,000	5,369	9,438
50%	5,408	5,589	8,121	19,771	26,549	21,990	17,173	14,035	7,565	6,800	4,532	4,031
60%	4,246	5,157	6,319	14,262	19,160	17,409	13,089	12,062	7,122	6,500	4,291	3,013
70%	4,000	4,750	5,841	10,401	15,891	15,648	10,964	10,177	7,100	5,551	4,000	3,000
80%	4,000	4,504	5,021	8,633	12,230	13,006	10,160	9,062	7,067	5,000	3,500	3,000
90%	3,163	4,500	4,500	6,543	9,738	9,801	9,423	7,288	6,065	4,000	3,000	3,000

Table 5A-B3.3.4.5-B. Net Delta Outflow Index Monthly Flow (NDOI), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	6,703	8,624	21,524	37,570	48,389	40,663	27,649	21,323	12,526	7,515	4,970	6,531
Wet Water Years	8,514	13,916	44,331	77,907	96,040	80,143	52,646	37,180	21,643	10,616	6,500	10,746
Above Normal Water Years	6,698	6,053	14,767	42,008	51,254	43,759	25,632	25,496	13,199	8,540	6,240	10,319
Below Normal Water Years	6,353	6,934	12,937	17,285	24,743	21,304	17,406	14,472	7,740	6,633	4,216	3,528
Dry Water Years	5,702	5,892	6,812	11,178	21,022	16,641	12,613	10,425	7,239	5,209	3,909	3,007
Critical Water Years	4,522	5,264	8,752	9,365	12,259	11,282	9,092	6,991	5,973	4,014	3,000	3,000

Table 5A-B3.3.4.5-C. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	14	-344	-3,725	-2,773	-2,106	-2,243	-1,577	212	-3,845	-1,245	115	109
20%	0	-1,066	-3,941	-3,687	-5,190	-1,128	-69	-526	-2,901	-1,283	-22	156
30%	0	-182	-2,246	-4,790	-2,066	-4,200	-97	-1,643	-213	-286	-89	0
40%	-125	-211	49	-1,528	-2,592	-3,795	-320	-1,279	93	0	-43	-201
50%	-204	-59	-779	-2,094	-3,422	-3,007	126	-1,108	102	-1,200	-59	-732
60%	23	-41	-50	-1,693	-2,606	-3,781	-147	155	17	-18	284	-644
70%	0	-100	35	-669	-1,581	-2,779	498	-176	0	-245	0	-154
80%	0	4	-334	-566	-1,937	-1,495	233	-89	76	0	0	0
90%	125	0	-45	-707	168	66	457	8	126	0	0	0

Table 5A-B3.3.4.5-D. Net Delta Outflow Index Monthly Flow (NDOI), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-18	-487	-1,134	-2,153	-2,017	-1,949	-100	-578	-698	-449	-42	-186
Wet Water Years	30	-674	-2,301	-3,018	-1,748	-1,176	-294	-1,181	-1,304	-397	-150	-166
Above Normal Water Years	83	-438	-1,081	-3,736	-3,805	-3,653	-607	-1,159	-1,996	-808	23	59
Below Normal Water Years	-132	-633	-926	-1,861	-2,256	-3,111	151	-297	-153	-882	9	-482
Dry Water Years	42	-345	51	-809	-2,123	-1,766	105	64	54	-55	6	-160
Critical Water Years	-94	-56	-361	-939	-565	-531	120	37	0	-21	0	-5

B.3.5 Net Delta Outflow

Figure 5A-B3.3.5.1-A. Net Delta Outflow Monthly Flow (C_SAC000), Probability of Exceedance for Existing Condition, October to March

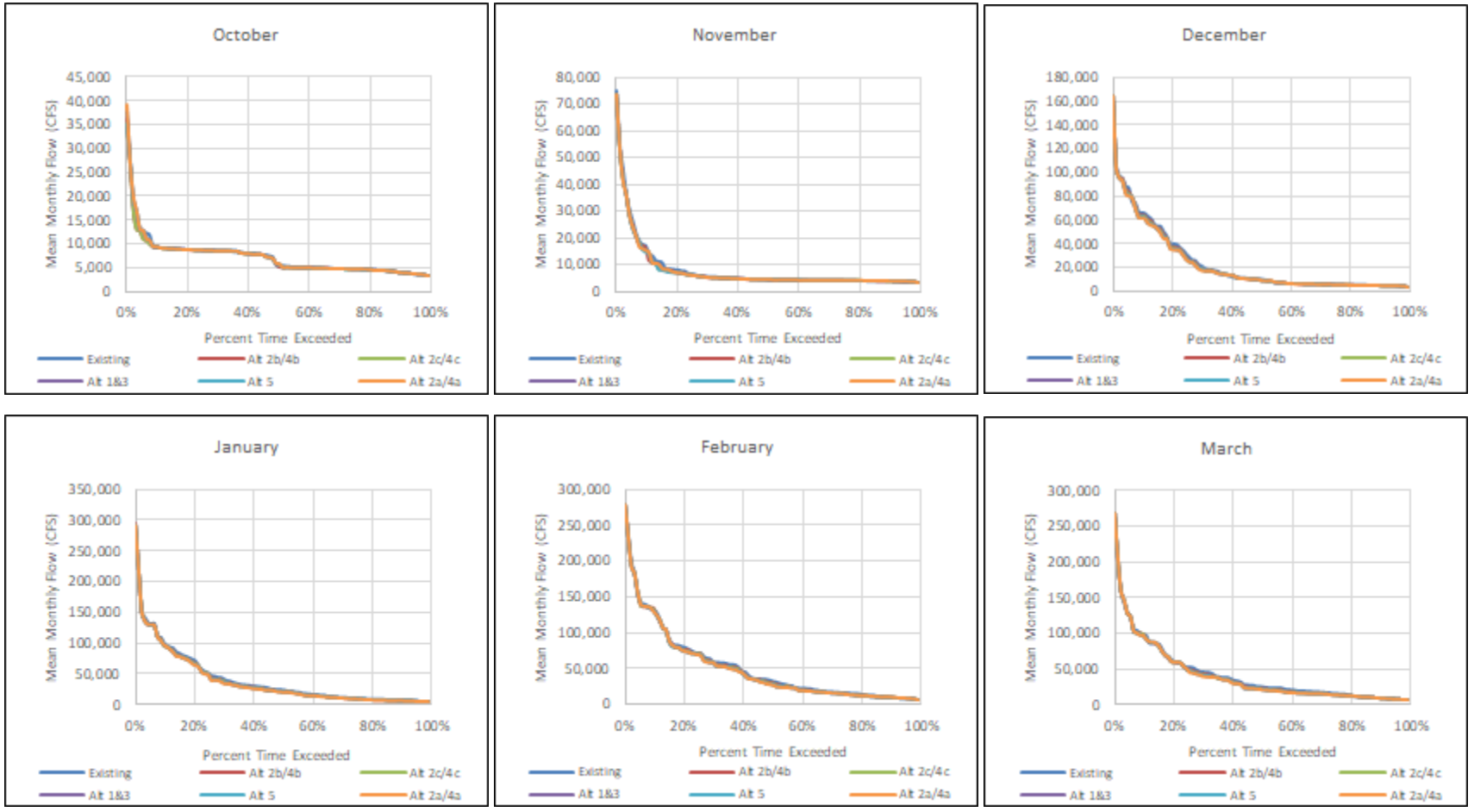


Figure 5A-B3.3.5.1-B. Net Delta Outflow Monthly Flow (C_SAC000), Probability of Exceedance for Existing Condition, April to September

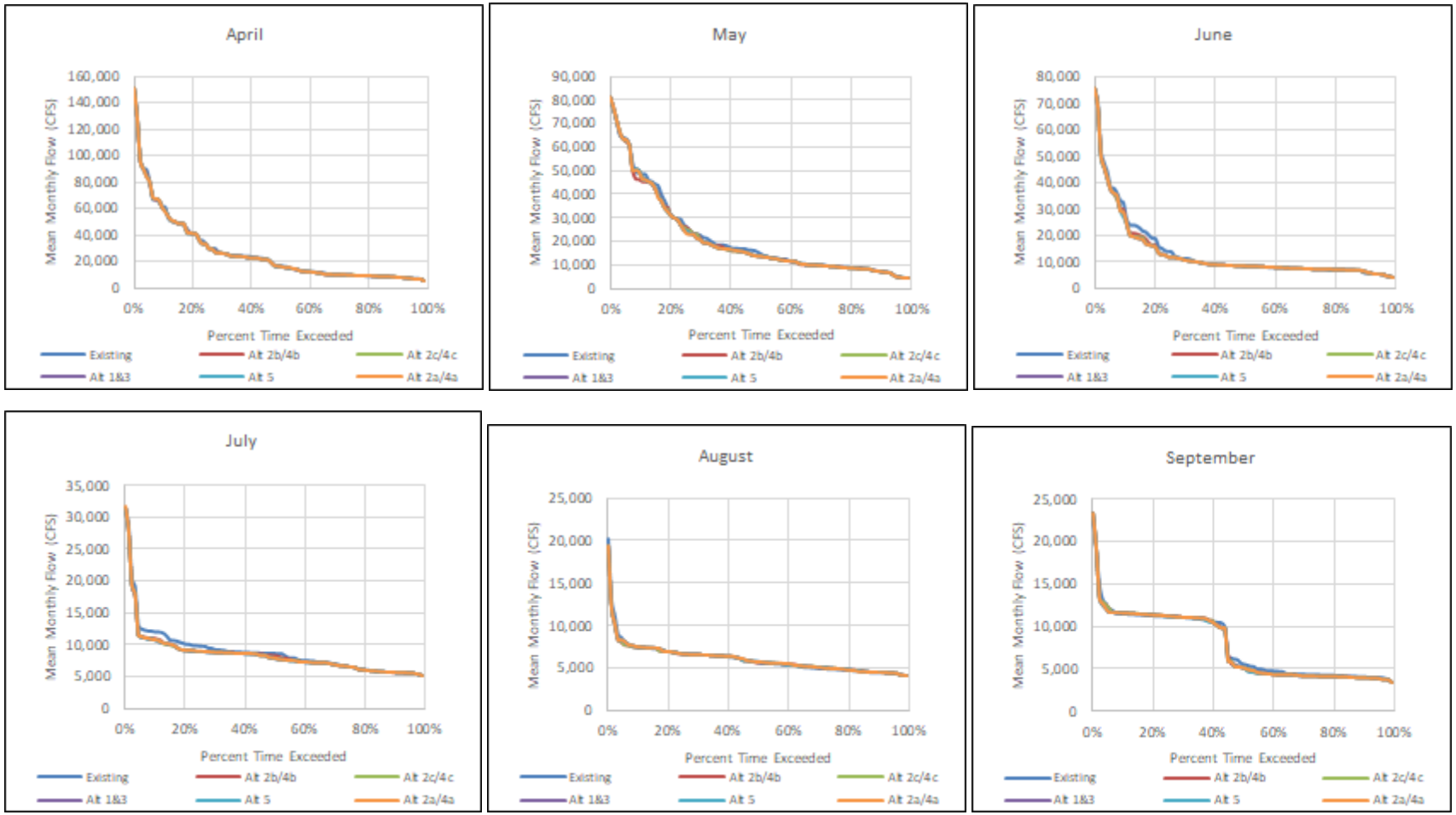


Table 5A-B3.3.5.1-A. Net Delta Outflow Monthly Flow (C_SAC000), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,223	16,176	65,935	98,291	130,834	97,778	61,593	49,027	30,391	12,016	7,424	11,505
20%	8,792	8,391	39,712	71,310	79,603	61,670	41,343	32,396	18,825	10,103	6,952	11,280
30%	8,523	5,885	21,166	40,801	59,362	46,469	26,920	22,907	11,313	9,219	6,637	11,109
40%	7,955	5,219	12,604	28,971	45,856	35,751	24,073	17,779	8,971	8,739	6,347	10,588
50%	5,517	4,715	9,982	22,859	32,690	25,656	16,706	15,295	8,466	8,575	5,783	5,604
60%	4,975	4,418	6,414	15,800	22,514	21,284	12,929	11,996	7,952	7,488	5,425	4,742
70%	4,767	4,338	5,837	10,424	17,548	18,171	10,231	10,250	7,470	6,973	5,000	4,346
80%	4,557	4,256	5,264	7,697	14,635	13,877	9,493	9,262	7,164	6,032	4,768	4,231
90%	3,987	4,096	4,892	6,185	9,611	10,069	8,488	7,624	6,171	5,621	4,483	4,071

Table 5A-B3.3.5.1-B. Net Delta Outflow Monthly Flow (C_SAC000), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7,298	8,535	23,745	40,381	52,286	43,194	27,542	22,057	13,886	8,921	6,142	7,787
Wet Water Years	9,172	14,116	48,511	83,205	100,889	82,473	53,314	38,710	23,723	11,832	7,677	11,962
Above Normal Water Years	7,025	5,912	16,870	47,101	58,136	47,840	25,722	26,762	15,692	9,952	7,192	11,377
Below Normal Water Years	7,071	7,007	14,679	19,212	28,180	24,538	16,752	14,855	8,250	8,394	5,365	5,075
Dry Water Years	6,187	5,499	7,063	10,971	24,005	18,847	11,948	10,263	7,727	6,327	5,006	4,153
Critical Water Years	5,145	4,698	9,882	9,732	13,321	12,188	8,656	7,137	7,154	5,595	4,474	4,175

Table 5A-B3.3.5.1-C. Net Delta Outflow Monthly Flow (C_SAC000), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,257	14,914	63,911	95,095	131,328	97,516	60,384	46,216	28,116	10,940	7,452	11,584
20%	8,760	7,382	37,509	67,896	76,385	60,391	41,776	32,402	16,255	9,089	6,936	11,387
30%	8,486	5,433	19,471	37,225	58,867	43,794	26,969	22,029	10,727	8,819	6,568	11,075
40%	7,950	5,020	13,352	27,595	45,440	33,575	23,172	16,680	9,001	8,579	6,370	10,606
50%	5,471	4,616	9,124	20,826	30,247	23,134	16,840	14,031	8,466	8,235	5,610	5,138
60%	4,929	4,392	6,422	14,021	20,413	18,486	12,675	12,016	8,030	7,242	5,465	4,364
70%	4,763	4,317	5,788	9,804	16,541	16,515	10,365	10,234	7,495	6,848	5,119	4,174
80%	4,612	4,219	5,124	7,081	12,744	13,172	9,792	9,224	7,175	5,997	4,838	4,104
90%	3,987	4,000	4,749	5,722	10,013	9,829	8,798	7,708	6,454	5,599	4,482	3,956

Table 5A-B3.3.5.1-D. Net Delta Outflow Monthly Flow (C_SAC000), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7,174	8,154	23,082	38,990	50,878	41,732	27,454	21,475	13,299	8,522	6,081	7,644
Wet Water Years	8,885	13,444	47,274	81,396	99,649	81,305	53,101	37,559	22,503	11,427	7,477	11,889
Above Normal Water Years	7,130	5,459	16,330	44,606	55,413	45,187	25,228	25,509	14,407	9,264	7,191	11,423
Below Normal Water Years	6,927	6,724	13,986	17,920	26,748	22,337	16,877	14,595	8,089	7,684	5,369	4,674
Dry Water Years	6,194	5,284	7,040	10,445	22,533	17,786	11,947	10,276	7,750	6,263	5,027	3,988
Critical Water Years	5,056	4,654	9,657	9,037	12,795	11,818	8,745	7,163	7,154	5,559	4,463	4,158

Table 5A-B3.3.5.1-E. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	34	-1,262	-2,024	-3,196	494	-262	-1,209	-2,811	-2,274	-1,076	28	79
20%	-32	-1,009	-2,203	-3,415	-3,218	-1,279	433	7	-2,570	-1,014	-17	107
30%	-37	-452	-1,695	-3,577	-495	-2,675	49	-878	-586	-400	-70	-33
40%	-4	-199	747	-1,376	-416	-2,176	-900	-1,099	30	-160	23	19
50%	-47	-99	-858	-2,032	-2,442	-2,522	134	-1,264	0	-340	-173	-467
60%	-46	-26	9	-1,780	-2,102	-2,798	-254	20	78	-246	40	-378
70%	-4	-20	-49	-620	-1,007	-1,656	134	-16	25	-125	119	-172
80%	54	-37	-141	-616	-1,891	-705	299	-38	12	-35	70	-127
90%	0	-97	-143	-463	402	-240	310	84	283	-22	0	-115

Table 5A-B3.3.5.1-F. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-124	-382	-663	-1,391	-1,407	-1,462	-88	-582	-587	-399	-61	-142
Wet Water Years	-287	-672	-1,236	-1,809	-1,240	-1,168	-213	-1,151	-1,220	-405	-200	-74
Above Normal Water Years	105	-453	-540	-2,495	-2,723	-2,652	-493	-1,253	-1,285	-687	-1	46
Below Normal Water Years	-144	-283	-693	-1,292	-1,432	-2,201	125	-260	-161	-709	4	-401
Dry Water Years	6	-214	-23	-526	-1,472	-1,062	-1	14	23	-64	21	-165
Critical Water Years	-89	-44	-226	-695	-526	-370	89	26	0	-36	-11	-17

Table 5A-B3.3.5.2-A. Net Delta Outflow Monthly Flow (C_SAC000), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,340	15,275	62,916	94,409	130,093	97,330	60,388	49,361	27,435	10,766	7,452	11,591
20%	8,768	7,217	36,584	66,440	75,456	60,421	41,602	32,119	15,792	9,089	6,936	11,387
30%	8,486	5,399	19,165	37,277	58,854	42,447	26,934	21,366	10,731	8,819	6,560	11,074
40%	7,956	4,918	13,337	26,545	43,536	32,745	23,190	16,684	9,001	8,575	6,373	10,606
50%	5,758	4,597	9,263	20,381	29,106	22,752	16,839	14,101	8,466	7,832	5,667	5,151
60%	4,929	4,388	6,423	13,530	19,723	17,643	12,678	12,112	8,035	7,244	5,426	4,391
70%	4,752	4,288	5,759	9,756	16,355	16,137	10,362	10,207	7,515	6,850	5,118	4,174
80%	4,612	4,218	5,111	6,967	12,678	13,159	9,795	9,113	7,177	5,998	4,838	4,102
90%	3,987	4,019	4,727	5,721	9,977	9,828	8,858	7,709	6,560	5,617	4,483	3,937

Table 5A-B3.3.5.2-B. Net Delta Outflow Monthly Flow (C_SAC000), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7,181	8,104	22,819	38,530	50,487	41,411	27,426	21,521	13,211	8,476	6,084	7,635
Wet Water Years	8,876	13,527	46,617	80,671	99,373	81,286	53,008	37,649	22,424	11,425	7,482	11,880
Above Normal Water Years	7,106	5,497	16,078	43,950	54,556	44,301	25,120	25,739	13,924	9,146	7,214	11,436
Below Normal Water Years	6,941	6,468	13,852	17,560	26,233	21,759	16,880	14,558	8,084	7,539	5,361	4,625
Dry Water Years	6,230	5,192	7,121	10,204	22,142	17,474	12,020	10,243	7,750	6,273	5,025	4,002
Critical Water Years	5,075	4,617	9,634	8,907	12,750	11,728	8,762	7,174	7,154	5,574	4,464	4,158

Table 5A-B3.3.5.2-C. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	117	-901	-3,019	-3,882	-741	-448	-1,204	334	-2,956	-1,250	28	85
20%	-24	-1,174	-3,128	-4,870	-4,147	-1,249	260	-277	-3,032	-1,014	-17	107
30%	-37	-486	-2,001	-3,525	-508	-4,022	14	-1,541	-582	-400	-77	-34
40%	1	-300	733	-2,426	-2,320	-3,006	-883	-1,095	30	-164	26	18
50%	241	-117	-719	-2,478	-3,584	-2,904	133	-1,194	0	-743	-116	-454
60%	-46	-30	9	-2,271	-2,792	-3,641	-250	116	83	-244	2	-352
70%	-15	-49	-78	-668	-1,193	-2,033	130	-44	45	-123	119	-172
80%	54	-38	-153	-730	-1,957	-718	302	-148	13	-33	70	-129
90%	0	-78	-166	-464	366	-240	371	84	388	-4	1	-134

Table 5A-B3.3.5.2-D. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-118	-431	-926	-1,851	-1,799	-1,783	-117	-537	-675	-445	-58	-152
Wet Water Years	-296	-588	-1,894	-2,533	-1,516	-1,186	-306	-1,061	-1,299	-407	-194	-82
Above Normal Water Years	81	-416	-792	-3,151	-3,580	-3,538	-602	-1,023	-1,768	-806	22	59
Below Normal Water Years	-130	-539	-827	-1,652	-1,948	-2,778	128	-298	-166	-854	-4	-450
Dry Water Years	43	-307	58	-766	-1,863	-1,373	72	-19	23	-54	19	-150
Critical Water Years	-70	-81	-248	-825	-571	-461	106	37	0	-22	-11	-17

Table 5A-B3.3.5.3-A. Net Delta Outflow Monthly Flow (C_SAC000), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,340	15,216	61,870	95,487	129,047	95,541	60,391	49,163	27,436	10,721	7,468	11,582
20%	8,768	7,118	35,849	65,065	74,962	60,625	41,648	31,892	15,794	9,089	6,936	11,346
30%	8,486	5,401	18,919	34,909	58,722	41,414	26,659	21,203	10,732	8,747	6,560	11,074
40%	7,956	4,922	13,085	25,837	44,287	31,926	23,190	17,011	9,000	8,572	6,373	10,481
50%	5,745	4,566	9,287	19,808	28,329	22,302	16,903	14,150	8,491	7,813	5,669	5,151
60%	4,929	4,390	6,423	13,600	19,507	17,450	12,679	12,092	8,035	7,227	5,359	4,351
70%	4,761	4,297	5,836	9,757	16,344	15,984	10,367	10,196	7,526	6,849	5,097	4,174
80%	4,612	4,206	4,954	6,915	12,637	13,050	9,863	9,113	7,176	5,999	4,834	4,094
90%	3,987	4,057	4,727	5,722	10,148	9,831	8,833	7,726	6,703	5,618	4,483	3,938

Table 5A-B3.3.5.3-B. Net Delta Outflow Monthly Flow (C_SAC000), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7,291	8,099	22,606	38,214	50,286	41,242	27,440	21,482	13,215	8,471	6,096	7,607
Wet Water Years	9,217	13,518	46,189	80,160	99,165	81,278	53,019	37,536	22,447	11,424	7,527	11,822
Above Normal Water Years	7,108	5,539	15,780	43,346	54,371	44,189	25,115	25,604	13,836	9,144	7,215	11,436
Below Normal Water Years	6,939	6,433	13,738	17,352	25,978	21,439	16,899	14,559	8,097	7,519	5,372	4,597
Dry Water Years	6,230	5,190	7,112	10,143	21,830	17,081	12,048	10,326	7,780	6,272	5,000	3,988
Critical Water Years	5,082	4,621	9,563	8,795	12,761	11,658	8,776	7,174	7,154	5,574	4,463	4,158

Table 5A-B3.3.5.3-C. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	117	-960	-4,065	-2,804	-1,787	-2,236	-1,201	136	-2,955	-1,295	44	77
20%	-24	-1,273	-3,862	-6,245	-4,641	-1,045	305	-504	-3,031	-1,014	-17	66
30%	-37	-484	-2,247	-5,892	-640	-5,055	-261	-1,704	-581	-472	-77	-34
40%	1	-297	480	-3,134	-1,569	-3,826	-882	-768	30	-168	26	-107
50%	228	-149	-694	-3,050	-4,361	-3,354	197	-1,144	25	-762	-114	-454
60%	-46	-28	9	-2,200	-3,007	-3,834	-250	96	83	-260	-66	-391
70%	-6	-41	-2	-667	-1,204	-2,187	136	-54	57	-124	98	-172
80%	54	-50	-311	-782	-1,998	-827	371	-149	13	-33	65	-137
90%	0	-39	-165	-463	537	-238	345	102	531	-3	1	-133

Table 5A-B3.3.5.3-D. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-8	-437	-1,139	-2,167	-2,000	-1,952	-102	-576	-671	-451	-46	-180
Wet Water Years	46	-597	-2,322	-3,044	-1,724	-1,195	-295	-1,174	-1,276	-408	-150	-140
Above Normal Water Years	84	-373	-1,090	-3,755	-3,765	-3,651	-607	-1,158	-1,856	-808	23	59
Below Normal Water Years	-132	-574	-941	-1,860	-2,203	-3,098	148	-297	-153	-875	7	-478
Dry Water Years	43	-309	50	-828	-2,174	-1,766	101	64	53	-55	-6	-165
Critical Water Years	-64	-77	-319	-938	-560	-531	120	37	0	-22	-11	-17

Table 5A-B3.3.5.4-A. Net Delta Outflow Monthly Flow (C_SAC000), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,340	15,228	61,409	95,642	128,418	96,074	60,171	48,785	27,451	10,700	7,463	11,582
20%	8,768	7,164	35,324	64,478	74,886	60,740	41,718	31,793	15,807	9,089	6,936	11,346
30%	8,486	5,415	17,379	33,921	58,597	40,235	26,668	21,213	10,738	8,747	6,558	11,074
40%	7,950	4,936	13,333	25,458	44,073	31,168	23,198	17,020	9,000	8,575	6,373	10,481
50%	5,837	4,562	9,299	19,615	27,652	21,654	16,897	14,102	8,491	7,857	5,720	5,149
60%	4,929	4,372	6,423	13,552	19,440	17,456	12,688	12,064	8,034	7,228	5,490	4,351
70%	4,762	4,315	5,641	9,847	16,576	15,831	10,429	10,203	7,529	6,851	5,070	4,174
80%	4,612	4,229	5,057	7,065	12,641	13,060	9,865	9,111	7,196	5,998	4,765	4,094
90%	3,987	4,072	4,728	5,763	10,557	9,834	8,778	7,752	6,704	5,619	4,478	3,953

Table 5A-B3.3.5.4-B. Net Delta Outflow Monthly Flow (C_SAC000), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7,331	8,109	22,486	38,050	50,234	41,101	27,465	21,451	13,217	8,470	6,100	7,616
Wet Water Years	9,343	13,455	45,960	79,962	99,158	81,331	53,019	37,532	22,454	11,419	7,531	11,830
Above Normal Water Years	7,107	5,513	15,809	42,969	54,329	43,890	25,150	25,425	13,842	9,146	7,215	11,436
Below Normal Water Years	6,938	6,575	13,655	17,186	25,914	21,163	16,942	14,535	8,096	7,522	5,414	4,620
Dry Water Years	6,238	5,179	7,027	10,104	21,674	16,794	12,114	10,325	7,777	6,273	4,956	3,996
Critical Water Years	5,076	4,639	9,450	8,750	12,742	11,612	8,772	7,169	7,154	5,574	4,464	4,158

Table 5A-B3.3.5.4-C. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	117	-948	-4,526	-2,649	-2,416	-1,704	-1,421	-242	-2,940	-1,316	39	77
20%	-24	-1,226	-4,388	-6,832	-4,717	-930	375	-603	-3,018	-1,014	-16	66
30%	-37	-471	-3,787	-6,881	-765	-6,233	-252	-1,694	-575	-472	-79	-34
40%	-4	-283	728	-3,513	-1,783	-4,584	-875	-759	29	-164	26	-106
50%	320	-152	-682	-3,244	-5,038	-4,002	191	-1,193	25	-718	-63	-456
60%	-46	-46	9	-2,249	-3,074	-3,828	-241	68	83	-260	66	-391
70%	-5	-22	-196	-578	-972	-2,340	197	-47	60	-121	71	-172
80%	55	-27	-207	-633	-1,994	-817	372	-150	33	-33	-3	-137
90%	0	-25	-164	-422	946	-235	290	128	532	-2	-5	-118

Table 5A-B3.3.5.4-D. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	32	-426	-1,259	-2,331	-2,052	-2,094	-77	-606	-669	-451	-42	-170
Wet Water Years	171	-661	-2,550	-3,243	-1,731	-1,142	-294	-1,178	-1,269	-413	-146	-132
Above Normal Water Years	82	-399	-1,061	-4,132	-3,807	-3,950	-572	-1,337	-1,850	-806	23	59
Below Normal Water Years	-133	-432	-1,024	-2,026	-2,266	-3,374	191	-321	-155	-872	50	-455
Dry Water Years	51	-320	-35	-867	-2,330	-2,053	167	62	50	-54	-50	-156
Critical Water Years	-70	-59	-432	-982	-579	-577	116	32	0	-21	-11	-17

Table 5A-B3.3.5.5-A. Net Delta Outflow Monthly Flow (C_SAC000), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	9,340	14,638	62,147	95,518	129,013	95,541	60,397	49,163	26,260	10,721	7,468	11,582
20%	8,768	7,126	35,849	65,219	74,962	60,695	41,646	31,641	15,794	9,089	6,936	11,346
30%	8,486	5,402	18,920	34,909	58,721	41,386	26,658	21,203	10,732	8,747	6,560	11,069
40%	7,956	4,922	13,069	25,838	44,286	31,926	23,190	17,011	9,000	8,572	6,373	10,445
50%	5,745	4,566	9,286	19,808	28,328	22,302	16,903	14,150	8,491	7,813	5,726	5,151
60%	4,900	4,395	6,422	13,604	19,507	17,450	12,679	12,094	8,035	7,227	5,359	4,351
70%	4,736	4,314	5,838	9,757	16,344	15,984	10,368	10,196	7,526	6,849	5,098	4,174
80%	4,594	4,217	4,954	6,916	12,622	13,051	9,863	9,113	7,176	5,999	4,825	4,094
90%	3,987	4,057	4,727	5,722	10,148	9,832	8,833	7,726	6,703	5,618	4,483	3,938

Table 5A-B3.3.5.5-B. Net Delta Outflow Monthly Flow (C_SAC000), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	7,281	8,047	22,608	38,227	50,286	41,245	27,440	21,479	13,188	8,474	6,099	7,598
Wet Water Years	9,202	13,440	46,203	80,187	99,142	81,297	53,020	37,528	22,417	11,435	7,527	11,796
Above Normal Water Years	7,109	5,461	15,776	43,360	54,332	44,187	25,114	25,603	13,696	9,144	7,215	11,436
Below Normal Water Years	6,940	6,373	13,753	17,351	25,993	21,427	16,899	14,558	8,097	7,519	5,378	4,592
Dry Water Years	6,230	5,153	7,113	10,161	21,883	17,081	12,049	10,327	7,781	6,272	5,008	3,989
Critical Water Years	5,051	4,642	9,525	8,794	12,759	11,657	8,776	7,174	7,154	5,574	4,464	4,158

Table 5A-B3.3.5.5-C. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	117	-1,538	-3,787	-2,773	-1,821	-2,237	-1,196	136	-4,131	-1,295	44	77
20%	-24	-1,265	-3,863	-6,091	-4,641	-975	304	-755	-3,031	-1,014	-17	66
30%	-37	-483	-2,246	-5,892	-641	-5,083	-262	-1,704	-581	-472	-77	-40
40%	1	-297	465	-3,133	-1,570	-3,825	-882	-769	30	-168	26	-143
50%	228	-149	-695	-3,051	-4,362	-3,354	197	-1,145	25	-762	-57	-454
60%	-75	-22	8	-2,197	-3,007	-3,834	-250	98	83	-260	-66	-391
70%	-31	-23	0	-667	-1,204	-2,186	136	-54	57	-124	98	-172
80%	36	-39	-311	-781	-2,013	-826	371	-149	13	-33	57	-137
90%	0	-39	-165	-463	537	-237	345	102	532	-3	1	-133

Table 5A-B3.3.5.5-D. Net Delta Outflow Monthly Flow (C_SAC000), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-17	-489	-1,137	-2,154	-2,000	-1,949	-102	-578	-698	-447	-43	-189
Wet Water Years	30	-675	-2,307	-3,017	-1,747	-1,176	-294	-1,182	-1,307	-397	-150	-166
Above Normal Water Years	84	-451	-1,094	-3,741	-3,805	-3,652	-607	-1,159	-1,996	-808	23	59
Below Normal Water Years	-131	-634	-926	-1,861	-2,187	-3,111	147	-297	-153	-875	14	-483
Dry Water Years	42	-345	51	-809	-2,122	-1,767	101	64	54	-55	1	-164
Critical Water Years	-94	-56	-357	-939	-562	-531	120	37	0	-22	-11	-17

B.3.6 Old and Middle River

Figure 5A-B3.3.6.1-A. Old and Middle River Monthly Flow (C_OMR014), Probability of Exceedance for Existing Condition, October to March

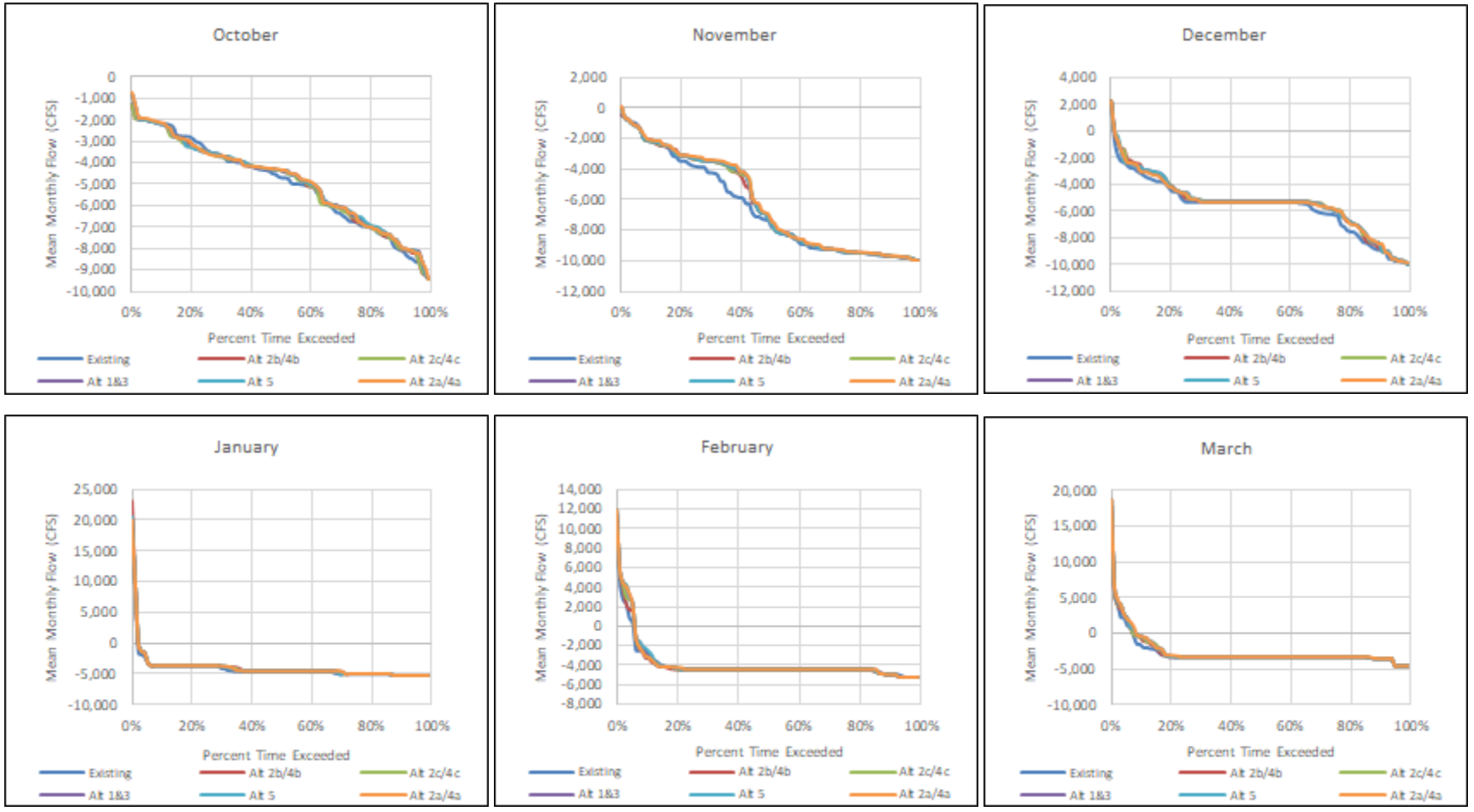


Figure 5A-B3.3.6.1-B. Old and Middle River Monthly Flow (C_OMR014), Probability of Exceedance for Existing Condition, April to September

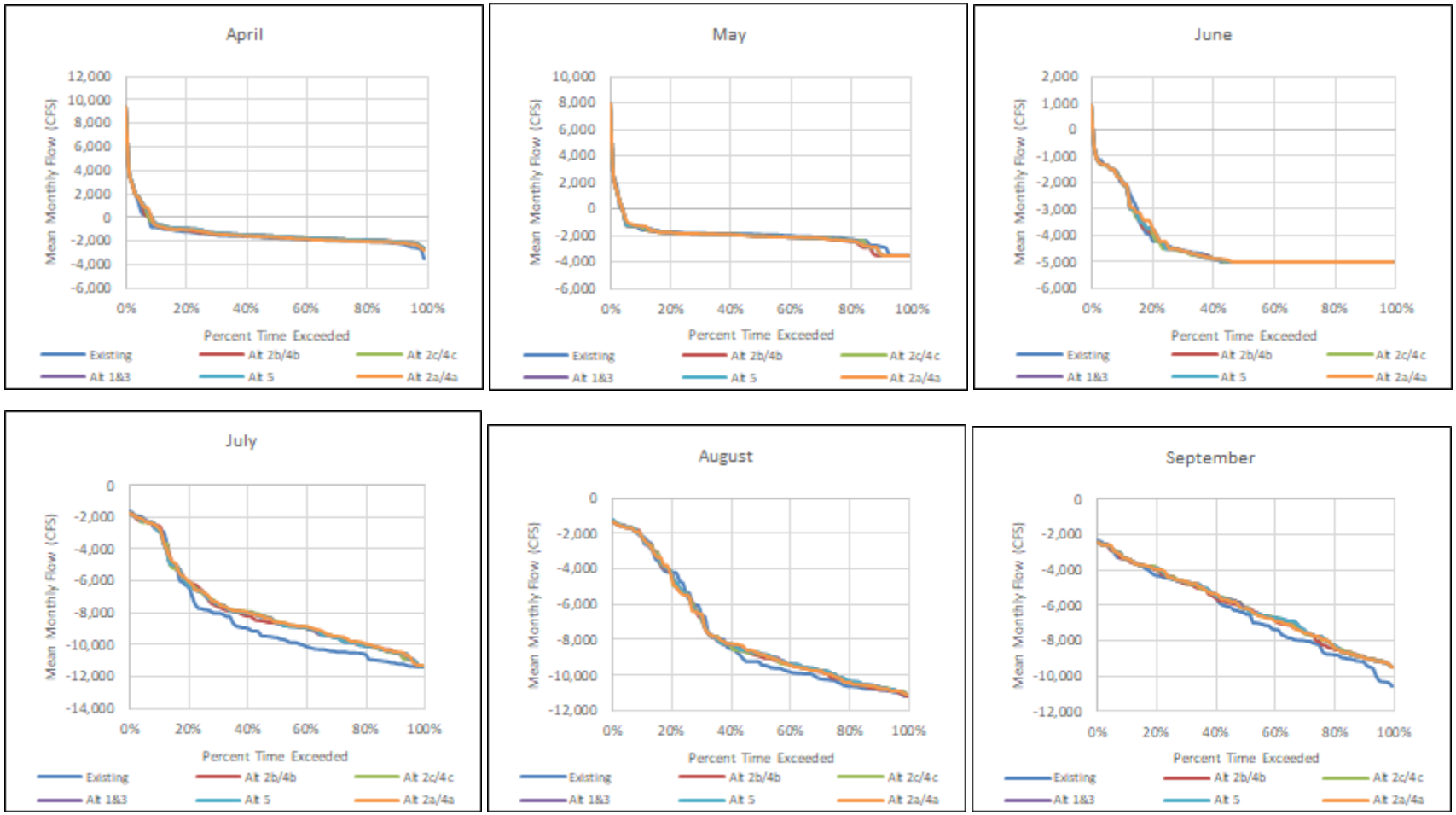


Table 5A-B3.3.6.1-A. Old and Middle River Monthly Flow (C_OMR014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-2,185	-2,240	-3,166	-3,645	-3,277	-1,607	-818	-1,498	-1,999	-2,813	-2,233	-3,407
20%	-2,845	-3,463	-4,375	-3,645	-4,365	-3,258	-1,200	-1,730	-4,107	-6,335	-4,230	-4,325
30%	-3,719	-4,240	-5,290	-4,043	-4,464	-3,258	-1,474	-1,817	-4,579	-7,994	-6,614	-4,719
40%	-4,170	-5,887	-5,290	-4,516	-4,464	-3,258	-1,602	-1,863	-4,860	-8,911	-8,531	-5,442
50%	-4,692	-7,562	-5,290	-4,516	-4,464	-3,258	-1,757	-1,915	-5,000	-9,503	-9,353	-6,481
60%	-5,075	-8,821	-5,290	-4,516	-4,464	-3,258	-1,866	-2,006	-5,000	-10,035	-9,827	-7,407
70%	-6,357	-9,221	-6,065	-5,000	-4,464	-3,258	-1,938	-2,090	-5,000	-10,377	-10,195	-8,027
80%	-7,017	-9,467	-7,458	-5,000	-4,483	-3,258	-2,026	-2,269	-5,000	-10,533	-10,639	-8,827
90%	-8,064	-9,677	-8,866	-5,242	-4,986	-3,500	-2,183	-2,791	-5,000	-11,076	-10,818	-9,224

Table 5A-B3.3.6.1-B. Old and Middle River Monthly Flow (C_OMR014), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-4,975	-6,565	-5,614	-3,983	-3,901	-2,583	-1,385	-1,842	-4,306	-8,451	-7,869	-6,469
Wet Water Years	-5,701	-7,622	-5,229	-2,972	-3,029	-1,289	-951	-1,555	-4,411	-9,225	-9,522	-7,525
Above Normal Water Years	-5,087	-7,586	-6,900	-4,274	-3,712	-2,916	-1,531	-2,397	-4,953	-9,688	-10,280	-6,639
Below Normal Water Years	-4,789	-6,981	-6,249	-4,393	-4,460	-3,383	-1,715	-1,882	-4,899	-10,142	-9,898	-8,298
Dry Water Years	-4,807	-5,982	-5,666	-4,812	-4,516	-3,292	-1,813	-2,028	-4,750	-8,720	-5,117	-4,678
Critical Water Years	-3,810	-3,435	-4,281	-4,303	-4,350	-3,001	-1,181	-1,710	-2,084	-2,770	-2,220	-3,231

Table 5A-B3.3.6.1-C. Old and Middle River Monthly Flow (C_OMR014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-2,178	-2,130	-2,627	-3,645	-3,285	-625	-539	-1,280	-1,936	-2,562	-2,318	-3,405
20%	-3,143	-3,086	-4,172	-3,645	-4,464	-3,233	-1,064	-1,731	-3,908	-6,030	-4,396	-3,985
30%	-3,684	-3,505	-5,189	-3,729	-4,464	-3,258	-1,424	-1,833	-4,583	-7,601	-6,829	-4,760
40%	-4,150	-4,424	-5,290	-4,516	-4,464	-3,258	-1,552	-1,883	-4,847	-8,197	-8,300	-5,560
50%	-4,373	-7,231	-5,290	-4,516	-4,464	-3,258	-1,658	-1,998	-5,000	-8,640	-8,946	-6,123
60%	-5,119	-8,566	-5,290	-4,516	-4,464	-3,258	-1,812	-2,082	-5,000	-8,953	-9,364	-6,800
70%	-6,063	-9,201	-5,432	-4,583	-4,483	-3,258	-1,904	-2,166	-5,000	-9,504	-9,781	-7,526
80%	-6,959	-9,453	-6,794	-5,000	-4,483	-3,258	-1,983	-2,366	-5,000	-10,043	-10,363	-8,434
90%	-7,948	-9,664	-8,717	-5,242	-5,000	-3,484	-2,080	-3,478	-5,000	-10,436	-10,789	-8,857

Table 5A-B3.3.6.1-D. Old and Middle River Monthly Flow (C_OMR014), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-4,916	-6,269	-5,367	-3,870	-3,869	-2,492	-1,293	-1,924	-4,314	-7,877	-7,735	-6,118
Wet Water Years	-5,582	-7,346	-5,057	-2,800	-2,728	-1,041	-646	-1,739	-4,401	-8,779	-9,342	-7,433
Above Normal Water Years	-5,082	-7,288	-6,444	-4,274	-3,967	-2,915	-1,484	-2,485	-4,953	-8,681	-9,850	-6,511
Below Normal Water Years	-4,636	-6,500	-6,137	-4,322	-4,514	-3,379	-1,718	-1,974	-4,913	-9,032	-9,616	-7,136
Dry Water Years	-4,996	-5,786	-5,201	-4,693	-4,654	-3,292	-1,820	-1,995	-4,756	-8,505	-5,328	-4,440
Critical Water Years	-3,693	-3,277	-4,085	-4,163	-4,316	-2,929	-1,245	-1,680	-2,132	-2,723	-2,273	-3,280

Table 5A-B3.3.6.1-E. Old and Middle River Monthly Flow (C_OMR014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	7	110	539	0	-9	982	279	218	63	251	-85	2
20%	-299	377	203	0	-99	25	136	-2	199	305	-166	340
30%	36	735	101	313	0	0	50	-15	-4	393	-215	-41
40%	20	1,463	0	0	0	0	50	-20	13	714	232	-118
50%	320	331	0	0	0	0	98	-84	0	863	407	358
60%	-44	255	0	0	0	0	53	-77	0	1,083	463	607
70%	294	20	634	417	-18	0	34	-76	0	873	414	501
80%	57	15	664	0	0	0	44	-97	0	490	276	393
90%	116	13	149	0	-14	16	103	-687	0	640	30	367

Table 5A-B3.3.6.1-F. Old and Middle River Monthly Flow (C_OMR014), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	60	296	248	113	33	91	92	-81	-8	574	135	351
Wet Water Years	119	276	171	172	301	248	305	-184	10	447	180	92
Above Normal Water Years	5	297	456	0	-255	1	47	-88	0	1,007	430	128
Below Normal Water Years	153	481	112	72	-54	4	-3	-92	-14	1,109	282	1,162
Dry Water Years	-189	196	465	119	-137	0	-7	33	-6	216	-211	238
Critical Water Years	118	158	196	140	35	72	-64	31	-48	47	-53	-48

Table 5A-B3.3.6.2-A. Old and Middle River Monthly Flow (C_OMR014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-2,201	-2,183	-2,726	-3,645	-2,827	-490	-531	-1,329	-1,897	-2,794	-2,289	-3,333
20%	-3,272	-3,080	-4,035	-3,645	-4,419	-3,141	-1,001	-1,732	-3,845	-6,050	-4,593	-3,895
30%	-3,704	-3,465	-5,167	-3,730	-4,464	-3,248	-1,357	-1,842	-4,598	-7,439	-6,858	-4,716
40%	-4,163	-4,266	-5,290	-4,516	-4,464	-3,258	-1,521	-1,881	-4,846	-7,934	-8,384	-5,387
50%	-4,353	-7,338	-5,290	-4,516	-4,464	-3,258	-1,636	-2,013	-5,000	-8,527	-8,837	-6,104
60%	-5,084	-8,606	-5,290	-4,516	-4,464	-3,258	-1,764	-2,083	-5,000	-8,891	-9,406	-6,645
70%	-6,142	-9,200	-5,432	-4,662	-4,466	-3,258	-1,884	-2,148	-5,000	-9,502	-9,722	-7,525
80%	-6,982	-9,458	-6,721	-5,000	-4,483	-3,258	-1,965	-2,323	-5,000	-10,013	-10,358	-8,297
90%	-7,956	-9,635	-8,375	-5,242	-5,000	-3,481	-2,080	-3,193	-5,000	-10,534	-10,676	-8,857

Table 5A-B3.3.6.2-B. Old and Middle River Monthly Flow (C_OMR014), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-4,942	-6,243	-5,340	-3,913	-3,816	-2,449	-1,253	-1,897	-4,320	-7,834	-7,706	-6,041
Wet Water Years	-5,597	-7,220	-5,052	-2,911	-2,674	-915	-558	-1,671	-4,405	-8,737	-9,407	-7,388
Above Normal Water Years	-5,029	-7,222	-6,364	-4,274	-3,855	-2,909	-1,391	-2,370	-4,954	-8,607	-9,756	-6,247
Below Normal Water Years	-4,720	-6,571	-6,105	-4,330	-4,411	-3,377	-1,719	-2,001	-4,918	-8,841	-9,413	-7,009
Dry Water Years	-4,968	-5,827	-5,163	-4,680	-4,654	-3,292	-1,827	-2,021	-4,731	-8,610	-5,338	-4,449
Critical Water Years	-3,783	-3,270	-4,081	-4,219	-4,339	-2,919	-1,240	-1,670	-2,187	-2,763	-2,327	-3,277

Table 5A-B3.3.6.2-C. Old and Middle River Monthly Flow (C_OMR014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-16	57	439	0	450	1,117	287	169	101	20	-56	73
20%	-427	382	340	0	-53	117	199	-2	262	285	-363	430
30%	15	775	123	313	0	10	117	-25	-20	555	-243	3
40%	6	1,621	0	0	0	0	81	-18	14	977	148	55
50%	339	224	0	0	0	0	121	-98	0	976	516	377
60%	-9	215	0	0	0	0	101	-77	0	1,145	422	762
70%	216	21	634	338	-2	0	54	-58	0	875	472	502
80%	35	9	737	0	0	0	61	-54	0	520	280	530
90%	108	42	491	0	-14	19	103	-402	0	542	142	367

Table 5A-B3.3.6.2-D. Old and Middle River Monthly Flow (C_OMR014), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	34	322	274	70	85	134	131	-54	-15	618	163	428
Wet Water Years	104	402	177	62	355	374	393	-116	6	488	115	137
Above Normal Water Years	58	364	535	0	-143	7	140	27	-1	1,081	525	392
Below Normal Water Years	69	410	144	64	49	7	-3	-119	-19	1,300	485	1,289
Dry Water Years	-161	156	503	132	-137	0	-13	7	19	110	-222	229
Critical Water Years	28	165	200	85	11	81	-59	40	-103	6	-107	-46

Table 5A-B3.3.6.3-A. Old and Middle River Monthly Flow (C_OMR014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-2,181	-2,130	-2,715	-3,645	-2,783	-336	-552	-1,280	-1,908	-2,799	-2,326	-3,333
20%	-3,208	-3,103	-4,107	-3,645	-4,329	-3,141	-999	-1,724	-3,737	-6,155	-4,415	-3,866
30%	-3,657	-3,458	-5,200	-3,726	-4,464	-3,246	-1,350	-1,842	-4,580	-7,382	-6,710	-4,645
40%	-4,155	-4,156	-5,290	-4,516	-4,464	-3,258	-1,518	-1,880	-4,875	-7,965	-8,266	-5,404
50%	-4,334	-7,395	-5,290	-4,516	-4,464	-3,258	-1,637	-2,026	-5,000	-8,564	-8,779	-6,112
60%	-4,968	-8,605	-5,290	-4,516	-4,464	-3,258	-1,778	-2,089	-5,000	-8,890	-9,358	-6,652
70%	-6,059	-9,200	-5,458	-5,000	-4,466	-3,258	-1,884	-2,160	-5,000	-9,502	-9,710	-7,333
80%	-6,954	-9,458	-6,722	-5,000	-4,483	-3,258	-1,966	-2,349	-5,000	-10,017	-10,315	-8,231
90%	-7,768	-9,659	-8,414	-5,242	-5,000	-3,478	-2,080	-3,193	-5,000	-10,406	-10,611	-8,881

Table 5A-B3.3.6.3-B. Old and Middle River Monthly Flow (C_OMR014), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-4,846	-6,235	-5,355	-3,926	-3,785	-2,425	-1,238	-1,900	-4,306	-7,813	-7,675	-6,030
Wet Water Years	-5,298	-7,208	-5,046	-2,925	-2,656	-856	-523	-1,658	-4,404	-8,702	-9,343	-7,383
Above Normal Water Years	-4,971	-7,261	-6,523	-4,274	-3,725	-2,902	-1,393	-2,445	-4,942	-8,594	-9,739	-6,358
Below Normal Water Years	-4,729	-6,524	-6,065	-4,374	-4,374	-3,375	-1,717	-2,000	-4,920	-8,811	-9,397	-6,954
Dry Water Years	-4,981	-5,824	-5,117	-4,680	-4,658	-3,293	-1,826	-2,005	-4,730	-8,583	-5,291	-4,386
Critical Water Years	-3,797	-3,289	-4,173	-4,208	-4,335	-2,890	-1,213	-1,672	-2,101	-2,792	-2,348	-3,279

Table 5A-B3.3.6.3-C. Old and Middle River Monthly Flow (C_OMR014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	4	110	451	0	493	1,271	266	218	91	14	-93	74
20%	-364	359	268	0	37	117	201	6	369	180	-184	459
30%	63	782	90	316	0	12	124	-24	-1	613	-95	74
40%	14	1,731	0	0	0	0	83	-17	-15	946	266	39
50%	358	167	0	0	0	0	119	-111	0	939	574	369
60%	107	215	0	0	0	0	88	-84	0	1,146	470	756
70%	298	22	607	0	-2	0	54	-70	0	875	485	694
80%	62	9	736	0	0	0	61	-80	0	515	324	595
90%	296	17	452	0	-14	22	104	-402	0	670	207	343

Table 5A-B3.3.6.3-D. Old and Middle River Monthly Flow (C_OMR014), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	130	329	259	56	116	158	147	-57	0	638	195	439
Wet Water Years	403	414	182	48	373	432	428	-104	7	523	179	142
Above Normal Water Years	116	324	376	0	-13	14	138	-48	11	1,094	541	282
Below Normal Water Years	60	457	183	20	86	9	-2	-118	-21	1,330	501	1,345
Dry Water Years	-174	159	549	132	-142	0	-13	23	20	137	-174	291
Critical Water Years	13	146	108	95	15	111	-32	38	-17	-22	-129	-48

Table 5A-B3.3.6.4-A. Old and Middle River Monthly Flow (C_OMR014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-2,179	-2,125	-2,982	-3,645	-3,166	-332	-561	-1,245	-1,912	-2,643	-2,267	-3,331
20%	-3,136	-3,093	-4,166	-3,645	-4,276	-3,002	-998	-1,732	-3,625	-5,956	-4,603	-3,906
30%	-3,706	-3,421	-5,255	-3,706	-4,464	-3,244	-1,350	-1,840	-4,570	-7,318	-6,575	-4,617
40%	-4,180	-4,159	-5,290	-4,516	-4,464	-3,258	-1,500	-1,890	-4,852	-7,948	-8,232	-5,326
50%	-4,351	-7,182	-5,290	-4,516	-4,464	-3,258	-1,637	-2,054	-5,000	-8,583	-8,799	-6,135
60%	-4,893	-8,574	-5,290	-4,516	-4,464	-3,258	-1,763	-2,100	-5,000	-8,863	-9,408	-6,837
70%	-6,099	-9,198	-5,555	-4,528	-4,464	-3,258	-1,890	-2,168	-5,000	-9,485	-9,746	-7,494
80%	-7,006	-9,437	-6,774	-5,000	-4,483	-3,258	-1,967	-2,365	-5,000	-9,920	-10,396	-8,285
90%	-7,786	-9,656	-8,370	-5,242	-5,000	-3,459	-2,066	-3,193	-5,000	-10,439	-10,681	-8,896

Table 5A-B3.3.6.4-B. Old and Middle River Monthly Flow (C_OMR014), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-4,869	-6,181	-5,354	-3,910	-3,800	-2,398	-1,229	-1,906	-4,287	-7,788	-7,695	-6,071
Wet Water Years	-5,282	-7,166	-5,013	-2,925	-2,636	-783	-489	-1,644	-4,403	-8,705	-9,363	-7,393
Above Normal Water Years	-5,006	-7,257	-6,439	-4,274	-3,763	-2,900	-1,437	-2,487	-4,940	-8,560	-9,882	-6,443
Below Normal Water Years	-4,773	-6,332	-6,115	-4,350	-4,416	-3,375	-1,728	-2,020	-4,894	-8,866	-9,481	-7,066
Dry Water Years	-5,048	-5,849	-5,166	-4,680	-4,658	-3,292	-1,816	-2,007	-4,693	-8,416	-5,151	-4,387
Critical Water Years	-3,811	-3,293	-4,178	-4,136	-4,378	-2,870	-1,182	-1,671	-2,056	-2,750	-2,348	-3,278

Table 5A-B3.3.6.4-C. Old and Middle River Monthly Flow (C_OMR014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	6	115	183	0	111	1,275	257	253	87	170	-35	75
20%	-291	370	209	0	89	256	201	-2	482	379	-373	420
30%	13	819	35	336	0	14	123	-23	8	676	39	102
40%	-11	1,727	0	0	0	0	102	-26	8	963	300	117
50%	342	380	0	0	0	0	119	-139	0	920	554	346
60%	181	247	0	0	0	0	102	-95	0	1,173	419	570
70%	258	24	510	472	0	0	48	-78	0	892	449	533
80%	11	30	684	0	0	0	59	-96	0	613	243	542
90%	279	20	496	0	-14	41	117	-402	0	637	138	328

Table 5A-B3.3.6.4-D. Old and Middle River Monthly Flow (C_OMR014), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	107	384	260	73	101	185	156	-63	19	663	174	398
Wet Water Years	419	457	216	48	392	506	462	-90	7	520	159	132
Above Normal Water Years	81	329	461	0	-51	16	94	-90	12	1,129	398	196
Below Normal Water Years	17	649	134	44	44	9	-13	-138	5	1,276	418	1,232
Dry Water Years	-242	133	500	133	-141	0	-3	21	57	305	-34	290
Critical Water Years	0	142	104	167	-28	131	-1	39	28	19	-128	-47

Table 5A-B3.3.6.5-A. Old and Middle River Monthly Flow (C_OMR014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-2,183	-2,129	-2,715	-3,645	-2,421	-336	-552	-1,280	-1,908	-2,797	-2,326	-3,332
20%	-3,253	-3,103	-4,176	-3,645	-4,327	-3,142	-999	-1,724	-3,742	-6,155	-4,415	-3,866
30%	-3,656	-3,459	-5,200	-3,726	-4,464	-3,246	-1,350	-1,842	-4,580	-7,382	-6,711	-4,646
40%	-4,101	-4,073	-5,290	-4,516	-4,464	-3,258	-1,518	-1,880	-4,875	-7,962	-8,265	-5,403
50%	-4,336	-7,395	-5,290	-4,516	-4,464	-3,258	-1,637	-2,026	-5,000	-8,564	-8,775	-6,146
60%	-4,968	-8,606	-5,290	-4,516	-4,464	-3,258	-1,778	-2,089	-5,000	-8,890	-9,358	-6,652
70%	-6,059	-9,200	-5,458	-5,000	-4,466	-3,258	-1,884	-2,160	-5,000	-9,502	-9,711	-7,333
80%	-6,876	-9,459	-6,721	-5,000	-4,483	-3,258	-1,966	-2,349	-5,000	-10,018	-10,314	-8,231
90%	-7,765	-9,659	-8,414	-5,242	-5,000	-3,481	-2,080	-3,193	-5,000	-10,406	-10,611	-8,881

Table 5A-B3.3.6.5-B. Old and Middle River Monthly Flow (C_OMR014), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-4,832	-6,233	-5,353	-3,919	-3,774	-2,420	-1,237	-1,899	-4,306	-7,810	-7,680	-6,039
Wet Water Years	-5,305	-7,208	-5,035	-2,902	-2,652	-840	-522	-1,656	-4,404	-8,702	-9,343	-7,382
Above Normal Water Years	-4,968	-7,261	-6,527	-4,274	-3,725	-2,902	-1,393	-2,445	-4,942	-8,569	-9,739	-6,424
Below Normal Water Years	-4,706	-6,525	-6,064	-4,374	-4,374	-3,375	-1,717	-2,000	-4,920	-8,811	-9,408	-6,954
Dry Water Years	-4,980	-5,823	-5,115	-4,680	-4,658	-3,293	-1,826	-2,005	-4,730	-8,587	-5,312	-4,388
Critical Water Years	-3,732	-3,271	-4,182	-4,209	-4,266	-2,898	-1,212	-1,672	-2,102	-2,789	-2,346	-3,279

Table 5A-B3.3.6.5-C. Old and Middle River Monthly Flow (C_OMR014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2	110	451	0	855	1,271	266	218	90	16	-93	74
20%	-409	360	199	0	38	116	201	6	365	180	-185	459
30%	63	781	90	316	0	12	124	-25	-2	612	-97	73
40%	69	1,814	0	0	0	0	83	-17	-15	949	266	39
50%	356	167	0	0	0	0	119	-111	0	939	578	335
60%	107	215	0	0	0	0	88	-84	0	1,146	469	755
70%	298	22	608	0	-2	0	54	-70	0	875	484	694
80%	141	9	737	0	0	0	61	-80	0	515	325	595
90%	299	17	452	0	-14	19	104	-402	0	670	207	343

Table 5A-B3.3.6.5-D. Old and Middle River Monthly Flow (C_OMR014), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	143	332	261	64	127	162	147	-57	-1	641	189	430
Wet Water Years	396	415	193	70	376	449	429	-101	7	523	179	143
Above Normal Water Years	119	324	373	0	-13	14	138	-48	11	1,119	541	215
Below Normal Water Years	84	456	185	20	86	9	-2	-118	-21	1,330	490	1,345
Dry Water Years	-174	159	551	132	-142	0	-13	23	20	133	-195	290
Critical Water Years	78	164	99	94	84	103	-31	38	-18	-19	-126	-48

B.3.7 Qwest

Figure 5A-B3.3.7.1-A. Qwest Monthly Flow (C_SJR013), Probability of Exceedance for Existing Condition, October to March

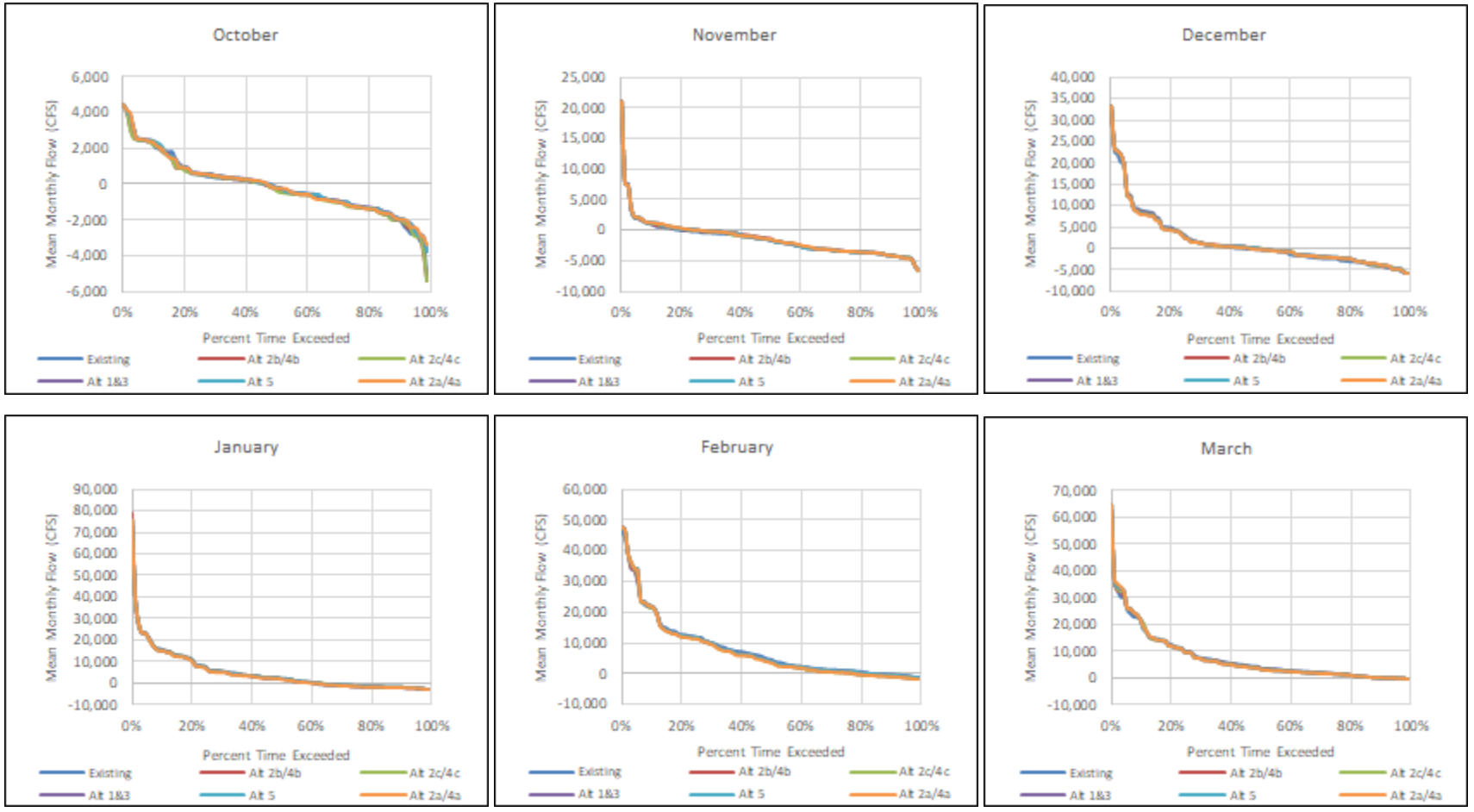


Figure 5A-B3.3.7.1-B. Qwest Monthly Flow (C_SJR013), Probability of Exceedance for Existing Condition, April to September

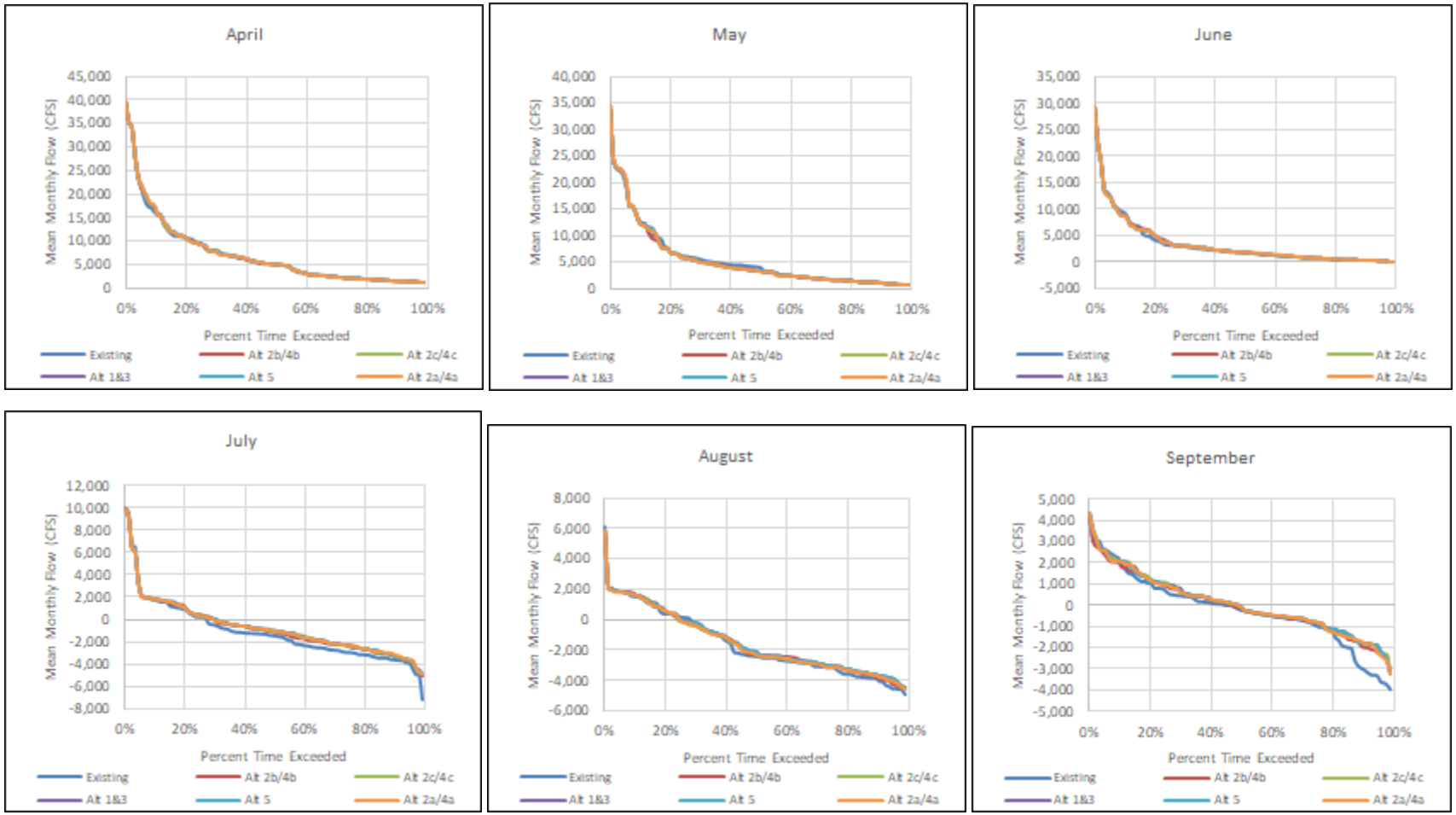


Table 5A-B3.3.7.1-A. Qwest Monthly Flow (C_SJR013), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,171	975	8,893	15,836	21,441	21,498	15,971	12,710	9,153	1,776	1,534	2,097
20%	922	-26	4,878	11,305	12,573	12,740	10,638	6,918	4,099	881	385	1,023
30%	374	-417	1,258	5,780	9,942	7,877	7,836	5,446	2,820	-475	-201	441
40%	213	-917	264	3,574	7,044	5,798	6,116	4,374	2,089	-1,170	-1,348	102
50%	-180	-1,682	-276	2,354	4,485	4,237	4,892	3,862	1,647	-1,430	-2,416	-226
60%	-545	-2,587	-1,317	723	1,939	3,050	3,098	2,326	1,143	-2,297	-2,705	-475
70%	-939	-3,209	-2,233	-825	1,065	2,346	2,356	1,781	684	-2,700	-3,075	-710
80%	-1,351	-3,617	-3,006	-1,573	514	1,548	1,915	1,453	406	-3,114	-3,577	-1,191
90%	-1,841	-4,129	-4,041	-1,903	-460	429	1,474	1,002	204	-3,563	-3,860	-2,942

Table 5A-B3.3.7.1-B. Qwest Monthly Flow (C_SJR013), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-111	-1,349	1,519	5,334	7,873	7,960	7,176	5,445	3,252	-1,089	-1,601	-228
Wet Water Years	-332	-850	6,686	14,207	16,865	16,981	14,398	10,971	7,067	227	-1,656	729
Above Normal Water Years	265	-2,818	-1,292	6,230	9,937	8,642	6,865	5,757	2,893	-1,903	-2,926	972
Below Normal Water Years	124	-1,803	-692	1,205	3,464	3,785	4,249	3,215	947	-2,779	-3,568	-2,511
Dry Water Years	-153	-1,649	-1,703	-810	2,032	2,252	2,442	1,716	508	-2,660	-408	-372
Critical Water Years	-279	-106	15	-936	440	1,126	1,977	1,100	2,142	1,240	1,378	447

Table 5A-B3.3.7.1-C. Qwest Monthly Flow (C_SJR013), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,329	1,006	8,526	15,405	21,445	21,792	16,656	12,308	8,643	1,763	1,635	1,949
20%	893	165	4,502	10,878	12,320	12,380	10,727	6,928	5,001	1,070	486	1,264
30%	445	-248	1,445	5,404	9,924	7,583	7,782	4,942	2,901	9	-450	708
40%	244	-750	535	3,514	6,532	5,557	6,193	4,014	2,177	-616	-1,239	214
50%	-222	-1,388	-218	2,197	4,094	3,935	5,036	3,243	1,690	-1,124	-2,358	-135
60%	-581	-2,519	-702	459	2,160	2,810	3,202	2,333	1,184	-1,720	-2,498	-488
70%	-880	-3,154	-1,983	-901	876	2,076	2,366	1,837	742	-2,189	-2,902	-654
80%	-1,342	-3,591	-2,418	-1,604	-87	1,431	1,858	1,451	396	-2,659	-3,305	-1,179
90%	-2,000	-4,099	-3,974	-1,923	-665	364	1,444	1,035	207	-3,194	-3,819	-1,887

Table 5A-B3.3.7.1-D. Qwest Monthly Flow (C_SJR013), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-143	-1,285	1,641	5,245	7,705	7,841	7,252	5,287	3,337	-742	-1,521	7
Wet Water Years	-466	-843	6,660	14,111	16,982	17,049	14,657	10,634	7,073	430	-1,586	775
Above Normal Water Years	141	-2,717	-951	5,887	9,324	8,284	6,842	5,499	3,686	-967	-2,610	1,083
Below Normal Water Years	91	-1,536	-691	1,091	3,198	3,476	4,266	3,094	890	-2,199	-3,359	-1,781
Dry Water Years	-113	-1,665	-1,305	-771	1,696	2,103	2,437	1,751	513	-2,522	-554	-248
Critical Water Years	-98	-178	136	-900	388	1,143	1,931	1,136	2,107	1,264	1,331	540

Table 5A-B3.3.7.1-E. Qwest Monthly Flow (C_SJR013), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	158	32	-368	-430	4	294	685	-402	-509	-13	101	-149
20%	-30	191	-376	-427	-253	-360	89	10	902	190	101	240
30%	72	170	187	-375	-17	-294	-54	-504	81	484	-249	267
40%	31	167	271	-60	-512	-241	76	-360	89	554	108	111
50%	-42	294	58	-157	-391	-303	144	-619	43	306	58	91
60%	-36	68	615	-264	221	-239	104	7	41	577	207	-13
70%	59	55	250	-76	-189	-270	10	56	58	511	173	56
80%	9	26	588	-31	-601	-117	-57	-1	-10	455	272	12
90%	-159	30	67	-20	-204	-65	-29	33	3	369	41	1,054

Table 5A-B3.3.7.1-F. Qwest Monthly Flow (C_SJR013), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-33	64	121	-89	-168	-119	76	-158	85	347	80	235
Wet Water Years	-134	7	-26	-96	117	68	258	-337	6	203	70	46
Above Normal Water Years	-124	101	341	-343	-613	-357	-23	-258	793	937	316	112
Below Normal Water Years	-34	267	1	-114	-266	-309	18	-121	-57	580	209	730
Dry Water Years	40	-16	399	39	-336	-149	-5	35	5	138	-145	125
Critical Water Years	181	-71	121	36	-52	17	-46	35	-35	24	-48	93

Table 5A-B3.3.7.2-A. Qwest Monthly Flow (C_SJR013), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,206	1,048	8,318	15,269	21,436	21,851	16,789	12,309	8,650	1,770	1,528	2,041
20%	795	281	4,354	10,699	12,281	12,211	10,719	6,935	5,005	981	534	1,208
30%	435	-222	1,349	5,334	9,807	7,583	7,837	4,935	2,885	-56	-410	773
40%	240	-914	484	3,508	6,310	5,461	6,299	3,833	2,181	-593	-1,233	233
50%	-280	-1,537	51	2,123	4,005	3,790	5,061	3,245	1,692	-1,075	-2,254	-85
60%	-587	-2,632	-671	344	2,205	2,788	3,205	2,325	1,224	-1,537	-2,652	-520
70%	-1,004	-3,170	-1,983	-827	836	2,064	2,365	1,795	703	-2,190	-2,885	-635
80%	-1,337	-3,642	-2,391	-1,617	0	1,422	1,882	1,399	400	-2,618	-3,274	-1,132
90%	-1,988	-4,118	-3,963	-1,929	-546	377	1,476	1,035	207	-3,261	-3,672	-1,754

Table 5A-B3.3.7.2-B. Qwest Monthly Flow (C_SJR013), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-165	-1,314	1,634	5,142	7,699	7,835	7,286	5,320	3,310	-724	-1,499	62
Wet Water Years	-489	-716	6,581	13,908	16,986	17,163	14,727	10,713	7,049	461	-1,630	807
Above Normal Water Years	172	-2,888	-900	5,793	9,313	8,171	6,915	5,640	3,559	-949	-2,531	1,285
Below Normal Water Years	33	-1,642	-683	1,033	3,231	3,393	4,267	3,064	886	-2,106	-3,216	-1,701
Dry Water Years	-79	-1,805	-1,257	-792	1,642	2,059	2,442	1,723	532	-2,595	-562	-249
Critical Water Years	-167	-169	151	-961	360	1,140	1,938	1,147	2,067	1,241	1,291	543

Table 5A-B3.3.7.2-C. Qwest Monthly Flow (C_SJR013), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	35	73	-575	-567	-5	353	819	-401	-503	-6	-7	-57
20%	-127	308	-524	-605	-292	-529	81	17	906	101	150	185
30%	61	195	91	-445	-134	-294	1	-511	65	419	-210	332
40%	28	4	220	-66	-735	-336	183	-541	92	577	115	130
50%	-99	145	327	-231	-480	-447	169	-618	45	355	163	141
60%	-42	-45	646	-379	266	-261	107	-1	81	760	53	-44
70%	-65	38	250	-2	-229	-282	9	14	20	510	190	75
80%	14	-25	615	-45	-514	-126	-32	-54	-6	496	304	59
90%	-147	11	78	-26	-86	-52	2	34	2	301	188	1,188

Table 5A-B3.3.7.2-D. Qwest Monthly Flow (C_SJR013), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-54	35	115	-192	-174	-124	110	-124	58	366	102	290
Wet Water Years	-157	134	-106	-299	120	182	329	-258	-18	235	26	78
Above Normal Water Years	-93	-70	392	-436	-624	-471	50	-116	666	955	394	313
Below Normal Water Years	-92	161	9	-172	-232	-391	18	-150	-60	674	352	810
Dry Water Years	73	-155	446	18	-390	-192	1	7	24	65	-153	123
Critical Water Years	112	-63	136	-25	-79	14	-39	46	-75	0	-88	96

Table 5A-B3.3.7.3-A. Qwest Monthly Flow (C_SJR013), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,333	1,193	8,122	15,122	21,820	21,239	16,848	12,300	8,653	1,804	1,528	2,029
20%	953	239	4,281	10,595	12,362	12,202	10,739	6,936	5,006	985	537	1,117
30%	475	-201	1,152	5,278	9,810	7,580	7,838	4,929	2,891	28	-308	771
40%	274	-819	515	3,502	6,201	5,374	6,298	3,830	2,193	-603	-1,119	299
50%	-176	-1,535	-55	2,074	3,915	3,739	5,061	3,244	1,693	-1,020	-2,142	-67
60%	-558	-2,606	-737	304	2,173	2,797	3,209	2,314	1,222	-1,606	-2,512	-498
70%	-992	-3,225	-1,980	-948	851	1,979	2,366	1,796	803	-2,184	-2,856	-634
80%	-1,307	-3,607	-2,387	-1,628	-8	1,413	1,882	1,398	431	-2,623	-3,268	-1,138
90%	-1,962	-4,125	-3,821	-1,928	-612	373	1,486	1,036	207	-3,198	-3,634	-1,785

Table 5A-B3.3.7.3-B. Qwest Monthly Flow (C_SJR013), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-59	-1,288	1,590	5,084	7,698	7,834	7,303	5,313	3,321	-710	-1,472	61
Wet Water Years	-162	-710	6,524	13,821	16,970	17,215	14,762	10,712	7,051	488	-1,568	792
Above Normal Water Years	217	-2,818	-1,077	5,700	9,404	8,163	6,914	5,553	3,545	-937	-2,516	1,204
Below Normal Water Years	26	-1,607	-665	963	3,221	3,351	4,272	3,066	889	-2,090	-3,200	-1,669
Dry Water Years	-82	-1,807	-1,214	-800	1,594	2,004	2,447	1,749	542	-2,576	-536	-208
Critical Water Years	-182	-122	52	-967	380	1,158	1,966	1,144	2,132	1,220	1,276	541

Table 5A-B3.3.7.3-C. Qwest Monthly Flow (C_SJR013), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	162	218	-772	-713	379	-259	878	-409	-500	27	-7	-69
20%	30	265	-598	-709	-211	-538	101	18	907	104	152	93
30%	101	216	-105	-501	-132	-297	2	-517	71	503	-107	330
40%	61	98	251	-72	-843	-423	182	-544	104	567	228	196
50%	4	147	221	-280	-570	-498	169	-618	46	411	274	159
60%	-13	-19	580	-419	234	-253	111	-12	79	691	193	-23
70%	-53	-16	253	-123	-214	-367	10	15	120	516	219	77
80%	44	11	619	-55	-522	-136	-32	-55	25	491	310	53
90%	-121	3	220	-24	-152	-56	12	34	2	365	226	1,157

Table 5A-B3.3.7.3-D. Qwest Monthly Flow (C_SJR013), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	51	61	71	-250	-175	-126	127	-131	69	379	129	289
Wet Water Years	170	140	-162	-386	105	233	364	-259	-16	261	87	63
Above Normal Water Years	-47	0	215	-530	-533	-479	49	-204	651	967	409	232
Below Normal Water Years	-99	195	27	-242	-243	-434	23	-149	-58	689	368	842
Dry Water Years	70	-157	489	10	-438	-248	5	33	33	84	-128	165
Critical Water Years	97	-15	37	-31	-59	31	-11	44	-10	-20	-103	94

Table 5A-B3.3.7.4-A. Qwest Monthly Flow (C_SJR013), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,301	1,215	7,999	15,124	21,952	21,463	17,050	12,314	8,655	1,808	1,635	2,029
20%	903	313	4,242	10,473	12,236	12,215	10,741	6,944	5,011	1,027	596	1,159
30%	481	-198	1,151	5,167	9,812	7,572	7,843	4,924	2,908	-118	-368	578
40%	266	-875	459	3,476	6,125	5,330	6,309	3,832	2,210	-596	-1,115	312
50%	-215	-1,480	-219	2,076	3,860	3,684	5,066	3,177	1,699	-1,020	-2,261	-74
60%	-580	-2,420	-763	288	2,135	2,731	3,140	2,312	1,325	-1,625	-2,519	-458
70%	-988	-3,261	-1,980	-941	848	1,982	2,310	1,800	836	-2,180	-2,889	-636
80%	-1,365	-3,585	-2,356	-1,635	-14	1,416	1,883	1,406	434	-2,587	-3,265	-1,270
90%	-1,928	-4,125	-3,649	-1,911	-658	398	1,506	1,036	213	-3,080	-3,616	-1,702

Table 5A-B3.3.7.4-B. Qwest Monthly Flow (C_SJR013), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-72	-1,251	1,577	5,078	7,676	7,847	7,319	5,308	3,341	-687	-1,482	37
Wet Water Years	-198	-689	6,526	13,794	16,990	17,303	14,800	10,729	7,060	488	-1,577	790
Above Normal Water Years	193	-2,795	-1,013	5,647	9,361	8,124	6,882	5,496	3,553	-905	-2,615	1,145
Below Normal Water Years	-25	-1,477	-706	964	3,174	3,323	4,271	3,048	913	-2,124	-3,242	-1,741
Dry Water Years	7	-1,827	-1,270	-803	1,575	1,967	2,469	1,751	573	-2,450	-444	-203
Critical Water Years	-193	-120	31	-903	324	1,172	1,996	1,146	2,168	1,252	1,277	543

Table 5A-B3.3.7.4-C. Qwest Monthly Flow (C_SJR013), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	129	240	-894	-712	511	-35	1,080	-395	-497	32	100	-68
20%	-19	339	-637	-832	-337	-525	103	27	912	146	212	136
30%	107	219	-107	-613	-129	-305	8	-522	87	357	-167	137
40%	53	43	196	-97	-920	-467	193	-542	121	573	233	210
50%	-35	202	57	-278	-625	-553	174	-685	52	411	155	152
60%	-35	167	553	-436	196	-318	42	-14	182	672	186	17
70%	-49	-53	253	-117	-216	-364	-45	19	152	520	186	74
80%	-14	32	650	-62	-528	-132	-31	-47	28	527	313	-79
90%	-87	3	392	-8	-198	-31	32	35	9	483	244	1,240

Table 5A-B3.3.7.4-D. Qwest Monthly Flow (C_SJR013), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	39	98	57	-256	-197	-113	143	-137	89	402	120	265
Wet Water Years	134	161	-160	-413	124	322	402	-241	-7	261	78	61
Above Normal Water Years	-72	23	279	-583	-576	-517	17	-261	660	999	311	173
Below Normal Water Years	-149	326	-14	-240	-290	-462	22	-166	-34	655	326	770
Dry Water Years	160	-178	433	7	-457	-285	28	35	65	211	-35	169
Critical Water Years	86	-14	16	33	-115	46	19	45	26	12	-102	96

Table 5A-B3.3.7.5-A. Qwest Monthly Flow (C_SJR013), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,420	1,180	8,122	15,122	21,792	21,319	16,846	12,300	8,653	1,804	1,528	2,029
20%	954	234	4,272	10,610	12,362	12,180	10,739	6,920	5,006	985	537	1,117
30%	474	-201	1,148	5,278	9,809	7,580	7,838	4,929	2,892	28	-308	666
40%	273	-817	515	3,502	6,201	5,376	6,299	3,830	2,184	-603	-1,119	299
50%	-175	-1,548	-144	2,074	3,915	3,739	5,061	3,243	1,693	-1,020	-2,138	-64
60%	-546	-2,606	-737	301	2,173	2,797	3,209	2,315	1,224	-1,606	-2,579	-512
70%	-952	-3,226	-1,978	-948	848	1,979	2,365	1,796	818	-2,184	-2,856	-634
80%	-1,336	-3,628	-2,397	-1,628	145	1,413	1,883	1,398	431	-2,623	-3,268	-1,141
90%	-1,963	-4,125	-3,821	-1,928	-612	373	1,486	1,036	206	-3,188	-3,634	-1,792

Table 5A-B3.3.7.5-B. Qwest Monthly Flow (C_SJR013), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-53	-1,294	1,592	5,092	7,708	7,838	7,304	5,313	3,317	-707	-1,475	52
Wet Water Years	-170	-723	6,536	13,844	16,969	17,233	14,764	10,713	7,047	491	-1,568	784
Above Normal Water Years	220	-2,829	-1,080	5,701	9,398	8,163	6,914	5,553	3,525	-919	-2,516	1,155
Below Normal Water Years	48	-1,619	-662	963	3,221	3,349	4,272	3,066	889	-2,090	-3,206	-1,670
Dry Water Years	-94	-1,812	-1,213	-798	1,600	2,004	2,447	1,749	542	-2,579	-549	-209
Critical Water Years	-145	-102	35	-967	445	1,151	1,966	1,144	2,132	1,222	1,278	542

Table 5A-B3.3.7.5-C. Qwest Monthly Flow (C_SJR013), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	248	205	-772	-714	351	-179	875	-410	-500	27	-7	-69
20%	32	261	-607	-694	-211	-560	101	3	907	104	152	94
30%	101	216	-110	-501	-132	-297	2	-517	72	502	-107	225
40%	61	100	251	-72	-844	-422	182	-544	95	566	228	196
50%	6	134	132	-280	-570	-499	169	-619	46	411	278	162
60%	-1	-19	579	-422	234	-253	111	-11	80	691	126	-37
70%	-14	-18	255	-124	-217	-367	10	15	134	516	219	77
80%	15	-11	610	-55	-369	-136	-31	-55	25	491	310	51
90%	-121	3	220	-24	-152	-56	12	34	2	375	225	1,149

Table 5A-B3.3.7.5-D. Qwest Monthly Flow (C_SJR013), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	58	55	73	-242	-165	-122	128	-131	65	382	126	280
Wet Water Years	162	127	-150	-362	104	251	365	-258	-20	264	88	56
Above Normal Water Years	-45	-11	211	-528	-539	-479	49	-204	632	985	409	183
Below Normal Water Years	-77	184	30	-242	-242	-436	23	-149	-58	689	362	841
Dry Water Years	58	-162	490	13	-432	-248	5	33	33	81	-140	164
Critical Water Years	134	5	21	-31	5	24	-11	44	-10	-18	-101	95

B.3.8 Delta Cross Channel

Figure 5A-B3.3.8.1-A. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Probability of Exceedance for Existing Condition, October to March

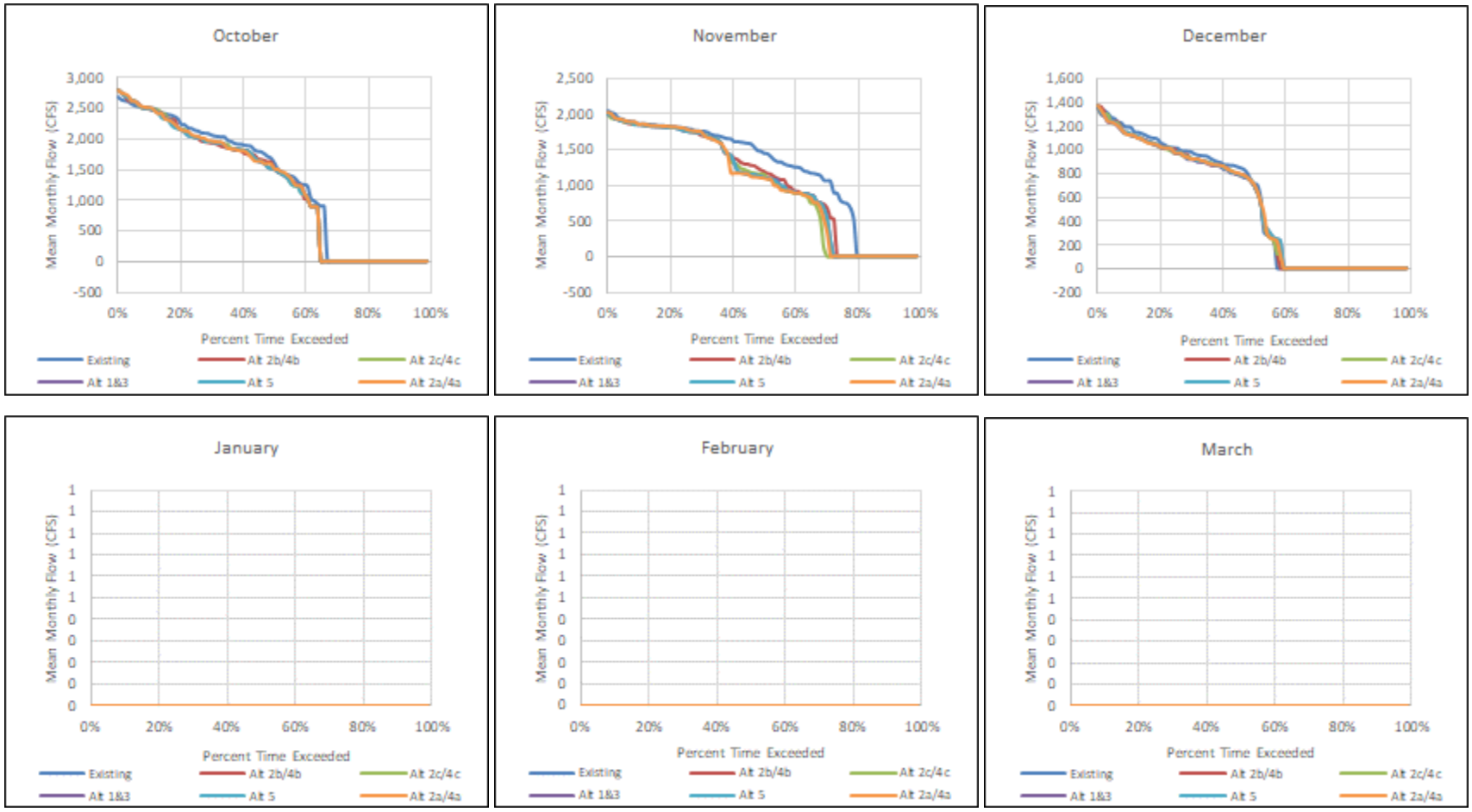


Figure 5A-B3.3.8.1-B. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Probability of Exceedance for Existing Condition, April to September

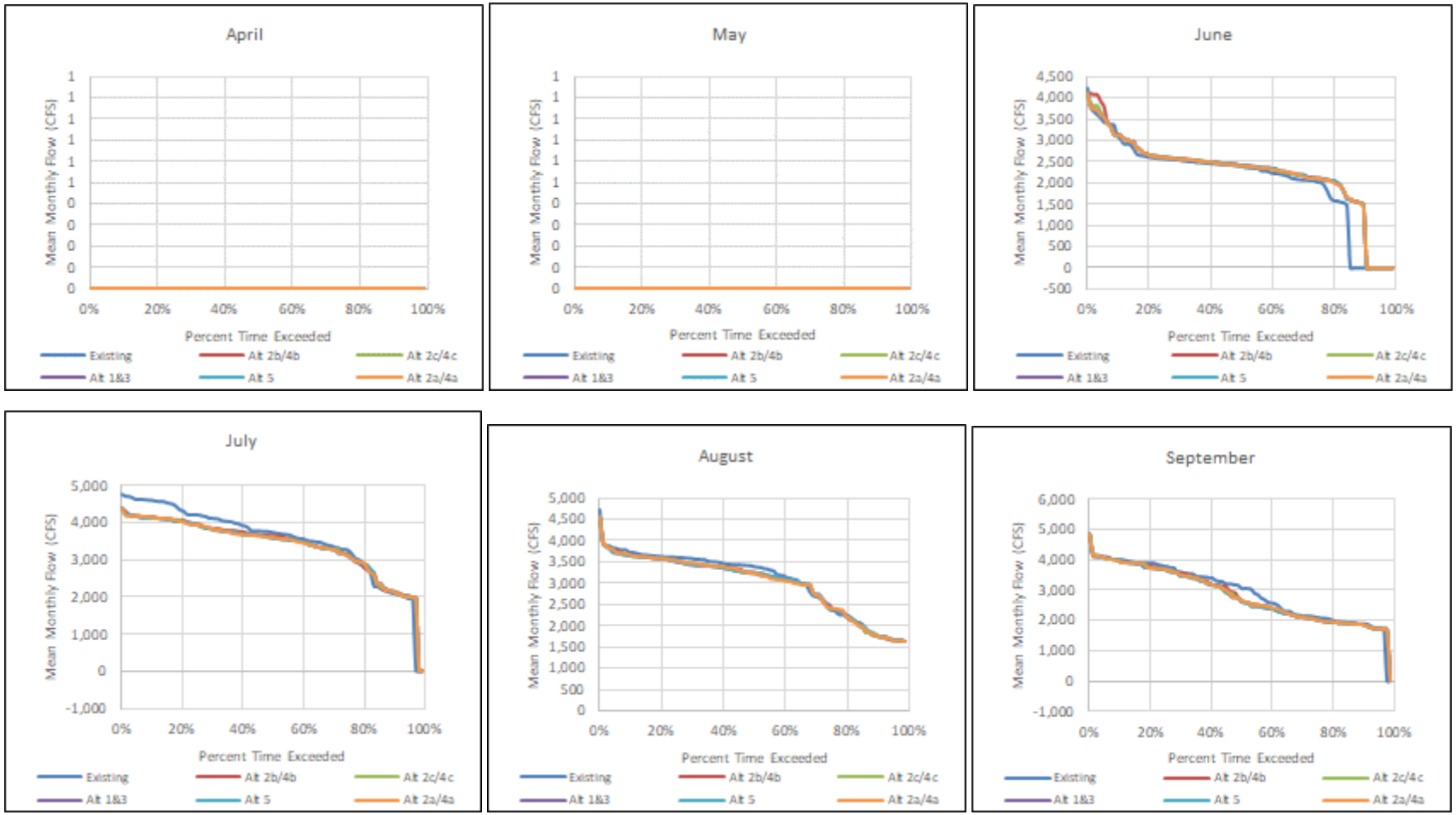


Table 5A-B3.3.8.1-A. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,519	1,856	1,185	0	0	0	0	0	3,081	4,588	3,720	3,985
20%	2,284	1,817	1,064	0	0	0	0	0	2,601	4,310	3,624	3,872
30%	2,078	1,754	979	0	0	0	0	0	2,530	4,106	3,577	3,582
40%	1,919	1,636	883	0	0	0	0	0	2,451	3,913	3,468	3,385
50%	1,654	1,456	726	0	0	0	0	0	2,390	3,728	3,398	3,093
60%	1,261	1,253	0	0	0	0	0	0	2,231	3,556	3,173	2,571
70%	0	1,062	0	0	0	0	0	0	2,069	3,353	2,702	2,162
80%	0	310	0	0	0	0	0	0	1,614	2,881	2,255	2,029
90%	0	0	0	0	0	0	0	0	0	2,091	1,782	1,879

Table 5A-B3.3.8.1-B. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,315	1,215	551	0	0	0	0	0	2,105	3,514	3,063	2,919
Wet Water Years	1,269	1,132	201	0	0	0	0	0	1,869	3,698	3,494	3,659
Above Normal Water Years	1,946	1,294	488	0	0	0	0	0	1,752	3,702	3,708	3,669
Below Normal Water Years	1,354	1,441	668	0	0	0	0	0	2,472	4,052	3,391	2,877
Dry Water Years	1,457	1,239	905	0	0	0	0	0	2,458	3,455	2,437	2,080
Critical Water Years	651	939	767	0	0	0	0	0	1,934	2,180	1,788	1,714

Table 5A-B3.3.8.1-C. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,491	1,850	1,136	0	0	0	0	0	3,125	4,158	3,673	3,938
20%	2,166	1,813	1,031	0	0	0	0	0	2,657	4,065	3,597	3,788
30%	1,938	1,701	925	0	0	0	0	0	2,562	3,844	3,474	3,561
40%	1,802	1,407	860	0	0	0	0	0	2,500	3,750	3,387	3,218
50%	1,569	1,200	721	0	0	0	0	0	2,423	3,647	3,274	2,675
60%	1,071	927	0	0	0	0	0	0	2,343	3,492	3,106	2,417
70%	0	724	0	0	0	0	0	0	2,173	3,282	2,779	2,118
80%	0	0	0	0	0	0	0	0	2,041	2,834	2,313	1,948
90%	0	0	0	0	0	0	0	0	1,498	2,140	1,788	1,865

Table 5A-B3.3.8.1-D. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,243	1,053	537	0	0	0	0	0	2,278	3,381	3,025	2,838
Wet Water Years	1,064	974	194	0	0	0	0	0	2,034	3,539	3,420	3,626
Above Normal Water Years	1,800	1,176	466	0	0	0	0	0	2,724	3,798	3,622	3,651
Below Normal Water Years	1,195	1,294	662	0	0	0	0	0	2,448	3,699	3,335	2,567
Dry Water Years	1,673	1,068	868	0	0	0	0	0	2,462	3,400	2,483	2,002
Critical Water Years	733	721	757	0	0	0	0	0	1,942	2,164	1,798	1,835

Table 5A-B3.3.8.1-E. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-28	-5	-49	0	0	0	0	0	43	-430	-47	-47
20%	-118	-4	-32	0	0	0	0	0	56	-245	-28	-84
30%	-141	-53	-53	0	0	0	0	0	31	-262	-102	-21
40%	-117	-229	-23	0	0	0	0	0	48	-163	-81	-168
50%	-85	-256	-5	0	0	0	0	0	33	-80	-123	-418
60%	-189	-326	0	0	0	0	0	0	112	-64	-67	-155
70%	0	-337	0	0	0	0	0	0	104	-70	77	-45
80%	0	-310	0	0	0	0	0	0	428	-47	58	-81
90%	0	0	0	0	0	0	0	0	1,498	49	6	-14

Table 5A-B3.3.8.1-F. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-72	-162	-14	0	0	0	0	0	173	-133	-38	-81
Wet Water Years	-205	-158	-7	0	0	0	0	0	165	-159	-74	-33
Above Normal Water Years	-146	-118	-22	0	0	0	0	0	972	96	-87	-18
Below Normal Water Years	-159	-148	-6	0	0	0	0	0	-24	-353	-56	-310
Dry Water Years	216	-172	-37	0	0	0	0	0	4	-55	46	-78
Critical Water Years	82	-218	-10	0	0	0	0	0	8	-16	10	121

Table 5A-B3.3.8.2-A. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,495	1,850	1,136	0	0	0	0	0	3,124	4,129	3,654	3,932
20%	2,172	1,810	1,027	0	0	0	0	0	2,662	4,040	3,600	3,738
30%	1,955	1,736	933	0	0	0	0	0	2,577	3,798	3,475	3,473
40%	1,826	1,326	866	0	0	0	0	0	2,500	3,685	3,378	3,165
50%	1,515	1,154	721	0	0	0	0	0	2,415	3,587	3,253	2,686
60%	1,105	892	23	0	0	0	0	0	2,340	3,463	3,098	2,374
70%	0	99	0	0	0	0	0	0	2,196	3,285	2,798	2,121
80%	0	0	0	0	0	0	0	0	2,041	2,904	2,313	1,948
90%	0	0	0	0	0	0	0	0	1,497	2,144	1,783	1,866

Table 5A-B3.3.8.2-B. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,244	1,006	537	0	0	0	0	0	2,267	3,363	3,019	2,821
Wet Water Years	1,054	970	193	0	0	0	0	0	2,021	3,530	3,433	3,615
Above Normal Water Years	1,784	936	477	0	0	0	0	0	2,664	3,761	3,606	3,600
Below Normal Water Years	1,213	1,290	658	0	0	0	0	0	2,447	3,634	3,293	2,532
Dry Water Years	1,673	979	867	0	0	0	0	0	2,458	3,423	2,484	2,006
Critical Water Years	745	729	760	0	0	0	0	0	1,951	2,174	1,809	1,834

Table 5A-B3.3.8.2-C. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-24	-5	-49	0	0	0	0	0	43	-459	-66	-53
20%	-112	-7	-37	0	0	0	0	0	61	-269	-25	-134
30%	-123	-18	-45	0	0	0	0	0	46	-307	-101	-109
40%	-93	-311	-17	0	0	0	0	0	48	-228	-91	-220
50%	-139	-302	-5	0	0	0	0	0	24	-141	-145	-407
60%	-155	-360	23	0	0	0	0	0	109	-93	-75	-198
70%	0	-962	0	0	0	0	0	0	127	-68	96	-42
80%	0	-310	0	0	0	0	0	0	427	23	58	-81
90%	0	0	0	0	0	0	0	0	1,497	54	1	-14

Table 5A-B3.3.8.2-D. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-72	-209	-14	0	0	0	0	0	162	-151	-44	-98
Wet Water Years	-216	-162	-8	0	0	0	0	0	152	-168	-60	-44
Above Normal Water Years	-162	-359	-11	0	0	0	0	0	912	59	-102	-69
Below Normal Water Years	-141	-151	-10	0	0	0	0	0	-24	-419	-97	-345
Dry Water Years	216	-261	-38	0	0	0	0	0	0	-33	47	-74
Critical Water Years	94	-210	-7	0	0	0	0	0	17	-6	21	120

Table 5A-B3.3.8.3-A. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,503	1,851	1,136	0	0	0	0	0	3,124	4,113	3,664	3,929
20%	2,166	1,809	1,027	0	0	0	0	0	2,668	4,021	3,599	3,720
30%	1,955	1,736	922	0	0	0	0	0	2,561	3,826	3,447	3,472
40%	1,823	1,397	855	0	0	0	0	0	2,496	3,685	3,372	3,172
50%	1,515	1,110	721	0	0	0	0	0	2,416	3,590	3,246	2,671
60%	1,144	916	46	0	0	0	0	0	2,351	3,486	3,115	2,376
70%	0	657	0	0	0	0	0	0	2,196	3,271	2,748	2,106
80%	0	0	0	0	0	0	0	0	2,060	2,893	2,298	1,949
90%	0	0	0	0	0	0	0	0	1,492	2,142	1,815	1,866

Table 5A-B3.3.8.3-B. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,243	1,026	538	0	0	0	0	0	2,263	3,358	3,015	2,813
Wet Water Years	1,051	967	193	0	0	0	0	0	2,019	3,522	3,429	3,603
Above Normal Water Years	1,773	1,037	492	0	0	0	0	0	2,647	3,757	3,602	3,622
Below Normal Water Years	1,215	1,286	654	0	0	0	0	0	2,450	3,624	3,292	2,515
Dry Water Years	1,682	974	867	0	0	0	0	0	2,463	3,417	2,470	1,991
Critical Water Years	742	794	759	0	0	0	0	0	1,936	2,180	1,813	1,835

Table 5A-B3.3.8.3-C. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-16	-5	-49	0	0	0	0	0	43	-475	-56	-55
20%	-118	-7	-36	0	0	0	0	0	66	-289	-25	-152
30%	-123	-18	-57	0	0	0	0	0	30	-279	-130	-110
40%	-96	-239	-28	0	0	0	0	0	44	-228	-97	-214
50%	-139	-346	-6	0	0	0	0	0	26	-138	-152	-422
60%	-117	-337	46	0	0	0	0	0	120	-70	-58	-196
70%	0	-405	0	0	0	0	0	0	127	-82	46	-56
80%	0	-310	0	0	0	0	0	0	447	12	43	-80
90%	0	0	0	0	0	0	0	0	1,492	51	33	-13

Table 5A-B3.3.8.3-D. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-73	-189	-13	0	0	0	0	0	158	-156	-48	-106
Wet Water Years	-219	-165	-8	0	0	0	0	0	150	-176	-65	-56
Above Normal Water Years	-173	-257	4	0	0	0	0	0	896	55	-106	-48
Below Normal Water Years	-139	-155	-14	0	0	0	0	0	-22	-428	-99	-361
Dry Water Years	225	-265	-38	0	0	0	0	0	5	-38	33	-89
Critical Water Years	91	-145	-8	0	0	0	0	0	2	0	25	121

Table 5A-B3.3.8.4-A. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,515	1,851	1,125	0	0	0	0	0	3,125	4,122	3,675	3,929
20%	2,167	1,814	1,027	0	0	0	0	0	2,666	4,011	3,598	3,711
30%	1,970	1,745	923	0	0	0	0	0	2,560	3,828	3,484	3,503
40%	1,807	1,164	865	0	0	0	0	0	2,495	3,666	3,408	3,200
50%	1,555	1,094	725	0	0	0	0	0	2,413	3,590	3,250	2,679
60%	1,138	889	23	0	0	0	0	0	2,318	3,445	3,079	2,416
70%	0	497	0	0	0	0	0	0	2,164	3,269	2,788	2,096
80%	0	0	0	0	0	0	0	0	2,038	2,911	2,318	1,946
90%	0	0	0	0	0	0	0	0	1,481	2,145	1,806	1,864

Table 5A-B3.3.8.4-B. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,248	1,007	538	0	0	0	0	0	2,259	3,352	3,019	2,822
Wet Water Years	994	952	190	0	0	0	0	0	2,020	3,521	3,432	3,606
Above Normal Water Years	1,780	1,057	475	0	0	0	0	0	2,647	3,749	3,630	3,638
Below Normal Water Years	1,202	1,211	663	0	0	0	0	0	2,444	3,634	3,315	2,541
Dry Water Years	1,831	977	868	0	0	0	0	0	2,455	3,383	2,433	1,992
Critical Water Years	743	796	765	0	0	0	0	0	1,928	2,171	1,813	1,834

Table 5A-B3.3.8.4-C. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-4	-5	-60	0	0	0	0	0	43	-466	-45	-56
20%	-117	-3	-36	0	0	0	0	0	65	-299	-26	-161
30%	-108	-9	-55	0	0	0	0	0	30	-277	-92	-79
40%	-112	-472	-18	0	0	0	0	0	43	-247	-60	-186
50%	-99	-363	-2	0	0	0	0	0	23	-138	-148	-414
60%	-122	-363	23	0	0	0	0	0	88	-111	-94	-156
70%	0	-565	0	0	0	0	0	0	96	-84	87	-66
80%	0	-310	0	0	0	0	0	0	424	30	63	-82
90%	0	0	0	0	0	0	0	0	1,481	54	25	-15

Table 5A-B3.3.8.4-D. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-67	-208	-13	0	0	0	0	0	154	-162	-44	-97
Wet Water Years	-275	-180	-11	0	0	0	0	0	150	-177	-61	-53
Above Normal Water Years	-166	-237	-13	0	0	0	0	0	895	47	-79	-31
Below Normal Water Years	-152	-231	-5	0	0	0	0	0	-28	-418	-76	-335
Dry Water Years	374	-263	-37	0	0	0	0	0	-3	-73	-4	-88
Critical Water Years	92	-143	-2	0	0	0	0	0	-6	-9	25	120

Table 5A-B3.3.8.5-A. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2,503	1,850	1,136	0	0	0	0	0	3,124	4,113	3,664	3,929
20%	2,161	1,809	1,027	0	0	0	0	0	2,668	4,021	3,599	3,719
30%	1,955	1,736	922	0	0	0	0	0	2,561	3,826	3,447	3,474
40%	1,823	1,397	855	0	0	0	0	0	2,496	3,685	3,372	3,172
50%	1,515	1,110	721	0	0	0	0	0	2,416	3,576	3,251	2,671
60%	1,105	902	46	0	0	0	0	0	2,351	3,486	3,115	2,379
70%	0	657	0	0	0	0	0	0	2,196	3,271	2,747	2,107
80%	0	0	0	0	0	0	0	0	2,059	2,893	2,298	1,949
90%	0	0	0	0	0	0	0	0	1,492	2,142	1,815	1,866

Table 5A-B3.3.8.5-B. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	1,238	1,025	538	0	0	0	0	0	2,263	3,358	3,017	2,813
Wet Water Years	1,051	965	193	0	0	0	0	0	2,019	3,524	3,429	3,598
Above Normal Water Years	1,773	1,037	492	0	0	0	0	0	2,647	3,752	3,602	3,635
Below Normal Water Years	1,215	1,285	654	0	0	0	0	0	2,450	3,624	3,295	2,515
Dry Water Years	1,669	974	867	0	0	0	0	0	2,463	3,418	2,476	1,991
Critical Water Years	723	794	756	0	0	0	0	0	1,936	2,179	1,813	1,835

Table 5A-B3.3.8.5-C. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-16	-6	-49	0	0	0	0	0	43	-475	-56	-55
20%	-124	-7	-37	0	0	0	0	0	66	-289	-25	-153
30%	-123	-18	-57	0	0	0	0	0	30	-279	-130	-108
40%	-96	-239	-28	0	0	0	0	0	44	-228	-97	-214
50%	-139	-346	-6	0	0	0	0	0	26	-152	-147	-422
60%	-156	-351	46	0	0	0	0	0	120	-70	-58	-192
70%	0	-405	0	0	0	0	0	0	127	-82	46	-56
80%	0	-310	0	0	0	0	0	0	445	12	43	-80
90%	0	0	0	0	0	0	0	0	1,492	51	33	-14

Table 5A-B3.3.8.5-D. Delta Cross Channel Monthly Flow (D_SAC030_MOK014), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-78	-190	-13	0	0	0	0	0	158	-156	-46	-106
Wet Water Years	-219	-167	-8	0	0	0	0	0	150	-174	-65	-61
Above Normal Water Years	-173	-257	4	0	0	0	0	0	896	50	-106	-34
Below Normal Water Years	-140	-157	-14	0	0	0	0	0	-22	-428	-95	-362
Dry Water Years	213	-265	-38	0	0	0	0	0	5	-37	39	-89
Critical Water Years	72	-145	-11	0	0	0	0	0	2	-1	25	121

B.3.9 Georgiana Slough

Figure 5A-B3.3.9.1-A. Georgiana Slough Monthly Flow (C_SAC029b), Probability of Exceedance for Existing Condition, October to March

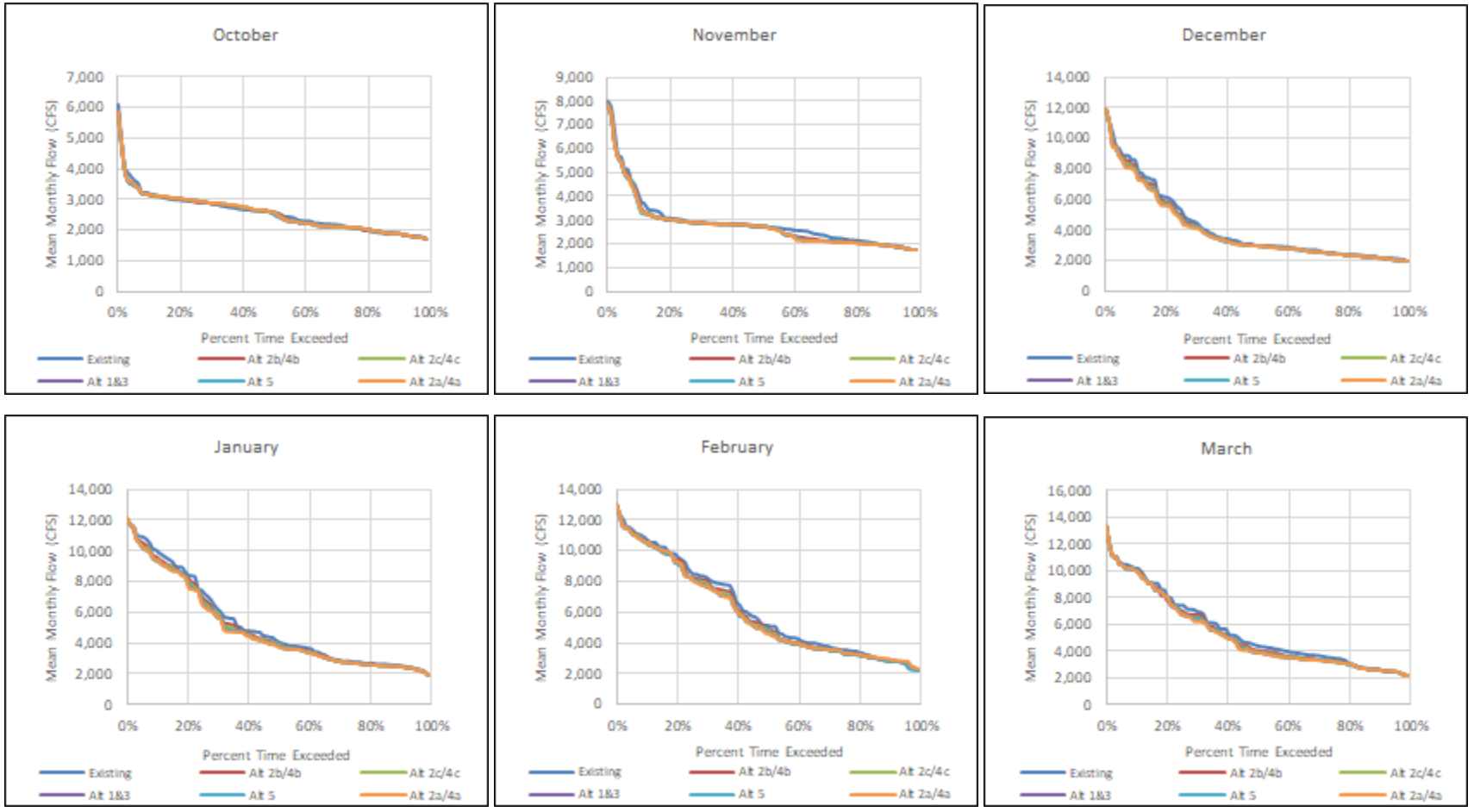


Figure 5A-B3.3.9.1-B. Georgiana Slough Monthly Flow (C_SAC029b), Probability of Exceedance for Existing Condition, April to September

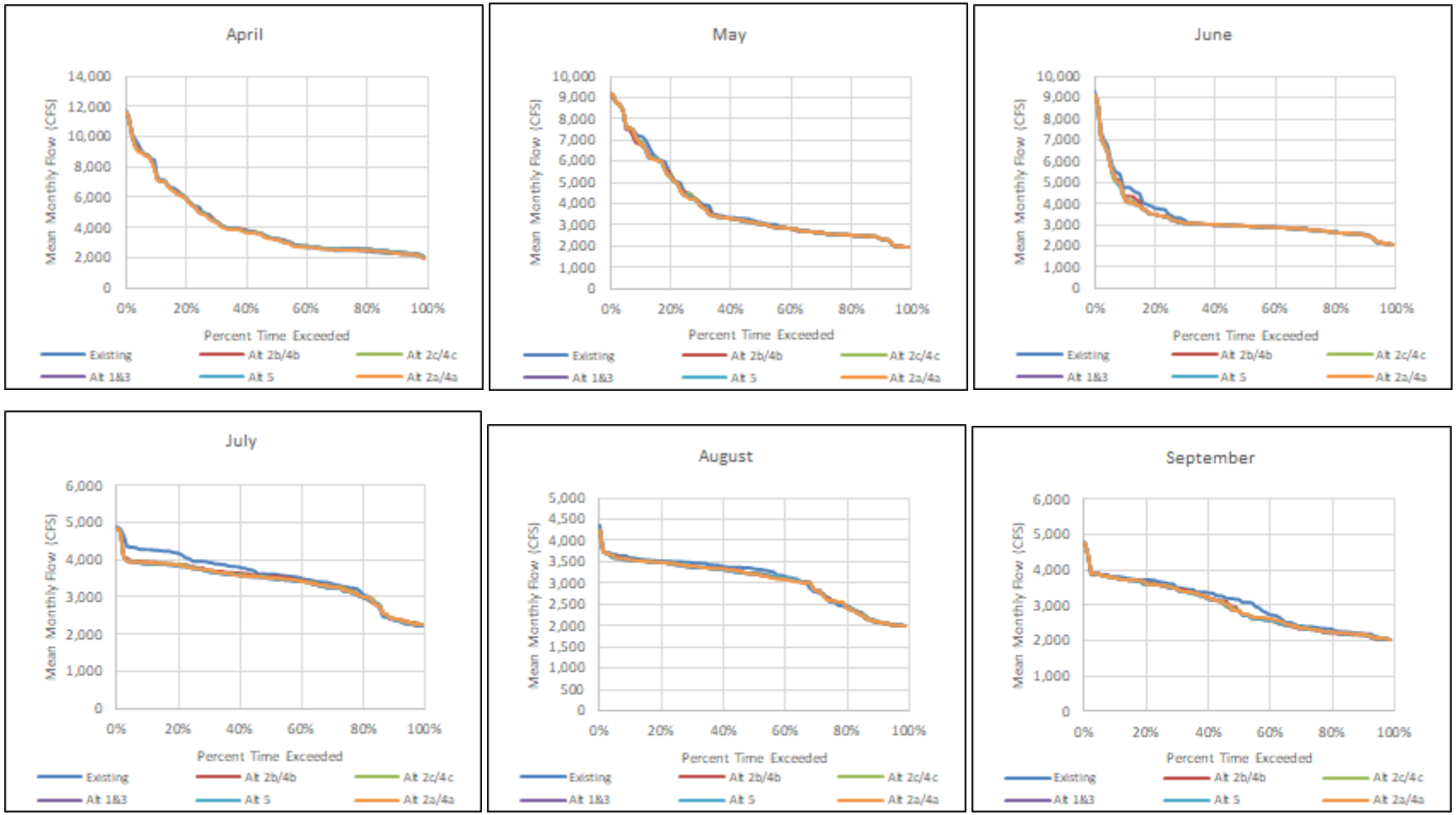


Table 5A-B3.3.9.1-A. Georgiana Slough Monthly Flow (C_SAC029b), Exceedance Probabilities for Monthly Flow (cubic feet per second), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,220	4,040	8,370	10,037	10,787	10,226	8,053	7,193	4,776	4,273	3,590	3,794
20%	2,997	3,083	6,194	8,544	9,704	8,270	5,975	5,484	3,796	4,176	3,517	3,708
30%	2,887	2,907	4,530	6,271	8,273	7,020	4,438	4,098	3,213	3,933	3,480	3,504
40%	2,697	2,841	3,485	4,840	6,648	5,595	3,869	3,370	3,001	3,807	3,397	3,351
50%	2,592	2,752	3,039	4,158	5,154	4,464	3,274	3,142	2,938	3,618	3,343	3,152
60%	2,318	2,592	2,950	3,718	4,288	4,033	2,748	2,842	2,884	3,514	3,171	2,741
70%	2,200	2,386	2,729	2,958	3,792	3,727	2,532	2,641	2,805	3,370	2,810	2,401
80%	2,020	2,167	2,455	2,733	3,424	3,213	2,491	2,538	2,655	3,127	2,467	2,313
90%	1,900	1,970	2,278	2,588	2,886	2,707	2,332	2,388	2,527	2,416	2,104	2,188

Table 5A-B3.3.9.1-B. Georgiana Slough Monthly Flow (C_SAC029b), Monthly Flow (cubic feet per second), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,610	2,931	4,229	5,308	6,233	5,602	4,217	3,922	3,396	3,561	3,086	3,032
Wet Water Years	2,908	3,592	6,366	8,183	9,425	8,305	6,612	5,660	4,318	3,847	3,416	3,678
Above Normal Water Years	2,621	2,809	3,880	6,489	7,152	6,578	4,201	4,612	3,703	3,902	3,581	3,551
Below Normal Water Years	2,558	2,840	3,509	3,941	4,740	4,403	3,224	3,155	2,925	3,845	3,338	2,944
Dry Water Years	2,478	2,581	2,728	3,029	4,329	3,804	2,751	2,655	2,913	3,387	2,607	2,333
Critical Water Years	2,195	2,161	2,798	2,886	3,125	2,911	2,335	2,258	2,449	2,409	2,109	2,142

Table 5A-B3.3.9.1-C. Georgiana Slough Monthly Flow (C_SAC029b), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,167	3,818	8,028	9,599	10,527	10,071	7,758	6,814	4,361	3,931	3,554	3,788
20%	3,017	3,024	5,908	8,311	9,440	7,927	5,969	5,451	3,501	3,860	3,495	3,657
30%	2,889	2,868	4,296	5,988	8,081	6,743	4,444	3,968	3,082	3,705	3,402	3,481
40%	2,749	2,832	3,322	4,689	6,233	5,193	3,793	3,310	3,002	3,632	3,335	3,251
50%	2,584	2,733	3,030	3,992	4,927	4,101	3,249	3,044	2,948	3,543	3,248	2,893
60%	2,239	2,369	2,866	3,526	3,994	3,668	2,718	2,835	2,880	3,437	3,119	2,626
70%	2,133	2,157	2,611	2,846	3,563	3,391	2,580	2,643	2,809	3,284	2,868	2,364
80%	2,015	2,095	2,401	2,608	3,243	3,120	2,517	2,532	2,659	2,989	2,511	2,234
90%	1,903	1,969	2,224	2,499	2,832	2,640	2,361	2,394	2,531	2,392	2,109	2,174

Table 5A-B3.3.9.1-D. Georgiana Slough Monthly Flow (C_SAC029b), Monthly Flow (cubic feet per second), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,583	2,830	4,096	5,094	6,029	5,383	4,190	3,850	3,313	3,416	3,057	2,957
Wet Water Years	2,847	3,452	6,160	7,899	9,217	8,101	6,535	5,521	4,143	3,721	3,360	3,653
Above Normal Water Years	2,634	2,700	3,732	6,143	6,809	6,218	4,123	4,448	3,520	3,650	3,515	3,537
Below Normal Water Years	2,514	2,725	3,392	3,747	4,529	4,091	3,242	3,132	2,904	3,574	3,295	2,706
Dry Water Years	2,508	2,520	2,653	2,936	4,142	3,653	2,752	2,651	2,916	3,345	2,642	2,273
Critical Water Years	2,164	2,131	2,739	2,766	3,047	2,848	2,357	2,257	2,456	2,397	2,117	2,145

Table 5A-B3.3.9.1-E. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-54	-222	-342	-438	-260	-155	-295	-379	-415	-342	-36	-6
20%	20	-59	-286	-233	-264	-343	-6	-32	-294	-316	-21	-52
30%	2	-39	-234	-282	-191	-277	7	-130	-132	-227	-78	-22
40%	52	-8	-163	-152	-415	-402	-76	-60	1	-175	-62	-100
50%	-8	-19	-9	-165	-227	-363	-25	-98	11	-74	-95	-259
60%	-79	-223	-84	-192	-293	-365	-29	-7	-4	-76	-52	-115
70%	-67	-229	-118	-112	-229	-336	47	2	3	-86	59	-37
80%	-5	-72	-54	-126	-180	-94	26	-7	4	-138	44	-79
90%	3	-1	-54	-88	-54	-68	29	6	4	-24	5	-14

Table 5A-B3.3.9.1-F. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Monthly Flow (cubic feet per second), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-28	-100	-134	-214	-203	-219	-27	-71	-82	-145	-29	-75
Wet Water Years	-61	-140	-206	-284	-209	-204	-77	-139	-174	-126	-57	-25
Above Normal Water Years	14	-109	-148	-346	-343	-361	-77	-164	-182	-252	-66	-14
Below Normal Water Years	-45	-115	-117	-194	-211	-312	18	-23	-21	-271	-43	-238
Dry Water Years	30	-61	-76	-93	-187	-150	1	-4	4	-42	35	-60
Critical Water Years	-31	-29	-59	-120	-78	-63	22	-1	7	-12	8	3

Table 5A-B3.3.9.2-A. Georgiana Slough Monthly Flow (C_SAC029b), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,175	3,711	7,879	9,450	10,512	10,079	7,758	6,937	4,306	3,923	3,540	3,788
20%	3,035	3,024	5,792	8,178	9,276	8,078	5,975	5,367	3,500	3,863	3,498	3,634
30%	2,906	2,869	4,252	5,982	7,875	6,536	4,434	3,968	3,083	3,685	3,402	3,484
40%	2,754	2,834	3,300	4,620	6,094	5,017	3,721	3,317	3,014	3,584	3,328	3,208
50%	2,618	2,742	3,015	3,979	4,865	3,975	3,234	3,045	2,948	3,507	3,232	2,851
60%	2,238	2,341	2,844	3,485	3,952	3,604	2,729	2,848	2,872	3,432	3,113	2,588
70%	2,134	2,142	2,611	2,842	3,588	3,387	2,581	2,638	2,806	3,284	2,883	2,400
80%	2,054	2,078	2,401	2,603	3,246	3,101	2,526	2,530	2,680	3,005	2,511	2,232
90%	1,905	1,969	2,235	2,491	2,837	2,639	2,356	2,392	2,530	2,429	2,105	2,174

Table 5A-B3.3.9.2-B. Georgiana Slough Monthly Flow (C_SAC029b), Monthly Flow (cubic feet per second), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,588	2,819	4,057	5,035	5,967	5,330	4,180	3,852	3,302	3,403	3,053	2,943
Wet Water Years	2,849	3,444	6,074	7,814	9,161	8,078	6,508	5,523	4,132	3,714	3,370	3,644
Above Normal Water Years	2,622	2,695	3,684	6,049	6,679	6,096	4,094	4,461	3,452	3,621	3,503	3,498
Below Normal Water Years	2,529	2,699	3,369	3,697	4,451	4,005	3,242	3,131	2,903	3,524	3,263	2,679
Dry Water Years	2,509	2,513	2,658	2,900	4,087	3,609	2,763	2,650	2,913	3,362	2,643	2,276
Critical Water Years	2,181	2,123	2,733	2,754	3,044	2,834	2,359	2,257	2,464	2,405	2,125	2,144

Table 5A-B3.3.9.2-C. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-45	-329	-491	-587	-275	-147	-295	-256	-470	-350	-50	-6
20%	38	-59	-402	-366	-428	-192	0	-117	-295	-314	-19	-74
30%	20	-38	-277	-288	-397	-484	-4	-130	-131	-248	-78	-20
40%	57	-7	-185	-221	-554	-578	-147	-53	13	-223	-70	-143
50%	26	-10	-24	-179	-290	-489	-40	-97	10	-111	-111	-301
60%	-81	-251	-106	-233	-335	-429	-19	6	-12	-82	-58	-153
70%	-65	-244	-118	-115	-204	-340	49	-2	0	-86	74	-1
80%	34	-89	-53	-130	-177	-112	35	-8	26	-122	44	-81
90%	5	-1	-43	-97	-49	-68	24	3	4	13	1	-15

Table 5A-B3.3.9.2-D. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Monthly Flow (cubic feet per second), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-22	-112	-173	-273	-266	-272	-37	-69	-94	-158	-34	-89
Wet Water Years	-59	-148	-291	-369	-264	-227	-105	-137	-186	-133	-46	-34
Above Normal Water Years	2	-114	-196	-441	-472	-482	-107	-151	-251	-281	-78	-53
Below Normal Water Years	-30	-140	-141	-244	-289	-399	18	-24	-22	-321	-75	-264
Dry Water Years	31	-68	-70	-129	-242	-195	13	-4	0	-25	36	-57
Critical Water Years	-15	-38	-65	-132	-81	-78	24	-1	15	-4	16	2

Table 5A-B3.3.9.3-A. Georgiana Slough Monthly Flow (C_SAC029b), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,174	3,703	7,824	9,367	10,586	10,075	7,758	6,903	4,285	3,893	3,547	3,788
20%	3,037	3,028	5,687	8,052	9,243	8,107	5,981	5,321	3,501	3,831	3,498	3,597
30%	2,895	2,898	4,218	5,713	7,669	6,456	4,428	3,966	3,084	3,686	3,381	3,462
40%	2,777	2,834	3,282	4,534	6,066	5,124	3,722	3,317	3,002	3,598	3,323	3,197
50%	2,602	2,739	3,014	3,882	4,769	3,934	3,247	3,061	2,946	3,507	3,226	2,843
60%	2,238	2,336	2,844	3,403	3,952	3,570	2,734	2,845	2,874	3,434	3,126	2,570
70%	2,134	2,136	2,611	2,842	3,595	3,376	2,580	2,651	2,815	3,260	2,845	2,355
80%	2,050	2,072	2,400	2,618	3,230	3,084	2,526	2,527	2,677	3,021	2,500	2,234
90%	1,905	1,969	2,249	2,491	2,856	2,639	2,349	2,392	2,561	2,430	2,130	2,173

Table 5A-B3.3.9.3-B. Georgiana Slough Monthly Flow (C_SAC029b), Monthly Flow (cubic feet per second), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,588	2,816	4,028	4,991	5,930	5,302	4,180	3,848	3,300	3,399	3,050	2,938
Wet Water Years	2,850	3,439	6,011	7,741	9,127	8,068	6,504	5,509	4,135	3,708	3,367	3,635
Above Normal Water Years	2,614	2,707	3,667	5,955	6,628	6,080	4,093	4,452	3,437	3,618	3,500	3,515
Below Normal Water Years	2,530	2,687	3,346	3,675	4,399	3,959	3,244	3,130	2,905	3,516	3,262	2,667
Dry Water Years	2,511	2,512	2,650	2,891	4,044	3,554	2,767	2,660	2,917	3,358	2,632	2,265
Critical Water Years	2,184	2,126	2,738	2,737	3,042	2,819	2,357	2,256	2,451	2,409	2,128	2,145

Table 5A-B3.3.9.3-C. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-47	-337	-546	-670	-202	-151	-295	-290	-490	-380	-43	-6
20%	40	-55	-506	-493	-462	-163	6	-163	-295	-345	-19	-111
30%	8	-8	-312	-557	-604	-563	-10	-133	-129	-246	-100	-42
40%	80	-7	-203	-306	-582	-470	-146	-53	0	-209	-74	-154
50%	10	-12	-25	-276	-385	-530	-27	-81	8	-111	-117	-309
60%	-80	-257	-106	-316	-335	-463	-14	4	-10	-79	-45	-171
70%	-66	-250	-118	-116	-198	-351	48	10	10	-110	35	-46
80%	30	-95	-55	-115	-194	-130	35	-12	23	-105	33	-79
90%	5	-1	-28	-97	-30	-68	17	4	34	14	25	-15

Table 5A-B3.3.9.3-D. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Monthly Flow (cubic feet per second), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-22	-114	-201	-317	-303	-300	-37	-73	-96	-162	-37	-94
Wet Water Years	-58	-153	-355	-441	-298	-237	-108	-151	-183	-139	-50	-43
Above Normal Water Years	-7	-102	-213	-535	-523	-498	-108	-159	-266	-283	-81	-36
Below Normal Water Years	-29	-152	-163	-267	-341	-444	21	-24	-19	-328	-76	-277
Dry Water Years	32	-69	-79	-138	-285	-250	17	5	4	-29	26	-68
Critical Water Years	-11	-34	-61	-149	-82	-92	22	-1	2	0	19	3

Table 5A-B3.3.9.4-A. Georgiana Slough Monthly Flow (C_SAC029b), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,170	3,703	7,724	9,403	10,586	10,002	7,680	6,876	4,285	3,914	3,556	3,779
20%	3,040	3,039	5,634	7,909	9,303	8,106	5,988	5,298	3,501	3,847	3,496	3,624
30%	2,898	2,905	4,181	5,743	7,690	6,253	4,428	3,965	3,084	3,714	3,409	3,462
40%	2,782	2,833	3,303	4,459	6,043	5,064	3,724	3,316	3,001	3,560	3,351	3,201
50%	2,594	2,748	3,014	3,785	4,605	3,939	3,259	3,061	2,945	3,501	3,230	2,841
60%	2,243	2,336	2,842	3,371	3,952	3,570	2,739	2,831	2,870	3,408	3,098	2,622
70%	2,132	2,133	2,634	2,840	3,561	3,360	2,580	2,658	2,781	3,263	2,876	2,354
80%	2,059	2,061	2,411	2,618	3,238	3,084	2,515	2,524	2,650	3,006	2,516	2,234
90%	1,902	1,969	2,236	2,496	2,948	2,640	2,349	2,391	2,527	2,409	2,123	2,170

Table 5A-B3.3.9.4-B. Georgiana Slough Monthly Flow (C_SAC029b), Monthly Flow (cubic feet per second), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,592	2,810	4,012	4,963	5,923	5,279	4,181	3,844	3,296	3,394	3,053	2,945
Wet Water Years	2,850	3,425	5,975	7,710	9,121	8,062	6,498	5,506	4,135	3,707	3,369	3,637
Above Normal Water Years	2,618	2,703	3,659	5,898	6,620	6,035	4,104	4,434	3,436	3,612	3,521	3,527
Below Normal Water Years	2,536	2,677	3,339	3,647	4,395	3,928	3,251	3,129	2,900	3,524	3,280	2,687
Dry Water Years	2,522	2,514	2,645	2,885	4,021	3,513	2,774	2,659	2,910	3,331	2,604	2,265
Critical Water Years	2,185	2,129	2,724	2,719	3,049	2,809	2,351	2,255	2,444	2,403	2,128	2,144

Table 5A-B3.3.9.4-C. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-51	-337	-646	-634	-201	-224	-373	-317	-491	-359	-35	-15
20%	43	-44	-560	-635	-401	-164	13	-186	-294	-330	-20	-85
30%	11	-2	-349	-528	-582	-767	-10	-133	-130	-218	-71	-42
40%	85	-7	-182	-381	-605	-531	-145	-54	-1	-247	-46	-150
50%	2	-4	-25	-373	-550	-525	-14	-81	7	-117	-113	-311
60%	-75	-256	-108	-347	-335	-463	-8	-11	-14	-106	-72	-119
70%	-68	-252	-95	-118	-232	-367	47	17	-25	-106	66	-47
80%	39	-106	-43	-115	-186	-130	24	-14	-5	-120	49	-79
90%	2	-1	-41	-91	62	-68	17	3	0	-7	19	-18

Table 5A-B3.3.9.4-D. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Monthly Flow (cubic feet per second), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-18	-121	-218	-345	-310	-323	-36	-77	-99	-167	-34	-87
Wet Water Years	-58	-167	-390	-473	-305	-243	-114	-154	-183	-140	-47	-41
Above Normal Water Years	-2	-107	-221	-591	-531	-543	-97	-177	-266	-290	-60	-24
Below Normal Water Years	-23	-163	-170	-295	-345	-475	28	-26	-25	-321	-58	-257
Dry Water Years	44	-67	-83	-144	-308	-291	24	5	-3	-56	-3	-68
Critical Water Years	-11	-31	-75	-167	-76	-102	16	-2	-5	-7	19	2

Table 5A-B3.3.9.5-A. Georgiana Slough Monthly Flow (C_SAC029b), Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3,173	3,621	7,824	9,380	10,586	10,075	7,758	6,903	4,285	3,893	3,547	3,788
20%	3,037	3,028	5,687	8,051	9,204	8,107	5,981	5,267	3,501	3,831	3,498	3,596
30%	2,896	2,869	4,257	5,713	7,669	6,456	4,428	3,966	3,084	3,686	3,381	3,479
40%	2,750	2,834	3,282	4,534	6,066	5,124	3,722	3,317	3,002	3,598	3,323	3,197
50%	2,555	2,739	3,015	3,882	4,769	3,933	3,247	3,061	2,946	3,501	3,231	2,843
60%	2,238	2,336	2,844	3,402	3,952	3,570	2,734	2,846	2,874	3,434	3,126	2,584
70%	2,134	2,136	2,611	2,842	3,595	3,376	2,580	2,651	2,815	3,260	2,845	2,358
80%	2,057	2,073	2,400	2,618	3,230	3,084	2,526	2,527	2,677	3,021	2,500	2,234
90%	1,905	1,969	2,249	2,491	2,856	2,639	2,349	2,392	2,558	2,429	2,130	2,173

Table 5A-B3.3.9.5-B. Georgiana Slough Monthly Flow (C_SAC029b), Monthly Flow (cubic feet per second), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	2,585	2,809	4,029	4,991	5,927	5,302	4,179	3,848	3,296	3,399	3,051	2,938
Wet Water Years	2,849	3,428	6,012	7,741	9,122	8,068	6,504	5,508	4,131	3,710	3,367	3,631
Above Normal Water Years	2,613	2,696	3,667	5,956	6,623	6,080	4,093	4,452	3,417	3,615	3,500	3,525
Below Normal Water Years	2,526	2,679	3,348	3,675	4,400	3,957	3,244	3,130	2,905	3,516	3,265	2,666
Dry Water Years	2,511	2,507	2,650	2,894	4,049	3,554	2,767	2,660	2,917	3,359	2,636	2,265
Critical Water Years	2,170	2,127	2,734	2,737	3,031	2,820	2,357	2,256	2,451	2,409	2,128	2,145

Table 5A-B3.3.9.5-C. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Exceedance Probabilities for Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-47	-419	-546	-657	-202	-151	-295	-290	-490	-380	-43	-6
20%	40	-55	-506	-493	-500	-163	6	-216	-295	-345	-19	-112
30%	9	-37	-273	-558	-604	-563	-10	-133	-129	-246	-100	-24
40%	53	-7	-203	-306	-582	-471	-146	-53	0	-209	-74	-154
50%	-37	-13	-24	-276	-385	-531	-27	-81	8	-117	-112	-309
60%	-80	-257	-106	-316	-335	-463	-14	4	-10	-79	-45	-157
70%	-65	-249	-118	-116	-198	-351	48	10	10	-110	35	-43
80%	37	-94	-55	-115	-194	-130	35	-12	23	-105	33	-79
90%	5	-1	-29	-97	-30	-68	17	4	32	14	26	-15

Table 5A-B3.3.9.5-D. Georgiana Slough Monthly Flow (C_SAC029b), Difference in Monthly Flow (cubic feet per second), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-26	-122	-201	-317	-306	-300	-37	-74	-100	-162	-36	-94
Wet Water Years	-59	-164	-354	-442	-303	-237	-108	-152	-187	-138	-50	-47
Above Normal Water Years	-7	-113	-213	-533	-529	-498	-108	-159	-285	-287	-81	-26
Below Normal Water Years	-32	-160	-161	-267	-340	-446	21	-24	-19	-328	-73	-278
Dry Water Years	32	-74	-79	-136	-280	-250	17	5	4	-29	30	-68
Critical Water Years	-26	-34	-65	-150	-93	-91	22	-1	2	0	19	3

B.3.10 X2 Location for Current Month

Figure 5A-B3.3.10.1-A. X2 Position for Current Month (X2), Probability of Exceedance for Existing Condition, October to March

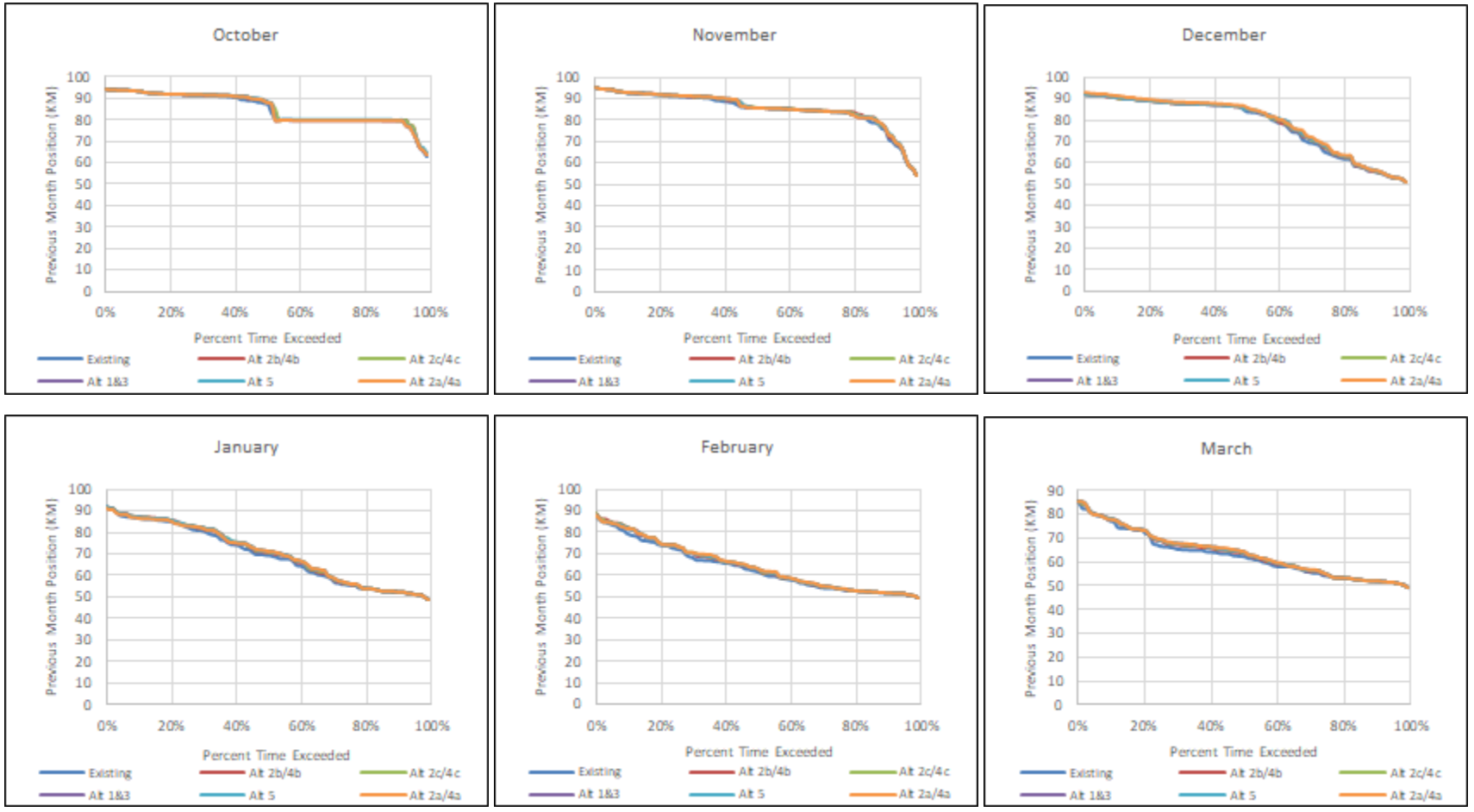


Figure 5A-B3.3.10.1-B. X2 Position for Current Month (X2), Probability of Exceedance for Existing Condition, April to September

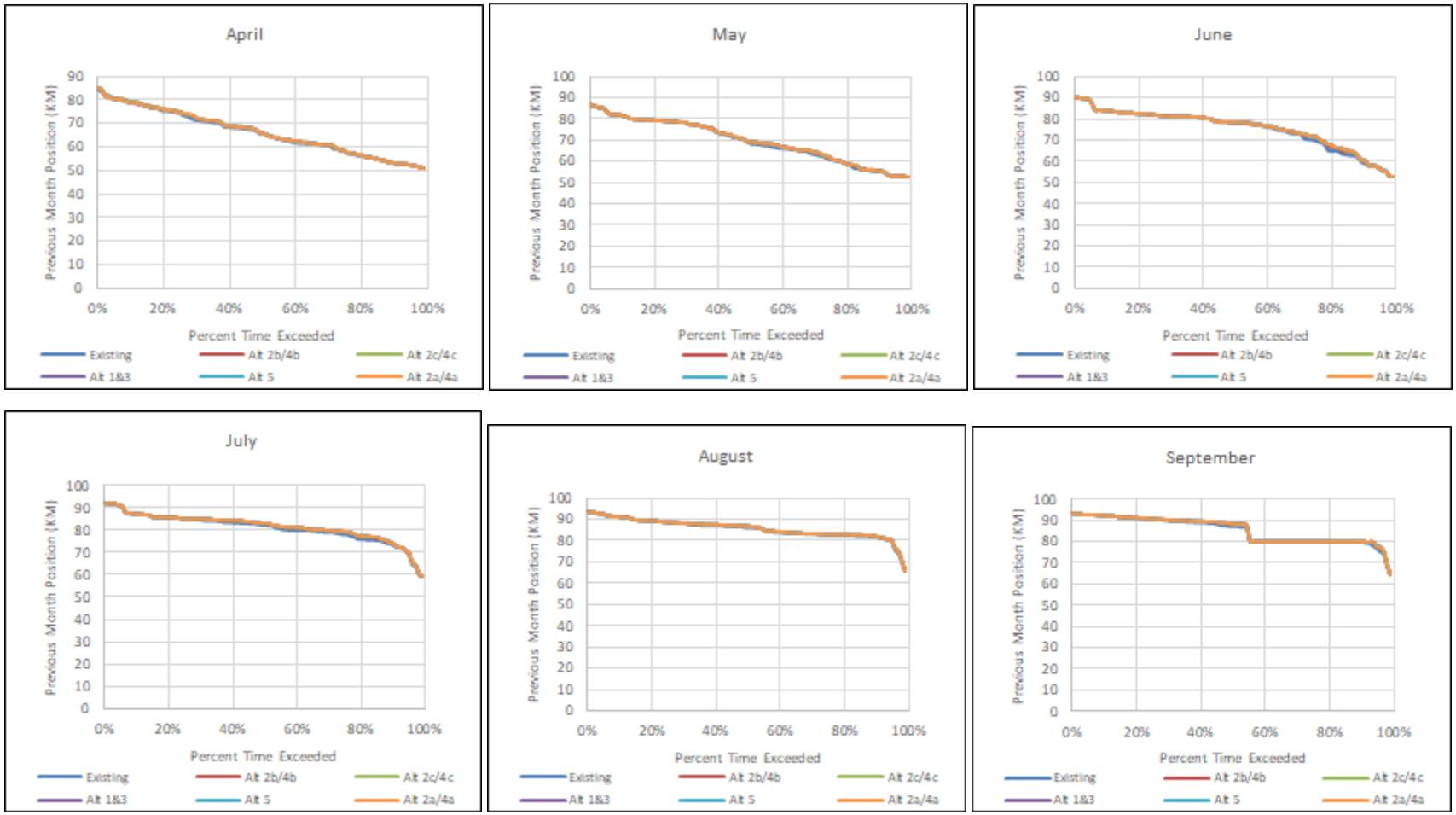


Table 5A-B3.3.10.1-A. X2 Position for Current Month (X2), Exceedance Probabilities for Monthly Position (kilometers), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	94	93	91	87	79	77	79	82	84	87	91	93
20%	92	92	89	85	74	73	76	79	82	86	89	91
30%	91	91	88	81	68	65	72	78	81	84	88	90
40%	91	89	87	74	66	64	69	74	81	83	87	89
50%	88	86	84	70	62	62	66	69	78	82	86	88
60%	80	85	79	65	58	58	62	66	76	80	83	80
70%	80	84	69	58	54	56	61	64	73	79	83	80
80%	80	83	62	54	53	53	57	59	65	76	82	80
90%	80	76	56	53	52	52	53	55	60	74	81	80

Table 5A-B3.3.10.1-B. X2 Position for Current Month (X2), Monthly Position (kilometers), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	85	85	78	70	64	63	66	70	75	81	85	85
Wet Water Years	83	80	66	56	53	54	57	60	67	75	81	79
Above Normal Water Years	85	86	79	64	58	57	62	64	70	78	83	80
Below Normal Water Years	85	86	81	74	67	65	68	72	78	83	86	89
Dry Water Years	86	88	87	82	70	68	73	78	82	85	89	91
Critical Water Years	90	91	87	82	78	77	79	83	85	89	91	93

Table 5A-B3.3.10.1-C. X2 Position for Current Month (X2), Exceedance Probabilities for Monthly Position (kilometers), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	94	93	91	87	82	78	79	82	84	87	91	93
20%	92	92	89	85	75	73	76	79	82	86	89	92
30%	92	91	88	82	70	67	72	79	81	85	88	90
40%	91	90	87	75	66	66	69	74	81	84	87	90
50%	89	86	86	71	63	64	66	69	78	83	86	88
60%	80	85	80	66	58	59	63	67	77	81	84	80
70%	80	84	71	59	54	56	61	65	73	80	83	80
80%	80	84	63	54	53	53	57	59	67	77	83	80
90%	80	77	56	53	52	52	54	56	61	74	82	80

Table 5A-B3.3.10.1-D. X2 Position for Current Month (X2), Monthly Position (kilometers), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	86	86	78	70	64	64	67	70	76	81	86	86
Wet Water Years	83	81	66	57	54	55	57	60	67	75	81	79
Above Normal Water Years	85	87	79	65	59	58	62	64	71	79	84	80
Below Normal Water Years	85	86	82	75	68	66	69	72	79	84	87	89
Dry Water Years	87	88	88	82	71	69	73	77	82	85	89	91
Critical Water Years	91	91	87	83	79	77	79	83	85	89	91	93

Table 5A-B3.3.10.1-E. X2 Position for Current Month (X2), Difference in Exceedance Probabilities for Monthly Position (kilometers), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	1	3	1	0	0	0	0	0	0
20%	0	0	0	1	1	1	0	0	0	0	0	0
30%	0	0	0	1	2	2	1	0	0	0	0	0
40%	1	1	0	1	1	2	0	0	0	1	0	0
50%	1	0	1	1	1	1	0	1	0	1	1	1
60%	0	0	1	1	0	1	1	1	0	1	0	0
70%	0	0	2	1	0	0	0	1	0	1	0	0
80%	0	1	1	0	0	0	0	0	2	1	0	0
90%	0	1	0	0	0	0	0	1	1	1	1	0

Table 5A-B3.3.10.1-F. X2 Position for Current Month (X2), Difference in Monthly Position (kilometers), Alternative 2b/4b (2020) minus Existing Conditions

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

Table 5A-B3.3.10.2-A. X2 Position for Current Month (X2), Exceedance Probabilities for Monthly Position (kilometers), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	94	93	91	87	82	78	79	82	84	87	91	93
20%	92	92	89	85	75	73	76	80	82	86	89	91
30%	92	91	88	82	70	68	72	79	81	85	88	90
40%	91	90	88	76	66	66	69	74	81	84	87	90
50%	89	86	85	71	63	64	66	69	78	83	87	89
60%	80	85	80	67	59	60	63	67	77	81	84	80
70%	80	84	71	59	55	57	61	65	73	80	83	80
80%	80	83	63	54	53	54	57	59	68	77	83	80
90%	80	77	57	53	52	52	54	56	61	74	82	80

Table 5A-B3.3.10.2-B. X2 Position for Current Month (X2), Monthly Position (kilometers), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	86	86	78	71	64	64	67	70	76	81	86	86
Wet Water Years	83	81	67	57	54	55	57	60	68	75	81	79
Above Normal Water Years	85	87	79	65	59	59	62	64	72	79	84	80
Below Normal Water Years	85	86	82	75	68	66	69	72	79	84	87	89
Dry Water Years	87	88	88	82	72	69	73	78	82	85	89	91
Critical Water Years	91	91	87	83	79	77	79	83	85	89	91	93

Table 5A-B3.3.10.2-C. X2 Position for Current Month (X2), Difference in Exceedance Probabilities for Monthly Position (kilometers), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	3	1	0	0	0	0	0	0
20%	0	0	0	1	1	1	0	0	0	0	0	0
30%	0	1	0	1	2	2	1	0	0	0	0	0
40%	1	1	0	1	1	2	0	0	0	1	1	1
50%	1	0	1	2	1	2	0	1	0	1	1	1
60%	0	0	1	2	1	1	1	1	0	1	1	0
70%	0	0	2	1	1	1	0	1	0	1	0	0
80%	0	0	1	0	0	0	0	0	3	1	0	0
90%	0	1	1	0	0	0	0	0	1	1	1	0

Table 5A-B3.3.10.2-D. X2 Position for Current Month (X2), Difference in Monthly Position (kilometers), Alternative 2c/4c (2020) minus Existing Conditions

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

Table 5A-B3.3.10.3-A. X2 Position for Current Month (X2), Exceedance Probabilities for Monthly Position (kilometers), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	94	93	91	87	82	78	79	82	84	87	91	93
20%	92	92	89	85	75	73	76	80	82	86	89	92
30%	92	91	88	82	71	68	73	79	81	85	88	90
40%	91	90	87	75	67	66	69	74	81	84	87	90
50%	89	86	85	72	63	64	66	69	78	83	87	89
60%	80	85	81	67	59	60	63	67	77	81	84	80
70%	80	84	72	59	55	57	61	65	73	80	83	80
80%	80	83	63	54	53	53	57	59	68	77	83	80
90%	80	77	57	53	52	52	54	56	61	74	82	80

Table 5A-B3.3.10.3-B. X2 Position for Current Month (X2), Monthly Position (kilometers), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	86	86	79	71	65	64	67	70	76	81	86	86
Wet Water Years	83	81	67	57	54	55	57	60	68	75	81	79
Above Normal Water Years	85	87	79	65	59	59	62	64	72	79	84	80
Below Normal Water Years	85	86	82	76	68	66	69	72	79	84	87	89
Dry Water Years	87	88	88	83	72	70	73	77	82	85	89	91
Critical Water Years	91	91	87	83	79	77	79	83	86	89	91	93

Table 5A-B3.3.10.3-C. X2 Position for Current Month (X2), Difference in Exceedance Probabilities for Monthly Position (kilometers), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	3	1	0	0	0	0	0	0
20%	0	0	0	0	1	1	0	0	0	0	0	0
30%	0	1	0	1	2	2	1	0	0	0	0	0
40%	1	1	0	1	1	2	0	0	0	1	1	1
50%	1	0	1	2	1	2	0	1	0	1	1	1
60%	0	0	2	2	1	2	1	1	0	1	0	0
70%	0	0	2	1	1	1	0	1	0	1	0	0
80%	0	0	1	0	0	0	0	0	3	1	0	0
90%	0	1	1	0	0	0	0	0	1	1	0	0

Table 5A-B3.3.10.3-D. X2 Position for Current Month (X2), Difference in Monthly Position (kilometers), Alternative 1/3 (2020) minus Existing Conditions

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	1	0	0
Wet Water Years	0	0	1	1	0	0	0	1	1	1	0	0
Above Normal Water Years	0	1	1	1	1	1	0	1	1	1	0	0
Below Normal Water Years	0	1	1	1	1	2	1	0	0	1	1	1
Dry Water Years	0	0	0	1	2	1	0	0	0	0	0	0
Critical Water Years	0	0	0	1	1	1	0	0	0	0	0	0

Table 5A-B3.3.10.4-A. X2 Position for Current Month (X2), Exceedance Probabilities for Monthly Position (kilometers), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	94	93	91	87	82	78	79	82	84	87	91	93
20%	92	92	89	86	75	73	76	80	82	86	89	92
30%	92	91	88	82	71	68	73	79	81	85	88	91
40%	91	90	87	76	67	67	69	74	81	84	87	90
50%	88	86	86	72	63	65	66	69	78	83	87	89
60%	80	85	80	67	59	60	63	67	77	81	84	80
70%	80	84	72	59	55	57	61	65	73	80	83	80
80%	80	83	64	54	53	53	57	59	68	77	83	80
90%	80	77	57	53	52	52	54	56	61	74	82	80

Table 5A-B3.3.10.4-B. X2 Position for Current Month (X2), Monthly Position (kilometers), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	86	86	79	71	65	64	67	70	76	81	86	86
Wet Water Years	83	81	67	57	54	55	57	60	68	75	81	79
Above Normal Water Years	85	87	79	65	59	59	62	65	72	79	84	80
Below Normal Water Years	85	86	82	76	68	66	69	72	79	84	87	89
Dry Water Years	87	88	88	83	72	70	73	77	82	85	89	91
Critical Water Years	91	91	87	83	79	77	79	83	86	89	91	93

Table 5A-B3.3.10.4-C. X2 Position for Current Month (X2), Difference in Exceedance Probabilities for Monthly Position (kilometers), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	3	1	0	0	0	0	0	0
20%	0	0	0	1	1	1	1	0	0	0	0	0
30%	0	1	0	2	2	3	1	0	0	0	0	0
40%	1	2	0	1	1	2	0	0	0	1	1	0
50%	1	0	1	2	1	2	0	0	0	1	1	1
60%	0	0	1	3	1	2	1	1	0	1	0	0
70%	0	0	3	1	1	1	0	1	0	1	0	0
80%	0	0	1	0	0	0	0	0	3	1	0	0
90%	0	1	1	0	0	0	0	0	1	1	0	0

Table 5A-B3.3.10.4-D. X2 Position for Current Month (X2), Difference in Monthly Position (kilometers), Alternative 2a/4a (2020) minus Existing Conditions

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

Table 5A-B3.3.10.5-A. X2 Position for Current Month (X2), Exceedance Probabilities for Monthly Position (kilometers), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	94	93	91	87	82	78	79	82	84	87	91	93
20%	92	92	89	86	75	73	76	80	82	86	89	92
30%	92	91	88	82	71	68	73	79	81	85	88	90
40%	91	90	87	76	67	66	69	74	81	84	87	90
50%	89	86	85	72	63	64	66	69	78	83	87	89
60%	80	85	81	67	59	60	63	67	77	81	84	80
70%	80	84	72	59	55	57	61	65	73	80	83	80
80%	80	83	63	54	53	53	57	59	68	77	83	80
90%	80	77	57	53	52	52	54	56	61	75	82	80

Table 5A-B3.3.10.5-B. X2 Position for Current Month (X2), Monthly Position (kilometers), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	86	86	79	71	65	64	67	70	76	81	86	86
Wet Water Years	83	81	67	57	54	55	57	60	68	75	81	79
Above Normal Water Years	85	87	79	65	59	59	62	64	72	79	84	80
Below Normal Water Years	85	86	82	76	68	66	69	72	79	84	87	89
Dry Water Years	87	88	88	83	72	70	73	77	82	85	89	91
Critical Water Years	91	91	87	83	79	77	79	83	86	89	91	93

Table 5A-B3.3.10.5-C. X2 Position for Current Month (X2), Difference in Exceedance Probabilities for Monthly Position (kilometers), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	3	1	0	0	0	0	0	0
20%	0	0	0	1	1	1	0	0	0	0	0	0
30%	0	1	0	1	2	2	1	0	0	0	0	0
40%	1	1	0	1	1	2	0	0	0	1	1	1
50%	1	0	1	2	1	2	0	1	0	1	1	1
60%	0	0	2	2	1	2	1	1	0	1	0	0
70%	0	0	2	1	1	1	0	1	0	1	0	0
80%	0	0	1	0	0	0	0	0	3	1	0	0
90%	0	1	1	0	0	0	0	0	1	1	0	0

Table 5A-B3.3.10.5-D. X2 Position for Current Month (X2), Difference in Monthly Position (kilometers), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	1	1	1	1	1	0	0	1	1	0	0
Wet Water Years	0	0	1	1	0	0	0	1	1	1	0	0
Above Normal Water Years	0	1	1	2	1	1	0	1	1	1	0	0
Below Normal Water Years	0	1	1	1	1	2	1	0	0	1	1	1
Dry Water Years	0	0	0	1	2	1	0	0	0	0	0	0
Critical Water Years	0	0	0	1	1	1	0	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-B3.4.1.1-A. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Probability of Exceedance for Existing Conditions, October to March

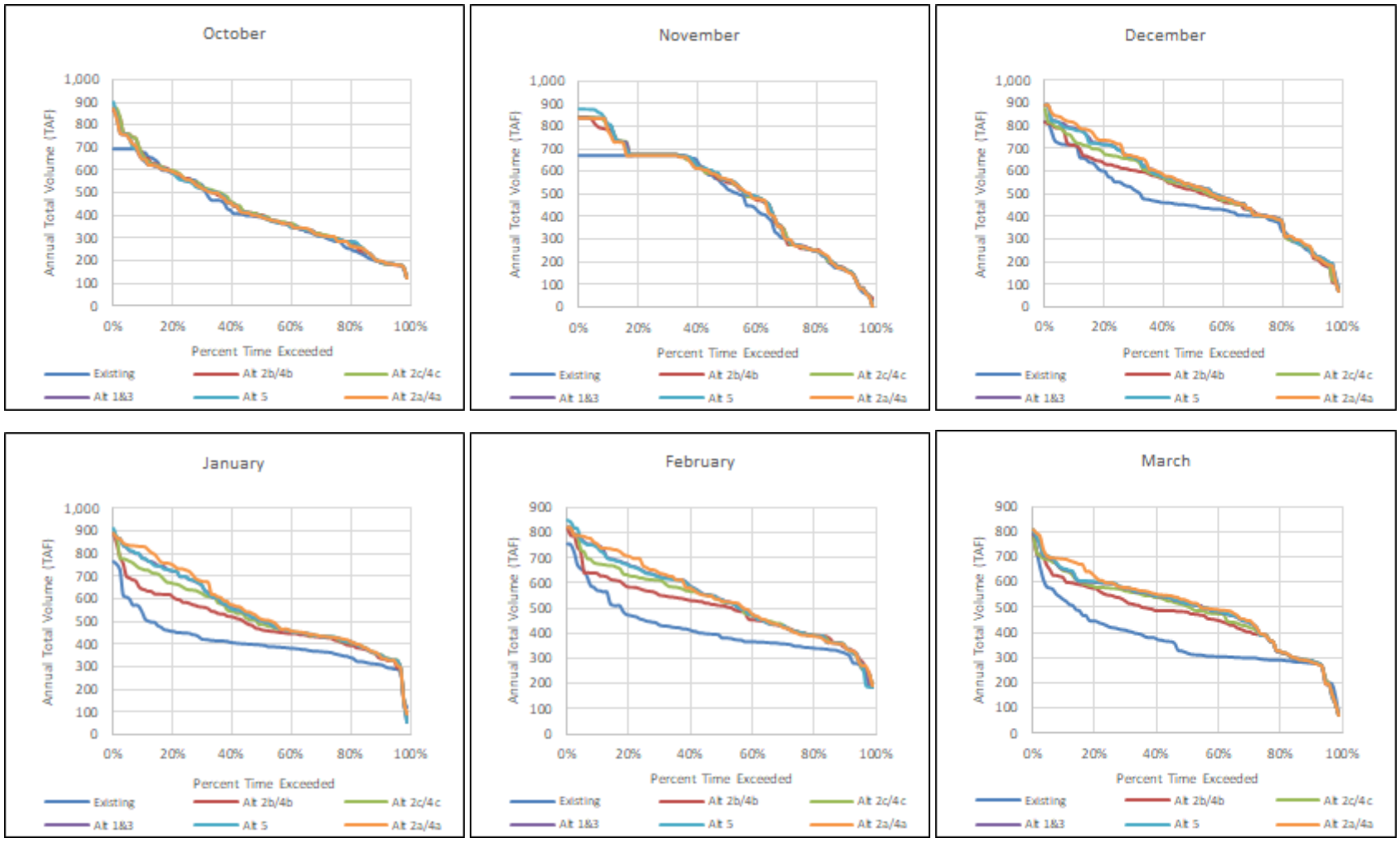


Figure 5A-B3.4.1.1-B. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Probability of Exceedance for Existing Conditions, April to September

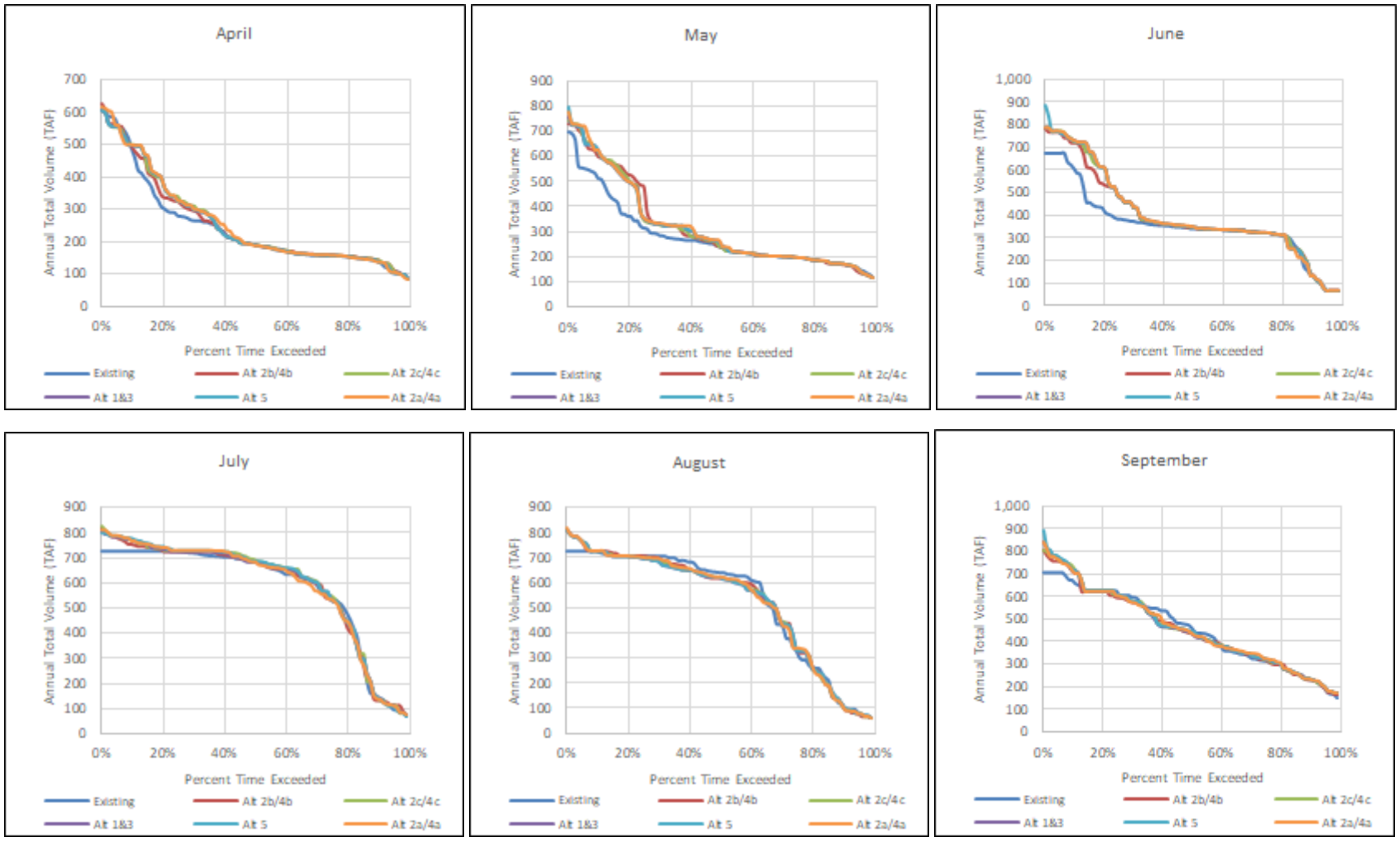


Table 5A-B3.4.1.1-A. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Exceedance Probabilities (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	680	672	714	531	569	527	481	511	602	726	725	666
20%	596	672	598	455	473	443	305	361	420	726	706	623
30%	538	672	519	421	434	407	266	284	373	719	706	595
40%	424	652	460	406	414	374	223	265	355	703	684	537
50%	396	533	446	394	389	318	191	238	340	686	641	466
60%	363	440	431	380	367	302	171	212	336	636	615	385
70%	317	306	401	366	360	296	158	200	327	606	433	336
80%	258	252	356	342	343	288	155	187	312	489	266	303
90%	201	169	251	309	327	277	141	170	141	149	115	234

Table 5A-B3.4.1.1-B. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports) (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	419	472	459	408	417	366	246	281	358	582	528	457
Wet Water Years	480	560	502	487	508	472	399	410	483	704	678	555
Above Normal Water Years	421	533	527	400	410	381	232	304	402	666	690	466
Below Normal Water Years	412	499	478	370	388	334	183	227	340	660	645	564
Dry Water Years	400	421	417	384	357	289	165	201	315	557	320	321
Critical Water Years	321	247	326	330	341	263	123	164	126	153	119	226

Table 5A-B3.4.1.1-C. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	671	782	714	643	635	614	490	597	721	755	726	711
20%	596	672	637	612	583	576	340	525	536	730	706	623
30%	527	672	605	565	552	526	296	332	435	726	698	576
40%	459	627	569	524	530	487	223	282	362	714	649	493
50%	405	552	519	468	510	482	190	238	346	683	618	439
60%	356	475	472	449	453	449	173	214	336	656	597	392
70%	324	334	428	433	429	402	161	201	325	600	451	345
80%	285	251	385	398	393	326	156	188	314	446	290	301
90%	204	173	263	349	350	289	144	168	154	135	120	235

Table 5A-B3.4.1.1-D. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports) (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	434	496	502	497	496	459	254	319	395	591	527	458
Wet Water Years	503	600	587	603	573	545	409	485	558	720	675	559
Above Normal Water Years	437	573	559	538	568	538	263	390	477	673	670	458
Below Normal Water Years	419	515	518	452	471	474	183	238	355	682	641	560
Dry Water Years	416	439	418	437	442	368	166	202	316	550	340	332
Critical Water Years	326	244	339	372	374	287	127	162	129	150	122	227

Table 5A-B3.4.1.1-E. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-9	110	0	112	66	86	10	86	119	29	2	45
20%	1	0	39	156	111	133	34	164	116	3	0	0
30%	-12	0	85	144	118	119	30	48	62	8	-8	-19
40%	35	-25	109	118	116	113	0	17	7	10	-35	-44
50%	9	18	73	73	120	164	-1	0	6	-3	-23	-26
60%	-6	35	41	69	86	147	1	2	1	20	-18	7
70%	7	28	27	67	69	106	3	1	-2	-6	18	10
80%	26	-1	29	56	49	38	1	1	2	-43	24	-2
90%	3	4	13	39	24	12	3	-2	13	-14	6	0

Table 5A-B3.4.1.1-F. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	15	24	43	89	80	93	8	38	37	9	0	1
Wet Water Years	24	39	85	116	65	73	10	75	75	16	-3	4
Above Normal Water Years	16	40	32	139	158	156	31	87	74	7	-20	-8
Below Normal Water Years	6	16	40	81	83	140	0	12	14	22	-4	-4
Dry Water Years	17	18	0	53	85	79	1	1	0	-8	20	11
Critical Water Years	5	-3	14	41	33	24	4	-2	3	-3	4	2

Table 5A-B3.4.1.2-A. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	667	800	736	730	674	646	502	611	722	769	726	729
20%	600	672	681	668	628	582	379	501	606	731	706	623
30%	529	672	652	624	610	565	311	325	435	726	690	578
40%	461	616	573	544	566	539	228	282	362	722	651	475
50%	403	560	529	486	530	506	191	238	347	691	622	439
60%	368	484	474	458	471	474	174	213	336	659	575	383
70%	324	336	429	436	436	425	160	201	328	607	454	345
80%	287	253	383	404	392	327	156	188	314	450	286	302
90%	205	173	264	354	359	289	144	172	156	153	118	234

Table 5A-B3.4.1.2-B. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports) (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	437	500	516	525	518	479	259	317	401	596	526	457
Wet Water Years	506	597	622	646	593	547	418	481	564	719	679	556
Above Normal Water Years	437	574	567	592	609	587	278	377	506	691	664	441
Below Normal Water Years	425	532	524	473	492	513	184	242	355	686	632	566
Dry Water Years	414	444	418	443	464	387	166	204	314	557	341	335
Critical Water Years	333	244	345	382	379	292	127	162	133	153	126	228

Table 5A-B3.4.1.2-C. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-14	128	23	198	105	119	21	100	120	42	2	63
20%	5	0	83	213	156	139	74	141	186	5	0	0
30%	-9	0	133	202	176	158	46	41	63	8	-16	-17
40%	37	-36	114	139	151	165	6	17	8	19	-33	-62
50%	7	27	82	91	141	188	0	0	7	5	-19	-26
60%	5	44	44	77	104	173	2	0	1	22	-40	-2
70%	7	31	28	69	76	128	1	1	0	1	21	9
80%	29	1	27	62	48	39	1	1	2	-39	20	-2
90%	4	4	13	44	32	12	3	2	15	4	3	0

Table 5A-B3.4.1.2-D. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference in (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	18	28	57	117	101	113	13	36	43	14	-1	0
Wet Water Years	26	36	120	159	85	75	19	71	81	15	2	1
Above Normal Water Years	16	41	40	192	199	206	46	73	103	24	-26	-25
Below Normal Water Years	13	33	46	103	104	179	1	15	14	26	-13	2
Dry Water Years	15	24	0	60	107	98	1	3	-1	0	21	14
Critical Water Years	12	-3	19	52	38	29	3	-2	7	0	7	2

Table 5A-B3.4.1.3-A. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	648	805	787	780	744	652	499	619	727	774	726	715
20%	591	672	716	723	671	601	381	497	606	736	706	623
30%	524	672	662	660	625	577	300	332	435	726	685	578
40%	457	616	574	561	589	545	228	304	362	721	651	467
50%	399	563	534	506	535	518	190	250	348	683	621	439
60%	367	490	485	459	475	485	172	213	336	658	571	379
70%	314	309	428	436	429	444	159	201	328	603	453	344
80%	288	253	383	412	392	326	155	188	314	452	273	302
90%	205	173	247	356	359	287	139	172	153	153	120	234

Table 5A-B3.4.1.3-B. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports) (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	430	502	529	544	532	489	258	318	401	594	524	458
Wet Water Years	484	596	648	679	605	548	417	485	564	716	675	559
Above Normal Water Years	436	583	587	623	625	594	280	383	515	688	663	448
Below Normal Water Years	425	535	528	486	510	532	181	242	355	686	631	563
Dry Water Years	415	446	414	448	482	412	165	200	314	555	337	331
Critical Water Years	334	245	356	388	384	294	125	162	127	155	128	228

Table 5A-B3.4.1.3-C. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-32	133	73	249	174	125	19	108	125	47	2	49
20%	-4	0	118	268	198	158	76	137	186	10	-1	0
30%	-15	0	142	239	191	170	35	48	63	8	-21	-18
40%	33	-36	115	155	175	171	6	39	8	17	-33	-70
50%	3	30	87	111	146	201	-1	12	8	-3	-20	-27
60%	4	50	54	79	108	183	0	0	0	21	-44	-6
70%	-4	3	27	70	69	147	1	1	0	-4	20	9
80%	30	1	27	70	48	38	1	1	2	-37	7	-1
90%	3	4	-4	47	32	10	-2	2	12	4	5	0

Table 5A-B3.4.1.3-D. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11	30	70	136	115	123	12	37	44	12	-3	1
Wet Water Years	5	36	146	192	98	76	18	75	81	12	-3	4
Above Normal Water Years	15	50	60	224	215	213	48	79	113	21	-27	-18
Below Normal Water Years	13	35	50	115	122	198	-2	15	15	26	-14	-1
Dry Water Years	16	25	-3	64	125	123	0	-1	-1	-2	17	10
Critical Water Years	13	-2	31	58	43	31	1	-2	1	2	9	2

Table 5A-B3.4.1.4-A. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	652	778	811	831	750	690	498	617	727	765	726	713
20%	597	672	735	751	705	622	380	498	607	738	706	623
30%	524	672	664	678	639	577	301	332	436	726	696	575
40%	459	616	586	573	580	551	250	320	362	724	656	505
50%	399	569	537	512	532	526	188	253	349	680	622	440
60%	366	483	483	460	483	489	168	213	336	651	577	379
70%	320	310	432	436	428	445	160	202	325	567	452	347
80%	281	255	383	417	390	326	154	188	313	449	286	306
90%	205	173	268	357	358	285	138	172	148	143	119	234

Table 5A-B3.4.1.4-B. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports) (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	431	501	537	556	539	497	260	321	400	589	524	460
Wet Water Years	482	595	662	692	607	547	420	486	565	716	676	556
Above Normal Water Years	436	580	587	648	635	615	279	393	516	678	673	454
Below Normal Water Years	429	527	538	498	527	540	187	244	354	678	635	568
Dry Water Years	420	450	418	452	492	430	164	200	312	543	323	338
Critical Water Years	335	249	358	392	386	295	122	162	124	153	128	228

Table 5A-B3.4.1.4-C. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-28	107	97	299	180	162	17	106	125	39	2	47
20%	1	0	137	295	232	179	75	137	187	12	-1	0
30%	-14	0	145	256	205	169	35	48	63	8	-10	-21
40%	35	-36	126	167	166	176	27	56	8	20	-28	-32
50%	2	36	91	118	142	208	-4	15	9	-5	-19	-25
60%	4	43	52	79	116	187	-3	1	0	14	-38	-7
70%	3	4	31	70	69	149	1	2	-2	-39	19	12
80%	22	3	26	75	47	38	0	1	1	-40	20	2
90%	4	4	17	48	31	9	-3	2	6	-6	4	-1

Table 5A-B3.4.1.4-D. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	12	29	78	148	122	131	13	39	43	7	-3	3
Wet Water Years	2	35	159	205	99	75	21	77	82	12	-1	2
Above Normal Water Years	15	47	61	249	225	234	47	89	113	11	-17	-12
Below Normal Water Years	16	28	60	128	139	206	4	17	13	18	-10	4
Dry Water Years	20	29	1	68	135	141	-1	0	-3	-14	3	17
Critical Water Years	14	2	32	62	45	33	-2	-2	-1	-1	9	2

Table 5A-B3.4.1.5-A. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	648	805	783	778	739	652	499	617	727	774	726	714
20%	589	672	716	723	671	601	381	497	606	741	706	623
30%	519	672	661	660	625	577	300	332	435	726	685	578
40%	457	627	574	558	589	545	221	304	362	721	651	468
50%	399	563	534	506	535	514	190	250	348	684	621	444
60%	354	490	485	459	475	485	172	213	336	658	571	379
70%	313	309	428	436	429	444	159	201	328	602	453	344
80%	289	253	383	412	392	326	155	188	314	452	273	302
90%	205	173	247	356	359	287	139	172	153	153	120	234

Table 5A-B3.4.1.5-B. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports) (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	429	504	528	544	532	489	258	319	403	595	524	458
Wet Water Years	485	601	646	678	608	547	417	486	566	715	675	560
Above Normal Water Years	437	587	587	623	627	594	280	383	524	686	663	452
Below Normal Water Years	424	535	527	486	510	533	181	242	355	691	632	563
Dry Water Years	415	448	414	448	482	412	165	200	314	555	339	331
Critical Water Years	329	244	357	388	379	294	125	162	127	155	127	228

Table 5A-B3.4.1.5-C. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-32	133	69	247	170	125	19	106	125	47	2	48
20%	-6	0	118	268	198	158	76	137	186	15	-1	0
30%	-19	0	142	239	191	170	35	48	63	8	-21	-18
40%	33	-25	115	152	175	171	-1	39	8	18	-33	-69
50%	3	30	87	111	146	197	-1	12	8	-2	-20	-21
60%	-9	50	54	79	108	183	0	0	0	22	-44	-6
70%	-4	3	27	70	69	147	1	1	0	-4	20	9
80%	30	1	27	70	48	38	1	1	2	-37	7	-1
90%	3	4	-4	47	32	10	-2	2	12	4	5	0

Table 5A-B3.4.1.5-D. Total SWP and CVP Delta Exports (inc. North Bay Aqueduct) Monthly Volumes (TotDelExports), Difference (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	10	32	69	136	115	123	12	37	45	13	-3	2
Wet Water Years	5	41	144	191	100	75	18	76	83	11	-3	5
Above Normal Water Years	15	54	60	223	217	213	48	79	121	19	-27	-14
Below Normal Water Years	12	35	49	115	122	199	-2	15	15	31	-14	-1
Dry Water Years	16	27	-3	65	125	123	0	-1	-1	-2	18	10
Critical Water Years	8	-3	31	58	38	31	1	-2	1	2	8	2

B.4.2 North Delta Diversion Exports - Total

Figure 5A-B3.4.2.1-A. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Probability of Exceedance for Existing Conditions, October to March

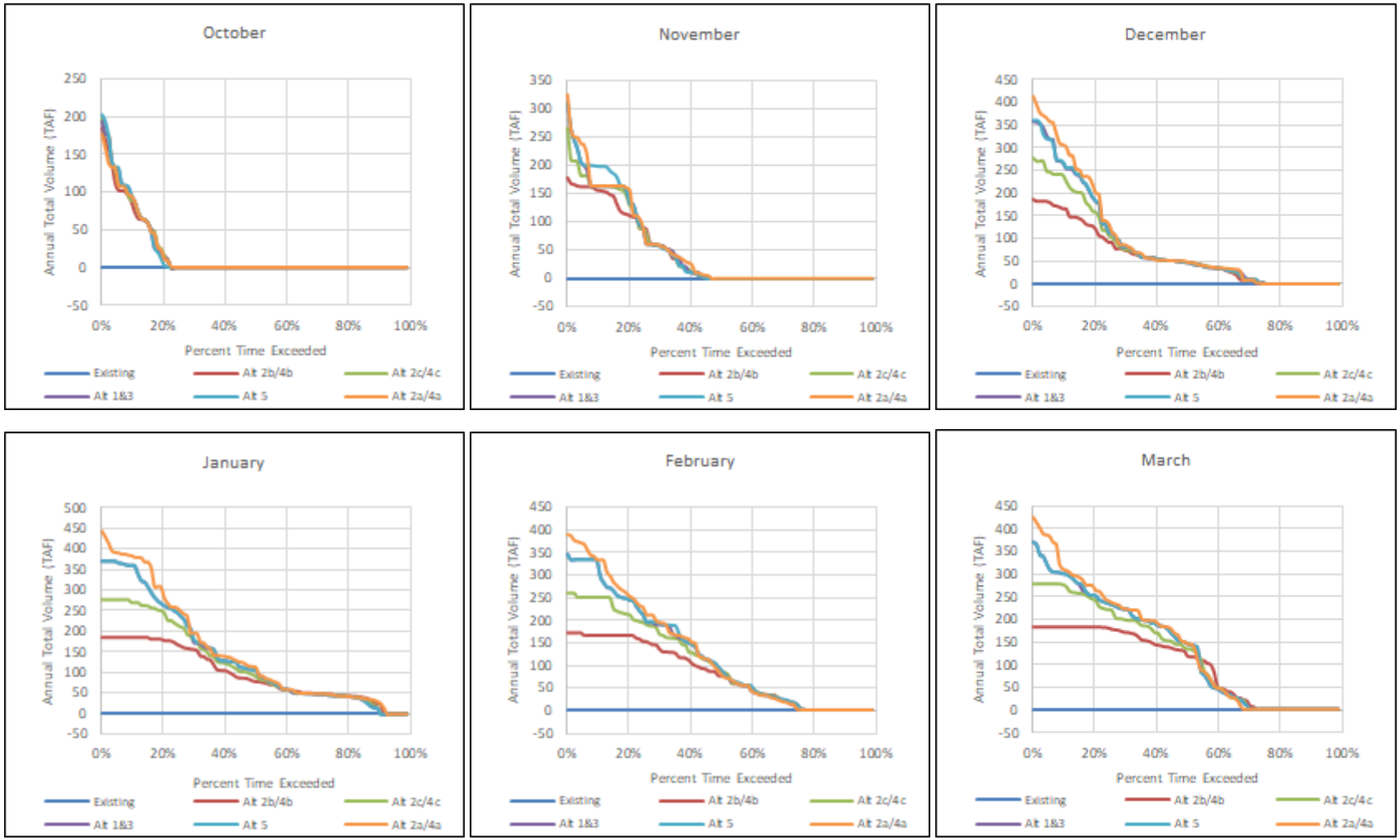


Figure 5A-B3.4.2.1-B. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Probability of Exceedance for Existing Conditions, April to September

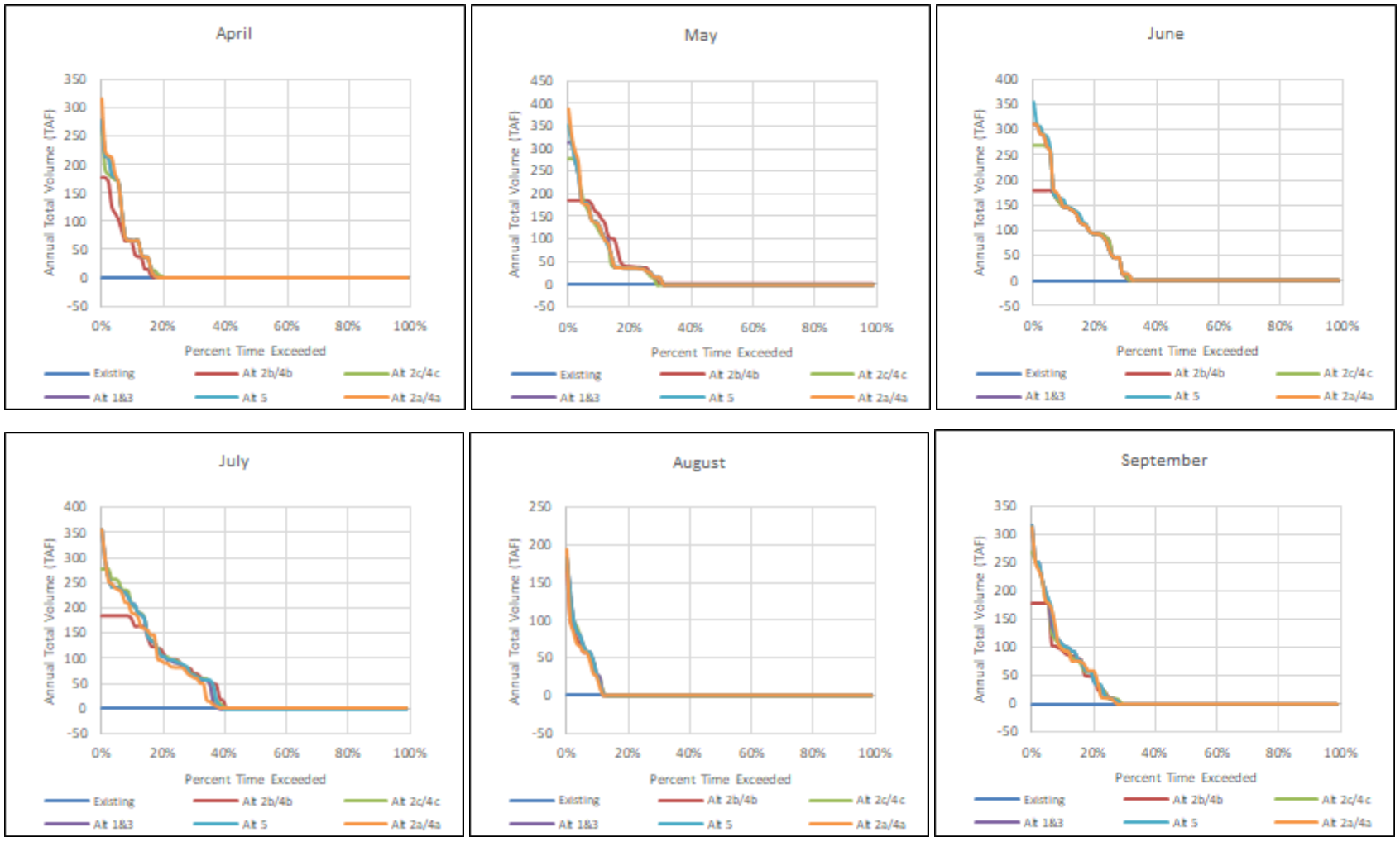


Table 5A-B3.4.2.1-A. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Exceedance Probabilities (thousand acre-feet), Existing Condition

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-B3.4.2.1-B. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001) (thousand acre-feet), Existing Condition

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-B3.4.2.1-C. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	83	156	164	184	167	184	58	153	146	175	26	95
20%	19	113	122	179	167	184	0	39	93	112	0	49
30%	0	60	73	155	137	172	0	1	8	71	0	0
40%	0	12	55	104	110	145	0	0	0	13	0	0
50%	0	0	48	79	77	125	0	0	0	0	0	0
60%	0	0	35	58	53	58	0	0	0	0	0	0
70%	0	0	9	50	23	18	0	0	0	0	0	0
80%	0	0	0	44	0	0	0	0	0	0	0	0
90%	0	0	0	25	0	0	0	0	0	0	0	0

Table 5A-B3.4.2.1-D. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	19	43	59	96	81	99	14	30	36	48	8	24
Wet Water Years	31	57	96	127	83	90	32	61	74	46	9	10
Above Normal Water Years	16	60	65	139	142	156	29	71	74	73	8	0
Below Normal Water Years	17	47	47	86	79	140	0	5	13	96	15	72
Dry Water Years	4	31	31	61	77	79	0	2	0	7	6	27
Critical Water Years	13	8	26	51	35	28	0	0	0	0	0	0

Table 5A-B3.4.2.1-E. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	83	156	164	184	167	184	58	153	146	175	26	95
20%	19	113	122	179	167	184	0	39	93	112	0	49
30%	0	60	73	155	137	172	0	1	8	71	0	0
40%	0	12	55	104	110	145	0	0	0	13	0	0
50%	0	0	48	79	77	125	0	0	0	0	0	0
60%	0	0	35	58	53	58	0	0	0	0	0	0
70%	0	0	9	50	23	18	0	0	0	0	0	0
80%	0	0	0	44	0	0	0	0	0	0	0	0
90%	0	0	0	25	0	0	0	0	0	0	0	0

Table 5A-B3.4.2.1-F. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	19	43	59	96	81	99	14	30	36	48	8	24
Wet Water Years	31	57	96	127	83	90	32	61	74	46	9	10
Above Normal Water Years	16	60	65	139	142	156	29	71	74	73	8	0
Below Normal Water Years	17	47	47	86	79	140	0	5	13	96	15	72
Dry Water Years	4	31	31	61	77	79	0	2	0	7	6	27
Critical Water Years	13	8	26	51	35	28	0	0	0	0	0	0

Table 5A-B3.4.2.2-A. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	88	163	235	270	250	274	66	118	146	205	27	101
20%	19	136	159	247	211	241	1	37	93	104	0	48
30%	0	60	76	176	170	197	0	0	11	67	0	0
40%	0	16	56	124	128	169	0	0	0	3	0	0
50%	0	0	48	93	90	134	0	0	0	0	0	0
60%	0	0	36	59	45	49	0	0	0	0	0	0
70%	0	0	9	49	23	8	0	0	0	0	0	0
80%	0	0	0	44	0	0	0	0	0	0	0	0
90%	0	0	0	18	0	0	0	0	0	0	0	0

Table 5A-B3.4.2.2-B. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001) (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	20	49	75	122	106	122	19	30	42	54	9	28
Wet Water Years	33	62	131	162	106	99	43	61	80	47	9	10
Above Normal Water Years	20	65	78	192	190	206	41	66	103	96	8	0
Below Normal Water Years	17	60	55	106	107	178	0	7	13	112	19	86
Dry Water Years	4	34	34	69	99	98	0	2	0	7	6	29
Critical Water Years	14	8	32	58	38	34	0	0	0	0	0	1

Table 5A-B3.4.2.2-C. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	88	163	235	270	250	274	66	118	146	205	27	101
20%	19	136	159	247	211	241	1	37	93	104	0	48
30%	0	60	76	176	170	197	0	0	11	67	0	0
40%	0	16	56	124	128	169	0	0	0	3	0	0
50%	0	0	48	93	90	134	0	0	0	0	0	0
60%	0	0	36	59	45	49	0	0	0	0	0	0
70%	0	0	9	49	23	8	0	0	0	0	0	0
80%	0	0	0	44	0	0	0	0	0	0	0	0
90%	0	0	0	18	0	0	0	0	0	0	0	0

Table 5A-B3.4.2.2-D. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	20	49	75	122	106	122	19	30	42	54	9	28
Wet Water Years	33	62	131	162	106	99	43	61	80	47	9	10
Above Normal Water Years	20	65	78	192	190	206	41	66	103	96	8	0
Below Normal Water Years	17	60	55	106	107	178	0	7	13	112	19	86
Dry Water Years	4	34	34	69	99	98	0	2	0	7	6	29
Critical Water Years	14	8	32	58	38	34	0	0	0	0	0	1

Table 5A-B3.4.2.3-A. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	92	163	264	358	320	299	66	130	146	208	27	105
20%	15	142	185	264	245	251	0	37	93	106	0	45
30%	0	59	82	176	189	221	0	16	13	68	0	0
40%	0	13	56	130	148	188	0	0	0	0	0	0
50%	0	0	47	106	91	147	0	0	0	0	0	0
60%	0	0	35	61	45	46	0	0	0	0	0	0
70%	0	0	11	49	23	7	0	0	0	0	0	0
80%	0	0	0	43	0	0	0	0	0	0	0	0
90%	0	0	0	15	0	0	0	0	0	0	0	0

Table 5A-B3.4.2.3-B. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001) (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	20	52	87	140	121	133	19	32	43	55	9	29
Wet Water Years	32	63	157	194	120	104	44	66	80	46	9	13
Above Normal Water Years	23	71	87	224	214	213	43	69	113	93	8	0
Below Normal Water Years	17	65	62	116	127	198	0	7	13	115	19	87
Dry Water Years	4	35	34	73	116	123	0	0	0	7	5	29
Critical Water Years	14	8	37	65	44	38	0	0	0	0	0	1

Table 5A-B3.4.2.3-C. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	92	163	264	358	320	299	66	130	146	208	27	105
20%	15	142	185	264	245	251	0	37	93	106	0	45
30%	0	59	82	176	189	221	0	16	13	68	0	0
40%	0	13	56	130	148	188	0	0	0	0	0	0
50%	0	0	47	106	91	147	0	0	0	0	0	0
60%	0	0	35	61	45	46	0	0	0	0	0	0
70%	0	0	11	49	23	7	0	0	0	0	0	0
80%	0	0	0	43	0	0	0	0	0	0	0	0
90%	0	0	0	15	0	0	0	0	0	0	0	0

Table 5A-B3.4.2.3-D. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	20	52	87	140	121	133	19	32	43	55	9	29
Wet Water Years	32	63	157	194	120	104	44	66	80	46	9	13
Above Normal Water Years	23	71	87	224	214	213	43	69	113	93	8	0
Below Normal Water Years	17	65	62	116	127	198	0	7	13	115	19	87
Dry Water Years	4	35	34	73	116	123	0	0	0	7	5	29
Critical Water Years	14	8	37	65	44	38	0	0	0	0	0	1

Table 5A-B3.4.2.4-A. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	93	163	305	383	333	310	66	129	146	189	21	97
20%	16	157	208	293	255	268	0	37	92	92	0	58
30%	0	59	86	197	194	223	0	16	13	61	0	0
40%	0	27	53	140	156	195	0	0	0	0	0	0
50%	0	0	49	114	83	147	0	0	0	0	0	0
60%	0	0	36	61	45	48	0	0	0	0	0	0
70%	0	0	9	50	20	0	0	0	0	0	0	0
80%	0	0	0	43	0	0	0	0	0	0	0	0
90%	0	0	0	32	0	0	0	0	0	0	0	0

Table 5A-B3.4.2.4-B. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001) (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	19	54	95	152	128	142	20	33	43	51	8	29
Wet Water Years	30	64	173	208	122	107	47	68	80	46	9	10
Above Normal Water Years	20	68	92	249	221	234	40	76	112	86	8	0
Below Normal Water Years	17	70	69	130	141	205	2	7	13	103	17	84
Dry Water Years	4	38	34	77	126	140	0	0	0	6	0	36
Critical Water Years	14	11	38	73	42	41	0	0	0	0	0	1

Table 5A-B3.4.2.4-C. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	93	163	305	383	333	310	66	129	146	189	21	97
20%	16	157	208	293	255	268	0	37	92	92	0	58
30%	0	59	86	197	194	223	0	16	13	61	0	0
40%	0	27	53	140	156	195	0	0	0	0	0	0
50%	0	0	49	114	83	147	0	0	0	0	0	0
60%	0	0	36	61	45	48	0	0	0	0	0	0
70%	0	0	9	50	20	0	0	0	0	0	0	0
80%	0	0	0	43	0	0	0	0	0	0	0	0
90%	0	0	0	32	0	0	0	0	0	0	0	0

Table 5A-B3.4.2.4-D. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	19	54	95	152	128	142	20	33	43	51	8	29
Wet Water Years	30	64	173	208	122	107	47	68	80	46	9	10
Above Normal Water Years	20	68	92	249	221	234	40	76	112	86	8	0
Below Normal Water Years	17	70	69	130	141	205	2	7	13	103	17	84
Dry Water Years	4	38	34	77	126	140	0	0	0	6	0	36
Critical Water Years	14	11	38	73	42	41	0	0	0	0	0	1

Table 5A-B3.4.2.5-A. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	92	198	264	358	320	299	66	130	157	208	24	105
20%	6	142	185	264	245	251	0	37	93	106	0	45
30%	0	58	82	183	193	221	0	16	13	68	0	0
40%	0	12	56	130	148	188	0	0	0	0	0	0
50%	0	0	47	106	91	147	0	0	0	0	0	0
60%	0	0	35	61	54	46	0	0	0	0	0	0
70%	0	0	9	49	23	8	0	0	0	0	0	0
80%	0	0	0	43	0	0	0	0	0	0	0	0
90%	0	0	0	14	0	0	0	0	0	0	0	0

Table 5A-B3.4.2.5-B. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001) (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	20	54	87	140	123	133	19	32	45	55	9	30
Wet Water Years	32	68	156	195	122	104	44	67	82	46	9	14
Above Normal Water Years	23	76	87	223	216	213	43	69	121	93	8	0
Below Normal Water Years	17	65	61	116	127	198	0	7	13	119	19	86
Dry Water Years	4	37	34	73	116	123	0	0	0	7	5	29
Critical Water Years	13	8	37	64	44	38	0	0	0	0	0	1

Table 5A-B3.4.2.5-C. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	92	198	264	358	320	299	66	130	157	208	24	105
20%	6	142	185	264	245	251	0	37	93	106	0	45
30%	0	58	82	183	193	221	0	16	13	68	0	0
40%	0	12	56	130	148	188	0	0	0	0	0	0
50%	0	0	47	106	91	147	0	0	0	0	0	0
60%	0	0	35	61	54	46	0	0	0	0	0	0
70%	0	0	9	49	23	8	0	0	0	0	0	0
80%	0	0	0	43	0	0	0	0	0	0	0	0
90%	0	0	0	14	0	0	0	0	0	0	0	0

Table 5A-B3.4.2.5-D. North Delta Diversion Exports - Total Monthly Volumes (D_SAC041_ISF001), Difference (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	20	54	87	140	123	133	19	32	45	55	9	30
Wet Water Years	32	68	156	195	122	104	44	67	82	46	9	14
Above Normal Water Years	23	76	87	223	216	213	43	69	121	93	8	0
Below Normal Water Years	17	65	61	116	127	198	0	7	13	119	19	86
Dry Water Years	4	37	34	73	116	123	0	0	0	7	5	29
Critical Water Years	13	8	37	64	44	38	0	0	0	0	0	1

B.4.3 North Delta Diversion Exports - SWP

Figure 5A-B3.4.3.1-A. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Probability of Exceedance for Existing Conditions, October to March

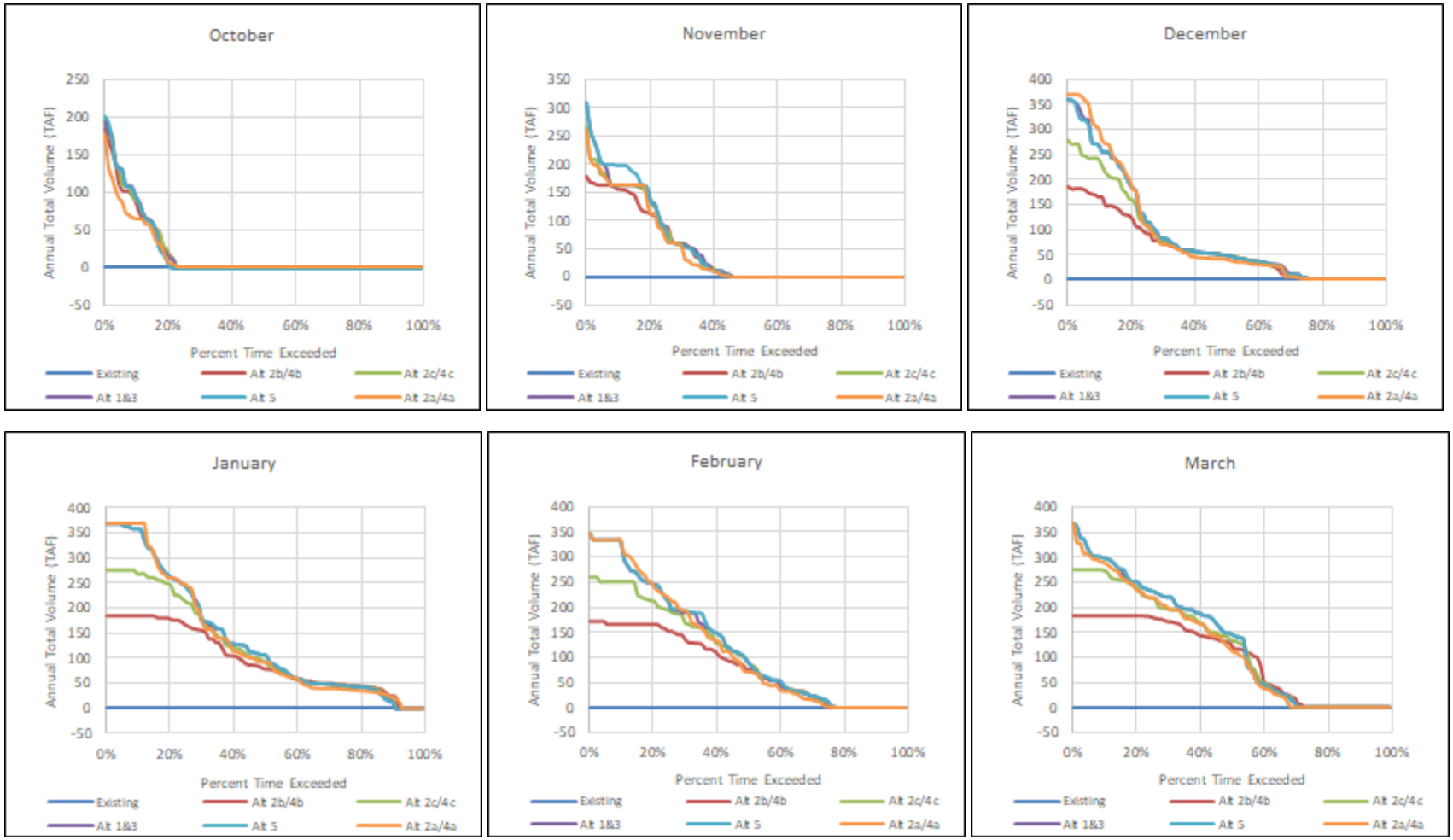


Figure 5A-B3.4.3.1-B. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Probability of Exceedance for Existing Conditions, April to September

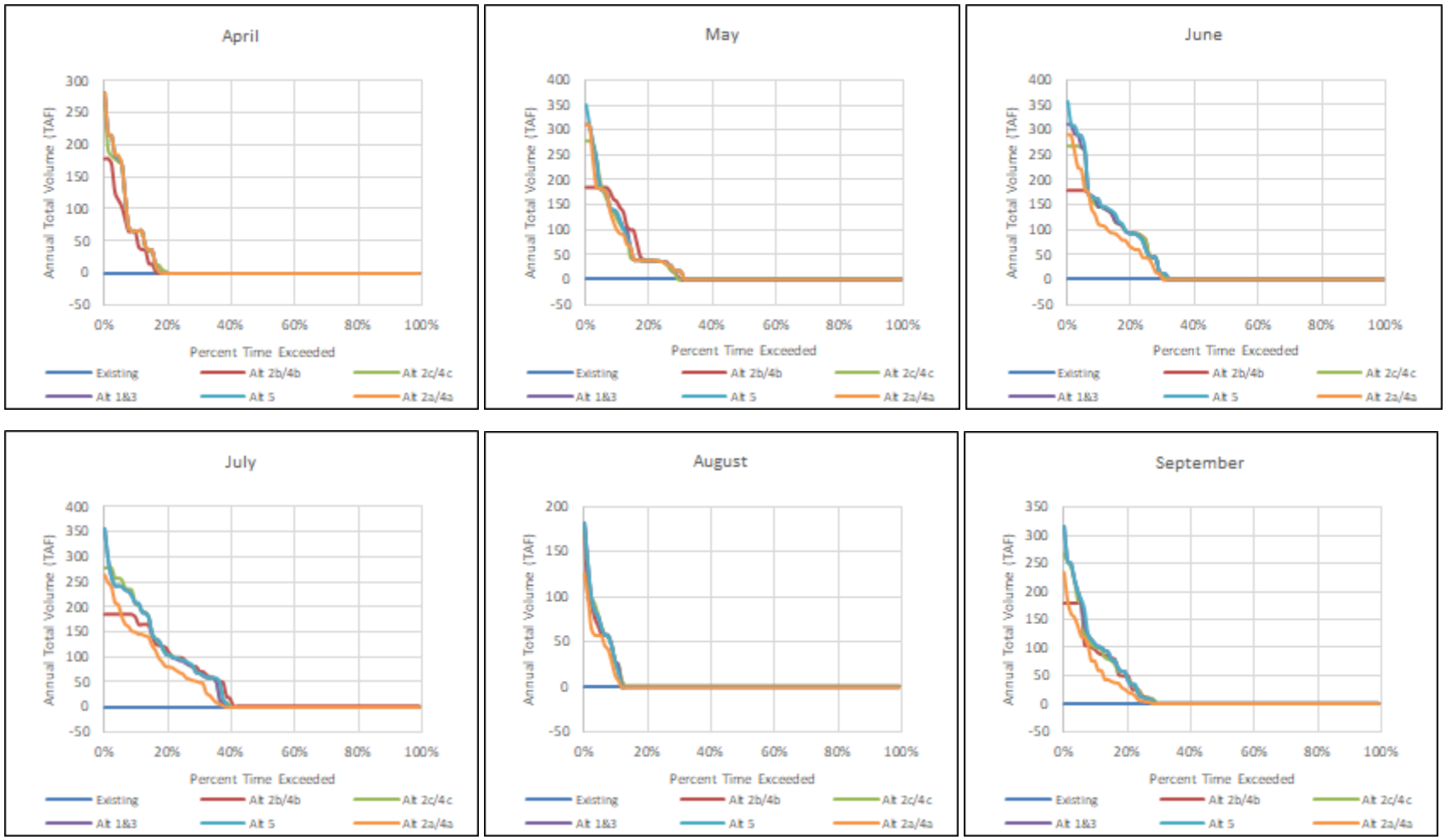


Table 5A-B3.4.3.1-A. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Exceedance Probabilities (thousand acre-feet), Existing Condition

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-B3.4.3.1-B. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF) (thousand acre-feet), Existing Condition

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-B3.4.3.1-C. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	83	156	164	184	167	184	58	153	146	175	26	95
20%	19	113	122	179	167	184	0	39	93	112	0	49
30%	0	60	73	155	137	172	0	1	8	71	0	0
40%	0	12	55	104	110	145	0	0	0	13	0	0
50%	0	0	48	79	77	125	0	0	0	0	0	0
60%	0	0	35	58	53	58	0	0	0	0	0	0
70%	0	0	9	50	23	18	0	0	0	0	0	0
80%	0	0	0	44	0	0	0	0	0	0	0	0
90%	0	0	0	25	0	0	0	0	0	0	0	0

Table 5A-B3.4.3.1-D. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF) (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	19	43	59	96	81	99	14	30	36	48	8	24
Wet Water Years	31	57	96	127	83	90	32	61	74	46	9	10
Above Normal Water Years	16	60	65	139	142	156	29	71	74	73	8	0
Below Normal Water Years	17	47	47	86	79	140	0	5	13	96	15	72
Dry Water Years	4	31	31	61	77	79	0	2	0	7	6	27
Critical Water Years	13	8	26	51	35	28	0	0	0	0	0	0

Table 5A-B3.4.3.1-E. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	83	156	164	184	167	184	58	153	146	175	26	95
20%	19	113	122	179	167	184	0	39	93	112	0	49
30%	0	60	73	155	137	172	0	1	8	71	0	0
40%	0	12	55	104	110	145	0	0	0	13	0	0
50%	0	0	48	79	77	125	0	0	0	0	0	0
60%	0	0	35	58	53	58	0	0	0	0	0	0
70%	0	0	9	50	23	18	0	0	0	0	0	0
80%	0	0	0	44	0	0	0	0	0	0	0	0
90%	0	0	0	25	0	0	0	0	0	0	0	0

Table 5A-B3.4.3.1-F. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	19	43	59	96	81	99	14	30	36	48	8	24
Wet Water Years	31	57	96	127	83	90	32	61	74	46	9	10
Above Normal Water Years	16	60	65	139	142	156	29	71	74	73	8	0
Below Normal Water Years	17	47	47	86	79	140	0	5	13	96	15	72
Dry Water Years	4	31	31	61	77	79	0	2	0	7	6	27
Critical Water Years	13	8	26	51	35	28	0	0	0	0	0	0

Table 5A-B3.4.3.2-A. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	88	163	235	270	250	274	66	118	146	205	27	101
20%	19	136	159	247	211	241	1	37	93	104	0	48
30%	0	60	76	176	170	197	0	0	11	67	0	0
40%	0	16	56	124	128	169	0	0	0	3	0	0
50%	0	0	48	93	90	134	0	0	0	0	0	0
60%	0	0	36	59	45	49	0	0	0	0	0	0
70%	0	0	9	49	23	8	0	0	0	0	0	0
80%	0	0	0	44	0	0	0	0	0	0	0	0
90%	0	0	0	18	0	0	0	0	0	0	0	0

Table 5A-B3.4.3.2-B. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF) (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	20	49	75	122	106	122	19	30	42	54	9	28
Wet Water Years	33	62	131	162	106	99	43	61	80	47	9	10
Above Normal Water Years	20	65	78	192	190	206	41	66	103	96	8	0
Below Normal Water Years	17	60	55	106	107	178	0	7	13	112	19	86
Dry Water Years	4	34	34	69	99	98	0	2	0	7	6	29
Critical Water Years	14	8	32	58	38	34	0	0	0	0	0	1

Table 5A-B3.4.3.2-C. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	88	163	235	270	250	274	66	118	146	205	27	101
20%	19	136	159	247	211	241	1	37	93	104	0	48
30%	0	60	76	176	170	197	0	0	11	67	0	0
40%	0	16	56	124	128	169	0	0	0	3	0	0
50%	0	0	48	93	90	134	0	0	0	0	0	0
60%	0	0	36	59	45	49	0	0	0	0	0	0
70%	0	0	9	49	23	8	0	0	0	0	0	0
80%	0	0	0	44	0	0	0	0	0	0	0	0
90%	0	0	0	18	0	0	0	0	0	0	0	0

Table 5A-B3.4.3.2-D. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	20	49	75	122	106	122	19	30	42	54	9	28
Wet Water Years	33	62	131	162	106	99	43	61	80	47	9	10
Above Normal Water Years	20	65	78	192	190	206	41	66	103	96	8	0
Below Normal Water Years	17	60	55	106	107	178	0	7	13	112	19	86
Dry Water Years	4	34	34	69	99	98	0	2	0	7	6	29
Critical Water Years	14	8	32	58	38	34	0	0	0	0	0	1

Table 5A-B3.4.3.3-A. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	92	163	264	358	320	299	66	130	146	208	27	105
20%	15	142	185	264	245	251	0	37	93	106	0	45
30%	0	59	82	176	189	221	0	16	13	68	0	0
40%	0	13	56	130	148	188	0	0	0	0	0	0
50%	0	0	47	106	91	147	0	0	0	0	0	0
60%	0	0	35	61	45	46	0	0	0	0	0	0
70%	0	0	11	49	23	7	0	0	0	0	0	0
80%	0	0	0	43	0	0	0	0	0	0	0	0
90%	0	0	0	15	0	0	0	0	0	0	0	0

Table 5A-B3.4.3.3-B. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF) (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	20	52	87	140	121	133	19	32	43	55	9	29
Wet Water Years	32	63	157	194	120	104	44	66	80	46	9	13
Above Normal Water Years	23	71	87	224	214	213	43	69	113	93	8	0
Below Normal Water Years	17	65	62	116	127	198	0	7	13	115	19	87
Dry Water Years	4	35	34	73	116	123	0	0	0	7	5	29
Critical Water Years	14	8	37	65	44	38	0	0	0	0	0	1

Table 5A-B3.4.3.3-C. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	92	163	264	358	320	299	66	130	146	208	27	105
20%	15	142	185	264	245	251	0	37	93	106	0	45
30%	0	59	82	176	189	221	0	16	13	68	0	0
40%	0	13	56	130	148	188	0	0	0	0	0	0
50%	0	0	47	106	91	147	0	0	0	0	0	0
60%	0	0	35	61	45	46	0	0	0	0	0	0
70%	0	0	11	49	23	7	0	0	0	0	0	0
80%	0	0	0	43	0	0	0	0	0	0	0	0
90%	0	0	0	15	0	0	0	0	0	0	0	0

Table 5A-B3.4.3.3-D. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	20	52	87	140	121	133	19	32	43	55	9	29
Wet Water Years	32	63	157	194	120	104	44	66	80	46	9	13
Above Normal Water Years	23	71	87	224	214	213	43	69	113	93	8	0
Below Normal Water Years	17	65	62	116	127	198	0	7	13	115	19	87
Dry Water Years	4	35	34	73	116	123	0	0	0	7	5	29
Critical Water Years	14	8	37	65	44	38	0	0	0	0	0	1

Table 5A-B3.4.3.4-A. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	163	294	369	325	289	66	97	110	148	12	71
20%	8	118	188	260	242	236	0	37	65	81	0	22
30%	0	54	69	177	193	198	0	16	1	50	0	0
40%	0	12	45	115	132	168	0	0	0	0	0	0
50%	0	0	39	92	71	114	0	0	0	0	0	0
60%	0	0	29	61	36	38	0	0	0	0	0	0
70%	0	0	5	40	16	0	0	0	0	0	0	0
80%	0	0	0	35	0	0	0	0	0	0	0	0
90%	0	0	0	24	0	0	0	0	0	0	0	0

Table 5A-B3.4.3.4-B. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF) (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	15	46	87	136	118	123	19	29	34	41	6	19
Wet Water Years	26	58	163	194	118	99	44	60	66	40	9	10
Above Normal Water Years	14	58	81	219	207	202	40	65	91	86	8	0
Below Normal Water Years	12	60	64	114	130	174	2	7	6	68	11	57
Dry Water Years	2	29	27	62	107	115	0	0	0	5	0	17
Critical Water Years	11	5	35	58	35	33	0	0	0	0	0	0

Table 5A-B3.4.3.4-C. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	163	294	369	325	289	66	97	110	148	12	71
20%	8	118	188	260	242	236	0	37	65	81	0	22
30%	0	54	69	177	193	198	0	16	1	50	0	0
40%	0	12	45	115	132	168	0	0	0	0	0	0
50%	0	0	39	92	71	114	0	0	0	0	0	0
60%	0	0	29	61	36	38	0	0	0	0	0	0
70%	0	0	5	40	16	0	0	0	0	0	0	0
80%	0	0	0	35	0	0	0	0	0	0	0	0
90%	0	0	0	24	0	0	0	0	0	0	0	0

Table 5A-B3.4.3.4-D. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	15	46	87	136	118	123	19	29	34	41	6	19
Wet Water Years	26	58	163	194	118	99	44	60	66	40	9	10
Above Normal Water Years	14	58	81	219	207	202	40	65	91	86	8	0
Below Normal Water Years	12	60	64	114	130	174	2	7	6	68	11	57
Dry Water Years	2	29	27	62	107	115	0	0	0	5	0	17
Critical Water Years	11	5	35	58	35	33	0	0	0	0	0	0

Table 5A-B3.4.3.5-A. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	92	198	264	358	320	299	66	130	157	208	24	105
20%	6	142	185	264	245	251	0	37	93	106	0	45
30%	0	58	82	183	193	221	0	16	13	68	0	0
40%	0	12	56	130	148	188	0	0	0	0	0	0
50%	0	0	47	106	91	147	0	0	0	0	0	0
60%	0	0	35	61	54	46	0	0	0	0	0	0
70%	0	0	9	49	23	8	0	0	0	0	0	0
80%	0	0	0	43	0	0	0	0	0	0	0	0
90%	0	0	0	14	0	0	0	0	0	0	0	0

Table 5A-B3.4.3.5-B. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF) (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	20	54	87	140	123	133	19	32	45	55	9	30
Wet Water Years	32	68	156	195	122	104	44	67	82	46	9	14
Above Normal Water Years	23	76	87	223	216	213	43	69	121	93	8	0
Below Normal Water Years	17	65	61	116	127	198	0	7	13	119	19	86
Dry Water Years	4	37	34	73	116	123	0	0	0	7	5	29
Critical Water Years	13	8	37	64	44	38	0	0	0	0	0	1

Table 5A-B3.4.3.5-C. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	92	198	264	358	320	299	66	130	157	208	24	105
20%	6	142	185	264	245	251	0	37	93	106	0	45
30%	0	58	82	183	193	221	0	16	13	68	0	0
40%	0	12	56	130	148	188	0	0	0	0	0	0
50%	0	0	47	106	91	147	0	0	0	0	0	0
60%	0	0	35	61	54	46	0	0	0	0	0	0
70%	0	0	9	49	23	8	0	0	0	0	0	0
80%	0	0	0	43	0	0	0	0	0	0	0	0
90%	0	0	0	14	0	0	0	0	0	0	0	0

Table 5A-B3.4.3.5-D. North Delta Diversion Exports - SWP Monthly Volumes (C_CAA003_SWP_IF), Difference (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	20	54	87	140	123	133	19	32	45	55	9	30
Wet Water Years	32	68	156	195	122	104	44	67	82	46	9	14
Above Normal Water Years	23	76	87	223	216	213	43	69	121	93	8	0
Below Normal Water Years	17	65	61	116	127	198	0	7	13	119	19	86
Dry Water Years	4	37	34	73	116	123	0	0	0	7	5	29
Critical Water Years	13	8	37	64	44	38	0	0	0	0	0	1

B.4.4 North Delta Diversion Exports - CVP

Figure 5A-B3.4.4.1-A. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Probability of Exceedance for Existing Conditions, October to March

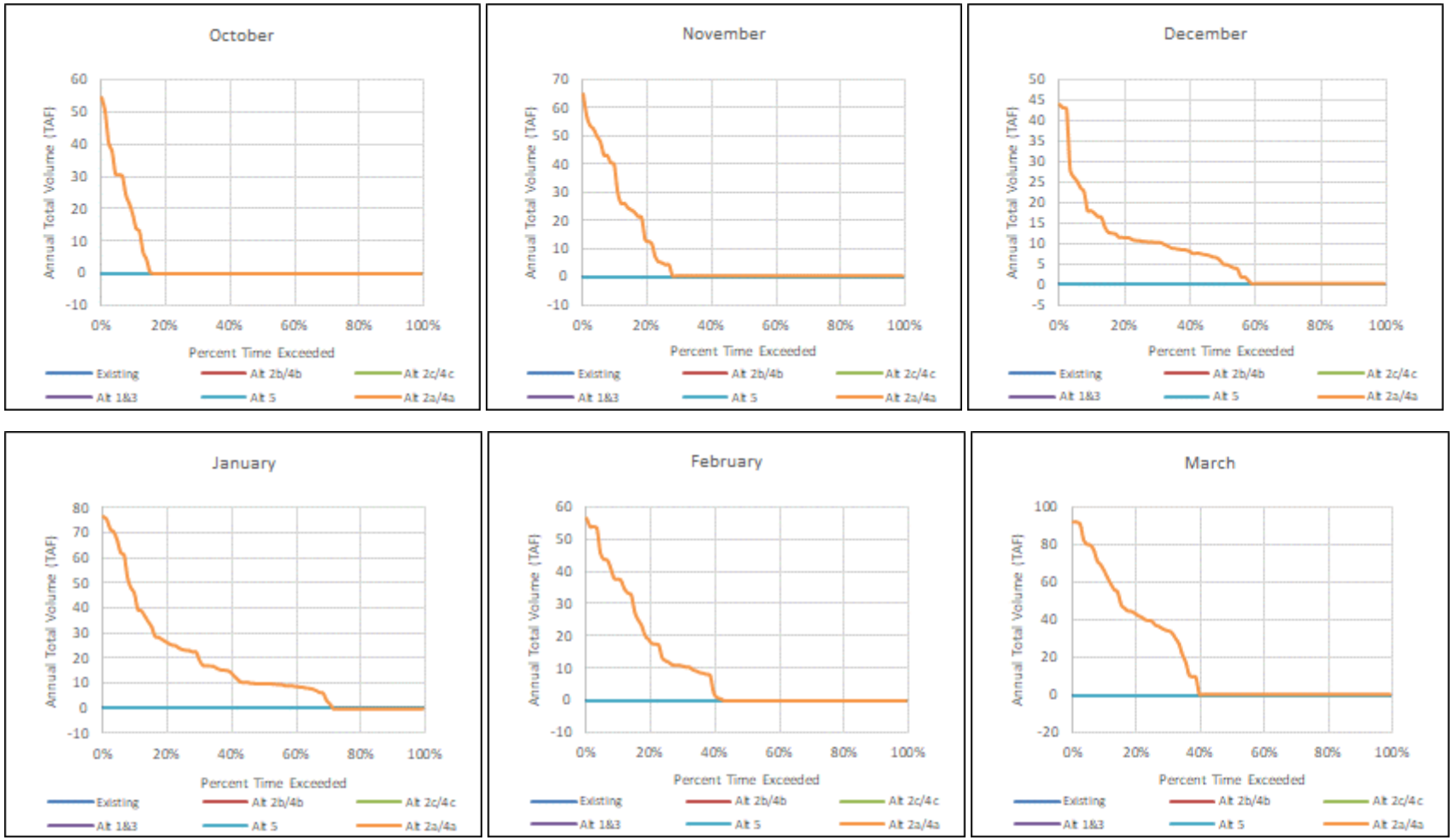


Figure 5A-B3.4.4.1-B. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Probability of Exceedance for Existing Conditions, April to September

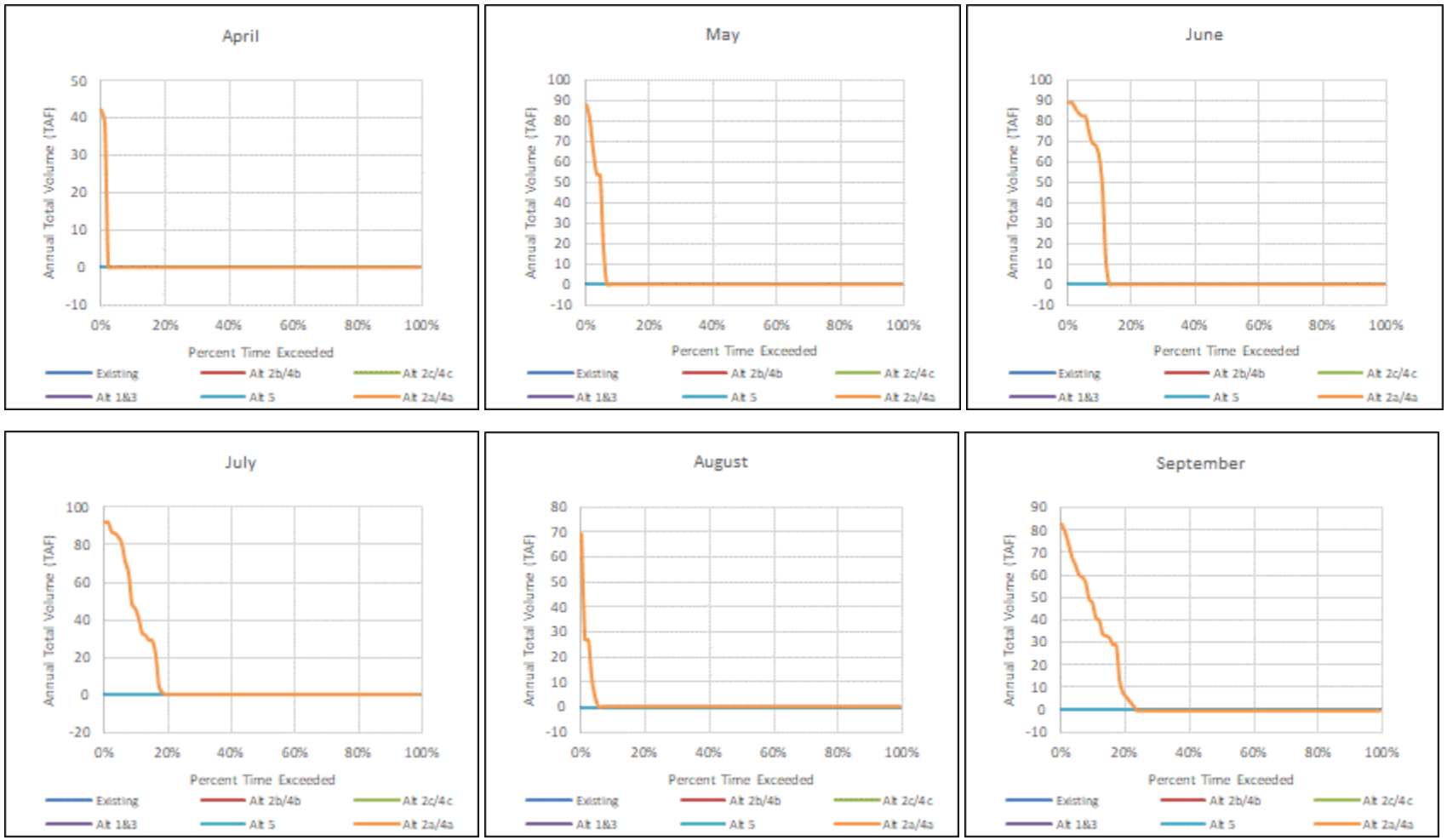


Table 5A-B3.4.4.1-A. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Exceedance Probabilities (thousand acre-feet), Existing Condition

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-B3.4.4.1-B. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF) (thousand acre-feet), Existing Condition

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-B3.4.4.1-C. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020)

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-B3.4.4.1-D. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF) (thousand acre-feet), Alternative 2b/4b (2020)

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-B3.4.4.1-E. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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-B3.4.4.1-F. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF) Difference (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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-B3.4.4.2-A. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020)

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-B3.4.4.2-B. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF) (thousand acre-feet), Alternative 2c/4c (2020)

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-B3.4.4.2-C. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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-B3.4.4.2-D. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF) Difference (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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-B3.4.4.3-A. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020)

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-B3.4.4.3-B. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF) (thousand acre-feet), Alternative 1/3 (2020)

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-B3.4.4.3-C. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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-B3.4.4.3-D. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Difference (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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-B3.4.4.4-A. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	17	37	18	44	37	65	0	0	58	44	0	46
20%	0	13	11	26	18	43	0	0	0	0	0	7
30%	0	0	10	19	11	34	0	0	0	0	0	0
40%	0	0	8	14	2	0	0	0	0	0	0	0
50%	0	0	5	10	0	0	0	0	0	0	0	0
60%	0	0	0	9	0	0	0	0	0	0	0	0
70%	0	0	0	3	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-B3.4.4.4-B. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF) (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4	8	7	17	10	19	1	4	9	10	1	10
Wet Water Years	4	6	10	14	4	8	3	7	15	6	0	0
Above Normal Water Years	7	10	11	29	14	32	0	11	21	0	0	0
Below Normal Water Years	5	10	5	16	10	31	0	0	7	34	6	27
Dry Water Years	2	8	7	15	19	25	0	0	0	1	0	19
Critical Water Years	3	6	2	15	8	8	0	0	0	0	0	0

Table 5A-B3.4.4.4-C. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	17	37	18	44	37	65	0	0	58	44	0	46
20%	0	13	11	26	18	43	0	0	0	0	0	7
30%	0	0	10	19	11	34	0	0	0	0	0	0
40%	0	0	8	14	2	0	0	0	0	0	0	0
50%	0	0	5	10	0	0	0	0	0	0	0	0
60%	0	0	0	9	0	0	0	0	0	0	0	0
70%	0	0	0	3	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-B3.4.4.4-D. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Difference (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4	8	7	17	10	19	1	4	9	10	1	10
Wet Water Years	4	6	10	14	4	8	3	7	15	6	0	0
Above Normal Water Years	7	10	11	29	14	32	0	11	21	0	0	0
Below Normal Water Years	5	10	5	16	10	31	0	0	7	34	6	27
Dry Water Years	2	8	7	15	19	25	0	0	0	1	0	19
Critical Water Years	3	6	2	15	8	8	0	0	0	0	0	0

Table 5A-B3.4.4.5-A. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020)

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-B3.4.4.5-B. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF) (thousand acre-feet), Alternative 5 (2020)

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-B3.4.4.5-C. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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-B3.4.4.5-D. North Delta Diversion Exports - CVP Monthly Volumes (C_DMC000_IF), Difference (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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-B3.4.5.1-A. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Probability of Exceedance for Existing Conditions, October to March

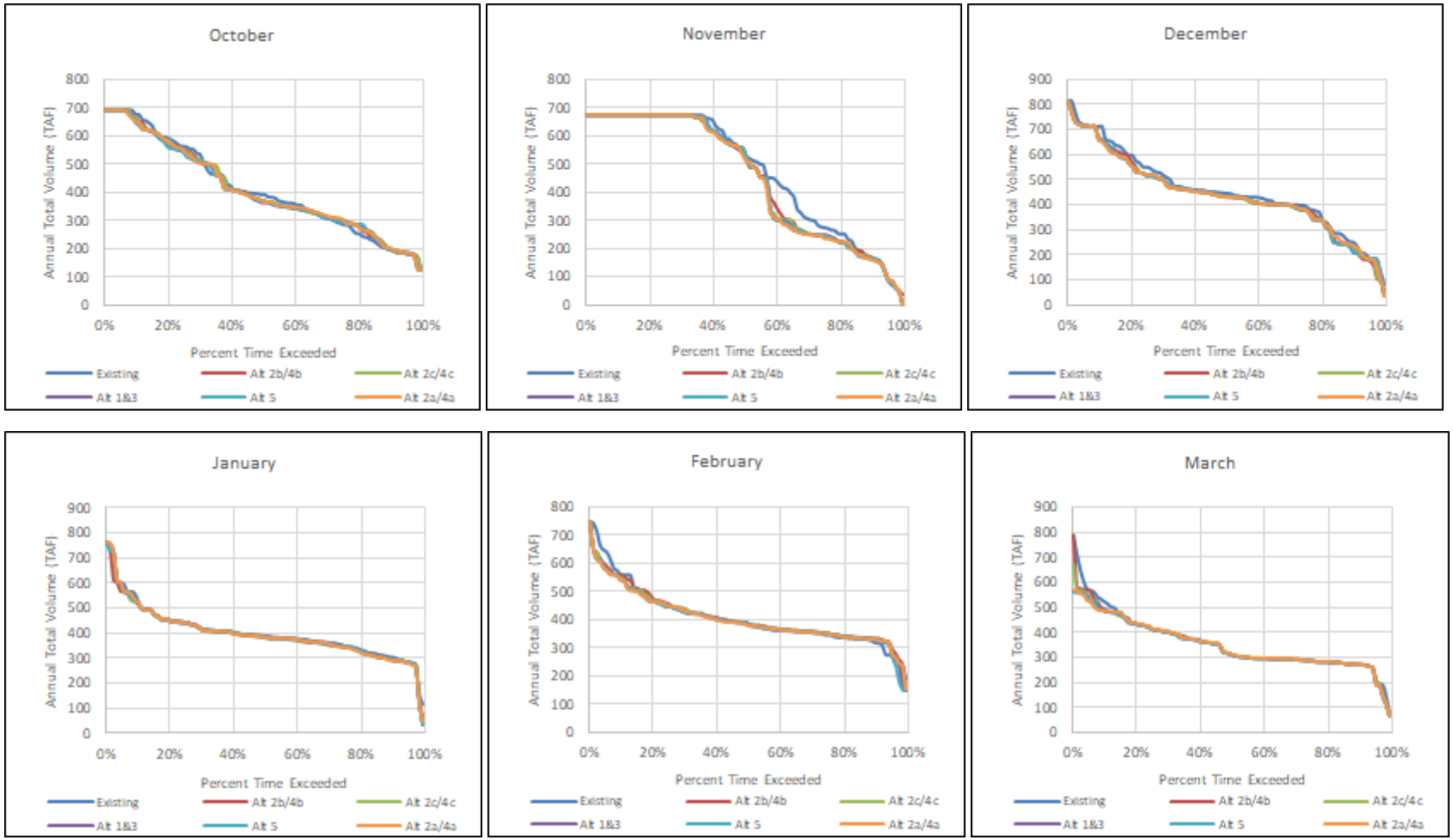


Figure 5A-B3.4.5.1-B. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Probability of Exceedance for Existing Conditions, April to September

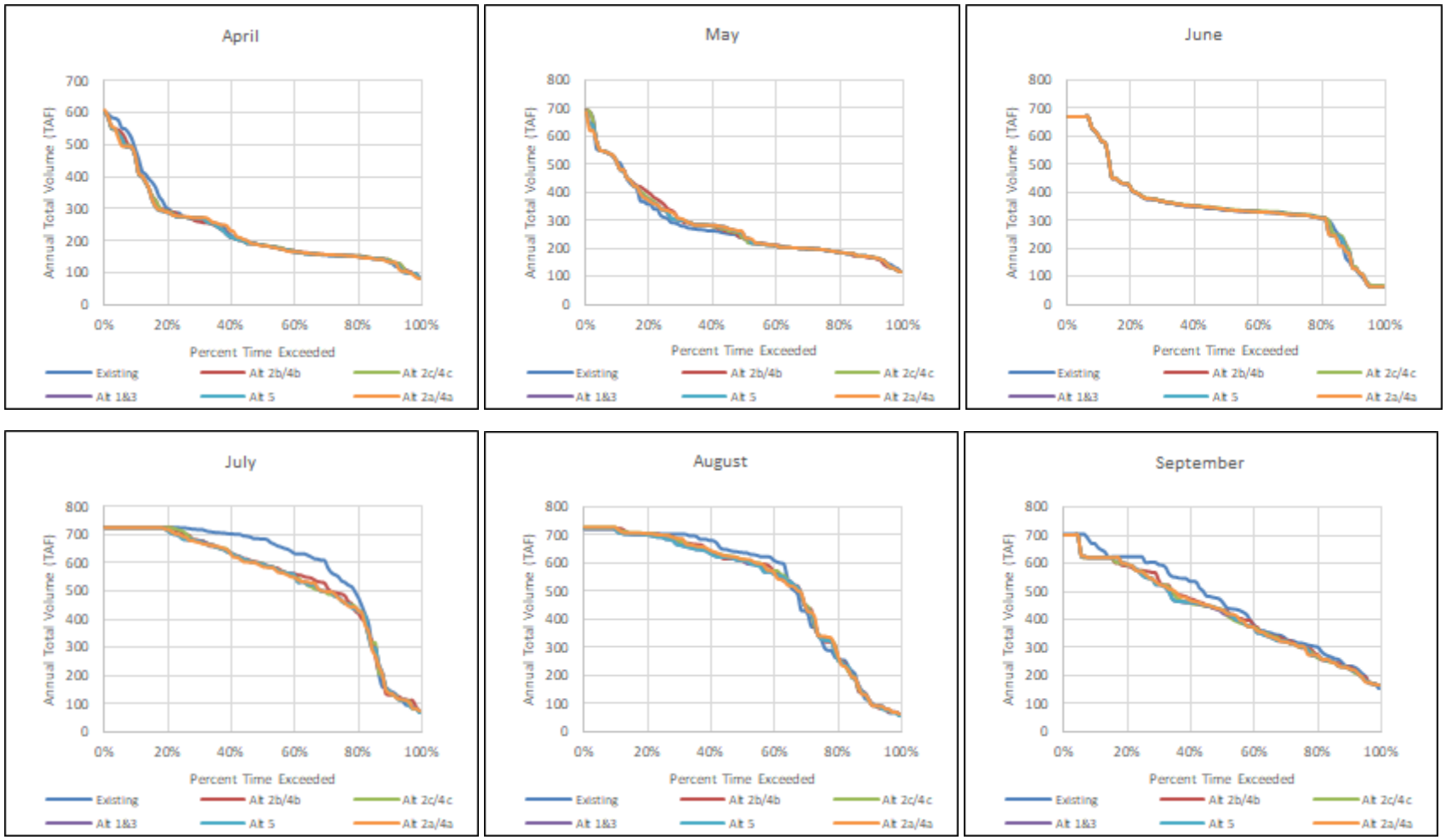


Table 5A-B3.4.5.1-A. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Exceedance Probabilities (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	678	671	713	525	561	524	479	508	597	724	723	664
20%	594	671	597	451	468	437	303	357	416	724	704	621
30%	536	671	518	418	428	404	264	281	370	717	704	593
40%	422	651	459	404	409	373	220	262	352	701	681	534
50%	394	532	446	388	385	314	190	236	338	684	639	463
60%	361	439	429	378	364	299	171	210	332	634	613	383
70%	315	305	399	363	356	294	157	199	325	604	431	334
80%	256	251	354	335	339	285	153	186	310	487	264	301
90%	200	168	250	304	323	275	141	169	140	147	113	233

Table 5A-B3.4.5.1-B. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports) (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	418	471	458	403	412	363	244	279	355	580	526	455
Wet Water Years	478	559	501	481	502	469	397	407	479	702	676	552
Above Normal Water Years	419	532	526	394	404	378	230	301	398	664	688	464
Below Normal Water Years	411	498	477	365	384	331	181	224	338	658	643	562
Dry Water Years	398	420	417	379	353	287	164	200	313	555	318	319
Critical Water Years	320	246	325	328	339	262	123	163	124	151	118	224

Table 5A-B3.4.5.1-C. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	669	671	666	511	556	494	450	501	598	724	724	621
20%	574	671	576	450	474	437	295	398	416	724	704	591
30%	515	671	501	415	438	404	263	301	370	678	678	540
40%	413	615	453	399	407	367	214	279	352	634	644	474
50%	366	528	432	382	386	314	188	236	340	595	610	434
60%	345	346	408	374	365	299	171	211	333	560	574	382
70%	312	251	398	354	357	294	159	199	323	524	448	329
80%	283	225	340	325	341	285	155	187	312	425	289	278
90%	203	167	233	293	333	275	144	167	152	133	119	232

Table 5A-B3.4.5.1-D. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports) (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	414	452	441	395	411	357	239	287	356	542	517	432
Wet Water Years	470	541	490	470	484	452	375	421	479	672	664	547
Above Normal Water Years	419	513	493	394	420	378	232	317	399	597	659	455
Below Normal Water Years	400	467	470	361	387	331	181	231	339	584	625	486
Dry Water Years	411	407	385	371	362	287	165	198	313	540	332	303
Critical Water Years	312	236	312	318	338	257	127	161	128	148	122	225

Table 5A-B3.4.5.1-E. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-9	0	-47	-14	-6	-30	-29	-7	0	0	2	-43
20%	-19	0	-22	-1	6	0	-8	40	0	0	0	-30
30%	-21	0	-17	-3	11	0	-1	20	0	-39	-26	-53
40%	-9	-36	-6	-5	-2	-6	-7	17	0	-67	-37	-60
50%	-28	-4	-14	-6	1	0	-2	0	1	-89	-29	-29
60%	-16	-93	-21	-4	1	0	0	1	1	-74	-39	-1
70%	-3	-54	-1	-9	1	0	2	0	-1	-80	18	-5
80%	27	-27	-14	-11	2	0	2	1	2	-62	25	-23
90%	3	-2	-17	-11	10	0	3	-2	12	-15	6	-1

Table 5A-B3.4.5.1-F. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Difference (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-4	-19	-17	-7	-2	-6	-6	8	1	-38	-9	-23
Wet Water Years	-8	-18	-11	-11	-18	-16	-22	14	1	-29	-12	-6
Above Normal Water Years	0	-20	-33	0	16	0	2	16	0	-67	-28	-8
Below Normal Water Years	-10	-31	-7	-5	3	0	0	6	1	-74	-19	-76
Dry Water Years	13	-13	-31	-8	8	0	1	-2	0	-14	14	-15
Critical Water Years	-8	-10	-12	-10	-2	-5	4	-2	3	-3	4	2

Table 5A-B3.4.5.2-A. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	665	671	664	519	545	486	450	501	598	724	721	621
20%	586	671	556	450	468	436	294	378	416	724	702	595
30%	517	671	501	415	438	404	274	301	370	678	675	526
40%	413	615	453	399	402	367	214	279	353	634	637	460
50%	373	540	432	384	386	314	189	236	341	596	611	436
60%	347	313	404	374	366	299	170	209	333	549	570	373
70%	318	253	398	354	357	294	159	199	325	497	452	325
80%	286	225	338	331	341	285	154	187	312	438	283	269
90%	204	167	231	296	332	275	144	170	154	151	117	229

Table 5A-B3.4.5.2-B. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports) (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	416	450	440	398	407	355	238	285	356	539	515	427
Wet Water Years	471	533	490	477	481	444	373	417	480	670	668	544
Above Normal Water Years	416	508	488	394	413	378	235	309	399	593	653	438
Below Normal Water Years	406	472	468	362	381	331	182	233	340	572	611	478
Dry Water Years	409	410	383	370	362	287	165	200	312	548	333	304
Critical Water Years	318	235	312	322	339	257	126	161	131	151	125	225

Table 5A-B3.4.5.2-C. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-14	0	-49	-6	-17	-38	-29	-7	0	0	-1	-43
20%	-8	0	-41	-1	0	-1	-9	21	0	0	-3	-26
30%	-19	0	-18	-3	10	0	10	20	0	-39	-29	-67
40%	-9	-35	-6	-5	-6	-6	-7	18	1	-67	-44	-74
50%	-21	8	-14	-4	1	0	0	0	3	-87	-28	-27
60%	-14	-126	-25	-4	2	0	-1	-1	1	-85	-43	-10
70%	3	-52	-1	-8	1	0	2	1	0	-107	21	-9
80%	30	-27	-16	-5	2	0	1	1	2	-49	19	-33
90%	4	-2	-19	-8	9	0	3	1	14	3	3	-4

Table 5A-B3.4.5.2-D. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Difference (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-2	-21	-18	-4	-5	-8	-6	6	2	-41	-11	-28
Wet Water Years	-7	-26	-11	-4	-21	-24	-23	10	1	-32	-7	-9
Above Normal Water Years	-4	-24	-38	0	9	0	5	8	0	-72	-35	-25
Below Normal Water Years	-4	-27	-9	-3	-3	0	1	8	1	-86	-32	-84
Dry Water Years	11	-10	-34	-9	9	0	1	0	-1	-7	15	-15
Critical Water Years	-2	-11	-13	-6	0	-5	3	-2	7	0	7	2

Table 5A-B3.4.5.3-A. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	646	671	661	520	542	491	450	501	598	724	719	621
20%	571	671	556	450	466	437	290	370	416	713	701	597
30%	507	671	501	416	429	404	274	301	370	678	666	525
40%	410	615	457	404	402	367	214	283	353	634	635	462
50%	369	539	433	387	386	314	188	248	342	595	609	427
60%	344	303	405	375	364	299	168	211	332	558	563	374
70%	309	252	398	359	357	294	159	199	325	499	451	323
80%	286	225	336	331	341	285	154	187	312	433	271	271
90%	197	165	214	296	332	275	138	170	151	151	119	229

Table 5A-B3.4.5.3-B. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports) (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	409	450	441	399	406	353	237	285	355	538	513	426
Wet Water Years	451	532	490	478	480	441	371	416	480	667	664	543
Above Normal Water Years	412	511	498	394	405	378	235	311	399	592	652	446
Below Normal Water Years	407	469	465	365	379	331	179	233	340	570	610	474
Dry Water Years	410	410	380	370	362	287	164	199	312	546	330	300
Critical Water Years	319	237	318	321	338	255	124	161	126	153	127	225

Table 5A-B3.4.5.3-C. SWP and CVP South Delta Exports Monthly Volumes b(thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-32	0	-52	-5	-19	-34	-29	-7	0	0	-4	-43
20%	-22	0	-41	-1	-2	0	-13	13	1	-11	-3	-24
30%	-30	0	-18	-2	2	0	10	20	0	-39	-39	-68
40%	-12	-36	-2	0	-7	-6	-7	21	1	-66	-47	-73
50%	-26	7	-13	-1	1	0	-1	12	4	-89	-30	-36
60%	-17	-136	-24	-2	1	0	-3	1	1	-76	-50	-9
70%	-6	-53	-1	-3	1	0	1	1	0	-105	20	-11
80%	29	-27	-18	-5	2	0	0	1	2	-54	7	-30
90%	-3	-3	-36	-8	9	0	-3	1	11	4	5	-4

Table 5A-B3.4.5.3-D. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Difference (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-9	-21	-17	-3	-7	-10	-8	6	1	-42	-13	-29
Wet Water Years	-27	-27	-12	-3	-22	-28	-26	9	1	-34	-11	-9
Above Normal Water Years	-8	-21	-27	0	1	-1	5	10	0	-72	-35	-18
Below Normal Water Years	-4	-30	-12	-1	-5	0	-1	8	2	-88	-33	-88
Dry Water Years	12	-10	-37	-9	9	0	0	-1	-1	-9	12	-19
Critical Water Years	-1	-10	-6	-7	-1	-7	1	-2	1	2	9	2

Table 5A-B3.4.5.4-A. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	650	671	659	520	541	486	450	501	598	724	721	621
20%	578	671	556	450	466	437	290	370	416	717	701	597
30%	504	671	501	415	432	405	274	307	370	671	683	527
40%	410	611	453	399	402	367	234	283	354	632	642	469
50%	368	518	432	384	382	315	186	250	341	587	611	436
60%	347	304	406	375	366	299	167	212	332	549	564	374
70%	318	248	398	359	358	294	159	200	324	498	450	322
80%	279	223	338	325	341	285	152	187	310	436	284	274
90%	202	161	236	293	332	274	137	170	146	141	117	229

Table 5A-B3.4.5.4-B. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	411	446	441	398	407	352	238	285	354	536	515	429
Wet Water Years	450	530	488	478	479	437	372	416	480	668	666	544
Above Normal Water Years	415	511	494	394	408	378	237	314	399	590	662	452
Below Normal Water Years	410	456	468	363	381	331	183	234	338	574	616	482
Dry Water Years	415	411	383	370	362	287	163	200	310	535	321	300
Critical Water Years	320	237	319	317	342	253	121	161	123	150	127	225

Table 5A-B3.4.5.4-C. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-28	0	-54	-5	-20	-38	-29	-7	1	0	-1	-43
20%	-16	0	-41	-1	-2	1	-13	13	1	-7	-3	-24
30%	-33	0	-18	-3	5	1	10	26	1	-45	-21	-66
40%	-12	-40	-6	-5	-7	-6	13	21	2	-69	-39	-65
50%	-26	-13	-14	-4	-3	1	-4	14	3	-97	-28	-28
60%	-14	-135	-23	-2	2	0	-3	1	0	-84	-49	-9
70%	3	-57	-1	-3	1	0	2	1	-1	-106	19	-12
80%	23	-28	-16	-10	2	0	-1	1	1	-51	20	-27
90%	2	-7	-14	-12	10	0	-4	2	6	-7	4	-4

Table 5A-B3.4.5.4-D. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Difference (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-7	-25	-17	-5	-5	-11	-7	6	0	-43	-11	-26
Wet Water Years	-28	-29	-14	-3	-23	-32	-25	9	1	-34	-10	-8
Above Normal Water Years	-5	-21	-32	0	4	0	7	13	1	-74	-25	-12
Below Normal Water Years	-1	-42	-9	-2	-2	0	3	10	0	-84	-27	-80
Dry Water Years	17	-8	-33	-9	9	0	-1	0	-3	-20	3	-19
Critical Water Years	0	-9	-5	-12	3	-8	-2	-2	-1	-1	9	2

Table 5A-B3.4.5.5-A. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	646	671	661	520	542	490	449	501	598	724	719	621
20%	561	671	556	450	466	437	290	370	416	713	701	597
30%	507	671	501	416	429	404	274	301	370	676	666	525
40%	410	615	457	404	402	367	214	283	353	634	635	461
50%	367	539	433	387	386	314	188	248	342	594	611	435
60%	344	303	405	375	364	299	168	211	332	558	563	373
70%	309	252	398	359	357	294	159	199	325	499	451	323
80%	286	225	336	331	341	285	154	187	312	433	271	272
90%	197	165	214	296	332	275	138	170	151	151	119	229

Table 5A-B3.4.5.5-B. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports) (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	408	450	441	399	405	353	237	285	355	537	513	426
Wet Water Years	451	532	489	477	480	440	371	416	480	667	664	543
Above Normal Water Years	412	511	499	394	405	378	235	311	399	590	652	450
Below Normal Water Years	405	469	465	365	379	331	179	233	340	570	611	474
Dry Water Years	410	410	380	370	362	287	164	199	312	546	331	300
Critical Water Years	315	235	319	321	334	255	124	161	126	153	127	225

Table 5A-B3.4.5.5-C. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-32	0	-52	-5	-19	-34	-29	-7	0	0	-4	-43
20%	-32	0	-41	-1	-2	0	-13	13	1	-11	-3	-24
30%	-30	0	-18	-2	2	0	10	20	0	-41	-39	-68
40%	-12	-36	-2	0	-7	-6	-7	21	1	-66	-47	-73
50%	-27	7	-13	-1	1	0	-1	12	4	-89	-28	-28
60%	-17	-136	-24	-2	1	0	-3	1	1	-76	-50	-9
70%	-6	-53	-1	-3	1	0	1	1	0	-105	20	-11
80%	29	-27	-18	-5	2	0	0	1	2	-54	7	-30
90%	-3	-4	-36	-8	9	0	-3	1	11	4	5	-4

Table 5A-B3.4.5.5-D. SWP and CVP South Delta Exports Monthly Volumes (SouthDelExports), Difference (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-9	-22	-17	-4	-7	-10	-8	6	1	-42	-12	-28
Wet Water Years	-26	-27	-13	-4	-22	-29	-26	9	1	-34	-11	-9
Above Normal Water Years	-8	-21	-27	0	1	-1	5	10	0	-74	-35	-14
Below Normal Water Years	-5	-29	-12	-1	-5	0	-2	8	2	-88	-32	-88
Dry Water Years	12	-10	-37	-9	9	0	0	-1	-1	-9	13	-19
Critical Water Years	-5	-11	-6	-7	-5	-7	1	-2	1	1	8	2

B.4.6 Banks Pumping Plant, Through Delta - Total

Figure 5A-B3.4.6.1-A. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Probability of Exceedance for Existing Conditions, October to March

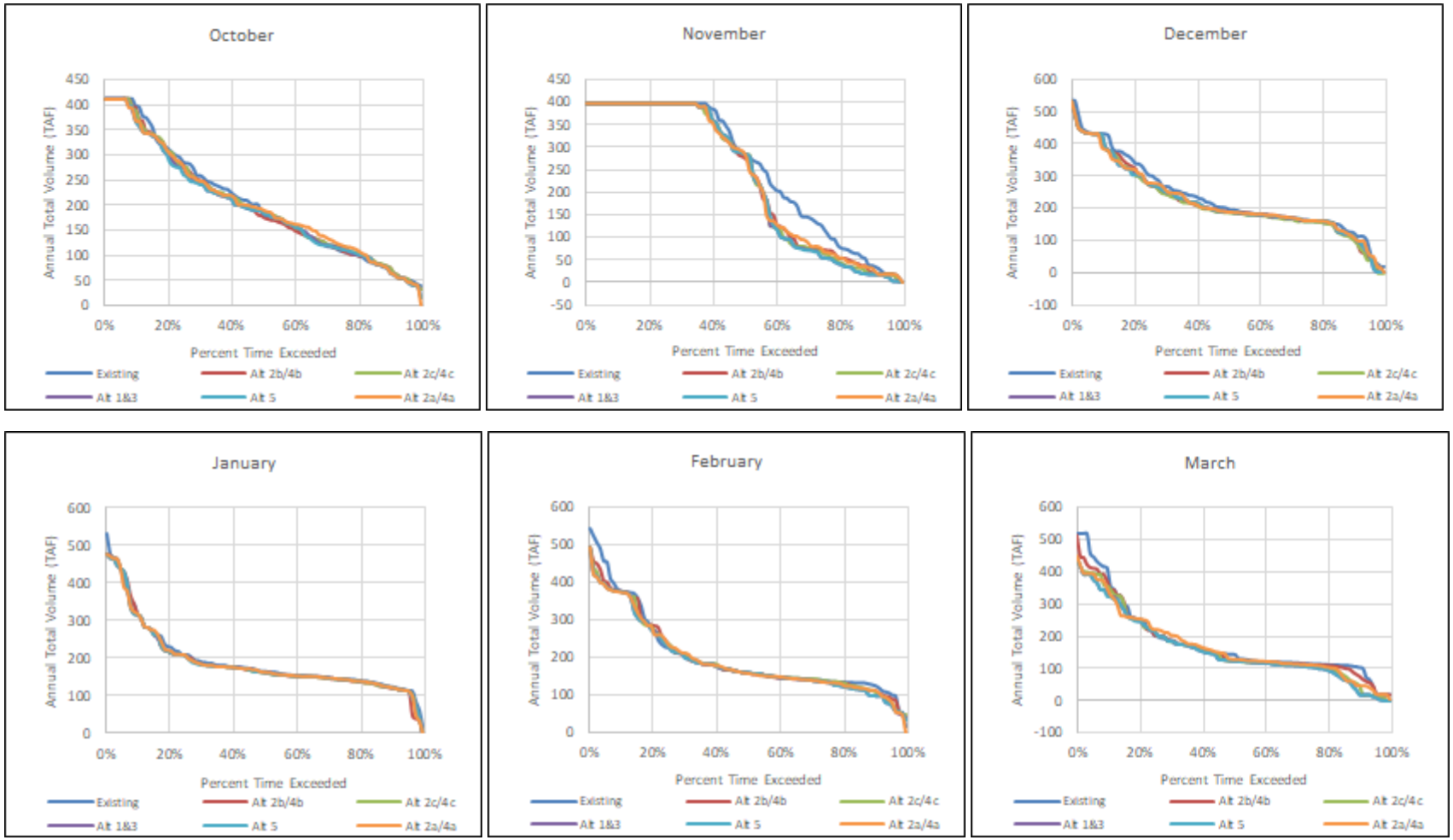


Figure 5A-B3.4.6.1-B. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Probability of Exceedance for Existing Conditions, April to September

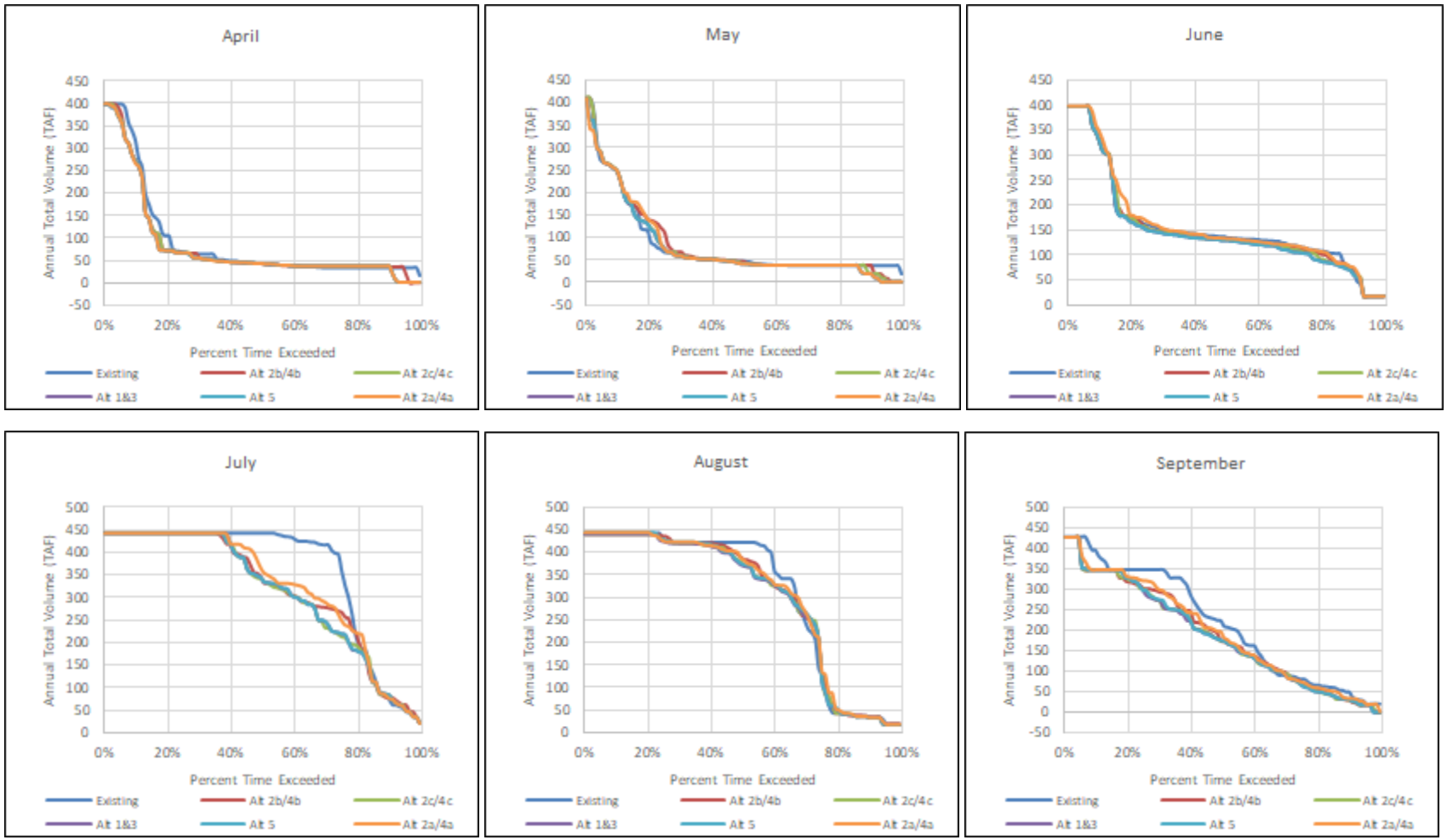


Table 5A-B3.4.6.1-A. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Exceedance Probabilities (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	396	397	430	315	378	394	305	241	324	441	441	390
20%	311	397	344	230	275	250	106	99	173	441	441	347
30%	258	397	267	190	210	188	66	59	151	441	421	347
40%	223	384	235	178	181	158	51	50	143	441	421	283
50%	181	281	198	165	159	144	44	46	136	441	421	215
60%	155	205	181	155	148	122	40	38	131	429	365	160
70%	117	146	168	149	143	118	36	37	120	415	244	88
80%	99	80	156	141	136	112	36	37	109	208	43	64
90%	66	39	124	125	127	104	36	37	74	75	35	47

Table 5A-B3.4.6.1-B. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD) (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	204	254	236	195	205	183	93	84	157	358	308	215
Wet Water Years	252	321	264	258	312	295	203	158	230	438	409	297
Above Normal Water Years	193	294	277	174	179	186	43	83	166	428	428	245
Below Normal Water Years	188	275	256	165	156	141	43	41	136	409	409	291
Dry Water Years	193	208	208	171	149	104	41	43	127	326	121	82
Critical Water Years	148	99	139	150	143	95	40	43	56	85	46	43

Table 5A-B3.4.6.1-C. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	386	397	403	316	375	364	268	241	324	441	441	347
20%	305	397	325	216	285	252	72	139	176	441	441	319
30%	249	397	245	184	209	187	56	67	146	441	422	294
40%	212	359	208	176	177	158	46	51	137	414	421	242
50%	176	276	188	163	159	126	42	45	132	338	388	174
60%	149	131	180	152	146	120	37	37	125	303	328	138
70%	121	75	170	147	141	114	36	37	118	277	258	98
80%	99	53	158	138	133	109	36	37	102	213	43	58
90%	75	22	106	121	113	78	36	37	66	76	35	31

Table 5A-B3.4.6.1-D. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD) (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	199	232	221	190	199	175	84	86	153	318	302	192
Wet Water Years	243	301	252	258	293	276	175	163	223	404	400	292
Above Normal Water Years	198	272	248	175	190	186	39	89	166	351	408	244
Below Normal Water Years	177	239	245	162	154	139	43	40	130	337	393	215
Dry Water Years	203	191	184	151	146	104	41	41	129	312	137	66
Critical Water Years	139	86	136	144	134	85	40	42	58	79	50	40

Table 5A-B3.4.6.1-E. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-9	0	-27	1	-3	-30	-37	0	0	0	0	-43
20%	-6	0	-19	-14	10	2	-33	39	3	0	0	-28
30%	-9	0	-21	-6	-1	-1	-10	8	-5	0	0	-53
40%	-11	-25	-28	-2	-3	0	-4	0	-6	-28	0	-40
50%	-5	-5	-10	-3	0	-18	-2	-1	-4	-103	-34	-40
60%	-7	-75	-1	-2	-2	-2	-3	-1	-6	-126	-37	-22
70%	4	-70	2	-3	-1	-4	0	0	-2	-139	14	10
80%	0	-27	2	-2	-3	-2	0	0	-6	5	0	-6
90%	9	-17	-19	-4	-14	-26	0	0	-7	1	0	-16

Table 5A-B3.4.6.1-F. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-4	-22	-14	-5	-6	-8	-9	1	-3	-41	-6	-23
Wet Water Years	-8	-20	-12	-1	-18	-19	-28	5	-8	-34	-9	-5
Above Normal Water Years	5	-22	-29	1	12	0	-3	6	0	-77	-20	-1
Below Normal Water Years	-11	-35	-11	-3	-2	-2	0	-2	-6	-72	-16	-77
Dry Water Years	10	-16	-23	-19	-3	0	0	-2	2	-14	15	-17
Critical Water Years	-10	-13	-2	-6	-9	-10	0	-1	1	-6	4	-3

Table 5A-B3.4.6.2-A. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	382	397	417	316	373	355	267	241	324	441	441	347
20%	307	397	310	216	274	250	71	124	174	441	441	325
30%	245	397	245	185	210	185	54	58	146	441	421	272
40%	217	359	211	176	181	158	45	50	135	417	416	223
50%	186	286	188	163	159	124	42	41	132	338	377	174
60%	155	119	179	153	147	119	36	37	124	301	327	137
70%	123	76	167	148	142	113	36	37	114	232	262	95
80%	103	45	157	138	132	99	36	37	92	191	45	52
90%	75	20	105	123	109	49	36	20	65	82	35	31

Table 5A-B3.4.6.2-B. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD) (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	202	230	220	191	195	166	81	82	152	311	300	187
Wet Water Years	245	293	252	257	289	266	169	156	220	400	400	287
Above Normal Water Years	194	269	244	175	178	185	33	77	165	333	407	228
Below Normal Water Years	183	240	246	163	155	125	43	38	130	321	381	206
Dry Water Years	202	192	183	155	142	96	42	41	128	320	138	68
Critical Water Years	144	88	131	146	135	81	40	42	59	78	51	41

Table 5A-B3.4.6.2-C. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-14	0	-13	1	-4	-39	-37	0	0	0	0	-43
20%	-4	0	-34	-14	-1	0	-35	25	1	0	0	-22
30%	-13	0	-21	-6	0	-3	-12	-1	-5	0	0	-75
40%	-6	-25	-24	-2	1	0	-5	0	-8	-25	-5	-60
50%	5	5	-10	-3	0	-20	-3	-6	-4	-104	-44	-41
60%	-1	-86	-2	-2	-1	-3	-4	-1	-7	-128	-38	-24
70%	6	-69	-2	-1	-1	-5	0	0	-6	-184	17	7
80%	5	-35	1	-2	-4	-12	0	0	-16	-17	2	-12
90%	9	-18	-19	-3	-18	-55	0	-17	-9	7	0	-16

Table 5A-B3.4.6.2-D. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-2	-25	-16	-4	-10	-16	-12	-3	-4	-47	-8	-28
Wet Water Years	-7	-28	-12	-2	-23	-29	-34	-2	-10	-38	-9	-10
Above Normal Water Years	1	-25	-34	1	0	-1	-9	-6	-1	-95	-22	-17
Below Normal Water Years	-5	-35	-11	-2	-1	-15	0	-3	-6	-88	-27	-85
Dry Water Years	9	-16	-25	-15	-6	-8	0	-2	1	-6	16	-15
Critical Water Years	-4	-12	-7	-5	-8	-14	0	-1	2	-6	5	-3

Table 5A-B3.4.6.3-A. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	364	397	417	315	373	337	266	241	324	441	441	347
20%	297	397	312	217	270	248	70	122	166	441	441	328
30%	243	397	250	184	199	187	54	58	143	441	421	273
40%	211	359	217	177	175	154	45	50	135	415	415	219
50%	184	286	187	163	159	125	41	40	129	338	372	175
60%	156	120	178	154	146	118	36	37	121	300	329	132
70%	119	72	167	149	139	110	36	37	109	245	258	91
80%	100	41	159	139	122	96	36	37	88	180	52	49
90%	67	18	114	123	97	24	36	18	64	82	35	31

Table 5A-B3.4.6.3-B. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD) (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	197	229	221	191	192	161	81	80	149	312	299	185
Wet Water Years	232	293	253	257	285	258	167	151	220	400	398	287
Above Normal Water Years	190	267	249	175	174	173	33	74	152	335	406	231
Below Normal Water Years	183	237	245	166	150	116	43	38	129	320	382	203
Dry Water Years	202	191	188	155	139	97	41	43	128	320	136	64
Critical Water Years	146	89	130	145	133	87	40	42	53	80	52	41

Table 5A-B3.4.6.3-C. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-32	0	-13	0	-4	-57	-39	0	0	0	0	-43
20%	-14	0	-31	-13	-5	-2	-35	23	-7	0	0	-19
30%	-15	0	-17	-6	-11	-1	-12	-1	-8	0	0	-74
40%	-12	-25	-19	-1	-6	-3	-5	0	-8	-27	-6	-63
50%	3	5	-11	-2	0	-19	-3	-6	-7	-103	-49	-40
60%	0	-86	-3	-1	-2	-3	-4	-1	-10	-129	-37	-29
70%	2	-73	-1	0	-4	-8	0	0	-11	-170	14	3
80%	1	-39	3	-2	-14	-16	0	0	-21	-28	9	-14
90%	0	-21	-11	-2	-29	-80	0	-18	-10	8	0	-16

Table 5A-B3.4.6.3-D. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-7	-26	-14	-4	-13	-21	-13	-4	-7	-46	-9	-29
Wet Water Years	-20	-28	-11	-2	-27	-36	-37	-7	-11	-38	-11	-11
Above Normal Water Years	-3	-28	-28	0	-4	-14	-9	-9	-15	-93	-22	-14
Below Normal Water Years	-5	-38	-11	1	-5	-24	0	-3	-7	-88	-27	-89
Dry Water Years	9	-17	-20	-16	-9	-7	0	0	1	-6	15	-18
Critical Water Years	-2	-11	-9	-5	-9	-8	1	-1	-4	-4	5	-3

Table 5A-B3.4.6.4-A. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	367	397	387	316	374	341	263	242	343	441	441	347
20%	305	397	320	221	271	253	70	137	180	441	441	331
30%	247	397	258	184	213	203	54	58	153	441	421	298
40%	217	352	211	177	179	165	45	50	142	418	413	243
50%	190	284	188	163	159	128	41	40	133	359	384	188
60%	161	130	180	153	150	122	36	37	127	328	329	138
70%	134	89	170	148	141	113	36	37	120	288	267	89
80%	108	55	159	139	129	103	36	37	107	220	53	58
90%	67	32	111	123	114	46	36	18	76	76	35	33

Table 5A-B3.4.6.4-B. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD) (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	202	233	224	191	196	169	80	82	159	325	302	196
Wet Water Years	235	296	251	255	288	264	167	155	234	406	398	286
Above Normal Water Years	199	278	249	177	186	185	36	79	173	343	406	230
Below Normal Water Years	190	236	248	166	152	131	42	38	138	363	394	238
Dry Water Years	204	198	197	156	141	95	41	43	132	320	138	78
Critical Water Years	150	94	136	144	140	94	39	42	50	78	52	41

Table 5A-B3.4.6.4-C. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-28	0	-43	1	-4	-53	-42	1	19	0	0	-43
20%	-6	0	-24	-10	-5	3	-35	38	7	0	0	-17
30%	-11	0	-9	-6	3	15	-12	-1	2	0	0	-49
40%	-6	-32	-24	-1	-1	7	-6	0	-1	-23	-8	-40
50%	9	3	-10	-2	0	-16	-3	-6	-3	-83	-38	-27
60%	5	-75	0	-2	2	0	-4	-1	-4	-101	-36	-22
70%	17	-57	2	-1	-2	-5	0	0	0	-128	23	2
80%	9	-25	3	-1	-7	-9	0	0	-1	12	10	-6
90%	0	-6	-13	-2	-13	-57	0	-18	3	2	0	-14

Table 5A-B3.4.6.4-D. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-2	-21	-12	-4	-9	-14	-13	-2	2	-34	-6	-19
Wet Water Years	-17	-24	-13	-4	-23	-30	-37	-3	3	-32	-11	-11
Above Normal Water Years	6	-16	-28	2	8	-1	-6	-5	7	-85	-22	-15
Below Normal Water Years	2	-39	-9	1	-4	-10	-1	-3	2	-46	-15	-54
Dry Water Years	11	-9	-11	-14	-8	-9	0	0	5	-5	16	-5
Critical Water Years	2	-5	-3	-6	-3	-1	0	-1	-7	-7	5	-2

Table 5A-B3.4.6.5-A. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	364	397	417	315	373	325	266	241	324	441	441	347
20%	292	397	303	217	266	247	70	122	166	441	441	328
30%	240	397	250	183	198	187	54	58	143	441	421	274
40%	211	359	217	176	175	154	45	50	135	415	415	220
50%	183	286	187	163	159	125	41	40	129	338	372	175
60%	156	120	179	153	146	118	36	37	121	300	329	132
70%	118	72	168	148	139	110	36	37	109	245	267	91
80%	101	41	159	139	122	96	36	37	88	181	55	49
90%	67	18	114	123	97	24	36	18	64	82	35	31

Table 5A-B3.4.6.5-B. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD) (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	196	229	221	190	192	161	80	80	149	312	299	186
Wet Water Years	232	293	252	256	285	257	166	151	220	400	397	287
Above Normal Water Years	190	267	250	175	174	173	33	74	152	333	406	237
Below Normal Water Years	182	238	245	166	150	116	43	38	129	320	382	203
Dry Water Years	202	191	188	156	139	97	41	43	128	320	138	64
Critical Water Years	142	88	131	141	134	87	40	42	53	80	52	41

Table 5A-B3.4.6.5-C. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-32	0	-13	0	-4	-69	-39	0	0	0	0	-43
20%	-19	0	-41	-14	-9	-3	-35	23	-7	0	0	-19
30%	-18	0	-16	-8	-11	-1	-12	-1	-8	0	0	-73
40%	-12	-25	-19	-2	-6	-3	-5	0	-8	-27	-6	-63
50%	3	5	-11	-3	0	-19	-3	-6	-7	-103	-49	-40
60%	0	-86	-2	-2	-2	-3	-4	-1	-10	-129	-37	-29
70%	1	-74	-1	-1	-4	-8	0	0	-11	-170	23	3
80%	2	-39	3	-2	-14	-16	0	0	-21	-27	11	-14
90%	0	-21	-11	-2	-29	-80	0	-18	-10	8	0	-16

Table 5A-B3.4.6.5-D. Banks Pumping Plant, Through Delta - Total Monthly Volumes (C_CAA003_TD), Difference (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-7	-26	-14	-4	-13	-22	-13	-4	-7	-47	-9	-29
Wet Water Years	-19	-28	-12	-3	-27	-37	-37	-7	-11	-38	-11	-11
Above Normal Water Years	-3	-28	-28	1	-4	-14	-9	-9	-15	-95	-22	-8
Below Normal Water Years	-7	-37	-11	1	-5	-24	0	-3	-7	-88	-27	-89
Dry Water Years	9	-17	-20	-15	-9	-7	0	0	1	-6	16	-18
Critical Water Years	-6	-11	-8	-10	-9	-8	1	-1	-4	-4	5	-3

B.4.7 Banks Pumping Plant, Through Delta – CVP Water

Figure 5A-B3.4.7.1-A. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Probability of Exceedance for Existing Conditions, October to March

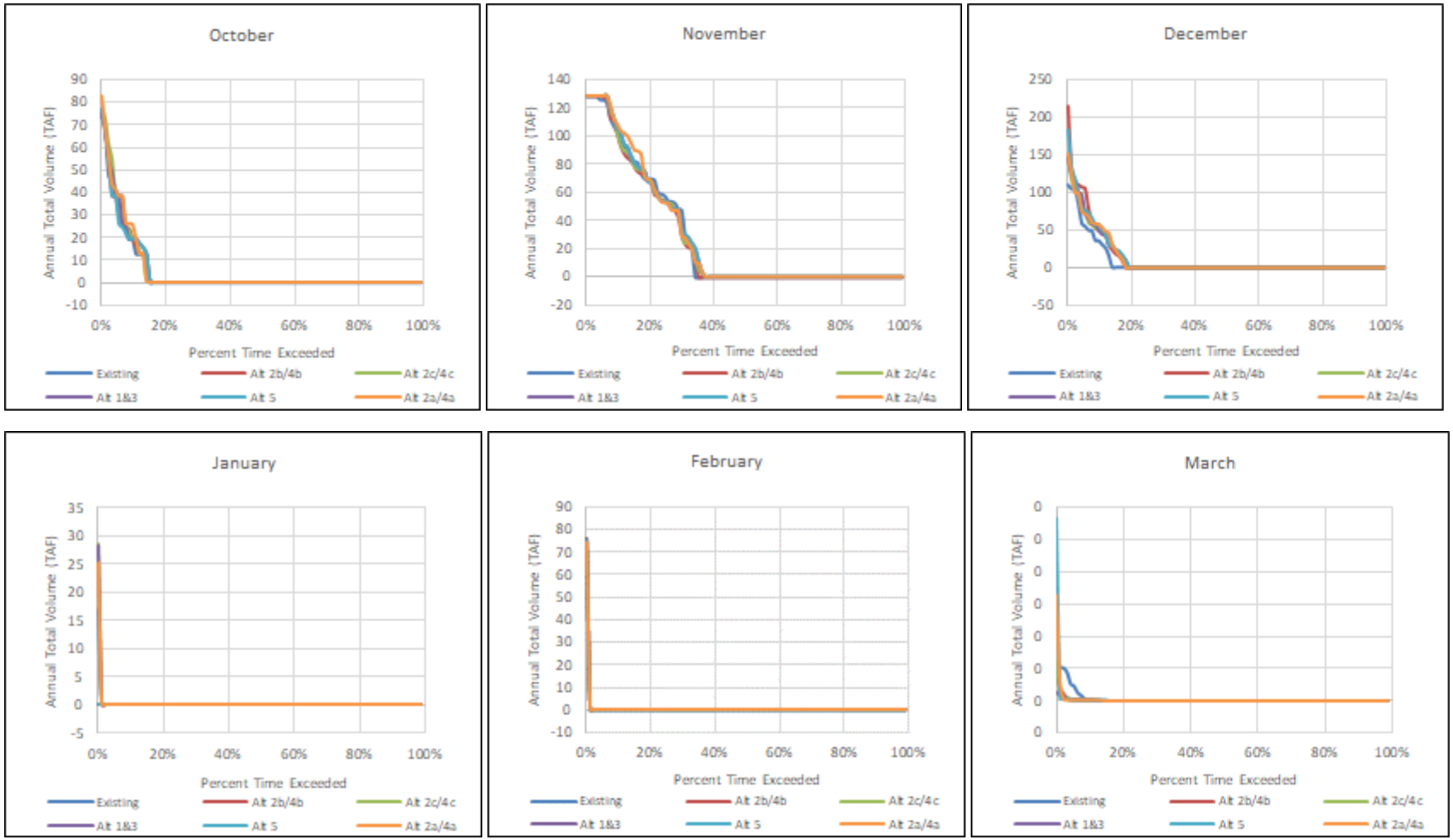


Figure 5A-B3.4.7.1-B. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Probability of Exceedance for Existing Conditions, April to September

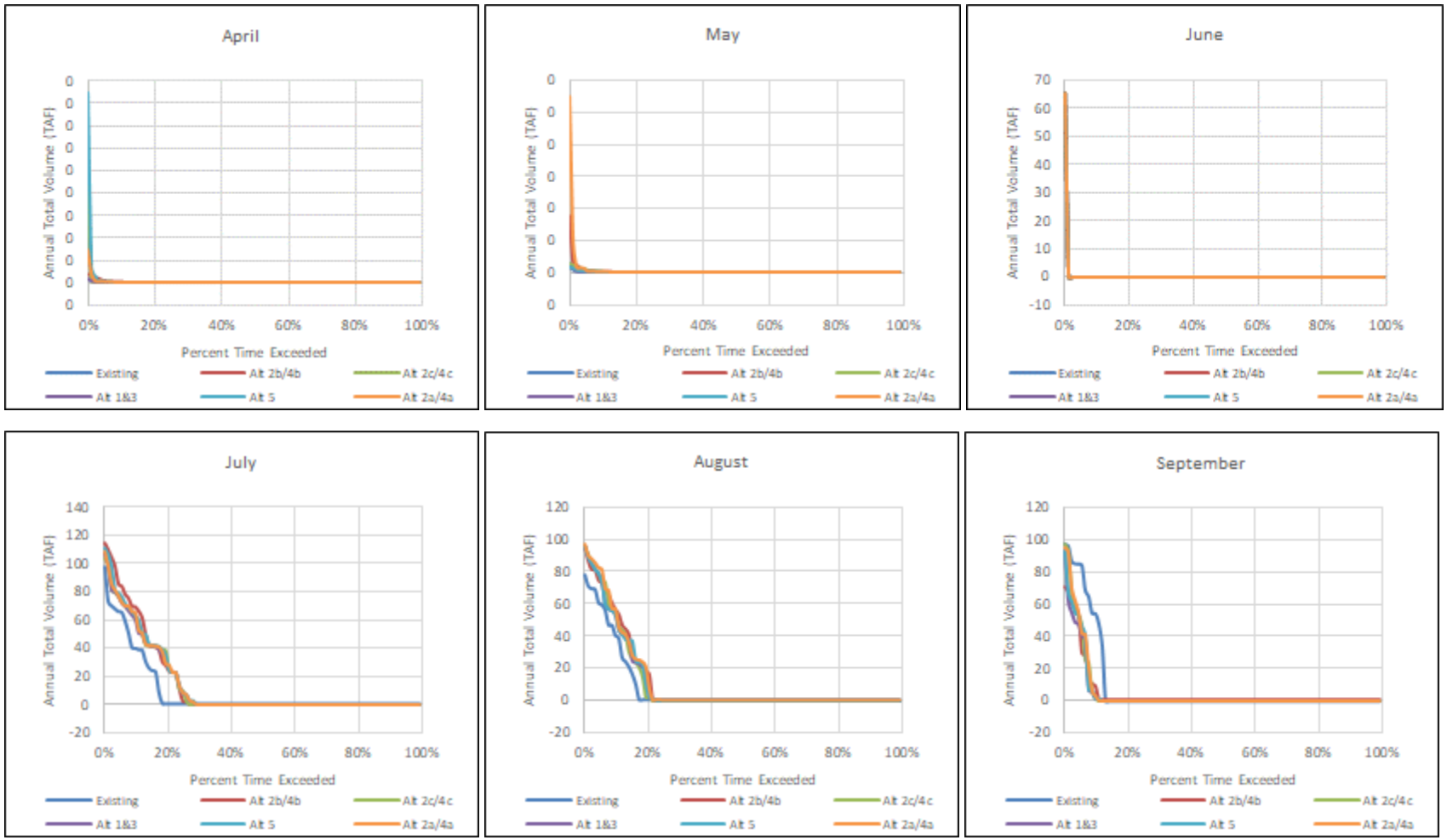


Table 5A-B3.4.7.1-A. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Exceedance Probabilities (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	17	101	34	0	0	0	0	0	0	39	40	52
20%	0	69	0	0	0	0	0	0	0	0	0	0
30%	0	47	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-B3.4.7.1-B. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD) (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	28	8	0	1	0	0	0	1	9	8	9
Wet Water Years	1	20	4	1	3	0	0	0	2	5	0	0
Above Normal Water Years	5	39	18	0	0	0	0	0	0	0	0	0
Below Normal Water Years	1	36	10	0	0	0	0	0	0	3	18	39
Dry Water Years	12	40	7	0	0	0	0	0	0	33	21	0
Critical Water Years	13	6	7	0	0	0	0	0	0	6	0	0

Table 5A-B3.4.7.1-C. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	18	99	49	0	0	0	0	0	0	68	55	6
20%	0	67	0	0	0	0	0	0	0	25	17	0
30%	0	31	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-B3.4.7.1-D. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD) (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	27	13	0	1	0	0	0	1	15	11	4
Wet Water Years	1	19	18	0	3	0	0	0	2	12	0	0
Above Normal Water Years	5	41	17	0	0	0	0	0	0	18	0	0
Below Normal Water Years	1	34	8	0	0	0	0	0	0	4	37	18
Dry Water Years	10	40	10	0	0	0	0	0	0	39	16	1
Critical Water Years	14	5	8	0	0	0	0	0	0	6	0	0

Table 5A-B3.4.7.1-E. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	-2	15	0	0	0	0	0	0	29	16	-46
20%	0	-2	0	0	0	0	0	0	0	25	17	0
30%	0	-17	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-B3.4.7.1-F. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	-1	5	0	0	0	0	0	0	6	3	-5
Wet Water Years	1	-1	14	-1	0	0	0	0	0	8	0	0
Above Normal Water Years	-1	1	0	0	0	0	0	0	0	18	0	0
Below Normal Water Years	0	-2	-1	0	0	0	0	0	0	1	19	-21
Dry Water Years	-2	0	3	0	0	0	0	0	0	6	-6	1
Critical Water Years	1	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.4.7.2-A. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	19	100	49	0	0	0	0	0	0	59	53	1
20%	0	68	0	0	0	0	0	0	0	30	2	0
30%	0	31	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-B3.4.7.2-B. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD) (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	27	11	0	1	0	0	0	1	13	11	5
Wet Water Years	1	19	15	1	3	0	0	0	2	9	0	0
Above Normal Water Years	2	42	13	0	0	0	0	0	0	18	0	0
Below Normal Water Years	1	35	10	0	0	0	0	0	0	4	35	19
Dry Water Years	10	40	10	0	0	0	0	0	0	38	15	3
Critical Water Years	17	6	5	0	0	0	0	0	0	7	0	0

Table 5A-B3.4.7.2-C. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2	-2	15	0	0	0	0	0	0	20	14	-51
20%	0	-2	0	0	0	0	0	0	0	30	2	0
30%	0	-16	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-B3.4.7.2-D. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	3	0	0	0	0	0	0	5	3	-4
Wet Water Years	1	-1	12	0	0	0	0	0	0	4	0	0
Above Normal Water Years	-3	2	-4	0	0	0	0	0	0	18	0	0
Below Normal Water Years	0	-2	0	0	0	0	0	0	0	1	17	-20
Dry Water Years	-2	0	3	0	0	0	0	0	0	5	-7	3
Critical Water Years	5	0	-2	0	0	0	0	0	0	1	0	0

Table 5A-B3.4.7.3-A. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	19	104	48	0	0	0	0	0	0	57	51	1
20%	0	67	0	0	0	0	0	0	0	27	9	0
30%	0	34	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-B3.4.7.3-B. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD) (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	28	12	0	1	0	0	0	1	13	11	4
Wet Water Years	1	19	16	1	3	0	0	0	2	9	0	0
Above Normal Water Years	2	45	18	0	0	0	0	0	0	17	0	0
Below Normal Water Years	1	35	10	0	0	0	0	0	0	3	34	18
Dry Water Years	11	41	9	0	0	0	0	0	0	38	16	0
Critical Water Years	17	6	5	0	0	0	0	0	0	7	0	0

Table 5A-B3.4.7.3-C. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2	3	14	0	0	0	0	0	0	18	11	-51
20%	0	-2	0	0	0	0	0	0	0	27	9	0
30%	0	-13	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-B3.4.7.3-D. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	4	0	0	0	0	0	0	5	3	-5
Wet Water Years	1	-1	12	0	0	0	0	0	0	4	0	0
Above Normal Water Years	-3	5	0	0	0	0	0	0	0	17	0	0
Below Normal Water Years	0	-1	0	0	0	0	0	0	0	0	16	-21
Dry Water Years	-1	0	2	0	0	0	0	0	0	5	-5	0
Critical Water Years	4	1	-3	0	0	0	0	0	0	1	0	0

Table 5A-B3.4.7.4-A. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	24	107	56	0	0	0	0	0	0	61	53	2
20%	0	68	0	0	0	0	0	0	0	28	13	0
30%	0	31	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-B3.4.7.4-B. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD) (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	28	12	0	1	0	0	0	1	14	11	5
Wet Water Years	2	20	14	1	2	0	0	0	2	9	0	0
Above Normal Water Years	2	44	16	0	0	0	0	0	0	17	0	0
Below Normal Water Years	1	35	10	0	0	0	0	0	0	4	36	21
Dry Water Years	10	41	11	0	0	0	0	0	0	39	17	1
Critical Water Years	16	7	5	0	0	0	0	0	0	7	0	0

Table 5A-B3.4.7.4-C. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	6	5	22	0	0	0	0	0	0	22	13	-50
20%	0	-1	0	0	0	0	0	0	0	28	13	0
30%	0	-17	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-B3.4.7.4-D. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	1	4	0	0	0	0	0	0	5	4	-4
Wet Water Years	1	0	10	0	0	0	0	0	0	4	0	0
Above Normal Water Years	-3	5	-2	0	0	0	0	0	0	17	0	0
Below Normal Water Years	0	-1	1	0	0	0	0	0	0	1	18	-18
Dry Water Years	-1	1	4	0	0	0	0	0	0	6	-4	1
Critical Water Years	4	1	-3	0	0	0	0	0	0	1	0	0

Table 5A-B3.4.7.5-A. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	19	104	55	0	0	0	0	0	0	62	51	1
20%	0	67	0	0	0	0	0	0	0	29	6	0
30%	0	34	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-B3.4.7.5-B. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD) (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	28	12	0	1	0	0	0	1	14	11	5
Wet Water Years	2	19	16	0	3	0	0	0	2	9	0	0
Above Normal Water Years	2	45	18	0	0	0	0	0	0	24	0	0
Below Normal Water Years	1	35	11	0	0	0	0	0	0	3	35	19
Dry Water Years	11	41	9	0	0	0	0	0	0	38	16	1
Critical Water Years	13	6	5	0	0	0	0	0	0	7	0	0

Table 5A-B3.4.7.5-C. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2	3	21	0	0	0	0	0	0	23	11	-51
20%	0	-2	0	0	0	0	0	0	0	29	6	0
30%	0	-13	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-B3.4.7.5-D. Banks Pumping Plant, Through Delta - CVP water Monthly Volumes (C_CAA003_CVP_TD), Difference (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	4	0	0	0	0	0	0	5	3	-5
Wet Water Years	1	-1	13	-1	0	0	0	0	0	4	0	0
Above Normal Water Years	-3	5	0	0	0	0	0	0	0	24	0	0
Below Normal Water Years	0	-1	1	0	0	0	0	0	0	0	17	-20
Dry Water Years	-1	0	2	0	0	0	0	0	0	5	-5	1
Critical Water Years	0	1	-3	0	0	0	0	0	0	1	0	0

B.4.8 Banks Pumping Plant, Through Delta – SWP Water

Figure 5A-B3.4.8.1-A. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Probability of Exceedance for Existing Conditions, October to March

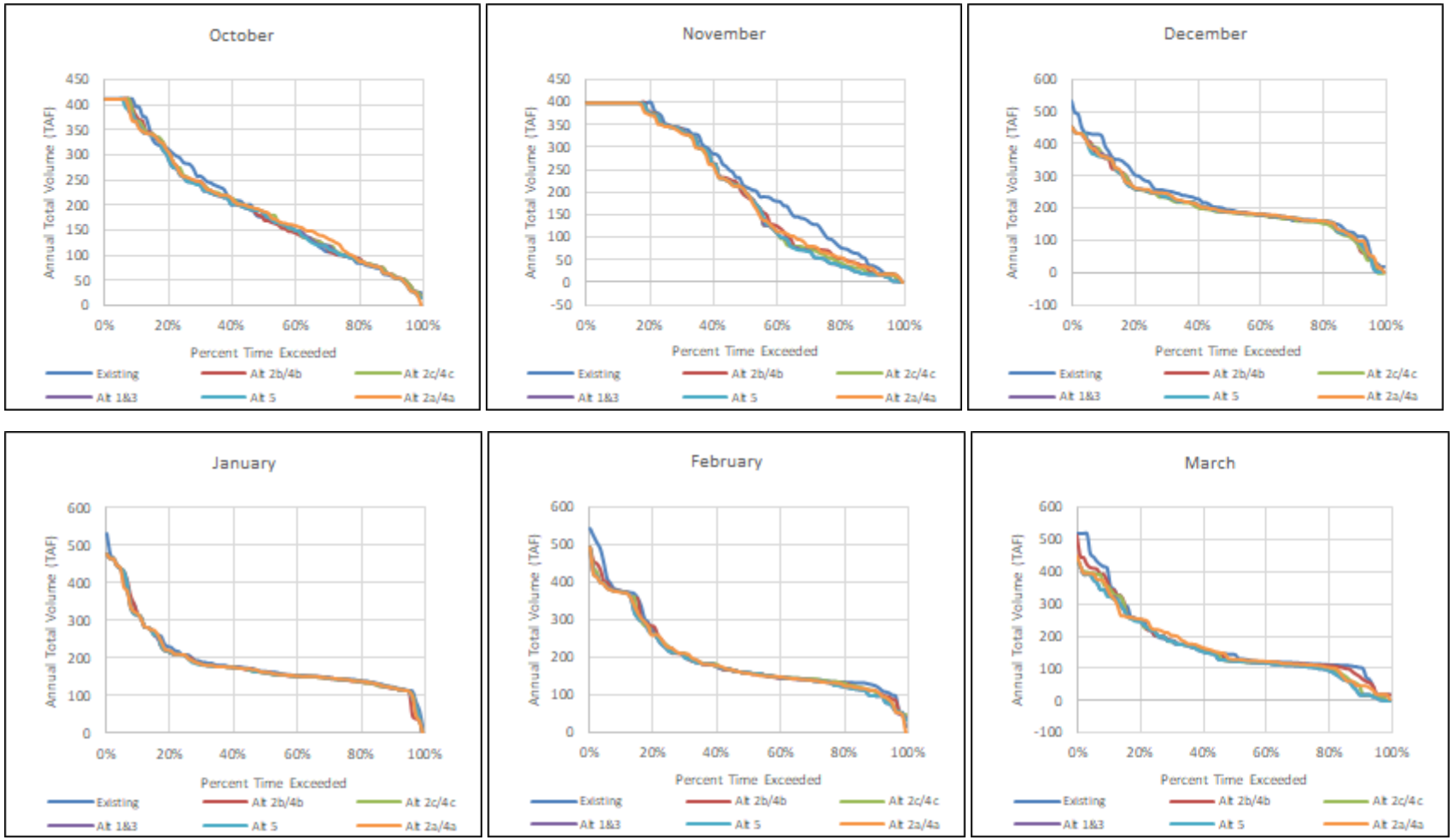


Figure 5A-B3.4.8.1-B. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Probability of Exceedance for Existing Conditions, April to September

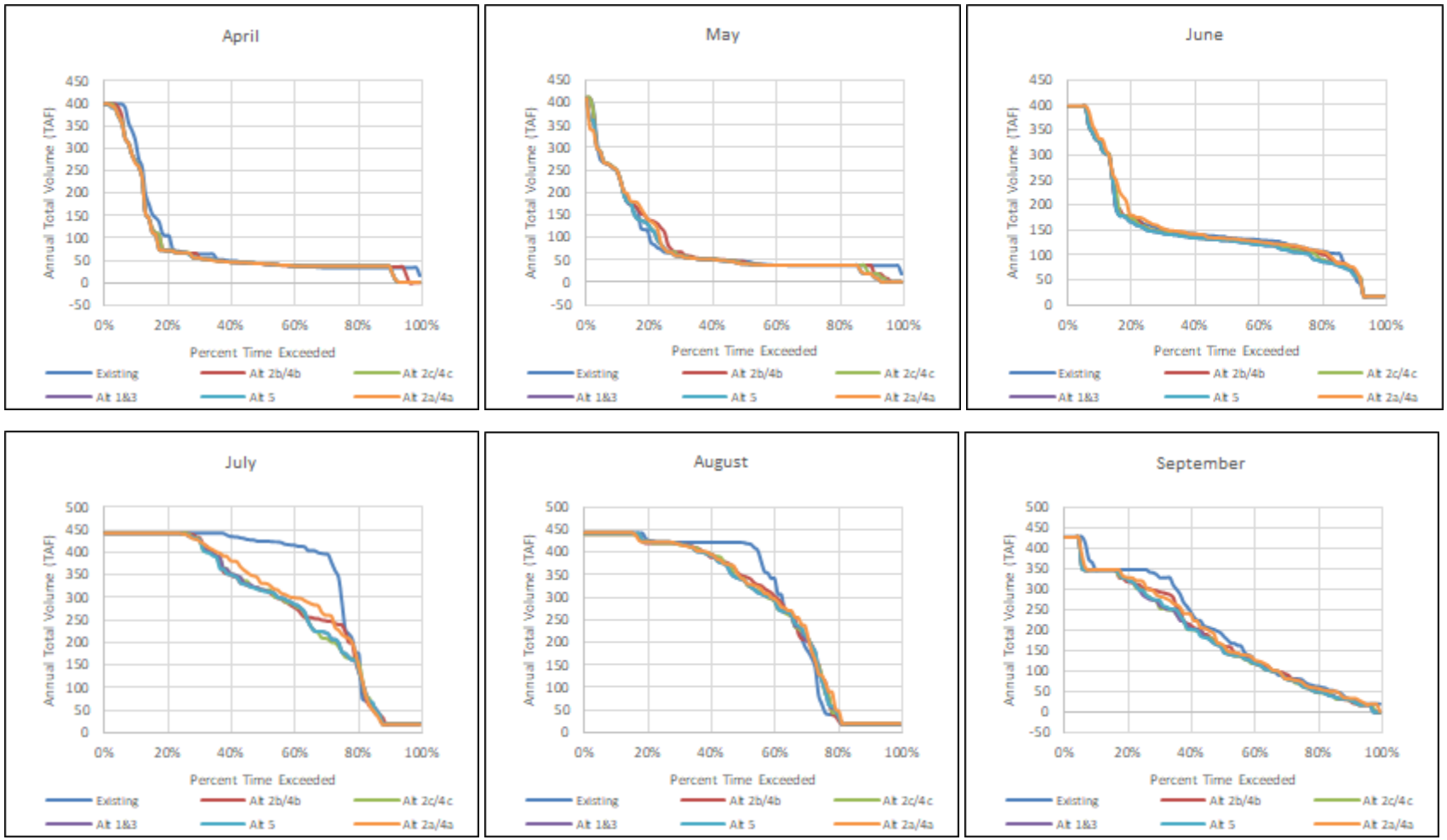


Table 5A-B3.4.8.1-A. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Exceedance Probabilities (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	396	397	415	315	378	394	305	241	324	441	441	347
20%	311	397	307	230	275	250	106	99	173	441	427	347
30%	258	340	255	190	210	188	66	59	151	441	421	328
40%	213	285	230	178	181	158	51	50	143	434	421	243
50%	177	213	195	165	159	144	44	46	136	424	421	187
60%	148	180	180	155	148	122	40	38	131	415	341	125
70%	108	137	166	149	143	118	36	37	120	395	189	86
80%	85	80	156	141	136	112	36	37	109	176	35	61
90%	61	39	124	125	127	104	36	37	74	18	18	31

Table 5A-B3.4.8.1-B. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD) (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	199	227	228	195	204	183	93	84	156	338	292	201
Wet Water Years	251	301	260	258	309	295	203	158	228	433	407	295
Above Normal Water Years	188	255	260	174	179	186	43	83	166	424	428	236
Below Normal Water Years	188	239	247	165	156	141	43	41	136	397	386	243
Dry Water Years	181	167	201	171	149	104	41	43	127	268	71	82
Critical Water Years	136	94	131	150	143	95	40	43	56	51	34	42

Table 5A-B3.4.8.1-C. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	376	397	357	316	375	364	268	241	324	441	441	347
20%	305	377	262	216	282	252	72	139	176	441	421	319
30%	247	339	235	184	209	187	56	67	146	431	421	294
40%	212	262	205	176	177	158	46	51	137	349	391	213
50%	174	192	187	163	159	126	42	45	132	315	349	164
60%	145	124	180	152	146	120	37	37	125	278	305	121
70%	117	74	167	147	141	114	36	37	118	248	206	94
80%	94	52	158	138	133	109	36	37	102	149	33	55
90%	63	22	106	121	113	78	36	37	66	18	18	31

Table 5A-B3.4.8.1-D. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD) (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	195	205	208	190	198	175	84	86	153	289	283	187
Wet Water Years	242	282	234	258	291	276	175	163	221	389	400	292
Above Normal Water Years	193	231	231	175	190	186	39	89	166	326	407	243
Below Normal Water Years	176	206	237	162	154	139	43	40	130	321	349	194
Dry Water Years	193	151	174	151	146	104	41	41	129	246	95	65
Critical Water Years	125	81	129	144	134	85	40	42	58	45	37	40

Table 5A-B3.4.8.1-E. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-19	0	-58	1	-3	-30	-37	0	0	0	0	0
20%	-6	-21	-45	-14	7	2	-33	39	3	0	-5	-28
30%	-11	-1	-20	-6	-1	-1	-10	8	-5	-10	0	-34
40%	-1	-23	-25	-2	-3	0	-4	0	-6	-86	-31	-29
50%	-3	-21	-8	-3	0	-18	-2	-1	-4	-109	-72	-23
60%	-3	-56	0	-2	-2	-2	-3	-1	-6	-138	-36	-4
70%	9	-63	1	-3	-1	-4	0	0	-2	-147	17	8
80%	9	-28	2	-2	-3	-2	0	0	-6	-27	-3	-6
90%	2	-17	-19	-4	-14	-26	0	0	-7	0	0	0

Table 5A-B3.4.8.1-F. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-4	-22	-19	-5	-6	-8	-9	1	-3	-49	-9	-15
Wet Water Years	-8	-19	-26	0	-18	-19	-28	5	-8	-44	-7	-2
Above Normal Water Years	6	-24	-29	1	12	0	-3	6	0	-98	-21	7
Below Normal Water Years	-11	-33	-10	-3	-2	-2	0	-2	-6	-76	-36	-49
Dry Water Years	12	-16	-27	-19	-3	0	0	-2	2	-21	24	-17
Critical Water Years	-11	-13	-3	-6	-9	-10	0	-1	1	-7	4	-1

Table 5A-B3.4.8.2-A. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	368	397	366	316	373	355	267	241	324	441	441	347
20%	304	375	262	216	266	250	71	124	174	441	425	323
30%	243	338	233	185	210	185	54	58	146	427	418	256
40%	213	262	204	176	181	158	45	50	135	351	398	202
50%	186	203	188	163	159	124	42	41	132	316	342	162
60%	149	112	179	153	147	119	36	37	124	282	293	119
70%	119	74	167	148	142	113	36	37	114	209	216	82
80%	91	45	155	138	132	99	36	37	92	157	40	49
90%	63	20	105	123	109	49	36	20	65	18	18	31

Table 5A-B3.4.8.2-B. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD) (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	196	203	208	190	195	166	81	82	152	285	281	181
Wet Water Years	243	274	237	256	286	266	169	156	218	388	400	287
Above Normal Water Years	192	227	230	175	178	185	33	77	165	311	404	225
Below Normal Water Years	182	206	236	163	155	125	43	38	130	305	338	185
Dry Water Years	192	152	173	155	142	96	42	41	128	254	99	65
Critical Water Years	127	82	126	146	135	81	40	42	59	44	38	40

Table 5A-B3.4.8.2-C. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-27	0	-49	1	-4	-39	-37	0	0	0	0	0
20%	-6	-22	-45	-14	-10	0	-35	25	1	0	-1	-24
30%	-15	-2	-21	-6	0	-3	-12	-1	-5	-14	-4	-72
40%	0	-23	-25	-2	1	0	-5	0	-8	-83	-24	-40
50%	9	-10	-7	-3	0	-20	-3	-6	-4	-108	-79	-25
60%	1	-69	-1	-2	-1	-3	-4	-1	-7	-133	-49	-6
70%	11	-62	1	-1	-1	-5	0	0	-6	-187	26	-4
80%	6	-35	-2	-2	-4	-12	0	0	-16	-18	4	-12
90%	2	-18	-19	-3	-18	-55	0	-17	-9	0	0	0

Table 5A-B3.4.8.2-D. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-3	-24	-19	-4	-10	-16	-12	-3	-4	-54	-11	-21
Wet Water Years	-8	-27	-23	-2	-23	-29	-34	-2	-10	-44	-7	-8
Above Normal Water Years	5	-28	-29	1	0	-1	-9	-6	-1	-114	-24	-11
Below Normal Water Years	-5	-33	-11	-2	-1	-15	0	-3	-6	-92	-48	-58
Dry Water Years	11	-16	-28	-15	-6	-8	0	-2	1	-14	28	-18
Critical Water Years	-8	-11	-5	-5	-8	-14	0	-1	2	-7	5	-1

Table 5A-B3.4.8.3-A. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	364	397	366	315	373	337	266	241	324	441	441	347
20%	291	375	260	217	264	248	70	122	166	441	421	323
30%	239	336	235	184	199	187	54	58	143	426	418	261
40%	201	262	211	177	175	154	45	50	135	351	394	204
50%	184	203	187	163	159	125	41	40	129	316	337	153
60%	149	112	178	154	146	118	36	37	121	284	294	120
70%	118	71	167	149	139	110	36	37	109	221	206	82
80%	87	38	159	139	122	96	36	37	88	150	43	49
90%	62	18	114	123	97	24	36	18	64	18	18	31

Table 5A-B3.4.8.3-B. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD) (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	192	201	209	191	191	161	81	80	149	286	279	180
Wet Water Years	230	273	237	256	282	258	167	151	217	388	398	287
Above Normal Water Years	188	222	232	175	174	173	33	74	152	312	404	228
Below Normal Water Years	183	202	235	166	150	116	43	38	129	306	338	183
Dry Water Years	191	150	179	155	139	97	41	43	128	256	94	63
Critical Water Years	130	82	125	145	133	87	40	42	53	46	39	40

Table 5A-B3.4.8.3-C. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-32	0	-49	0	-4	-57	-39	0	0	0	0	0
20%	-19	-22	-46	-13	-11	-2	-35	23	-7	0	-5	-24
30%	-19	-4	-20	-6	-11	-1	-12	-1	-8	-15	-4	-67
40%	-12	-23	-18	-1	-6	-3	-5	0	-8	-83	-28	-38
50%	7	-10	-8	-2	0	-19	-3	-6	-7	-108	-84	-35
60%	1	-69	-2	-1	-2	-3	-4	-1	-10	-131	-48	-5
70%	10	-66	1	0	-4	-8	0	0	-11	-174	17	-4
80%	2	-42	3	-2	-14	-16	0	0	-21	-26	8	-12
90%	1	-21	-11	-2	-29	-80	0	-18	-10	0	0	0

Table 5A-B3.4.8.3-D. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-7	-26	-18	-4	-13	-21	-13	-4	-7	-53	-13	-21
Wet Water Years	-21	-27	-23	-2	-27	-36	-37	-7	-11	-45	-10	-8
Above Normal Water Years	0	-33	-28	0	-4	-14	-9	-9	-15	-112	-24	-8
Below Normal Water Years	-5	-37	-11	1	-5	-24	0	-3	-7	-91	-48	-60
Dry Water Years	10	-17	-22	-16	-9	-7	0	0	1	-12	23	-19
Critical Water Years	-6	-11	-6	-5	-9	-8	1	-1	-4	-5	5	-1

Table 5A-B3.4.8.4-A. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	362	397	360	316	374	341	263	242	332	441	441	347
20%	305	371	264	221	261	253	70	137	180	441	421	328
30%	246	331	245	184	211	203	54	58	153	424	416	282
40%	212	259	211	177	179	165	45	50	142	381	393	236
50%	187	204	188	163	159	128	41	40	133	331	339	163
60%	158	115	180	153	150	122	36	37	127	299	296	128
70%	134	80	170	148	141	113	36	37	120	260	232	80
80%	89	55	159	139	129	103	36	37	107	164	49	57
90%	62	32	111	123	114	46	36	18	76	18	18	33

Table 5A-B3.4.8.4-B. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD) (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	197	205	212	191	195	169	80	82	158	298	282	190
Wet Water Years	233	277	237	254	286	264	167	155	232	394	397	286
Above Normal Water Years	197	234	233	177	186	185	36	79	173	320	404	226
Below Normal Water Years	190	200	237	166	152	131	42	38	138	348	351	215
Dry Water Years	194	157	185	156	141	95	41	43	132	254	94	76
Critical Water Years	134	87	131	144	140	94	39	42	50	43	39	41

Table 5A-B3.4.8.4-C. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-33	0	-55	1	-4	-53	-42	1	8	0	0	0
20%	-6	-26	-42	-10	-14	3	-35	38	7	0	-5	-19
30%	-12	-10	-9	-6	2	15	-12	-1	2	-18	-6	-46
40%	-1	-26	-19	-1	-1	7	-6	0	-1	-54	-28	-7
50%	10	-10	-7	-2	0	-16	-3	-6	-3	-93	-82	-24
60%	10	-66	0	-2	2	0	-4	-1	-4	-116	-46	3
70%	26	-56	4	-1	-2	-5	0	0	0	-135	43	-5
80%	4	-25	3	-1	-7	-9	0	0	-1	-12	13	-4
90%	1	-6	-13	-2	-13	-57	0	-18	3	0	0	2

Table 5A-B3.4.8.4-D. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-2	-22	-16	-4	-9	-14	-13	-2	2	-41	-10	-12
Wet Water Years	-18	-24	-23	-4	-23	-30	-37	-3	3	-38	-10	-9
Above Normal Water Years	9	-21	-27	2	8	-1	-6	-5	7	-104	-25	-10
Below Normal Water Years	2	-38	-9	1	-4	-10	-1	-3	2	-49	-35	-29
Dry Water Years	13	-10	-15	-14	-8	-9	0	0	5	-14	23	-6
Critical Water Years	-2	-6	0	-6	-3	-1	0	-1	-7	-8	5	-1

Table 5A-B3.4.8.5-A. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	364	397	359	315	373	325	266	241	324	441	441	347
20%	292	375	261	217	261	247	70	122	166	441	421	323
30%	239	336	235	183	198	187	54	58	143	426	418	273
40%	201	262	211	176	175	154	45	50	135	350	391	202
50%	183	203	187	163	159	125	41	40	129	314	338	153
60%	149	112	179	153	146	118	36	37	121	284	294	120
70%	117	68	168	148	139	110	36	37	109	221	215	82
80%	87	38	159	139	122	96	36	37	88	150	43	49
90%	62	18	114	123	97	24	36	18	64	18	18	31

Table 5A-B3.4.8.5-B. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD) (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	191	201	209	190	191	161	80	80	149	285	280	181
Wet Water Years	230	273	236	256	282	257	166	151	217	388	397	287
Above Normal Water Years	188	222	232	175	174	173	33	74	152	304	404	234
Below Normal Water Years	181	203	234	166	150	116	43	38	129	306	338	182
Dry Water Years	191	150	179	156	139	97	41	43	128	256	96	63
Critical Water Years	129	82	126	141	134	87	40	42	53	46	39	40

Table 5A-B3.4.8.5-C. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-32	0	-56	0	-4	-69	-39	0	0	0	0	0
20%	-19	-22	-46	-14	-14	-3	-35	23	-7	0	-5	-24
30%	-19	-4	-20	-8	-11	-1	-12	-1	-8	-15	-4	-55
40%	-12	-23	-19	-2	-6	-3	-5	0	-8	-85	-30	-40
50%	6	-10	-8	-3	0	-19	-3	-6	-7	-110	-84	-34
60%	1	-69	-2	-2	-2	-3	-4	-1	-10	-131	-48	-5
70%	9	-68	1	-1	-4	-8	0	0	-11	-174	25	-4
80%	2	-42	3	-2	-14	-16	0	0	-21	-26	8	-12
90%	1	-21	-11	-2	-29	-80	0	-18	-10	0	0	0

Table 5A-B3.4.8.5-D. Banks Pumping Plant, Through Delta - SWP water Monthly Volumes (C_CAA003_SWP_TD), Difference (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-7	-26	-19	-4	-13	-22	-13	-4	-7	-54	-13	-21
Wet Water Years	-21	-27	-24	-2	-27	-37	-37	-7	-11	-45	-10	-8
Above Normal Water Years	0	-33	-28	1	-4	-14	-9	-9	-15	-121	-24	-2
Below Normal Water Years	-7	-36	-13	1	-5	-24	0	-3	-7	-91	-48	-62
Dry Water Years	10	-17	-22	-15	-9	-7	0	0	1	-12	25	-19
Critical Water Years	-6	-12	-5	-10	-9	-8	1	-1	-4	-5	5	-1

B.4.9 Banks Pumping Plant, Total (including North Delta Diversion)

Figure 5A-B3.4.9.1-A. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Probability of Exceedance for Existing Conditions, October to March

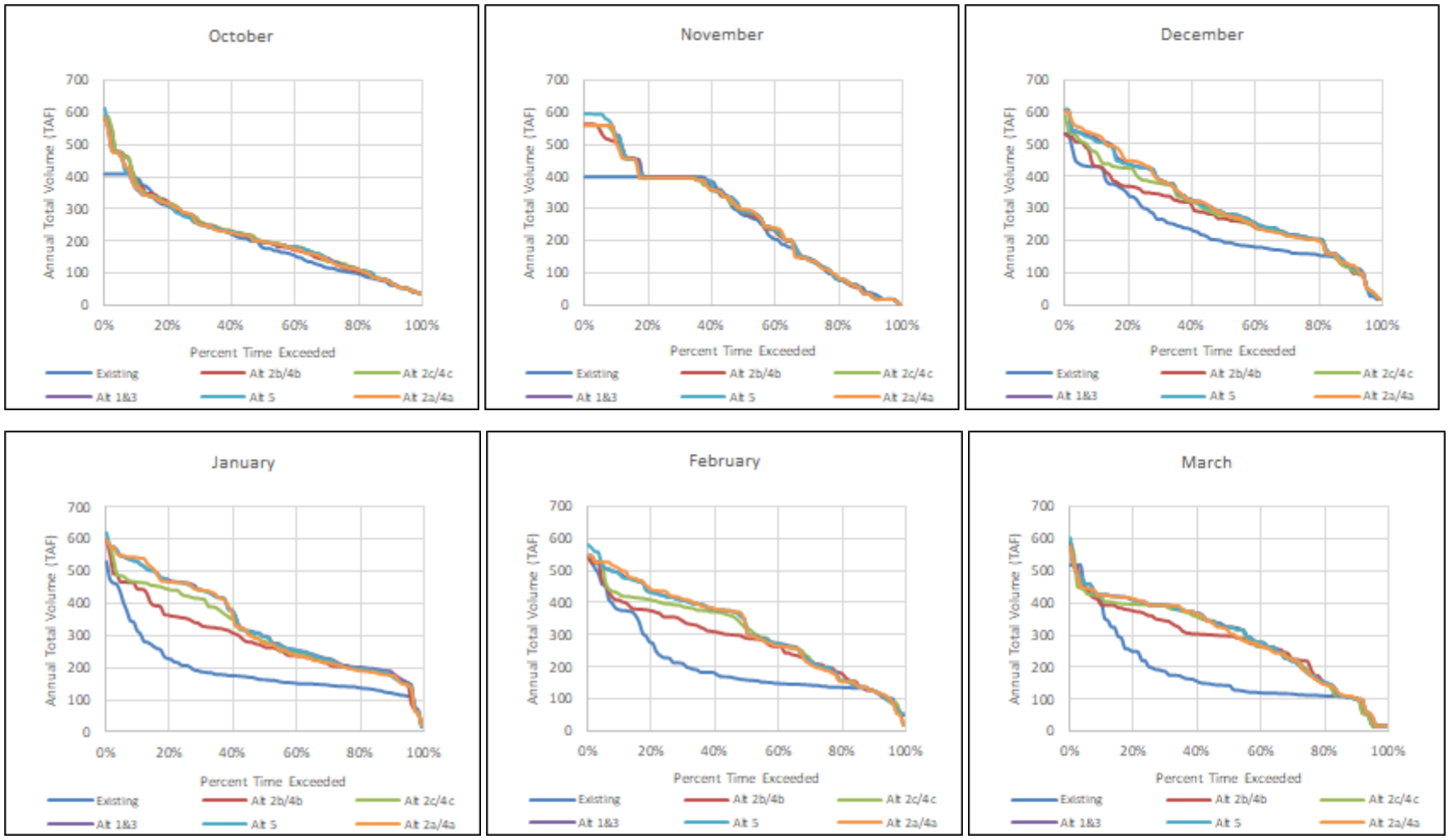


Figure 5A-B3.4.9.1-B. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Probability of Exceedance for Existing Conditions, April to September

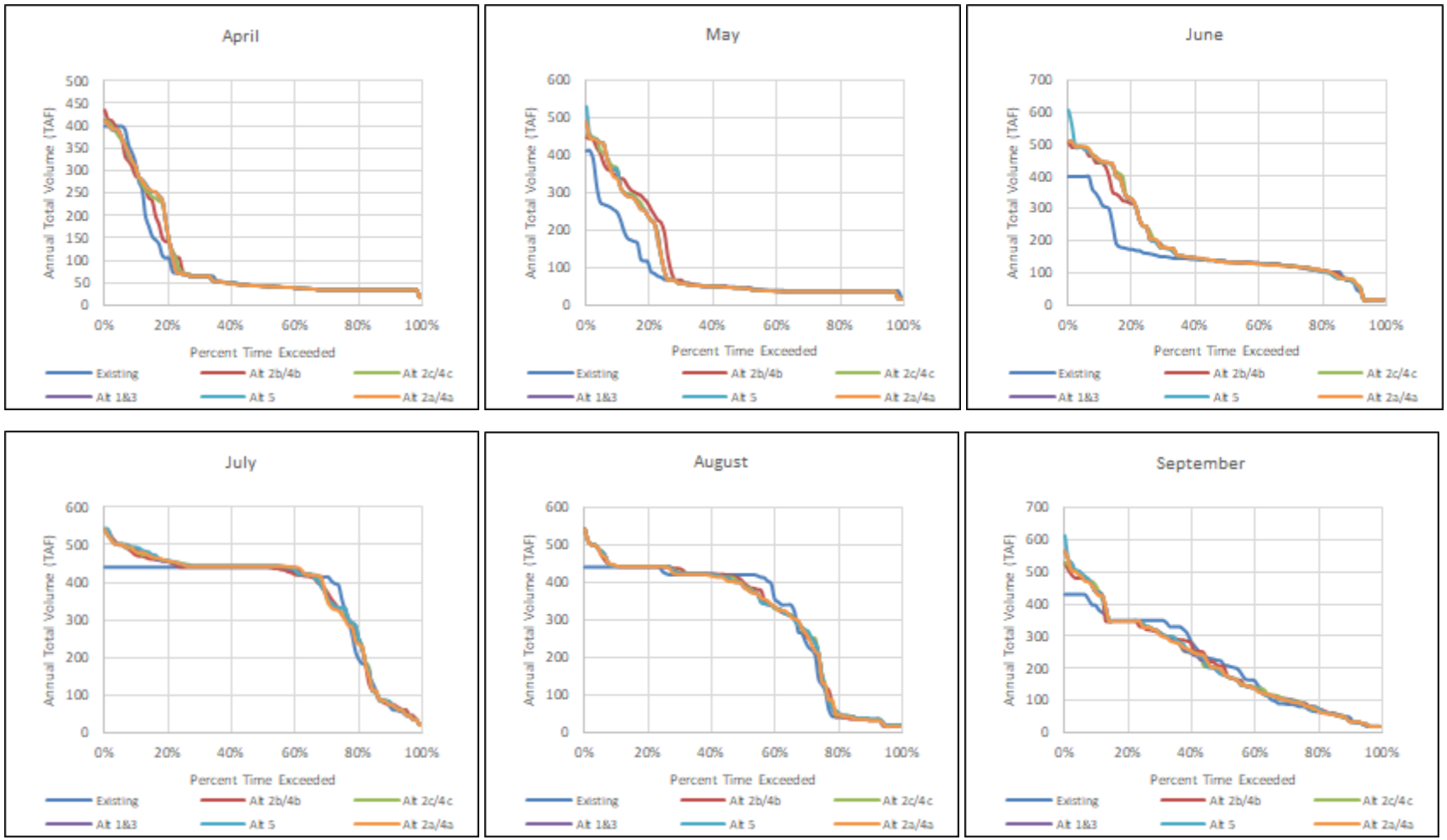


Table 5A-B3.4.9.1-A. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Exceedance Probabilities (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	396	397	430	315	378	394	305	241	324	441	441	390
20%	311	397	344	230	275	250	106	99	173	441	441	347
30%	258	397	267	190	210	188	66	59	151	441	421	347
40%	223	384	235	178	181	158	51	50	143	441	421	283
50%	181	281	198	165	159	144	44	46	136	441	421	215
60%	155	205	181	155	148	122	40	38	131	429	365	160
70%	117	146	168	149	143	118	36	37	120	415	244	88
80%	99	80	156	141	136	112	36	37	109	208	43	64
90%	66	39	124	125	127	104	36	37	74	75	35	47

Table 5A-B3.4.9.1-B. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003) (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	204	254	236	195	205	183	93	84	157	358	308	215
Wet Water Years	252	321	264	258	312	295	203	158	230	438	409	297
Above Normal Water Years	193	294	277	174	179	186	43	83	166	428	428	245
Below Normal Water Years	188	275	256	165	156	141	43	41	136	409	409	291
Dry Water Years	193	208	208	171	149	104	41	43	127	326	121	82
Critical Water Years	148	99	139	150	143	95	40	43	56	85	46	43

Table 5A-B3.4.9.1-C. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	386	506	433	447	407	394	288	340	443	473	443	435
20%	320	397	371	364	375	375	141	262	317	457	441	347
30%	257	397	346	333	343	345	66	67	182	441	436	312
40%	229	371	314	310	309	304	50	51	148	441	421	275
50%	196	290	270	267	290	297	44	46	135	441	403	205
60%	170	232	245	239	262	264	41	38	132	423	334	139
70%	139	148	224	217	221	230	36	37	124	382	260	105
80%	104	82	204	199	180	157	36	37	110	260	43	76
90%	75	35	119	179	125	104	36	37	76	76	35	39

Table 5A-B3.4.9.1-D. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003) (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	218	276	280	286	280	274	98	116	189	365	311	216
Wet Water Years	275	358	348	384	376	365	207	224	297	450	409	302
Above Normal Water Years	214	332	313	314	333	342	69	160	240	424	416	244
Below Normal Water Years	193	287	293	248	233	279	43	45	143	433	408	286
Dry Water Years	206	222	216	213	223	183	41	43	129	319	143	93
Critical Water Years	152	94	162	196	168	114	40	42	58	79	50	41

Table 5A-B3.4.9.1-E. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-9	109	3	132	29	0	-17	99	119	32	1	45
20%	9	0	27	134	99	125	35	163	144	15	0	0
30%	-1	0	79	143	133	157	0	8	31	0	15	-35
40%	5	-13	79	132	129	146	0	0	4	0	0	-7
50%	15	9	72	102	131	154	0	0	-1	0	-19	-10
60%	15	26	64	84	114	143	0	0	0	-7	-31	-21
70%	22	2	56	68	78	112	0	0	4	-34	16	17
80%	5	2	47	58	44	45	0	0	1	52	0	12
90%	9	-3	-6	54	-2	0	0	0	3	1	0	-8

Table 5A-B3.4.9.1-F. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	14	21	45	91	75	91	5	31	33	7	2	2
Wet Water Years	23	37	84	126	65	70	4	66	66	12	0	5
Above Normal Water Years	21	37	35	140	154	156	26	76	74	-4	-12	-1
Below Normal Water Years	5	12	36	83	78	138	0	4	7	24	-1	-5
Dry Water Years	13	15	8	42	74	79	0	0	2	-7	21	10
Critical Water Years	4	-6	24	45	25	19	0	-1	1	-6	4	-3

Table 5A-B3.4.9.2-A. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	382	525	473	467	424	415	303	350	444	484	443	453
20%	318	397	427	444	407	396	160	232	328	454	441	347
30%	261	397	381	416	387	391	66	58	180	441	426	305
40%	231	359	324	352	370	357	50	50	148	441	420	249
50%	199	293	280	283	323	326	44	46	135	441	395	182
60%	179	237	250	249	269	265	41	38	130	437	331	140
70%	137	146	219	222	229	228	36	37	124	374	264	103
80%	112	84	204	201	159	152	36	37	109	269	45	70
90%	75	35	119	183	125	104	36	37	80	82	35	36

Table 5A-B3.4.9.2-B. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003) (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	221	279	295	312	301	288	100	112	194	366	309	215
Wet Water Years	278	355	384	419	394	365	212	217	300	447	409	297
Above Normal Water Years	214	334	322	368	368	391	75	143	268	429	415	228
Below Normal Water Years	200	300	301	270	262	304	43	45	143	433	400	292
Dry Water Years	206	226	217	224	241	194	42	43	128	326	143	96
Critical Water Years	158	96	163	204	173	115	40	42	59	78	51	41

Table 5A-B3.4.9.2-C. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-14	128	43	152	46	21	-2	109	120	42	2	63
20%	7	0	84	214	132	146	55	133	155	12	0	0
30%	3	0	114	225	177	203	0	-1	29	0	5	-42
40%	8	-25	88	174	190	200	0	0	4	0	-2	-33
50%	18	13	82	118	163	183	0	0	-1	0	-26	-33
60%	24	32	69	94	121	144	1	0	-2	8	-35	-21
70%	20	0	51	73	86	110	0	0	4	-42	20	15
80%	13	4	48	60	24	40	0	0	0	61	2	7
90%	9	-4	-6	58	-1	1	0	0	7	7	0	-11

Table 5A-B3.4.9.2-D. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	18	25	59	117	96	105	7	27	37	8	1	0
Wet Water Years	26	35	120	161	83	71	8	59	69	9	0	-1
Above Normal Water Years	21	40	44	193	190	205	32	59	102	1	-13	-17
Below Normal Water Years	12	25	44	105	106	163	0	4	7	24	-8	1
Dry Water Years	13	18	9	53	92	90	0	0	1	1	22	14
Critical Water Years	10	-4	24	53	30	20	0	-1	2	-6	5	-2

Table 5A-B3.4.9.3-A. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	364	529	516	529	490	426	303	348	449	488	441	439
20%	313	397	439	473	432	410	160	232	328	454	441	347
30%	256	397	390	443	406	394	66	58	178	441	424	310
40%	227	361	328	377	379	368	51	51	148	441	420	248
50%	196	293	288	299	325	326	44	46	136	441	392	181
60%	180	239	257	255	273	278	40	38	130	437	335	138
70%	148	147	220	228	217	220	36	37	123	371	267	100
80%	112	83	205	201	157	156	36	37	106	268	52	75
90%	75	35	127	188	126	104	36	37	74	82	35	37

Table 5A-B3.4.9.3-B. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003) (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	217	280	308	331	313	294	100	112	192	366	308	215
Wet Water Years	263	356	410	451	404	362	210	217	299	446	406	300
Above Normal Water Years	213	338	336	399	388	386	76	144	264	428	415	231
Below Normal Water Years	200	302	307	282	277	314	43	45	142	435	401	290
Dry Water Years	206	226	222	228	256	220	41	43	128	326	142	93
Critical Water Years	160	97	167	210	177	125	40	42	53	80	52	41

Table 5A-B3.4.9.3-C. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-32	132	86	214	112	31	-2	107	125	47	0	49
20%	2	0	95	243	156	159	54	133	155	13	0	0
30%	-1	0	123	253	196	206	0	-1	27	0	3	-37
40%	4	-23	93	199	199	211	0	0	4	0	-1	-35
50%	15	12	90	133	166	182	0	0	0	0	-29	-34
60%	24	33	76	100	125	156	0	0	-2	8	-30	-22
70%	30	1	52	79	74	102	0	0	3	-45	22	12
80%	14	3	49	60	22	44	0	0	-3	60	9	11
90%	8	-4	3	63	-1	0	0	0	1	8	0	-10

Table 5A-B3.4.9.3-D. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13	26	73	136	108	112	7	27	36	8	0	0
Wet Water Years	12	35	146	193	93	68	7	59	69	8	-3	2
Above Normal Water Years	20	43	59	224	210	199	33	60	98	0	-14	-14
Below Normal Water Years	12	27	51	117	122	173	0	4	6	26	-8	-2
Dry Water Years	13	18	14	57	107	116	0	0	1	1	20	11
Critical Water Years	12	-3	28	60	34	30	1	-1	-4	-4	5	-2

Table 5A-B3.4.9.4-A. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	367	503	532	544	504	426	302	332	449	480	443	437
20%	317	397	451	469	441	414	160	232	328	456	441	347
30%	255	397	390	443	410	394	66	59	180	441	422	305
40%	226	361	327	366	380	368	50	51	148	441	417	254
50%	198	300	287	278	321	313	44	46	134	441	393	188
60%	175	242	250	241	264	268	41	38	129	439	338	138
70%	147	147	218	217	211	228	36	37	122	368	267	100
80%	112	91	204	193	155	149	36	37	109	239	53	69
90%	75	36	128	178	125	106	36	37	78	76	35	37

Table 5A-B3.4.9.4-B. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003) (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	217	279	311	327	314	291	100	111	193	365	309	215
Wet Water Years	261	354	415	449	406	363	210	215	300	447	406	296
Above Normal Water Years	213	336	330	396	394	387	76	143	264	429	414	230
Below Normal Water Years	203	296	312	280	282	305	43	45	144	431	405	294
Dry Water Years	206	228	223	218	248	210	41	43	132	325	138	94
Critical Water Years	160	99	171	202	174	127	39	42	50	78	52	41

Table 5A-B3.4.9.4-C. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-28	106	102	229	126	31	-3	91	125	38	2	47
20%	6	0	108	238	166	164	54	133	155	14	0	0
30%	-3	0	123	253	200	206	0	-1	28	0	0	-42
40%	3	-23	92	187	200	211	-1	0	5	0	-4	-29
50%	17	19	89	113	162	170	-1	0	-2	0	-29	-27
60%	19	37	69	86	116	147	0	0	-3	10	-27	-22
70%	30	1	49	68	68	110	0	0	2	-47	23	13
80%	13	11	48	53	19	38	0	0	0	31	10	5
90%	8	-3	4	53	-1	2	0	0	5	2	0	-10

Table 5A-B3.4.9.4-D. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13	24	75	132	109	109	7	27	36	7	0	0
Wet Water Years	9	33	151	191	94	69	7	57	69	9	-3	-2
Above Normal Water Years	20	42	52	222	215	201	33	60	98	1	-14	-15
Below Normal Water Years	14	21	55	115	127	165	0	4	7	22	-3	3
Dry Water Years	14	20	16	47	99	106	0	0	5	-1	16	12
Critical Water Years	12	0	33	52	32	32	0	-1	-7	-7	5	-2

Table 5A-B3.4.9.5-A. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	364	529	508	529	488	426	302	346	449	491	441	438
20%	313	397	439	470	432	410	160	232	328	457	441	347
30%	250	397	390	443	406	394	66	58	178	441	422	310
40%	227	380	328	377	379	368	51	51	148	441	419	251
50%	196	293	288	299	325	325	44	46	136	441	392	181
60%	180	239	257	258	273	278	40	38	130	435	335	138
70%	147	147	226	228	217	220	36	37	123	371	272	100
80%	109	83	205	200	157	156	36	37	106	268	55	75
90%	75	35	127	180	126	104	36	37	74	82	35	37

Table 5A-B3.4.9.5-B. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003) (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	216	283	308	330	314	294	100	112	194	367	308	216
Wet Water Years	264	360	409	451	407	361	210	217	301	445	406	301
Above Normal Water Years	213	342	337	399	390	386	76	144	273	426	415	237
Below Normal Water Years	199	303	306	282	277	315	43	45	142	440	401	289
Dry Water Years	206	228	222	229	256	220	41	43	128	327	143	93
Critical Water Years	156	96	168	205	177	125	40	42	53	80	52	41

Table 5A-B3.4.9.5-C. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-32	132	78	214	110	31	-3	105	125	49	0	48
20%	2	0	95	240	156	160	54	133	155	15	0	0
30%	-8	0	123	253	196	206	0	-1	27	0	0	-37
40%	4	-4	93	199	199	211	0	0	4	0	-2	-31
50%	15	12	90	133	166	181	0	0	0	0	-29	-34
60%	24	33	76	103	125	156	0	0	-2	6	-30	-22
70%	30	1	58	79	74	102	0	0	3	-45	27	12
80%	11	3	49	60	22	44	0	0	-3	61	11	12
90%	8	-4	3	55	-1	0	0	0	0	8	0	-10

Table 5A-B3.4.9.5-D. Banks Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_CAA003), Difference (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	12	28	72	135	109	112	7	27	37	9	0	1
Wet Water Years	12	40	145	192	95	67	7	59	71	7	-3	4
Above Normal Water Years	20	48	59	224	212	199	33	60	106	-2	-14	-8
Below Normal Water Years	10	28	50	117	122	174	0	4	6	31	-8	-2
Dry Water Years	13	21	14	58	107	116	0	0	1	1	21	11
Critical Water Years	7	-3	29	55	35	30	1	-1	-4	-4	5	-2

B.4.10 Total SWP Export (including Barker Slough Pumping Plant)

Figure 5A-B3.4.10.1-A. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Probability of Exceedance for Existing Conditions, October to March

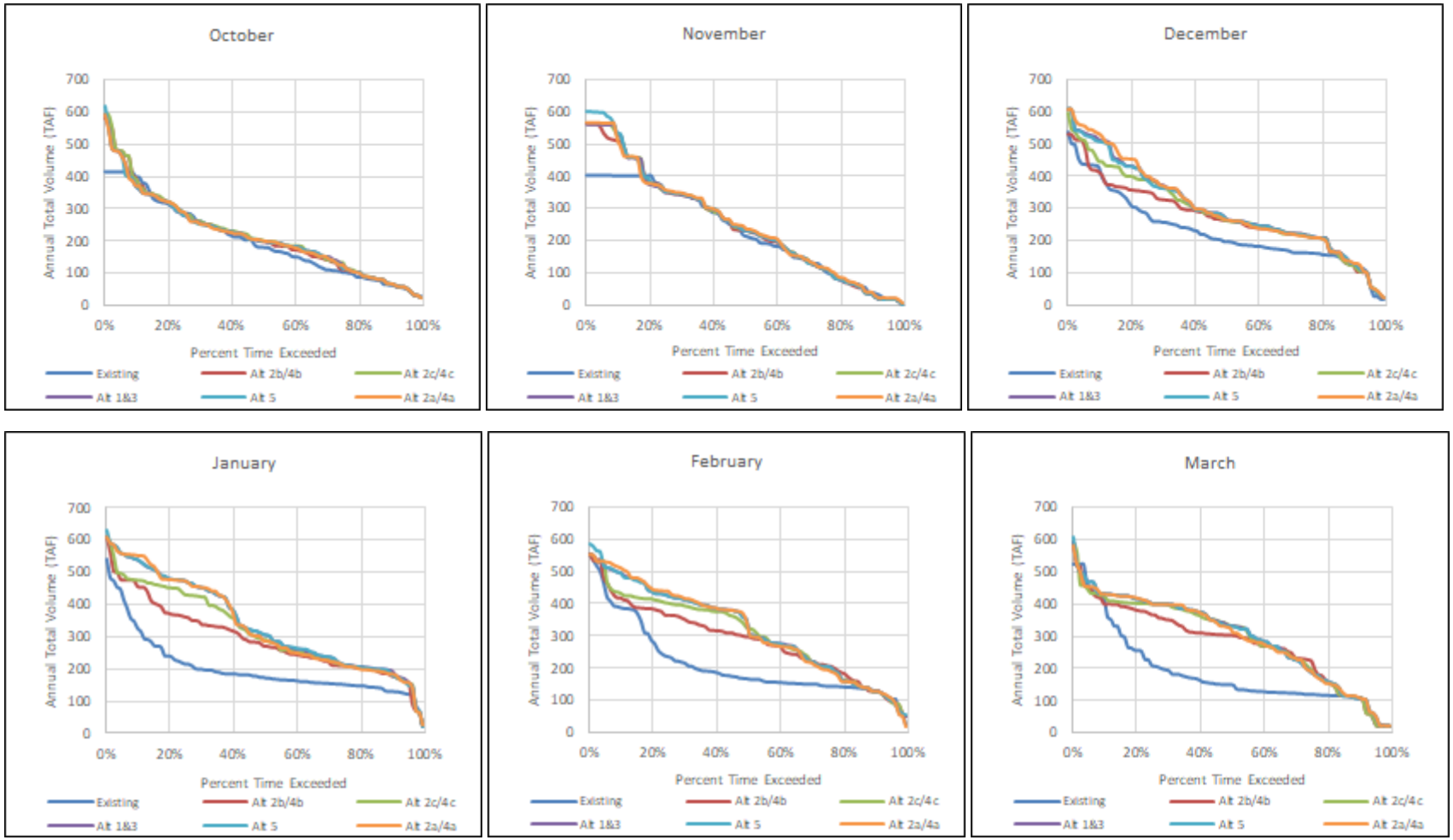


Figure 5A-B3.4.10.1-B. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Probability of Exceedance for Existing Conditions, April to September

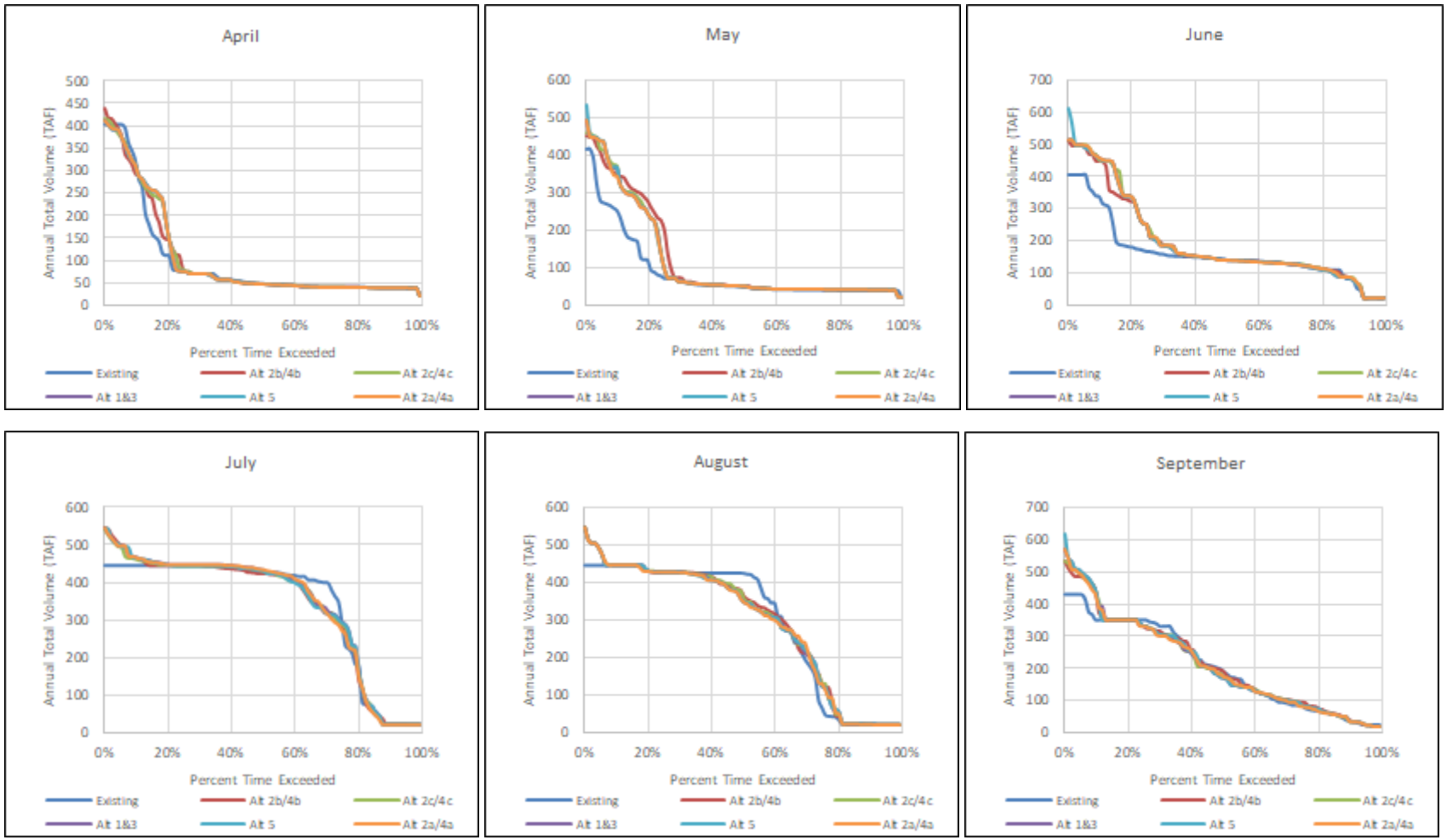


Table 5A-B3.4.10.1-A. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Exceedance Probabilities (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	399	399	417	323	385	399	308	246	329	446	446	351
20%	314	399	308	238	279	255	109	104	179	446	431	351
30%	261	342	256	198	213	192	69	63	157	445	426	332
40%	216	286	231	183	185	162	55	53	148	439	426	247
50%	180	215	197	172	165	148	47	50	139	428	425	191
60%	151	182	183	162	154	127	43	42	135	420	346	129
70%	110	138	168	154	148	122	39	42	125	400	194	91
80%	88	82	158	146	140	115	39	41	112	180	40	65
90%	63	40	126	129	129	106	38	40	77	22	22	34

Table 5A-B3.4.10.1-B. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport) (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	202	229	230	201	210	186	96	89	160	343	296	205
Wet Water Years	254	303	262	265	316	299	206	163	234	437	412	299
Above Normal Water Years	191	257	262	181	185	191	46	88	171	429	433	240
Below Normal Water Years	191	241	249	171	161	145	46	46	140	401	390	247
Dry Water Years	184	169	203	177	152	107	44	46	130	272	76	86
Critical Water Years	138	95	133	153	145	97	42	46	59	55	37	45

Table 5A-B3.4.10.1-C. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	390	509	407	455	414	399	291	345	449	464	446	422
20%	320	384	355	371	382	380	144	267	323	446	429	351
30%	255	342	325	339	350	349	69	72	186	445	426	316
40%	225	294	291	317	315	309	55	54	151	437	415	259
50%	197	233	260	272	295	302	46	50	138	424	370	193
60%	171	197	237	245	268	268	43	42	135	408	317	138
70%	140	135	220	224	219	233	39	42	128	319	211	104
80%	101	81	206	205	183	160	39	41	113	178	45	80
90%	65	37	121	181	127	107	38	40	79	22	22	44

Table 5A-B3.4.10.1-D. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport) (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	216	251	269	292	284	277	101	120	193	341	296	215
Wet Water Years	277	341	332	391	380	369	210	229	300	439	413	306
Above Normal Water Years	213	293	297	321	339	347	72	165	245	404	420	247
Below Normal Water Years	196	255	286	254	238	283	46	49	147	421	369	270
Dry Water Years	200	184	207	219	227	186	44	46	133	258	105	96
Critical Water Years	141	90	157	199	170	116	42	45	60	48	40	44

Table 5A-B3.4.10.1-E. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-9	110	-9	132	29	0	-17	99	119	18	0	70
20%	5	-16	46	133	103	125	35	163	144	0	-2	0
30%	-6	0	68	141	136	157	0	9	29	0	0	-16
40%	8	8	60	134	130	147	0	0	4	-2	-11	12
50%	17	18	63	100	131	154	0	0	-1	-4	-55	1
60%	21	15	54	83	114	141	0	0	0	-12	-29	9
70%	30	-4	52	70	70	112	0	0	2	-81	17	14
80%	13	-1	47	59	43	46	0	0	1	-2	5	15
90%	2	-4	-5	52	-2	1	0	0	2	0	0	10

Table 5A-B3.4.10.1-F. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	14	22	40	92	75	91	5	31	33	-2	-1	10
Wet Water Years	23	38	70	126	65	70	4	66	66	2	1	7
Above Normal Water Years	22	36	36	140	154	156	26	76	74	-25	-13	7
Below Normal Water Years	5	14	38	83	78	138	0	4	7	20	-21	23
Dry Water Years	15	15	5	42	74	79	0	0	2	-15	29	9
Critical Water Years	2	-5	23	45	25	19	0	-1	1	-6	4	-1

Table 5A-B3.4.10.2-A. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	385	528	444	474	431	419	306	355	449	463	446	431
20%	320	377	398	451	414	400	164	237	334	448	431	351
30%	259	346	364	423	394	395	69	61	185	446	426	306
40%	229	293	297	358	376	362	54	54	151	445	414	251
50%	199	233	261	291	325	331	46	50	138	432	366	178
60%	182	202	243	254	272	269	44	42	134	404	306	136
70%	141	143	220	230	221	231	39	42	128	330	220	103
80%	101	84	206	206	164	155	39	41	112	192	49	74
90%	65	37	121	186	127	107	38	40	83	22	22	39

Table 5A-B3.4.10.2-B. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport) (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	219	254	286	318	305	292	103	116	197	344	294	213
Wet Water Years	279	338	370	425	399	370	215	222	303	439	413	301
Above Normal Water Years	215	294	310	374	375	396	78	148	273	410	417	229
Below Normal Water Years	202	267	293	275	267	308	46	49	146	422	361	275
Dry Water Years	199	187	208	230	245	198	44	46	131	265	109	97
Critical Water Years	144	92	160	207	175	117	42	45	61	48	41	45

Table 5A-B3.4.10.2-C. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-14	128	28	152	46	21	-2	109	120	17	0	80
20%	5	-22	90	213	136	146	55	133	155	2	0	0
30%	-2	4	108	225	180	203	0	-1	29	0	0	-26
40%	12	6	66	174	192	200	-1	0	4	6	-12	5
50%	19	18	64	119	161	183	0	0	-1	4	-60	-13
60%	32	20	60	92	117	142	1	0	-2	-16	-40	7
70%	30	4	51	76	73	109	0	0	3	-70	26	13
80%	13	2	48	60	24	40	0	0	0	12	9	9
90%	2	-4	-5	57	-2	1	0	0	6	0	0	5

Table 5A-B3.4.10.2-D. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	17	25	56	117	96	105	7	27	37	1	-2	7
Wet Water Years	25	35	108	160	83	71	8	59	69	2	1	2
Above Normal Water Years	24	37	49	193	190	205	32	59	102	-18	-16	-11
Below Normal Water Years	12	27	44	105	106	163	0	4	7	20	-29	28
Dry Water Years	15	18	6	53	92	90	1	0	1	-7	33	11
Critical Water Years	5	-3	26	53	30	21	0	-1	2	-7	5	-1

Table 5A-B3.4.10.3-A. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	367	532	511	535	494	430	306	353	454	465	446	428
20%	316	377	430	477	436	414	163	237	334	446	431	351
30%	254	346	370	451	413	398	69	62	184	446	426	306
40%	226	299	299	379	386	373	55	53	151	443	405	252
50%	197	233	267	304	328	330	46	50	139	432	351	172
60%	181	203	246	260	277	282	43	42	134	404	306	133
70%	149	141	220	236	222	225	39	42	127	331	210	102
80%	101	82	207	206	162	160	39	41	109	203	56	76
90%	65	37	128	193	127	106	38	40	78	22	22	41

Table 5A-B3.4.10.3-B. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport) (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	215	254	299	337	318	298	103	116	196	344	293	214
Wet Water Years	265	338	397	457	408	367	214	222	303	438	410	304
Above Normal Water Years	214	295	321	405	395	390	79	148	269	410	417	232
Below Normal Water Years	203	269	299	288	282	318	46	49	146	425	362	274
Dry Water Years	198	187	214	234	259	223	44	46	132	267	104	96
Critical Water Years	146	92	164	213	179	127	42	45	55	50	42	45

Table 5A-B3.4.10.3-C. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-32	133	94	212	109	31	-2	107	125	19	0	77
20%	2	-22	122	240	157	159	54	133	155	0	0	0
30%	-8	4	114	253	200	206	0	-1	27	0	0	-27
40%	10	13	67	196	202	211	0	0	4	4	-21	5
50%	17	18	70	133	163	183	0	0	0	4	-74	-19
60%	30	21	63	98	123	156	0	0	-1	-15	-40	4
70%	39	2	51	82	73	103	0	0	2	-69	16	12
80%	13	0	49	60	22	45	0	0	-3	23	17	11
90%	2	-4	2	64	-1	0	0	0	1	0	0	7

Table 5A-B3.4.10.3-D. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13	25	69	136	108	112	7	27	36	2	-4	8
Wet Water Years	11	36	135	192	93	68	7	59	69	1	-1	5
Above Normal Water Years	23	38	59	224	210	199	33	60	98	-19	-16	-8
Below Normal Water Years	12	28	51	117	122	173	0	4	6	24	-28	27
Dry Water Years	14	18	12	57	107	116	0	0	1	-6	28	10
Critical Water Years	8	-3	31	60	34	30	1	-1	-4	-5	5	-1

Table 5A-B3.4.10.4-A. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	371	506	529	550	510	430	305	337	454	465	446	419
20%	320	375	452	475	445	419	163	237	334	446	429	351
30%	252	346	369	451	417	398	69	62	184	446	426	302
40%	225	297	300	369	387	373	55	54	152	443	406	256
50%	199	239	263	285	326	317	46	50	138	433	351	178
60%	177	204	237	248	269	276	43	42	133	410	300	132
70%	149	137	219	224	218	231	39	42	126	321	236	102
80%	99	84	206	198	159	153	39	41	112	190	53	71
90%	65	37	130	183	127	109	38	40	82	22	22	41

Table 5A-B3.4.10.4-B. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport) (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	215	252	301	332	318	295	103	115	196	343	293	213
Wet Water Years	262	336	402	455	410	368	214	220	303	439	410	300
Above Normal Water Years	214	294	316	403	400	392	80	148	269	410	416	231
Below Normal Water Years	205	262	303	286	287	310	46	49	147	420	366	276
Dry Water Years	199	189	214	224	252	213	44	46	136	263	99	97
Critical Water Years	147	94	169	205	177	129	41	45	52	47	42	45

Table 5A-B3.4.10.4-C. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-28	107	112	227	125	31	-3	91	125	19	0	67
20%	6	-24	144	238	166	164	54	133	155	1	-3	0
30%	-10	4	113	253	204	206	0	-1	28	0	0	-30
40%	8	10	69	185	202	211	-1	0	4	5	-20	9
50%	19	24	66	114	161	170	-1	0	-1	5	-75	-14
60%	27	22	55	86	115	149	0	0	-3	-10	-46	3
70%	38	-1	51	70	69	109	0	0	1	-78	41	12
80%	11	2	48	52	19	38	0	0	0	10	13	6
90%	3	-3	4	53	-1	3	0	0	5	0	0	7

Table 5A-B3.4.10.4-D. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13	24	72	132	109	109	7	27	36	0	-3	7
Wet Water Years	8	34	140	191	95	69	7	57	69	2	-1	1
Above Normal Water Years	23	37	54	222	215	201	33	60	98	-18	-16	-10
Below Normal Water Years	14	22	55	115	127	165	0	4	7	19	-24	28
Dry Water Years	15	19	11	47	99	106	0	0	5	-9	23	11
Critical Water Years	9	-1	35	52	32	32	0	-1	-7	-8	5	-1

Table 5A-B3.4.10.5-A. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	367	532	508	535	493	430	305	351	454	467	446	428
20%	316	386	430	477	436	415	163	237	334	447	431	351
30%	250	346	362	451	413	398	69	62	184	446	426	306
40%	226	299	299	379	386	373	55	53	151	443	404	255
50%	197	233	267	304	328	329	46	50	139	432	351	172
60%	181	203	246	262	277	282	43	42	134	402	305	133
70%	148	132	220	236	222	225	39	42	127	320	219	102
80%	101	82	207	205	162	160	39	41	109	203	59	76
90%	65	36	128	183	127	106	38	40	77	22	22	41

Table 5A-B3.4.10.5-B. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport) (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	214	257	297	336	319	298	103	116	197	344	293	215
Wet Water Years	265	343	394	458	411	366	214	222	304	438	410	305
Above Normal Water Years	214	299	321	405	397	390	79	148	278	401	417	238
Below Normal Water Years	201	270	297	288	282	319	46	49	146	430	361	272
Dry Water Years	198	190	214	235	259	223	44	46	132	267	106	96
Critical Water Years	145	91	165	208	180	127	42	45	55	50	42	45

Table 5A-B3.4.10.5-C. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-32	133	91	212	108	31	-3	105	125	21	0	77
20%	2	-13	122	240	157	160	54	133	155	2	0	0
30%	-11	4	106	253	200	206	0	-1	27	0	0	-27
40%	10	13	67	196	202	211	0	0	4	4	-21	9
50%	17	18	70	133	163	182	0	0	0	4	-74	-19
60%	30	21	63	100	123	156	0	0	-1	-18	-40	4
70%	38	-6	51	82	73	103	0	0	2	-80	24	12
80%	12	0	49	59	22	45	0	0	-3	23	19	11
90%	3	-4	2	54	-1	0	0	0	1	0	0	7

Table 5A-B3.4.10.5-D. Total SWP Export (inc. Barker Slough) Monthly Volumes (TotSWPExport), Difference (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	12	28	68	136	109	112	7	27	37	2	-4	9
Wet Water Years	11	40	132	193	95	67	7	59	71	1	-1	6
Above Normal Water Years	23	42	59	224	212	199	33	60	106	-27	-16	-2
Below Normal Water Years	10	29	48	117	122	174	0	4	6	29	-29	25
Dry Water Years	14	20	12	58	107	116	0	0	1	-5	30	10
Critical Water Years	7	-4	32	55	35	30	1	-1	-4	-5	5	-1

B.4.11 Jones Pumping Plant, Through Delta

Figure 5A-B3.4.11.1-A. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Probability of Exceedance for Existing Conditions, October to March

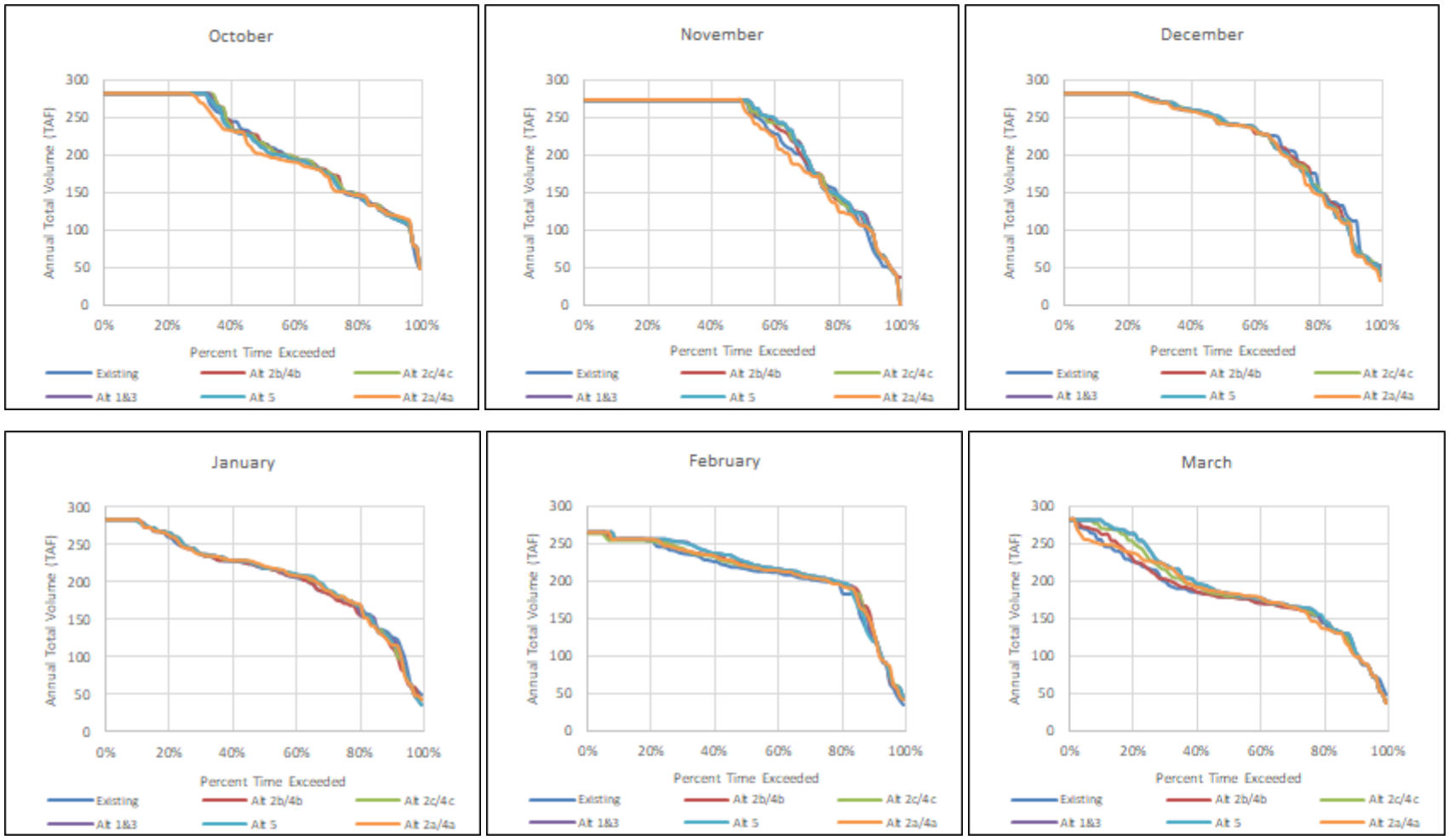


Figure 5A-B3.4.11.1-B. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Probability of Exceedance for Existing Conditions, April to September

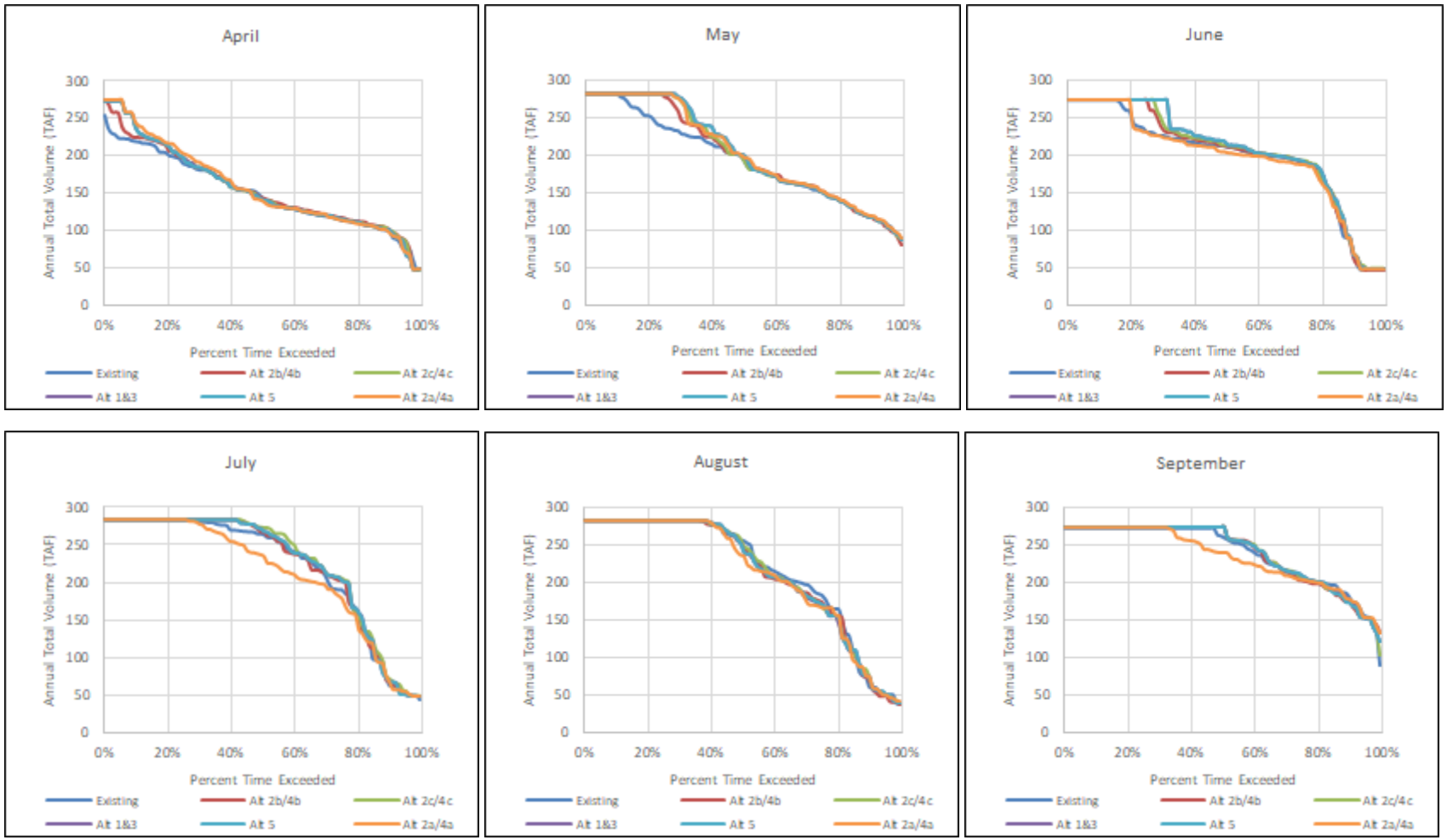


Table 5A-B3.4.11.1-A. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Exceedance Probabilities (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	283	274	283	282	255	253	220	282	274	283	283	274
20%	283	274	283	260	253	226	202	253	250	283	283	274
30%	283	274	271	237	237	200	181	229	226	280	283	274
40%	247	274	260	228	226	185	158	215	217	269	277	274
50%	218	274	242	218	216	179	144	193	212	263	257	262
60%	197	229	235	206	212	171	129	172	201	240	216	241
70%	178	190	208	186	203	165	119	159	197	208	197	215
80%	146	148	166	170	191	145	111	141	176	163	164	200
90%	125	90	116	130	133	104	100	118	75	66	64	183

Table 5A-B3.4.11.1-B. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD) (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	214	217	222	208	207	180	151	195	198	222	217	240
Wet Water Years	226	239	237	222	190	174	194	249	248	264	267	255
Above Normal Water Years	226	238	248	220	226	192	187	217	232	236	259	219
Below Normal Water Years	222	223	221	200	228	190	138	183	202	249	235	270
Dry Water Years	205	212	209	208	205	183	123	157	186	229	197	236
Critical Water Years	172	147	186	178	197	167	83	120	68	67	72	180

Table 5A-B3.4.11.1-C. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	283	274	283	282	255	264	224	283	274	283	283	274
20%	283	274	283	262	254	229	208	283	274	283	283	274
30%	283	274	273	237	242	204	183	248	234	283	283	274
40%	244	274	260	228	234	187	159	223	221	283	278	274
50%	216	274	244	219	222	179	143	194	212	266	251	274
60%	198	242	231	208	215	171	130	173	203	237	205	247
70%	182	192	208	185	206	165	120	160	197	212	187	215
80%	149	140	154	157	197	147	112	141	168	158	156	198
90%	123	105	107	117	142	104	101	118	69	69	72	174

Table 5A-B3.4.11.1-D. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD) (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	214	220	220	205	212	183	155	201	202	224	215	240
Wet Water Years	227	241	238	212	191	177	200	258	257	268	264	254
Above Normal Water Years	221	240	245	219	229	192	192	228	232	247	251	211
Below Normal Water Years	224	227	225	198	233	192	138	191	209	247	232	271
Dry Water Years	209	216	201	219	216	183	124	158	184	229	195	238
Critical Water Years	173	150	176	174	204	172	87	119	70	70	72	185

Table 5A-B3.4.11.1-E. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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

Table 5A-B3.4.11.1-F. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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

Table 5A-B3.4.11.2-A. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	283	274	283	282	255	272	237	283	274	283	283	274
20%	283	274	283	265	255	253	214	283	274	283	283	274
30%	283	274	272	237	245	216	185	273	242	283	283	274
40%	240	274	260	229	234	194	159	225	223	283	278	274
50%	217	274	243	219	221	180	141	193	213	273	252	274
60%	198	244	237	209	216	177	130	172	203	249	208	250
70%	179	199	203	188	208	167	121	161	197	214	181	216
80%	148	144	158	165	198	147	111	141	170	158	152	201
90%	123	109	110	124	139	105	102	119	73	73	77	175

Table 5A-B3.4.11.2-B. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD) (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	214	220	220	208	212	188	157	203	204	227	215	240
Wet Water Years	226	240	238	221	192	178	205	260	260	269	268	257
Above Normal Water Years	221	239	244	219	234	193	201	232	234	259	247	210
Below Normal Water Years	223	231	222	199	226	206	139	195	210	251	230	271
Dry Water Years	207	218	200	214	220	191	123	160	184	228	195	236
Critical Water Years	174	147	181	176	205	175	86	119	72	73	74	185

Table 5A-B3.4.11.2-C. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	19	17	1	0	0	0	0
20%	0	0	0	5	2	27	12	30	23	0	0	0
30%	0	0	1	0	8	16	3	43	15	2	0	0
40%	-7	0	0	1	8	9	0	10	6	14	1	0
50%	-1	0	1	1	5	1	-3	0	1	10	-5	11
60%	2	14	2	3	4	6	1	0	1	9	-8	9
70%	1	9	-5	2	5	2	2	2	0	6	-16	2
80%	2	-4	-8	-5	7	2	0	0	-6	-4	-12	1
90%	-2	19	-7	-6	5	1	1	1	-2	7	13	-8

Table 5A-B3.4.11.2-D. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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

Table 5A-B3.4.11.3-A. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	283	274	283	282	255	281	237	283	274	283	283	274
20%	283	274	283	265	255	264	214	283	274	283	283	274
30%	283	274	272	237	252	222	185	277	274	283	283	274
40%	235	274	261	229	237	198	159	237	226	283	281	274
50%	211	274	248	219	225	184	141	200	216	270	246	274
60%	194	250	237	210	216	177	129	173	203	239	207	248
70%	178	199	204	188	207	167	120	160	195	214	180	216
80%	145	148	153	164	198	147	111	141	178	163	151	202
90%	120	109	99	125	125	110	100	118	73	70	74	176

Table 5A-B3.4.11.3-B. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD) (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	212	221	220	208	214	192	156	205	206	226	214	240
Wet Water Years	219	240	237	222	195	182	205	265	260	267	267	257
Above Normal Water Years	222	244	249	219	231	205	202	237	247	257	246	215
Below Normal Water Years	224	232	220	199	228	215	136	195	210	249	228	271
Dry Water Years	208	219	192	215	223	190	123	156	184	226	194	236
Critical Water Years	173	148	189	176	205	168	84	119	73	73	75	185

Table 5A-B3.4.11.3-C. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	29	17	1	0	0	0	0
20%	0	0	0	5	2	38	12	30	23	0	0	0
30%	0	0	1	0	15	23	3	48	47	2	0	0
40%	-12	0	1	1	11	12	0	22	9	14	3	0
50%	-7	0	6	1	9	5	-3	7	4	6	-11	11
60%	-2	21	2	3	4	6	0	0	1	-1	-8	7
70%	0	9	-4	2	4	1	1	0	-2	6	-17	2
80%	-1	0	-13	-6	7	2	0	0	2	1	-14	2
90%	-4	19	-18	-4	-9	6	0	0	-2	4	11	-6

Table 5A-B3.4.11.3-D. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-2	4	-3	0	7	11	5	10	8	4	-3	1
Wet Water Years	-7	1	-1	-1	5	8	11	16	12	4	0	2
Above Normal Water Years	-5	7	1	-1	5	13	15	19	15	21	-13	-4
Below Normal Water Years	1	9	-1	-1	0	25	-1	11	9	0	-6	1
Dry Water Years	3	7	-17	7	18	7	0	-1	-2	-3	-3	0
Critical Water Years	1	1	3	-2	8	1	1	-1	5	6	4	4

Table 5A-B3.4.11.4-A. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	283	274	283	282	255	249	243	283	274	283	283	274
20%	283	274	283	262	255	237	216	283	253	283	283	274
30%	272	274	271	237	241	221	190	273	223	277	283	274
40%	234	274	259	229	234	192	165	228	213	254	280	256
50%	202	268	242	221	220	184	139	197	204	235	236	240
60%	191	224	235	208	214	178	128	174	199	210	210	224
70%	173	177	199	188	205	166	121	160	191	196	178	209
80%	147	131	148	170	195	137	108	141	164	149	156	200
90%	122	102	108	118	139	101	97	118	75	71	74	178

Table 5A-B3.4.11.4-B. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD) (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	209	213	217	207	211	183	157	204	196	212	213	233
Wet Water Years	215	234	236	223	191	173	205	261	246	261	268	258
Above Normal Water Years	215	233	245	217	222	193	201	235	226	247	256	222
Below Normal Water Years	220	221	221	197	229	200	142	196	201	211	222	244
Dry Water Years	211	213	187	214	222	193	122	156	178	215	183	222
Critical Water Years	170	143	183	173	202	160	82	119	73	73	75	184

Table 5A-B3.4.11.4-C. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	-4	23	1	0	0	0	0
20%	0	0	0	2	2	11	14	30	2	0	0	0
30%	-11	0	-1	0	5	21	9	43	-3	-3	0	0
40%	-13	0	-1	1	8	7	7	13	-4	-15	3	-18
50%	-16	-6	0	3	4	4	-5	4	-8	-28	-21	-22
60%	-5	-5	-1	2	2	6	-1	1	-3	-30	-6	-17
70%	-5	-13	-9	2	2	0	2	1	-6	-12	-20	-5
80%	1	-17	-18	0	3	-8	-3	1	-12	-14	-8	1
90%	-3	11	-8	-11	6	-3	-3	0	0	5	11	-4

Table 5A-B3.4.11.4-D. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-5	-3	-5	0	4	3	6	9	-2	-10	-5	-7
Wet Water Years	-11	-5	-1	1	0	-1	11	12	-2	-2	1	3
Above Normal Water Years	-11	-5	-3	-2	-4	1	14	18	-6	11	-3	3
Below Normal Water Years	-2	-3	0	-3	1	10	4	13	-1	-38	-13	-26
Dry Water Years	5	1	-22	6	17	10	-1	-1	-8	-15	-14	-14
Critical Water Years	-1	-4	-3	-5	6	-7	-1	-1	5	6	3	4

Table 5A-B3.4.11.5-A. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	283	274	283	280	255	281	237	283	274	283	283	274
20%	283	274	283	265	255	264	214	283	274	283	283	274
30%	283	274	272	237	252	223	185	277	274	283	283	274
40%	234	274	261	229	237	198	159	237	226	283	281	274
50%	211	274	248	219	225	184	141	200	216	270	246	274
60%	194	250	237	211	216	177	129	173	203	239	207	248
70%	177	199	202	191	208	167	120	160	195	214	184	216
80%	146	148	153	168	198	152	111	141	178	163	154	202
90%	120	106	99	124	122	110	100	118	73	70	74	173

Table 5A-B3.4.11.5-B. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD) (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	212	221	219	208	213	192	156	205	206	226	214	240
Wet Water Years	219	240	236	221	195	182	205	265	260	267	267	257
Above Normal Water Years	222	244	249	219	231	205	202	237	247	257	246	213
Below Normal Water Years	224	231	220	199	228	215	136	195	210	249	229	271
Dry Water Years	208	219	192	214	223	190	123	156	184	226	194	236
Critical Water Years	172	147	188	181	200	168	84	119	73	73	75	185

Table 5A-B3.4.11.5-C. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	-2	0	29	17	1	0	0	0	0
20%	0	0	0	5	2	38	12	30	23	0	0	0
30%	0	0	1	0	15	23	3	48	47	2	0	0
40%	-12	0	1	1	11	12	0	22	9	14	3	0
50%	-7	0	6	1	9	5	-3	7	4	6	-11	11
60%	-2	21	2	4	4	6	0	0	1	-1	-8	7
70%	-1	9	-5	5	4	1	1	0	-2	6	-14	2
80%	-1	0	-13	-2	7	7	0	0	2	1	-10	2
90%	-4	15	-18	-6	-11	6	0	0	-2	4	10	-9

Table 5A-B3.4.11.5-D. Jones Pumping Plant, Through Delta Monthly Volumes (C_DMC000_TD), Difference (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-2	4	-3	1	6	11	5	10	8	4	-3	1
Wet Water Years	-7	1	-1	-1	5	8	11	16	12	4	0	2
Above Normal Water Years	-5	7	1	-1	5	13	15	19	15	21	-13	-6
Below Normal Water Years	1	8	-1	-1	0	25	-2	11	9	0	-6	1
Dry Water Years	3	7	-17	6	18	7	0	-1	-2	-3	-3	0
Critical Water Years	1	1	2	3	4	2	1	-1	5	6	3	4

B.4.12 Jones Pumping Plant, Total (including North Delta Diversion)

Figure 5A-B3.4.12.1-A. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Probability of Exceedance for Existing Conditions, October to March

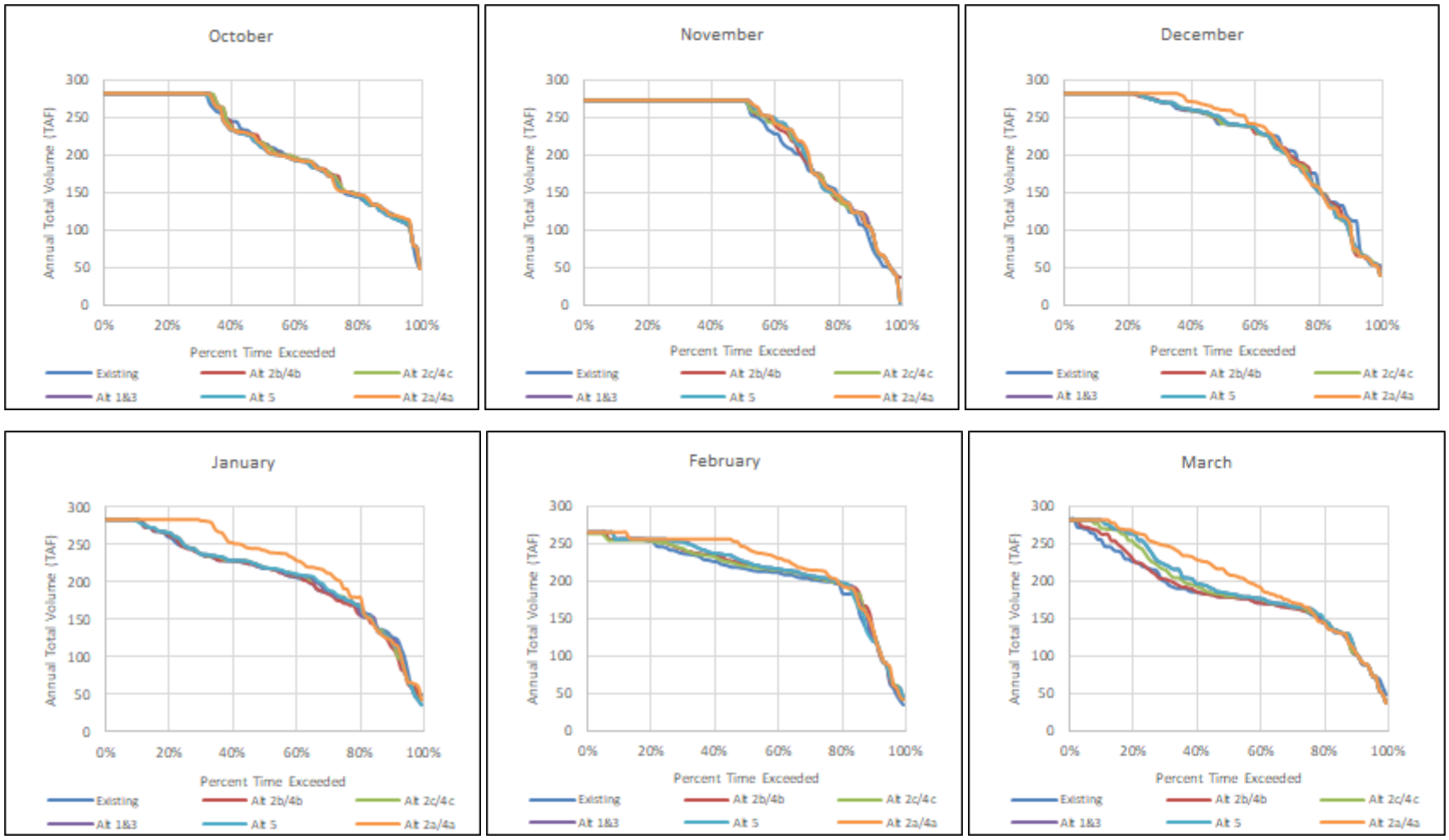


Figure 5A-B3.4.12.1-B. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Probability of Exceedance for Existing Conditions, April to September

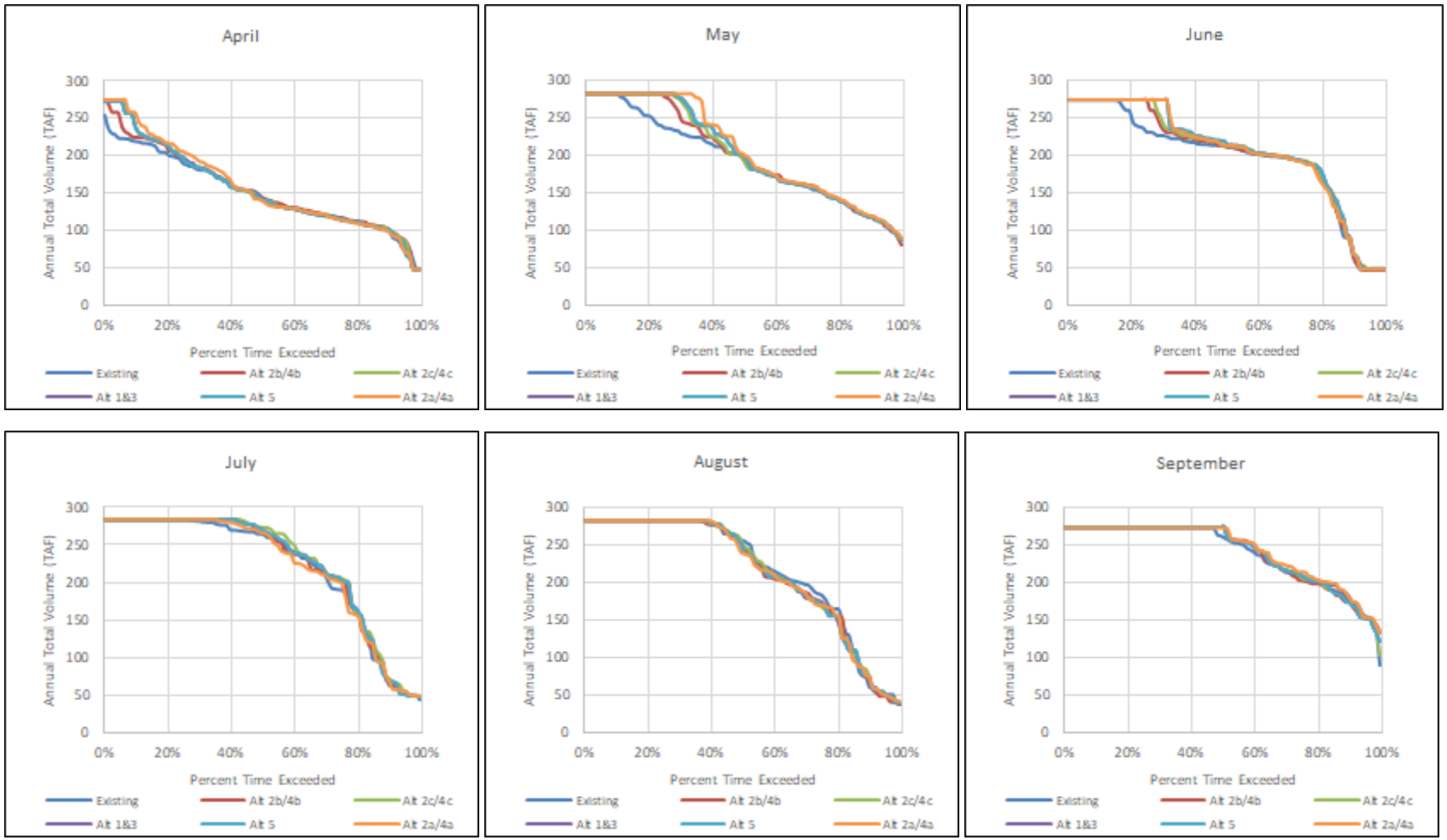


Table 5A-B3.4.12.1-A. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Exceedance Probabilities (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	283	274	283	282	255	253	220	282	274	283	283	274
20%	283	274	283	260	253	226	202	253	250	283	283	274
30%	283	274	271	237	237	200	181	229	226	280	283	274
40%	247	274	260	228	226	185	158	215	217	269	277	274
50%	218	274	242	218	216	179	144	193	212	263	257	262
60%	197	229	235	206	212	171	129	172	201	240	216	241
70%	178	190	208	186	203	165	119	159	197	208	197	215
80%	146	148	166	170	191	145	111	141	176	163	164	200
90%	125	90	116	130	133	104	100	118	75	66	64	183

Table 5A-B3.4.12.1-B. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000) (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	214	217	222	208	207	180	151	195	198	222	217	240
Wet Water Years	226	239	237	222	190	174	194	249	248	264	267	255
Above Normal Water Years	226	238	248	220	226	192	187	217	232	236	259	219
Below Normal Water Years	222	223	221	200	228	190	138	183	202	249	235	270
Dry Water Years	205	212	209	208	205	183	123	157	186	229	197	236
Critical Water Years	172	147	186	178	197	167	83	120	68	67	72	180

Table 5A-B3.4.12.1-C. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	283	274	283	282	255	264	224	283	274	283	283	274
20%	283	274	283	262	254	229	208	283	274	283	283	274
30%	283	274	273	237	242	204	183	248	234	283	283	274
40%	244	274	260	228	234	187	159	223	221	283	278	274
50%	216	274	244	219	222	179	143	194	212	266	251	274
60%	198	242	231	208	215	171	130	173	203	237	205	247
70%	182	192	208	185	206	165	120	160	197	212	187	215
80%	149	140	154	157	197	147	112	141	168	158	156	198
90%	123	105	107	117	142	104	101	118	69	69	72	174

Table 5A-B3.4.12.1-D. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000) (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	214	220	220	205	212	183	155	201	202	224	215	240
Wet Water Years	227	241	238	212	191	177	200	258	257	268	264	254
Above Normal Water Years	221	240	245	219	229	192	192	228	232	247	251	211
Below Normal Water Years	224	227	225	198	233	192	138	191	209	247	232	271
Dry Water Years	209	216	201	219	216	183	124	158	184	229	195	238
Critical Water Years	173	150	176	174	204	172	87	119	70	70	72	185

Table 5A-B3.4.12.1-E. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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

Table 5A-B3.4.12.1-F. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Difference (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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

Table 5A-B3.4.12.2-A. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	283	274	283	282	255	272	237	283	274	283	283	274
20%	283	274	283	265	255	253	214	283	274	283	283	274
30%	283	274	272	237	245	216	185	273	242	283	283	274
40%	240	274	260	229	234	194	159	225	223	283	278	274
50%	217	274	243	219	221	180	141	193	213	273	252	274
60%	198	244	237	209	216	177	130	172	203	249	208	250
70%	179	199	203	188	208	167	121	161	197	214	181	216
80%	148	144	158	165	198	147	111	141	170	158	152	201
90%	123	109	110	124	139	105	102	119	73	73	77	175

Table 5A-B3.4.12.2-B. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000) (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	214	220	220	208	212	188	157	203	204	227	215	240
Wet Water Years	226	240	238	221	192	178	205	260	260	269	268	257
Above Normal Water Years	221	239	244	219	234	193	201	232	234	259	247	210
Below Normal Water Years	223	231	222	199	226	206	139	195	210	251	230	271
Dry Water Years	207	218	200	214	220	191	123	160	184	228	195	236
Critical Water Years	174	147	181	176	205	175	86	119	72	73	74	185

Table 5A-B3.4.12.2-C. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	19	17	1	0	0	0	0
20%	0	0	0	5	2	27	12	30	23	0	0	0
30%	0	0	1	0	8	16	3	43	15	2	0	0
40%	-7	0	0	1	8	9	0	10	6	14	1	0
50%	-1	0	1	1	5	1	-3	0	1	10	-5	11
60%	2	14	2	3	4	6	1	0	1	9	-8	9
70%	1	9	-5	2	5	2	2	2	0	6	-16	2
80%	2	-4	-8	-5	7	2	0	0	-6	-4	-12	1
90%	-2	19	-7	-6	5	1	1	1	-2	7	13	-8

Table 5A-B3.4.12.2-D. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Difference (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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

Table 5A-B3.4.12.3-A. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	283	274	283	282	255	281	237	283	274	283	283	274
20%	283	274	283	265	255	264	214	283	274	283	283	274
30%	283	274	272	237	252	222	185	277	274	283	283	274
40%	235	274	261	229	237	198	159	237	226	283	281	274
50%	211	274	248	219	225	184	141	200	216	270	246	274
60%	194	250	237	210	216	177	129	173	203	239	207	248
70%	178	199	204	188	207	167	120	160	195	214	180	216
80%	145	148	153	164	198	147	111	141	178	163	151	202
90%	120	109	99	125	125	110	100	118	73	70	74	176

Table 5A-B3.4.12.3-B. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000) (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	212	221	220	208	214	192	156	205	206	226	214	240
Wet Water Years	219	240	237	222	195	182	205	265	260	267	267	257
Above Normal Water Years	222	244	249	219	231	205	202	237	247	257	246	215
Below Normal Water Years	224	232	220	199	228	215	136	195	210	249	228	271
Dry Water Years	208	219	192	215	223	190	123	156	184	226	194	236
Critical Water Years	173	148	189	176	205	168	84	119	73	73	75	185

Table 5A-B3.4.12.3-C. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	29	17	1	0	0	0	0
20%	0	0	0	5	2	38	12	30	23	0	0	0
30%	0	0	1	0	15	23	3	48	47	2	0	0
40%	-12	0	1	1	11	12	0	22	9	14	3	0
50%	-7	0	6	1	9	5	-3	7	4	6	-11	11
60%	-2	21	2	3	4	6	0	0	1	-1	-8	7
70%	0	9	-4	2	4	1	1	0	-2	6	-17	2
80%	-1	0	-13	-6	7	2	0	0	2	1	-14	2
90%	-4	19	-18	-4	-9	6	0	0	-2	4	11	-6

Table 5A-B3.4.12.3-D. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Difference (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-2	4	-3	0	7	11	5	10	8	4	-3	1
Wet Water Years	-7	1	-1	-1	5	8	11	16	12	4	0	2
Above Normal Water Years	-5	7	1	-1	5	13	15	19	15	21	-13	-4
Below Normal Water Years	1	9	-1	-1	0	25	-1	11	9	0	-6	1
Dry Water Years	3	7	-17	7	18	7	0	-1	-2	-3	-3	0
Critical Water Years	1	1	3	-2	8	1	1	-1	5	6	4	4

Table 5A-B3.4.12.4-A. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	283	274	283	283	265	283	253	283	274	283	283	274
20%	283	274	283	283	255	267	216	283	274	283	283	274
30%	283	274	283	282	255	249	192	283	274	283	283	274
40%	235	274	272	252	255	230	166	241	225	279	282	274
50%	214	274	261	242	244	210	139	200	213	265	240	273
60%	195	245	242	229	230	193	128	174	202	228	210	252
70%	179	211	205	212	214	172	121	160	195	210	186	224
80%	148	147	158	179	195	145	108	141	164	156	156	204
90%	123	106	111	123	139	108	97	118	75	71	74	181

Table 5A-B3.4.12.4-B. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000) (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	213	221	225	224	221	202	158	207	205	222	214	243
Wet Water Years	219	240	246	237	195	180	208	268	261	267	268	258
Above Normal Water Years	222	243	256	246	236	225	201	247	247	247	256	222
Below Normal Water Years	224	231	226	213	240	231	142	196	208	245	228	271
Dry Water Years	212	221	194	229	241	218	122	156	178	216	183	242
Critical Water Years	173	149	186	187	210	167	82	119	73	73	75	185

Table 5A-B3.4.12.4-C. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	1	9	30	33	1	0	0	0	0
20%	0	0	0	23	2	41	14	30	23	0	0	0
30%	0	0	12	45	19	49	10	53	47	2	0	0
40%	-12	0	13	24	29	44	7	26	8	10	5	0
50%	-3	0	19	24	28	31	-5	7	1	2	-17	11
60%	-2	16	7	23	18	21	-1	1	0	-13	-5	11
70%	1	22	-3	26	11	7	2	1	-2	2	-11	9
80%	2	0	-8	9	4	0	-3	1	-12	-7	-8	5
90%	-1	15	-5	-7	6	4	-3	0	0	5	11	-1

Table 5A-B3.4.12.4-D. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Difference (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	5	2	16	14	22	7	13	7	0	-3	3
Wet Water Years	-7	1	9	15	5	6	14	20	12	3	1	3
Above Normal Water Years	-4	5	8	27	10	33	14	29	15	11	-3	3
Below Normal Water Years	2	7	4	13	12	41	4	13	6	-4	-6	1
Dry Water Years	7	9	-15	21	36	35	-1	-1	-8	-13	-14	5
Critical Water Years	2	3	0	9	13	1	-1	-1	5	6	3	4

Table 5A-B3.4.12.5-A. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	283	274	283	280	255	281	237	283	274	283	283	274
20%	283	274	283	265	255	264	214	283	274	283	283	274
30%	283	274	272	237	252	223	185	277	274	283	283	274
40%	234	274	261	229	237	198	159	237	226	283	281	274
50%	211	274	248	219	225	184	141	200	216	270	246	274
60%	194	250	237	211	216	177	129	173	203	239	207	248
70%	177	199	202	191	208	167	120	160	195	214	184	216
80%	146	148	153	168	198	152	111	141	178	163	154	202
90%	120	106	99	124	122	110	100	118	73	70	74	173

Table 5A-B3.4.12.5-B. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000) (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	212	221	219	208	213	192	156	205	206	226	214	240
Wet Water Years	219	240	236	221	195	182	205	265	260	267	267	257
Above Normal Water Years	222	244	249	219	231	205	202	237	247	257	246	213
Below Normal Water Years	224	231	220	199	228	215	136	195	210	249	229	271
Dry Water Years	208	219	192	214	223	190	123	156	184	226	194	236
Critical Water Years	172	147	188	181	200	168	84	119	73	73	75	185

Table 5A-B3.4.12.5-C. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	-2	0	29	17	1	0	0	0	0
20%	0	0	0	5	2	38	12	30	23	0	0	0
30%	0	0	1	0	15	23	3	48	47	2	0	0
40%	-12	0	1	1	11	12	0	22	9	14	3	0
50%	-7	0	6	1	9	5	-3	7	4	6	-11	11
60%	-2	21	2	4	4	6	0	0	1	-1	-8	7
70%	-1	9	-5	5	4	1	1	0	-2	6	-14	2
80%	-1	0	-13	-2	7	7	0	0	2	1	-10	2
90%	-4	15	-18	-6	-11	6	0	0	-2	4	10	-9

Table 5A-B3.4.12.5-D. Jones Pumping Plant, Total (inc. North Delta Diversion) Monthly Volumes (C_DMC000), Difference (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-2	4	-3	1	6	11	5	10	8	4	-3	1
Wet Water Years	-7	1	-1	-1	5	8	11	16	12	4	0	2
Above Normal Water Years	-5	7	1	-1	5	13	15	19	15	21	-13	-6
Below Normal Water Years	1	8	-1	-1	0	25	-2	11	9	0	-6	1
Dry Water Years	3	7	-17	6	18	7	0	-1	-2	-3	-3	0
Critical Water Years	1	1	2	3	4	2	1	-1	5	6	3	4

B.4.13 Total CVP Exports

Figure 5A-B3.4.13.1-A. Total CVP Export Monthly Volumes (TotalCVPExp), Probability of Exceedance for Existing Conditions, October to March

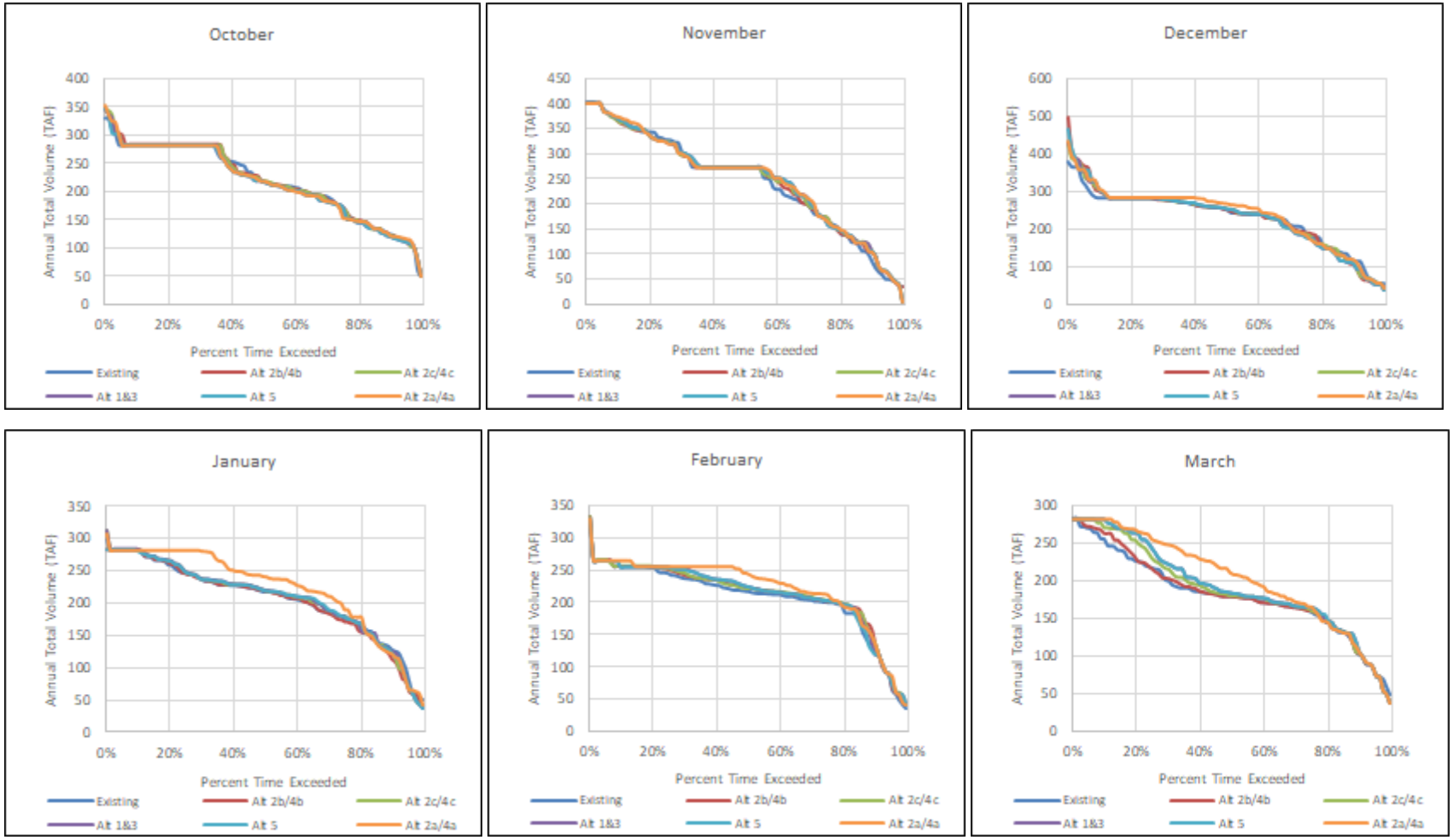


Figure 5A-B3.4.13.1-B. Total CVP Export Monthly Volumes (TotalCVPExp), Probability of Exceedance for Existing Conditions, April to September

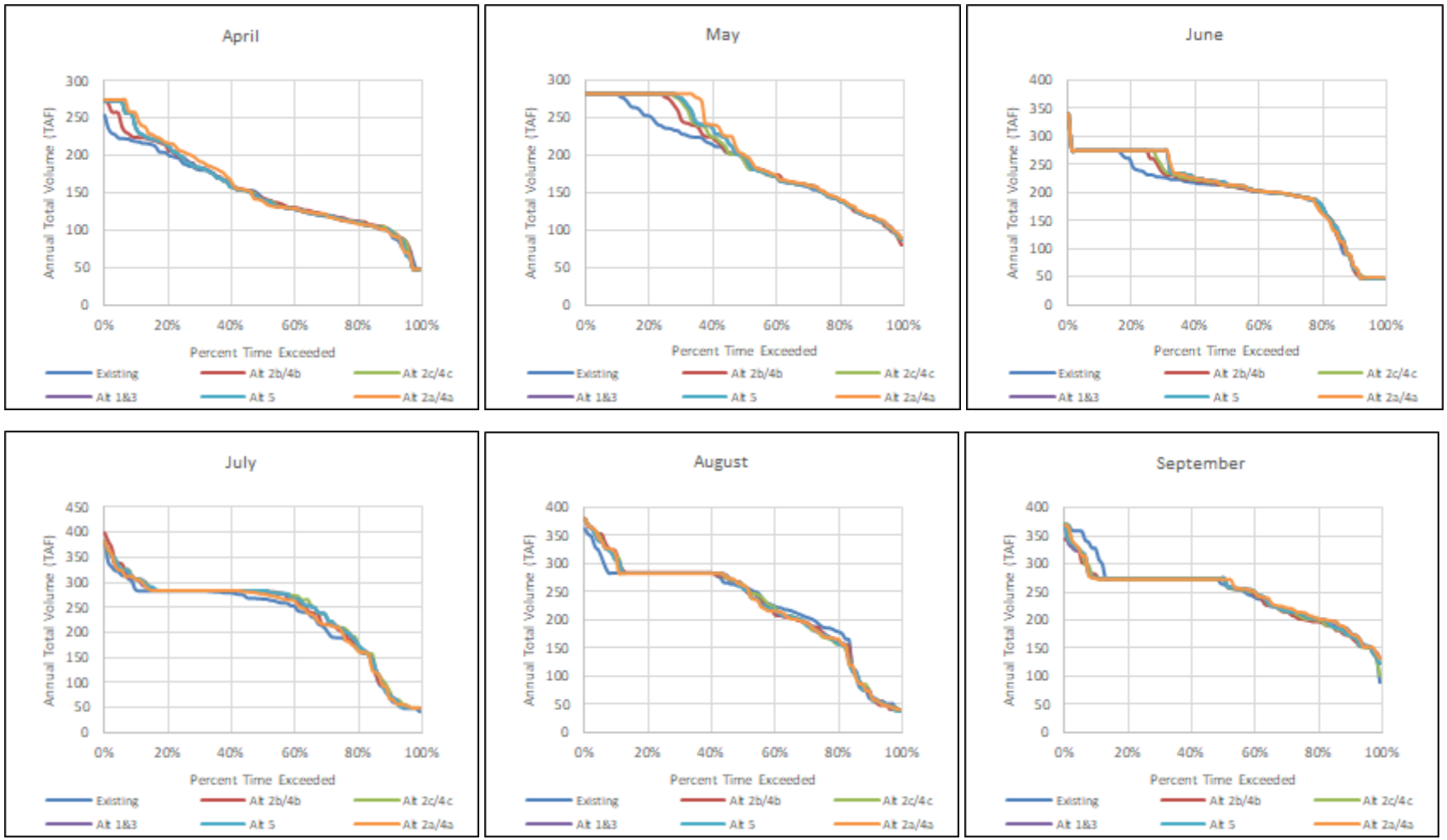


Table 5A-B3.4.13.1-A. Total CVP Export Monthly Volumes (TotalCVPExp), Exceedance Probabilities (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	283	368	283	282	255	253	220	282	274	285	283	322
20%	283	343	283	260	253	226	202	253	250	283	283	274
30%	283	305	281	237	237	200	181	229	226	283	283	274
40%	253	274	264	228	226	185	158	215	217	279	283	274
50%	218	274	251	218	216	179	144	193	212	267	258	264
60%	207	229	239	206	212	171	129	172	201	253	224	241
70%	192	199	212	186	203	165	119	159	197	208	204	215
80%	148	148	166	170	191	145	111	141	176	168	179	200
90%	125	90	116	130	133	104	100	118	75	78	64	183

Table 5A-B3.4.13.1-B. Total CVP Export Monthly Volumes (TotalCVPExp) (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	219	244	230	208	208	180	151	195	199	230	225	249
Wet Water Years	227	259	241	223	193	174	194	249	251	268	267	255
Above Normal Water Years	232	277	266	220	226	192	187	217	232	236	259	219
Below Normal Water Years	223	259	231	200	228	190	138	183	202	252	253	310
Dry Water Years	217	252	216	208	205	183	123	157	186	262	218	236
Critical Water Years	184	152	193	178	197	167	83	120	68	73	72	180

Table 5A-B3.4.13.1-C. Total CVP Export Monthly Volumes (TotalCVPExp), Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	283	365	299	282	255	264	224	283	274	306	315	280
20%	283	336	283	262	254	229	208	283	274	283	283	274
30%	283	298	278	237	242	204	183	248	234	283	283	274
40%	247	274	265	228	234	187	159	223	221	283	283	274
50%	217	274	252	219	222	179	143	194	212	282	260	274
60%	205	248	239	208	215	171	130	173	203	268	212	247
70%	187	199	209	185	206	165	120	160	197	216	196	215
80%	149	144	159	157	197	147	112	141	168	171	163	198
90%	123	105	107	117	142	104	101	118	69	85	72	174

Table 5A-B3.4.13.1-D. Total CVP Export Monthly Volumes (TotalCVPExp) (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	219	247	233	205	213	183	155	201	203	239	226	244
Wet Water Years	228	260	256	212	193	177	200	258	259	280	264	254
Above Normal Water Years	226	281	262	219	229	192	192	228	232	265	251	211
Below Normal Water Years	224	261	233	198	233	192	138	191	209	251	269	289
Dry Water Years	218	256	211	219	216	183	124	158	184	267	211	239
Critical Water Years	187	155	184	174	204	172	87	119	70	76	72	185

Table 5A-B3.4.13.1-E. Total CVP Export Monthly Volumes (TotalCVPExp), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-3	17	0	0	11	4	1	0	21	32	-42
20%	0	-7	0	2	1	3	6	30	23	0	0	0
30%	0	-7	-3	0	5	4	1	19	8	0	0	0
40%	-7	0	1	0	8	1	0	8	4	4	0	0
50%	0	0	0	1	6	0	-1	1	0	16	2	9
60%	-3	19	0	1	4	0	1	1	1	15	-12	6
70%	-4	0	-3	-1	3	-1	1	1	0	8	-9	1
80%	1	-4	-7	-12	5	2	1	0	-9	3	-16	-2
90%	-2	15	-9	-13	9	1	1	0	-5	7	8	-9

Table 5A-B3.4.13.1-F. Total CVP Export Monthly Volumes (TotalCVPExp), Difference (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	2	3	-3	5	2	4	6	4	8	1	-5
Wet Water Years	1	1	15	-10	0	3	6	10	8	12	-3	-1
Above Normal Water Years	-6	4	-4	-1	4	0	6	10	0	28	-8	-7
Below Normal Water Years	1	2	2	-2	5	2	0	8	7	-2	16	-20
Dry Water Years	1	3	-5	11	11	0	1	1	-2	5	-7	2
Critical Water Years	3	3	-10	-4	7	5	4	-1	2	3	0	4

Table 5A-B3.4.13.2-A. Total CVP Export Monthly Volumes (TotalCVPExp), Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	283	366	304	282	255	272	237	283	274	306	309	275
20%	283	337	283	265	255	253	214	283	274	283	283	274
30%	283	298	278	237	245	216	185	273	242	283	283	274
40%	246	274	266	229	234	194	159	225	223	283	283	274
50%	219	274	254	219	221	180	141	193	213	283	262	274
60%	203	247	239	209	216	177	130	172	203	273	222	250
70%	185	199	203	188	208	167	121	161	197	235	193	216
80%	148	147	160	165	198	147	111	141	170	181	157	201
90%	123	109	110	124	139	105	102	119	73	87	77	175

Table 5A-B3.4.13.2-B. Total CVP Export Monthly Volumes (TotalCVPExp) (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	219	248	231	208	213	188	157	203	205	241	226	245
Wet Water Years	228	260	253	222	195	178	205	260	262	278	268	257
Above Normal Water Years	224	281	258	219	234	193	201	232	234	277	247	210
Below Normal Water Years	224	266	232	199	226	206	139	195	210	254	265	291
Dry Water Years	217	258	210	214	220	191	123	160	184	266	210	239
Critical Water Years	191	153	186	176	205	175	86	119	72	80	74	185

Table 5A-B3.4.13.2-C. Total CVP Export Monthly Volumes (TotalCVPExp), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	-2	21	0	0	19	17	1	0	21	26	-47
20%	0	-6	0	5	2	27	12	30	23	0	0	0
30%	0	-7	-3	0	8	16	3	43	15	0	0	0
40%	-8	0	2	1	8	9	0	10	6	4	0	0
50%	1	0	3	1	5	1	-3	0	1	16	4	9
60%	-4	17	0	3	4	6	1	0	1	20	-2	9
70%	-6	0	-9	2	5	2	2	2	0	27	-12	2
80%	1	-1	-7	-5	7	2	0	0	-6	12	-22	1
90%	-2	19	-7	-6	5	1	1	1	-2	8	13	-8

Table 5A-B3.4.13.2-D. Total CVP Export Monthly Volumes (TotalCVPExp), Difference (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	3	1	0	5	8	6	8	6	11	1	-4
Wet Water Years	1	1	12	-1	2	4	11	12	11	10	2	2
Above Normal Water Years	-8	4	-8	-1	9	1	15	14	2	41	-13	-9
Below Normal Water Years	1	6	2	-2	-2	16	1	12	8	2	13	-19
Dry Water Years	0	6	-6	7	15	8	0	3	-2	4	-8	3
Critical Water Years	7	1	-7	-2	8	9	3	-1	4	7	2	4

Table 5A-B3.4.13.3-A. Total CVP Export Monthly Volumes (TotalCVPExp), Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	283	371	304	282	255	281	237	283	274	305	305	275
20%	283	338	283	265	255	264	214	283	274	283	283	274
30%	283	303	279	237	252	222	185	277	274	283	283	274
40%	239	274	269	229	237	198	159	237	226	283	283	274
50%	218	274	254	219	225	184	141	200	216	283	257	274
60%	201	252	239	210	216	177	129	173	203	267	215	251
70%	182	211	204	188	207	167	120	160	195	235	193	216
80%	145	148	153	164	198	147	111	141	178	179	161	202
90%	120	109	110	125	125	110	100	118	73	78	74	176

Table 5A-B3.4.13.3-B. Total CVP Export Monthly Volumes (TotalCVPExp) (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	217	249	231	208	214	192	156	205	207	239	225	245
Wet Water Years	220	259	252	222	198	182	205	265	262	276	267	257
Above Normal Water Years	224	289	267	219	231	205	202	237	247	275	246	215
Below Normal Water Years	224	267	230	199	228	215	136	195	210	253	262	289
Dry Water Years	219	259	201	215	223	190	123	156	184	264	210	236
Critical Water Years	189	154	193	176	205	168	84	119	73	79	75	185

Table 5A-B3.4.13.3-C. Total CVP Export Monthly Volumes (TotalCVPExp), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	3	21	0	0	29	17	1	0	20	22	-47
20%	0	-5	0	5	2	38	12	30	23	0	0	0
30%	0	-2	-2	0	15	23	3	48	47	0	0	0
40%	-14	0	5	1	11	12	0	22	9	4	0	0
50%	0	0	3	1	9	5	-3	7	4	16	-1	9
60%	-6	23	0	3	4	6	0	0	1	14	-9	9
70%	-9	12	-8	2	4	1	1	0	-2	27	-12	2
80%	-2	0	-13	-6	7	2	0	0	2	11	-18	2
90%	-4	19	-7	-4	-9	6	0	0	-2	-1	11	-6

Table 5A-B3.4.13.3-D. Total CVP Export Monthly Volumes (TotalCVPExp), Difference (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-2	5	1	0	7	11	5	10	8	9	0	-4
Wet Water Years	-7	0	11	0	5	8	11	16	12	8	0	2
Above Normal Water Years	-8	12	1	-1	5	13	15	19	15	39	-13	-4
Below Normal Water Years	1	7	-1	-1	0	25	-1	11	9	1	10	-20
Dry Water Years	2	7	-15	7	18	7	0	-1	-2	2	-8	0
Critical Water Years	5	2	0	-2	8	1	1	-1	5	7	4	4

Table 5A-B3.4.13.4-A. Total CVP Export Monthly Volumes (TotalCVPExp), Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	283	375	305	283	265	283	253	283	274	305	308	275
20%	283	338	283	283	255	267	216	283	274	283	283	274
30%	283	302	283	282	255	249	192	283	274	283	283	274
40%	240	274	282	252	255	230	166	241	225	283	283	274
50%	219	274	266	242	244	210	139	200	213	276	262	274
60%	201	253	253	229	230	193	128	174	202	263	216	252
70%	184	212	209	212	214	172	121	160	195	215	196	224
80%	148	152	158	179	195	145	108	141	164	167	166	204
90%	123	106	117	123	139	108	97	118	75	75	74	181

Table 5A-B3.4.13.4-B. Total CVP Export Monthly Volumes (TotalCVPExp) (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	218	250	236	224	221	202	158	207	205	235	225	248
Wet Water Years	221	260	260	238	197	180	208	268	263	276	268	258
Above Normal Water Years	224	287	273	246	236	225	201	247	247	265	256	222
Below Normal Water Years	225	266	236	213	240	231	142	196	208	249	264	293
Dry Water Years	223	262	205	229	241	218	122	156	178	255	200	243
Critical Water Years	190	156	190	187	210	167	82	119	73	79	75	185

Table 5A-B3.4.13.4-C. Total CVP Export Monthly Volumes (TotalCVPExp), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	7	22	1	9	30	33	1	0	21	25	-48
20%	0	-5	0	23	2	41	14	30	23	0	0	0
30%	0	-4	2	45	19	49	10	53	47	0	0	0
40%	-13	0	18	24	29	44	7	26	8	4	0	0
50%	1	0	15	24	28	31	-5	7	1	9	4	9
60%	-6	23	13	23	18	21	-1	1	0	10	-8	11
70%	-8	14	-3	26	11	7	2	1	-2	7	-9	9
80%	0	4	-8	9	4	0	-3	1	-12	-1	-13	5
90%	-1	15	0	-7	6	4	-3	0	0	-3	11	-1

Table 5A-B3.4.13.4-D. Total CVP Export Monthly Volumes (TotalCVPExp), Difference (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	5	6	16	14	22	7	13	7	5	0	-1
Wet Water Years	-6	1	19	15	5	6	14	20	12	8	1	3
Above Normal Water Years	-8	10	7	27	10	33	14	29	15	28	-3	3
Below Normal Water Years	2	7	5	13	12	41	4	13	6	-3	12	-17
Dry Water Years	6	10	-11	21	36	35	-1	-1	-8	-7	-18	7
Critical Water Years	5	3	-3	9	13	1	-1	-1	5	7	3	4

Table 5A-B3.4.13.5-A. Total CVP Export Monthly Volumes (TotalCVPExp), Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	283	371	304	280	255	281	237	283	274	306	305	275
20%	283	338	283	265	255	264	214	283	274	283	283	274
30%	283	304	279	237	252	223	185	277	274	283	283	274
40%	240	274	269	229	237	198	159	237	226	283	283	274
50%	218	274	254	219	225	184	141	200	216	283	257	274
60%	201	253	239	211	216	177	129	173	203	267	218	251
70%	182	211	202	191	208	167	120	160	195	235	193	216
80%	146	148	153	168	198	152	111	141	178	179	160	202
90%	120	106	110	124	122	110	100	118	73	78	74	173

Table 5A-B3.4.13.5-B. Total CVP Export Monthly Volumes (TotalCVPExp) (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	216	249	232	208	214	192	156	205	207	240	225	245
Wet Water Years	221	259	253	221	198	182	205	265	262	276	267	257
Above Normal Water Years	224	289	267	219	231	205	202	237	247	281	246	213
Below Normal Water Years	224	266	231	199	228	215	136	195	210	253	264	291
Dry Water Years	219	259	201	214	223	190	123	156	184	264	210	237
Critical Water Years	186	154	193	181	200	168	84	119	73	79	75	185

Table 5A-B3.4.13.5-C. Total CVP Export Monthly Volumes (TotalCVPExp), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	3	21	-2	0	29	17	1	0	21	22	-47
20%	0	-5	0	5	2	38	12	30	23	0	0	0
30%	0	-2	-2	0	15	23	3	48	47	0	0	0
40%	-14	0	5	1	11	12	0	22	9	4	0	0
50%	0	0	3	1	9	5	-3	7	4	16	-1	9
60%	-6	23	0	4	4	6	0	0	1	14	-6	9
70%	-9	12	-9	5	4	1	1	0	-2	27	-12	2
80%	-2	0	-13	-2	7	7	0	0	2	11	-18	2
90%	-4	15	-7	-6	-11	6	0	0	-2	-1	10	-9

Table 5A-B3.4.13.5-D. Total CVP Export Monthly Volumes (TotalCVPExp), Difference (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-2	4	1	0	6	11	5	10	8	10	0	-4
Wet Water Years	-6	0	12	-2	5	8	11	16	12	8	0	2
Above Normal Water Years	-8	12	1	-1	5	13	15	19	15	45	-13	-6
Below Normal Water Years	1	6	1	-1	0	25	-2	11	9	1	11	-19
Dry Water Years	2	7	-15	6	18	7	0	-1	-2	2	-8	0
Critical Water Years	1	1	0	3	4	2	1	-1	5	6	3	4

B.4.14 Barker Slough Pumping Plant – Total

Figure 5A-B3.4.14.1-A. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Probability of Exceedance for Existing Conditions, October to March

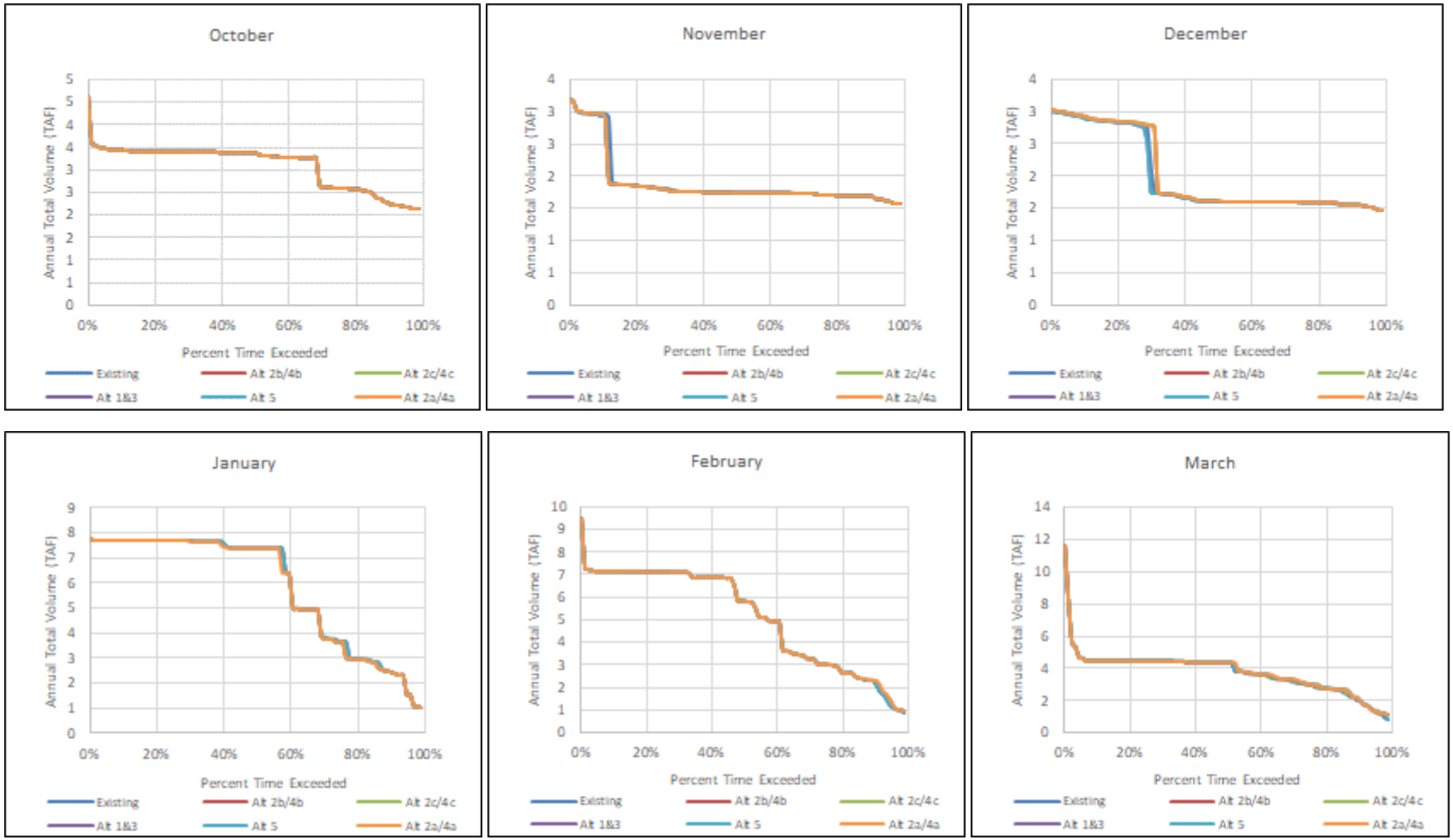


Figure 5A-B3.4.14.1-B. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Probability of Exceedance for Existing Conditions, April to September

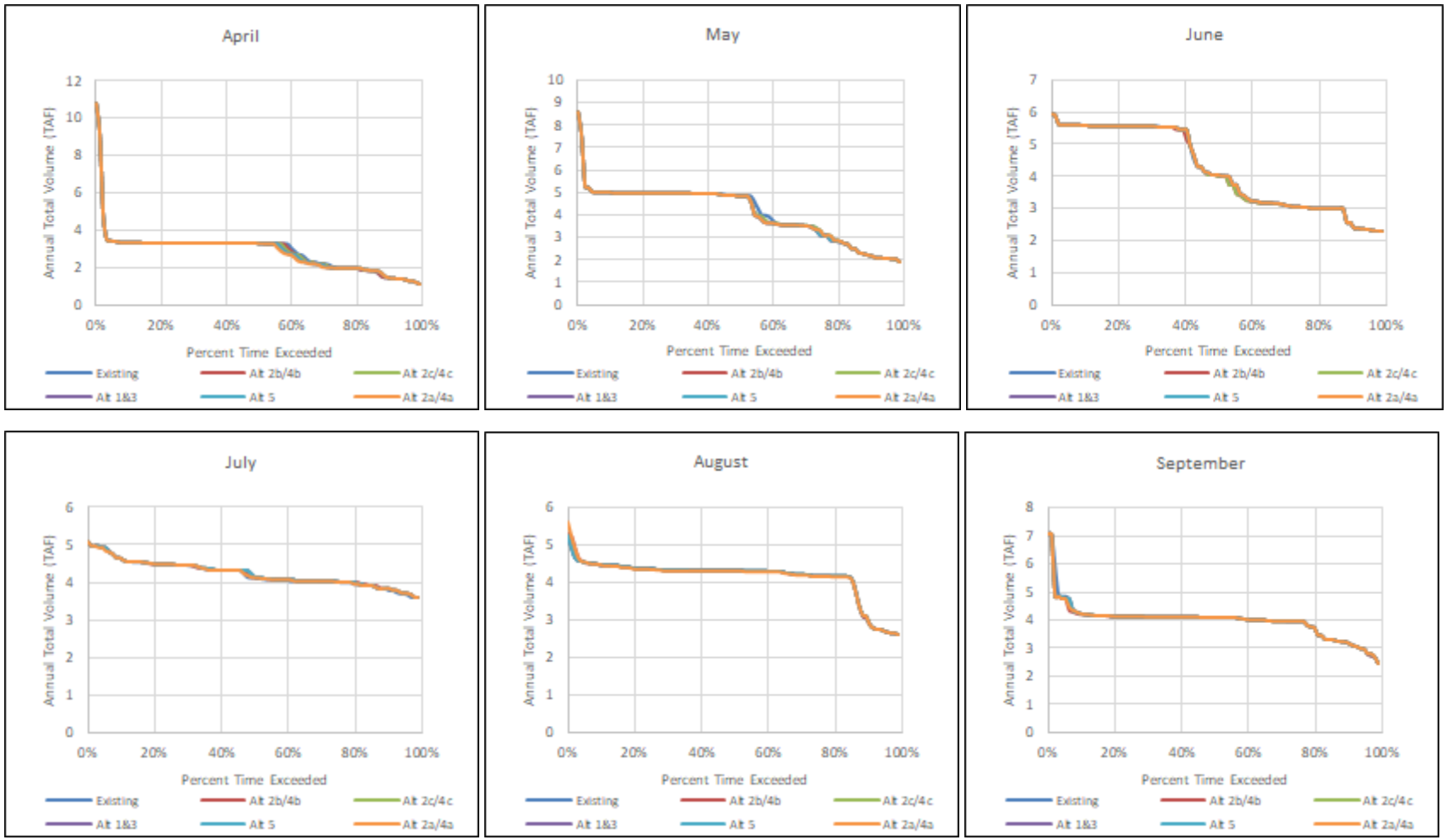


Table 5A-B3.4.14.1-A. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Exceedance Probabilities (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	3	3	8	7	4	3	5	6	5	4	4
20%	3	2	3	8	7	4	3	5	6	4	4	4
30%	3	2	2	8	7	4	3	5	6	4	4	4
40%	3	2	2	8	7	4	3	5	5	4	4	4
50%	3	2	2	7	6	4	3	5	4	4	4	4
60%	3	2	2	6	5	4	3	4	3	4	4	4
70%	3	2	2	4	3	3	2	4	3	4	4	4
80%	3	2	2	3	3	3	2	3	3	4	4	4
90%	2	2	2	2	2	2	1	2	3	4	3	3

Table 5A-B3.4.14.1-B. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009) (thousand acre-feet), Existing Condition

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

Table 5A-B3.4.14.1-C. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	3	3	8	7	4	3	5	6	5	4	4
20%	3	2	3	8	7	4	3	5	6	4	4	4
30%	3	2	3	8	7	4	3	5	6	4	4	4
40%	3	2	2	8	7	4	3	5	5	4	4	4
50%	3	2	2	7	6	4	3	5	4	4	4	4
60%	3	2	2	6	5	4	3	4	3	4	4	4
70%	3	2	2	4	3	3	2	4	3	4	4	4
80%	3	2	2	3	3	3	2	3	3	4	4	4
90%	2	2	2	2	2	2	1	2	3	4	3	3

Table 5A-B3.4.14.1-D. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009) (thousand acre-feet), Alternative 2b/4b (2020)

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

Table 5A-B3.4.14.1-E. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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	1	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-B3.4.14.1-F. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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-B3.4.14.2-A. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	3	3	8	7	4	3	5	6	5	4	4
20%	3	2	3	8	7	4	3	5	6	4	4	4
30%	3	2	3	8	7	4	3	5	6	4	4	4
40%	3	2	2	8	7	4	3	5	5	4	4	4
50%	3	2	2	7	6	4	3	5	4	4	4	4
60%	3	2	2	6	5	4	3	4	3	4	4	4
70%	3	2	2	4	3	3	2	4	3	4	4	4
80%	3	2	2	3	3	3	2	3	3	4	4	4
90%	2	2	2	2	2	2	2	2	3	4	3	3

Table 5A-B3.4.14.2-B. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009) (thousand acre-feet), Alternative 2c/4c (2020)

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

Table 5A-B3.4.14.2-C. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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	1	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-B3.4.14.2-D. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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-B3.4.14.3-A. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	3	3	8	7	4	3	5	6	5	4	4
20%	3	2	3	8	7	4	3	5	6	4	4	4
30%	3	2	2	8	7	4	3	5	6	4	4	4
40%	3	2	2	8	7	4	3	5	5	4	4	4
50%	3	2	2	7	6	4	3	5	4	4	4	4
60%	3	2	2	6	5	4	3	4	3	4	4	4
70%	3	2	2	4	3	3	2	4	3	4	4	4
80%	3	2	2	3	3	3	2	3	3	4	4	4
90%	2	2	2	2	2	2	2	2	3	4	3	3

Table 5A-B3.4.14.3-B. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009) (thousand acre-feet), Alternative 1/3 (2020)

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

Table 5A-B3.4.14.3-C. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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-B3.4.14.3-D. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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-B3.4.14.4-A. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	3	3	8	7	4	3	5	6	5	4	4
20%	3	2	3	8	7	4	3	5	6	4	4	4
30%	3	2	3	8	7	4	3	5	6	4	4	4
40%	3	2	2	7	7	4	3	5	5	4	4	4
50%	3	2	2	7	6	4	3	5	4	4	4	4
60%	3	2	2	6	5	4	3	4	3	4	4	4
70%	3	2	2	4	3	3	2	4	3	4	4	4
80%	3	2	2	3	3	3	2	3	3	4	4	4
90%	2	2	2	2	2	2	2	2	3	4	3	3

Table 5A-B3.4.14.4-B. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009) (thousand acre-feet), Alternative 2a/4a (2020)

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

Table 5A-B3.4.14.4-C. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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	1	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-B3.4.14.4-D. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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-B3.4.14.5-A. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	3	3	3	8	7	4	3	5	6	5	4	4
20%	3	2	3	8	7	4	3	5	6	4	4	4
30%	3	2	2	8	7	4	3	5	6	4	4	4
40%	3	2	2	8	7	4	3	5	5	4	4	4
50%	3	2	2	7	6	4	3	5	4	4	4	4
60%	3	2	2	6	5	4	3	4	3	4	4	4
70%	3	2	2	4	3	3	2	4	3	4	4	4
80%	3	2	2	3	3	3	2	3	3	4	4	4
90%	2	2	2	2	2	2	2	2	3	4	3	3

Table 5A-B3.4.14.5-B. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009) (thousand acre-feet), Alternative 5 (2020)

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

Table 5A-B3.4.14.5-C. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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-B3.4.14.5-D. Barker Slough Pumping Plant -Total Monthly Volumes (D_BKR004_NBA009), Difference (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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-B3.4.15.1-A. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Probability of Exceedance for Existing Conditions, October to March

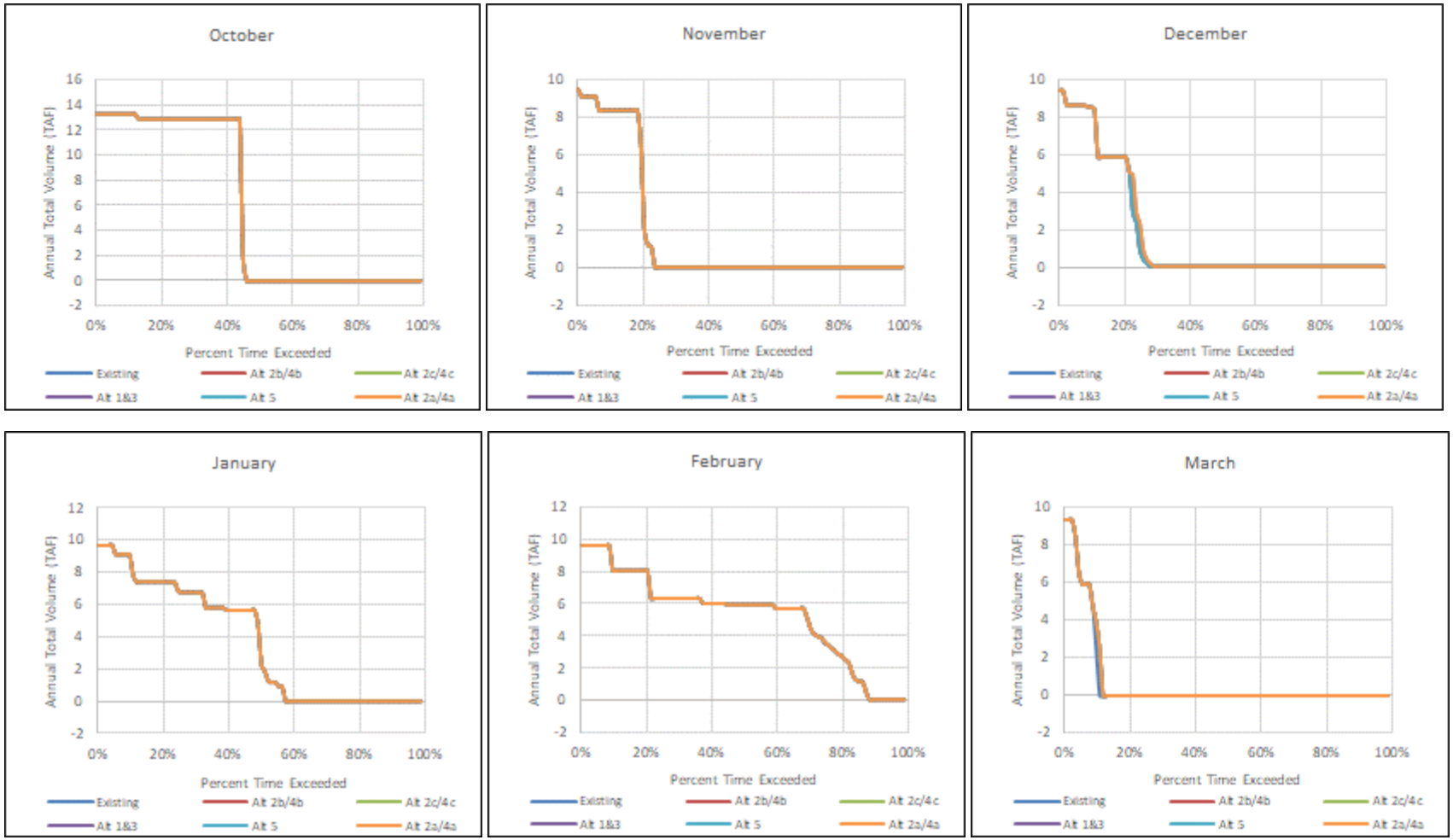


Figure 5A-B3.4.15.1-B. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Probability of Exceedance for Existing Conditions, April to September

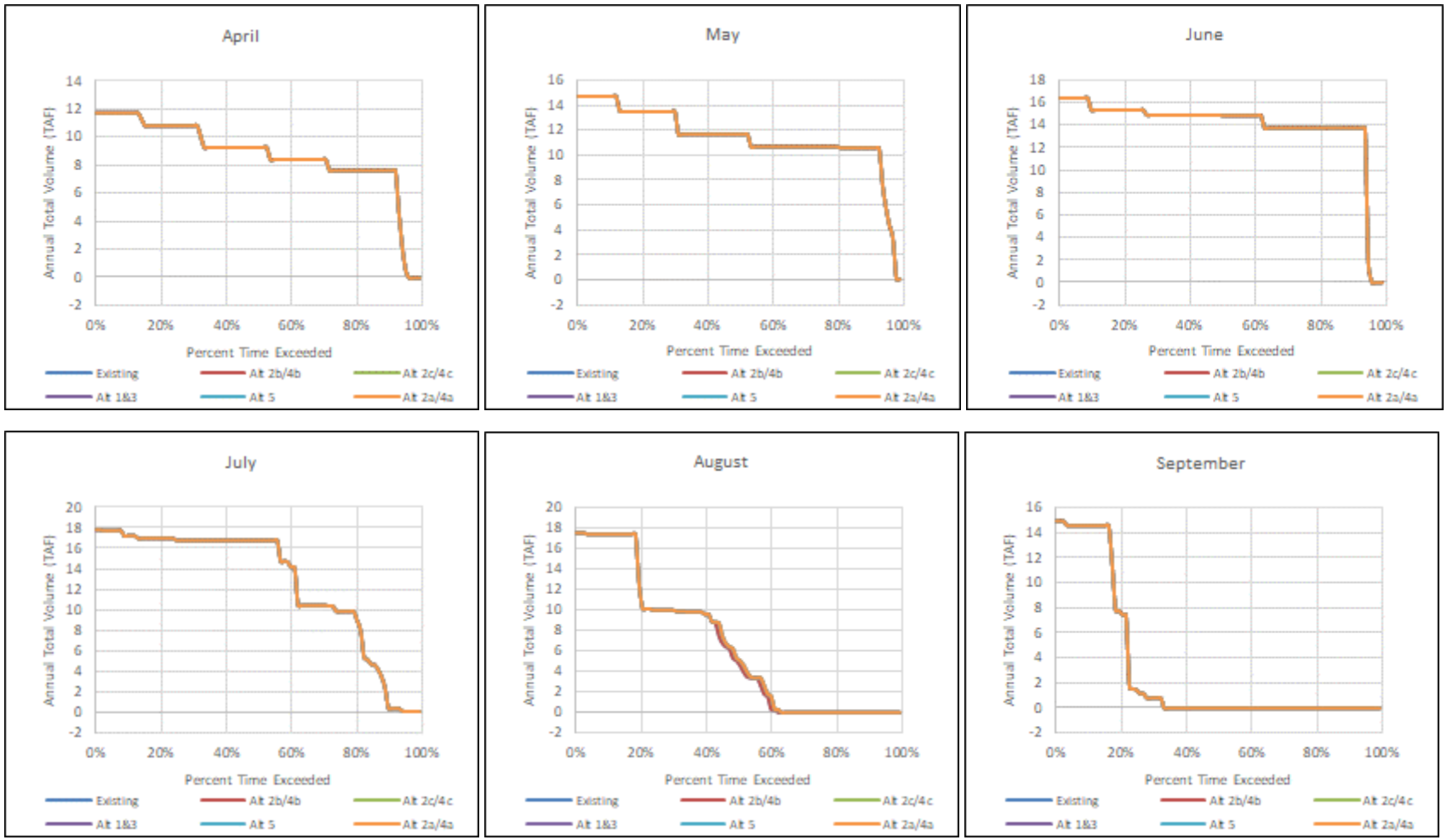


Table 5A-B3.4.15.1-A. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Exceedance Probabilities (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	8	9	9	8	2	12	15	15	17	17	15
20%	13	4	6	7	8	0	11	14	15	17	11	8
30%	13	0	0	7	6	0	11	14	15	17	10	1
40%	13	0	0	6	6	0	9	12	15	17	10	0
50%	0	0	0	4	6	0	9	12	15	17	5	0
60%	0	0	0	0	6	0	8	11	15	14	1	0
70%	0	0	0	0	5	0	8	11	14	10	0	0
80%	0	0	0	0	3	0	8	11	14	9	0	0
90%	0	0	0	0	0	0	8	11	14	1	0	0

Table 5A-B3.4.15.1-B. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS) (thousand acre-feet), Existing Condition

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

Table 5A-B3.4.15.1-C. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	8	9	9	8	4	12	15	15	17	17	15
20%	13	4	6	7	8	0	11	14	15	17	11	8
30%	13	0	0	7	6	0	11	14	15	17	10	1
40%	13	0	0	6	6	0	9	12	15	17	10	0
50%	0	0	0	4	6	0	9	12	15	17	5	0
60%	0	0	0	0	6	0	8	11	15	14	1	0
70%	0	0	0	0	5	0	8	11	14	10	0	0
80%	0	0	0	0	3	0	8	11	14	9	0	0
90%	0	0	0	0	0	0	8	11	14	1	0	0

Table 5A-B3.4.15.1-D. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS) (thousand acre-feet), Alternative 2b/4b (2020)

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

Table 5A-B3.4.15.1-E. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	2	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-B3.4.15.1-F. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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-B3.4.15.2-A. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	8	9	9	8	3	12	15	15	17	17	15
20%	13	4	6	7	8	0	11	14	15	17	11	8
30%	13	0	0	7	6	0	11	14	15	17	10	1
40%	13	0	0	6	6	0	9	12	15	17	10	0
50%	0	0	0	4	6	0	9	12	15	17	5	0
60%	0	0	0	0	6	0	8	11	15	14	2	0
70%	0	0	0	0	5	0	8	11	14	10	0	0
80%	0	0	0	0	3	0	8	11	14	9	0	0
90%	0	0	0	0	0	0	8	11	14	1	0	0

Table 5A-B3.4.15.2-B. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS) (thousand acre-feet), Alternative 2c/4c (2020)

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

Table 5A-B3.4.15.2-C. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	2	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-B3.4.15.2-D. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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-B3.4.15.3-A. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	8	9	9	8	3	12	15	15	17	17	15
20%	13	4	6	7	8	0	11	14	15	17	11	8
30%	13	0	0	7	6	0	11	14	15	17	10	1
40%	13	0	0	6	6	0	9	12	15	17	10	0
50%	0	0	0	4	6	0	9	12	15	17	5	0
60%	0	0	0	0	6	0	8	11	15	14	2	0
70%	0	0	0	0	5	0	8	11	14	10	0	0
80%	0	0	0	0	3	0	8	11	14	9	0	0
90%	0	0	0	0	0	0	8	11	14	1	0	0

Table 5A-B3.4.15.3-B. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS) (thousand acre-feet), Alternative 1/3 (2020)

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

Table 5A-B3.4.15.3-C. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	2	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-B3.4.15.3-D. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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-B3.4.15.4-A. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	8	9	9	8	3	12	15	15	17	17	15
20%	13	4	6	7	8	0	11	14	15	17	11	8
30%	13	0	0	7	6	0	11	14	15	17	10	1
40%	13	0	0	6	6	0	9	12	15	17	10	0
50%	0	0	0	4	6	0	9	12	15	17	5	0
60%	0	0	0	0	6	0	8	11	15	14	2	0
70%	0	0	0	0	5	0	8	11	14	10	0	0
80%	0	0	0	0	3	0	8	11	14	9	0	0
90%	0	0	0	0	0	0	8	11	14	1	0	0

Table 5A-B3.4.15.4-B. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS) (thousand acre-feet), Alternative 2a/4a (2020)

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

Table 5A-B3.4.15.4-C. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	2	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-B3.4.15.4-D. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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-B3.4.15.5-A. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	13	8	9	9	8	3	12	15	15	17	17	15
20%	13	4	6	7	8	0	11	14	15	17	11	8
30%	13	0	0	7	6	0	11	14	15	17	10	1
40%	13	0	0	6	6	0	9	12	15	17	10	0
50%	0	0	0	4	6	0	9	12	15	17	5	0
60%	0	0	0	0	6	0	8	11	15	14	2	0
70%	0	0	0	0	5	0	8	11	14	10	0	0
80%	0	0	0	0	3	0	8	11	14	9	0	0
90%	0	0	0	0	0	0	8	11	14	1	0	0

Table 5A-B3.4.15.5-B. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS) (thousand acre-feet), Alternative 5 (2020)

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

Table 5A-B3.4.15.5-C. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	0	0	2	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-B3.4.15.5-D. Contra Costa Canal PP No. 1 (Rock Slough intake) Monthly Volumes (D408_RS), Difference (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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-B3.4.16.1-A. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Probability of Exceedance for Existing Conditions, October to March

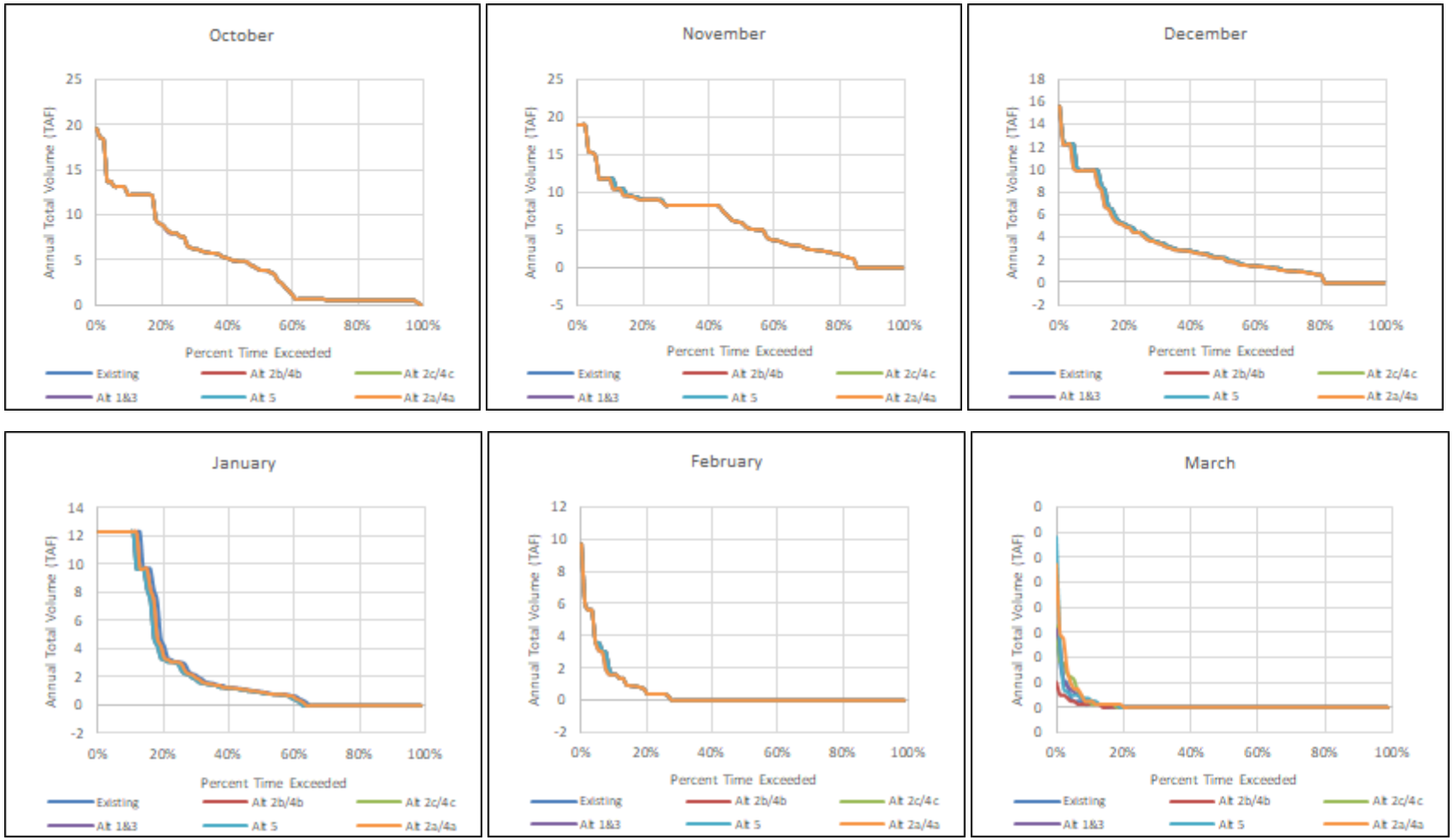


Figure 5A-B3.4.16.1-B. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Probability of Exceedance for Existing Conditions, April to September

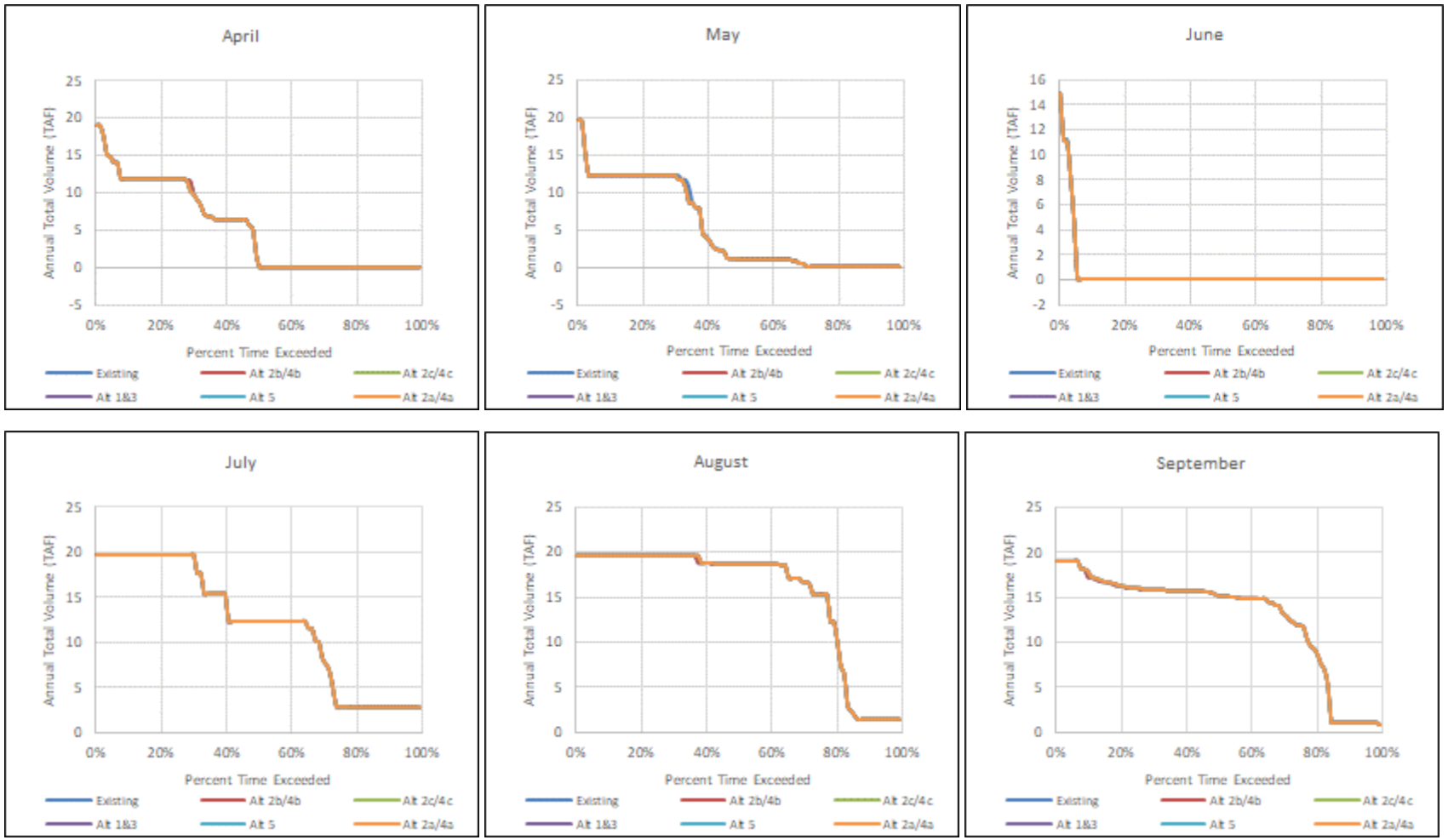


Table 5A-B3.4.16.1-A. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Exceedance Probabilities (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12	11	10	12	2	0	12	12	0	20	20	17
20%	9	9	5	4	1	0	12	12	0	20	20	16
30%	6	8	4	2	0	0	10	12	0	20	20	16
40%	5	8	3	1	0	0	6	4	0	15	19	16
50%	4	6	2	1	0	0	1	1	0	12	19	15
60%	1	4	1	1	0	0	0	1	0	12	19	15
70%	1	3	1	0	0	0	0	0	0	8	17	13
80%	0	2	1	0	0	0	0	0	0	3	11	9
90%	0	0	0	0	0	0	0	0	0	3	1	1

Table 5A-B3.4.16.1-B. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC) (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	6	3	3	1	0	5	5	1	12	15	13
Wet Water Years	5	6	3	3	0	0	10	6	0	5	10	10
Above Normal Water Years	6	8	3	4	0	0	2	8	0	10	15	14
Below Normal Water Years	4	6	3	3	0	0	5	7	0	18	19	16
Dry Water Years	5	6	3	1	0	0	3	5	0	18	19	14
Critical Water Years	6	4	4	4	2	0	1	0	4	13	16	12

Table 5A-B3.4.16.1-C. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12	12	10	12	2	0	12	12	0	20	20	17
20%	9	9	5	4	1	0	12	12	0	20	20	16
30%	6	8	4	2	0	0	10	12	0	20	20	16
40%	5	8	3	1	0	0	6	4	0	15	19	16
50%	4	6	2	1	0	0	1	1	0	12	19	15
60%	1	4	2	1	0	0	0	1	0	12	19	15
70%	1	3	1	0	0	0	0	0	0	8	17	13
80%	0	2	1	0	0	0	0	0	0	3	11	9
90%	0	0	0	0	0	0	0	0	0	3	1	1

Table 5A-B3.4.16.1-D. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC) (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	6	3	3	1	0	5	5	1	12	15	13
Wet Water Years	5	6	3	3	0	0	10	6	0	5	10	10
Above Normal Water Years	6	9	4	4	0	0	2	8	0	10	15	14
Below Normal Water Years	4	6	3	3	0	0	5	7	0	18	19	16
Dry Water Years	5	6	3	1	0	0	3	4	0	18	19	14
Critical Water Years	6	4	4	4	2	0	1	0	4	13	16	12

Table 5A-B3.4.16.1-E. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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-B3.4.16.1-F. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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	1	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	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.4.16.2-A. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020)

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

Table 5A-B3.4.16.2-B. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC) (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	6	3	3	1	0	5	5	1	12	15	13
Wet Water Years	5	6	3	3	0	0	10	6	0	5	10	10
Above Normal Water Years	6	9	4	4	0	0	2	8	0	10	15	14
Below Normal Water Years	4	6	3	2	0	0	5	7	0	18	19	16
Dry Water Years	5	6	3	1	0	0	3	4	0	18	19	14
Critical Water Years	6	4	4	4	2	0	1	0	4	13	16	12

Table 5A-B3.4.16.2-C. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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-B3.4.16.2-D. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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	1	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	-1	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	-1	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.4.16.3-A. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020)

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

Table 5A-B3.4.16.3-B. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC) (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	6	3	3	1	0	5	5	1	12	15	13
Wet Water Years	5	6	3	3	0	0	10	6	0	5	10	10
Above Normal Water Years	6	9	4	4	0	0	2	8	0	10	15	14
Below Normal Water Years	4	6	3	2	0	0	5	7	0	18	19	16
Dry Water Years	5	6	3	1	0	0	3	4	0	18	19	14
Critical Water Years	6	4	4	4	2	0	1	0	4	13	16	12

Table 5A-B3.4.16.3-C. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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-B3.4.16.3-D. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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	1	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	-1	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	-1	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.4.16.4-A. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020)

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

Table 5A-B3.4.16.4-B. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC) (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	6	3	3	1	0	5	5	1	12	15	13
Wet Water Years	5	6	3	3	0	0	10	6	0	5	10	10
Above Normal Water Years	6	8	3	4	0	0	2	8	0	10	15	14
Below Normal Water Years	4	6	3	2	0	0	5	7	0	18	19	16
Dry Water Years	5	6	3	1	0	0	3	4	0	18	19	14
Critical Water Years	6	4	4	4	2	0	1	0	4	13	16	12

Table 5A-B3.4.16.4-C. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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-B3.4.16.4-D. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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	-1	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	-1	0	0	0	0
Critical Water Years	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.4.16.5-A. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020)

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

Table 5A-B3.4.16.5-B. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC) (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	5	6	3	3	1	0	5	5	1	12	15	13
Wet Water Years	5	6	3	3	0	0	10	6	0	5	10	10
Above Normal Water Years	6	9	4	4	0	0	2	8	0	10	15	14
Below Normal Water Years	4	6	3	2	0	0	5	7	0	18	19	16
Dry Water Years	5	6	3	1	0	0	3	4	0	18	19	14
Critical Water Years	6	4	4	4	2	0	1	0	4	13	16	12

Table 5A-B3.4.16.5-C. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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-B3.4.16.5-D. Contra Costa WD Old River and Victoria Canal intakes Monthly Volumes (C_OR_VC), Difference (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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	1	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	-1	0	0	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	0	0	-1	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-B3.4.17.1-A. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Probability of Exceedance for Existing Conditions, October to March

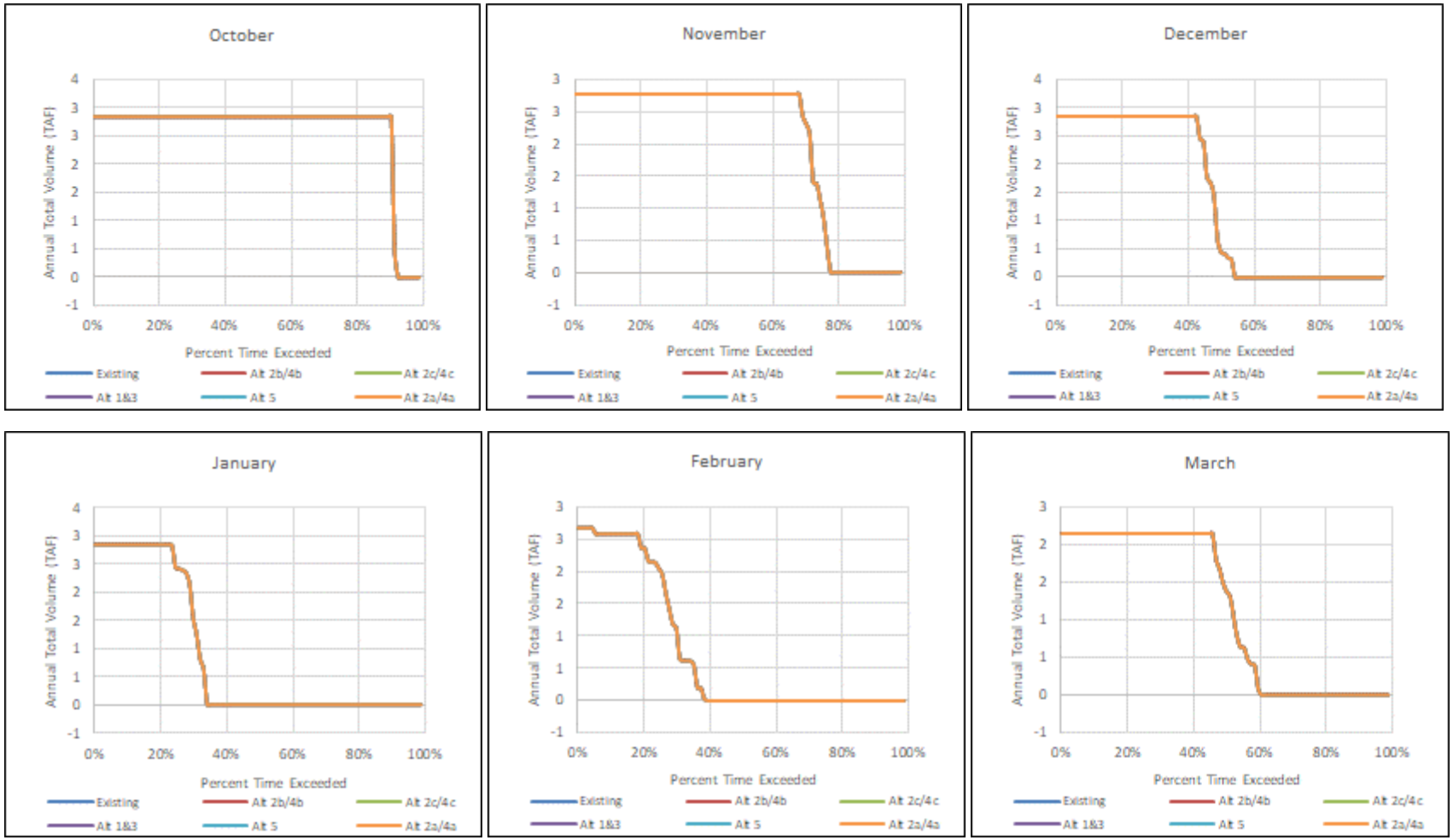


Figure 5A-B3.4.17.1-B. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Probability of Exceedance for Existing Conditions, April to September

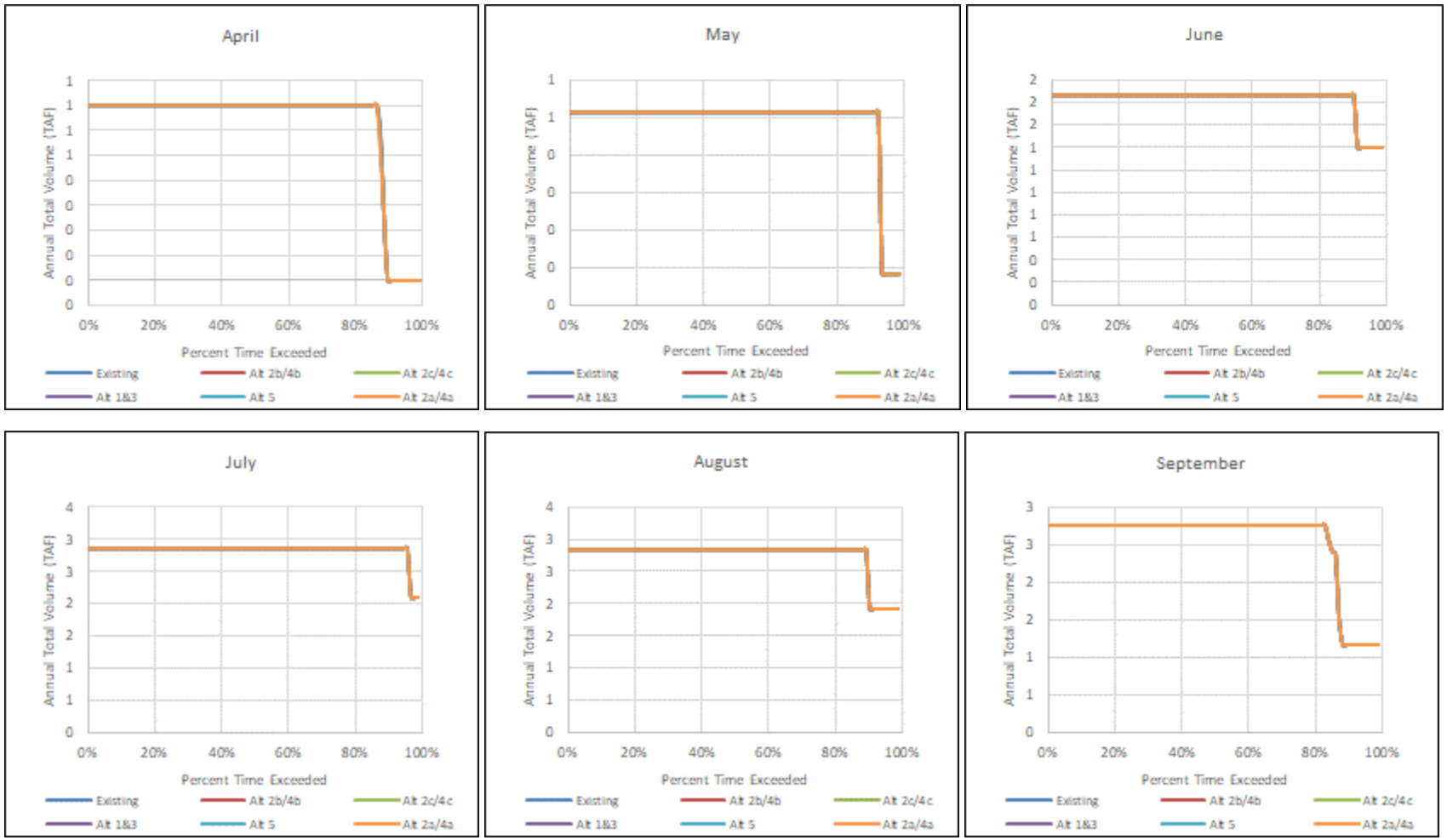


Table 5A-B3.4.17.1-A. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Exceedance Probabilities (thousand acre-feet), Existing Condition

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	2	2	1	1	2	3	3	3
30%	3	3	3	2	1	2	1	1	2	3	3	3
40%	3	3	3	0	0	2	1	1	2	3	3	3
50%	3	3	1	0	0	1	1	1	2	3	3	3
60%	3	3	0	0	0	0	1	1	2	3	3	3
70%	3	2	0	0	0	0	1	1	2	3	3	3
80%	3	0	0	0	0	0	1	1	2	3	3	3
90%	3	0	0	0	0	0	0	1	2	3	3	1

Table 5A-B3.4.17.1-B. City of Stockton Monthly Volumes (D_SJR028_WTPDWS) (thousand acre-feet), Existing Condition

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

Table 5A-B3.4.17.1-C. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020)

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	2	2	1	1	2	3	3	3
30%	3	3	3	2	1	2	1	1	2	3	3	3
40%	3	3	3	0	0	2	1	1	2	3	3	3
50%	3	3	1	0	0	1	1	1	2	3	3	3
60%	3	3	0	0	0	0	1	1	2	3	3	3
70%	3	2	0	0	0	0	1	1	2	3	3	3
80%	3	0	0	0	0	0	1	1	2	3	3	3
90%	3	0	0	0	0	0	0	1	2	3	3	1

Table 5A-B3.4.17.1-D. City of Stockton Monthly Volumes (D_SJR028_WTPDWS) (thousand acre-feet), Alternative 2b/4b (2020)

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

Table 5A-B3.4.17.1-E. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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-B3.4.17.1-F. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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-B3.4.17.2-A. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020)

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	2	2	1	1	2	3	3	3
30%	3	3	3	2	1	2	1	1	2	3	3	3
40%	3	3	3	0	0	2	1	1	2	3	3	3
50%	3	3	1	0	0	1	1	1	2	3	3	3
60%	3	3	0	0	0	0	1	1	2	3	3	3
70%	3	2	0	0	0	0	1	1	2	3	3	3
80%	3	0	0	0	0	0	1	1	2	3	3	3
90%	3	0	0	0	0	0	0	1	2	3	3	1

Table 5A-B3.4.17.2-B. City of Stockton Monthly Volumes (D_SJR028_WTPDWS) (thousand acre-feet), Alternative 2c/4c (2020)

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

Table 5A-B3.4.17.2-C. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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-B3.4.17.2-D. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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-B3.4.17.3-A. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020)

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	2	2	1	1	2	3	3	3
30%	3	3	3	2	1	2	1	1	2	3	3	3
40%	3	3	3	0	0	2	1	1	2	3	3	3
50%	3	3	1	0	0	1	1	1	2	3	3	3
60%	3	3	0	0	0	0	1	1	2	3	3	3
70%	3	2	0	0	0	0	1	1	2	3	3	3
80%	3	0	0	0	0	0	1	1	2	3	3	3
90%	3	0	0	0	0	0	0	1	2	3	3	1

Table 5A-B3.4.17.3-B. City of Stockton Monthly Volumes (D_SJR028_WTPDWS) (thousand acre-feet), Alternative 1/3 (2020)

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

Table 5A-B3.4.17.3-C. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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-B3.4.17.3-D. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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-B3.4.17.4-A. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020)

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	2	2	1	1	2	3	3	3
30%	3	3	3	2	1	2	1	1	2	3	3	3
40%	3	3	3	0	0	2	1	1	2	3	3	3
50%	3	3	1	0	0	1	1	1	2	3	3	3
60%	3	3	0	0	0	0	1	1	2	3	3	3
70%	3	2	0	0	0	0	1	1	2	3	3	3
80%	3	0	0	0	0	0	1	1	2	3	3	3
90%	3	0	0	0	0	0	0	1	2	3	3	1

Table 5A-B3.4.17.4-B. City of Stockton Monthly Volumes (D_SJR028_WTPDWS) (thousand acre-feet), Alternative 2a/4a (2020)

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

Table 5A-B3.4.17.4-C. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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-B3.4.17.4-D. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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-B3.4.17.5-A. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020)

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	2	2	1	1	2	3	3	3
30%	3	3	3	2	1	2	1	1	2	3	3	3
40%	3	3	3	0	0	2	1	1	2	3	3	3
50%	3	3	1	0	0	1	1	1	2	3	3	3
60%	3	3	0	0	0	0	1	1	2	3	3	3
70%	3	2	0	0	0	0	1	1	2	3	3	3
80%	3	0	0	0	0	0	1	1	2	3	3	3
90%	3	0	0	0	0	0	0	1	2	3	3	1

Table 5A-B3.4.17.5-B. City of Stockton Monthly Volumes (D_SJR028_WTPDWS) (thousand acre-feet), Alternative 5 (2020)

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

Table 5A-B3.4.17.5-C. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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-B3.4.17.5-D. City of Stockton Monthly Volumes (D_SJR028_WTPDWS), Difference (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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-B3.4.18.1-A. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Probability of Exceedance for Existing Conditions, October to March

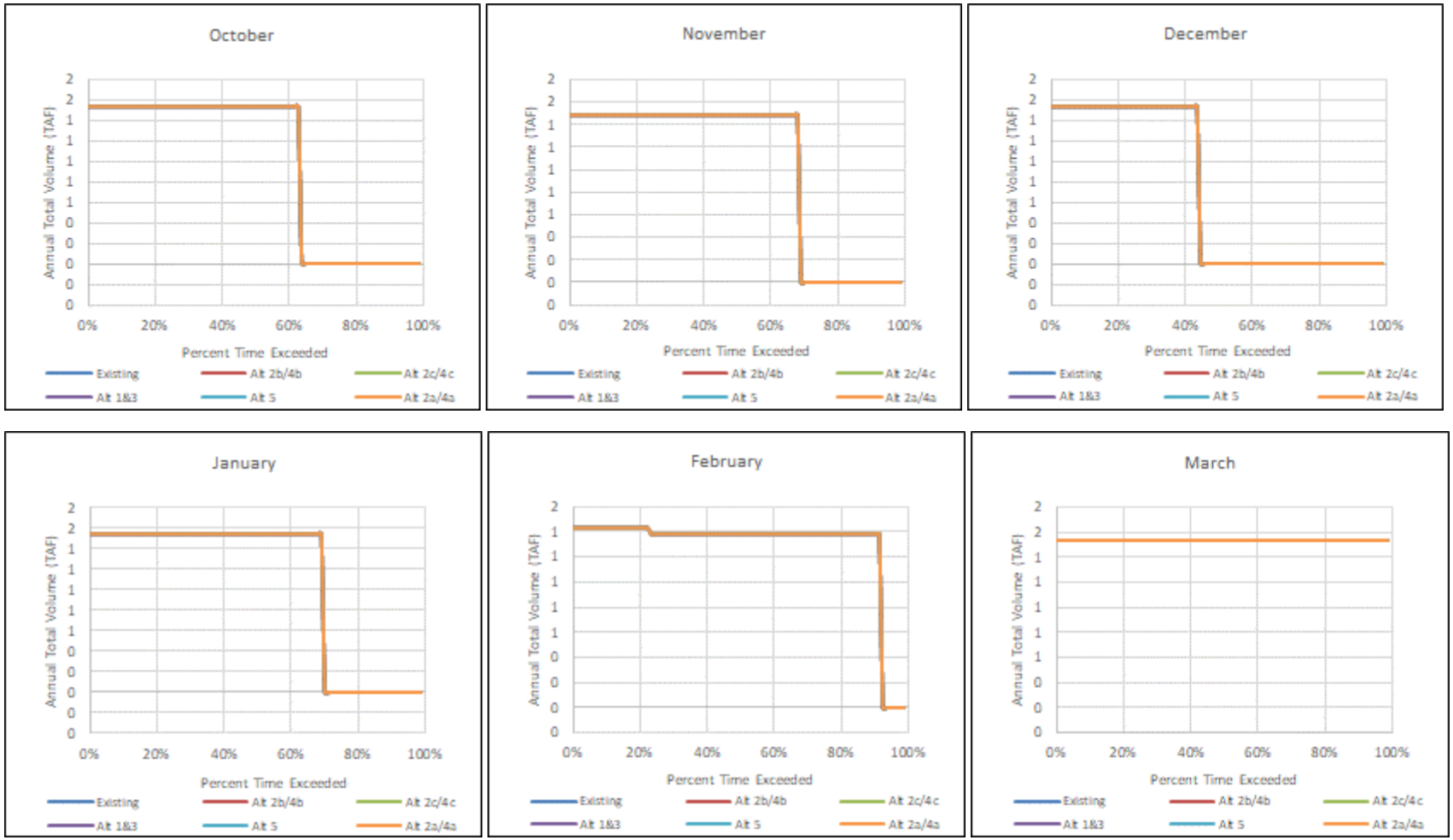


Figure 5A-B3.4.18.1-B. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Probability of Exceedance for Existing Conditions, April to September

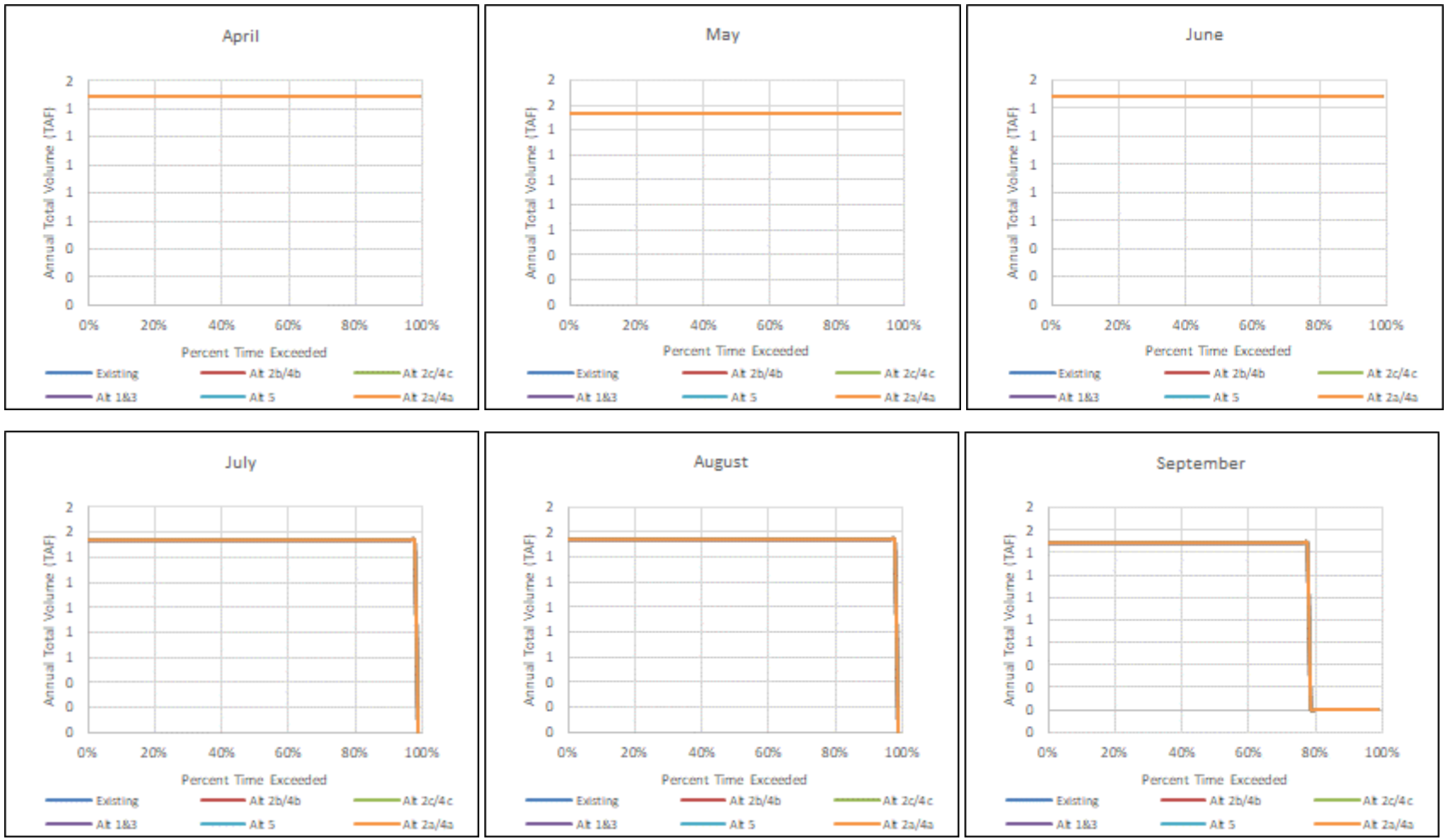


Table 5A-B3.4.18.1-A. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Exceedance Probabilities (thousand acre-feet), Existing Condition

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	0	2	1	2	1	2	1	2	2	1
60%	2	1	0	2	1	2	1	2	1	2	2	1
70%	0	0	0	1	1	2	1	2	1	2	2	1
80%	0	0	0	0	1	2	1	2	1	2	2	0
90%	0	0	0	0	1	2	1	2	1	2	2	0

Table 5A-B3.4.18.1-B. City of Antioch Monthly Volumes (D_SJR006_ANTOC) (thousand acre-feet), Existing Condition

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	2	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	0
Dry Water Years	1	1	0	0	1	2	1	2	1	2	2	1
Critical Water Years	1	0	0	1	1	2	1	2	1	1	1	1

Table 5A-B3.4.18.1-C. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020)

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	0	2	1	2	1	2	1	2	2	1
60%	2	1	0	2	1	2	1	2	1	2	2	1
70%	0	0	0	1	1	2	1	2	1	2	2	1
80%	0	0	0	0	1	2	1	2	1	2	2	0
90%	0	0	0	0	1	2	1	2	1	2	2	0

Table 5A-B3.4.18.1-D. City of Antioch Monthly Volumes (D_SJR006_ANTOC) (thousand acre-feet), Alternative 2b/4b (2020)

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	2	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	0
Dry Water Years	1	1	0	0	1	2	1	2	1	2	2	1
Critical Water Years	1	0	0	1	1	2	1	2	1	1	1	1

Table 5A-B3.4.18.1-E. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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-B3.4.18.1-F. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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-B3.4.18.2-A. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020)

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	0	2	1	2	1	2	1	2	2	1
60%	2	1	0	2	1	2	1	2	1	2	2	1
70%	0	0	0	1	1	2	1	2	1	2	2	1
80%	0	0	0	0	1	2	1	2	1	2	2	0
90%	0	0	0	0	1	2	1	2	1	2	2	0

Table 5A-B3.4.18.2-B. City of Antioch Monthly Volumes (D_SJR006_ANTOC) (thousand acre-feet), Alternative 2c/4c (2020)

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	2	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	0
Dry Water Years	1	1	0	0	1	2	1	2	1	2	2	1
Critical Water Years	1	0	0	1	1	2	1	2	1	1	1	1

Table 5A-B3.4.18.2-C. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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-B3.4.18.2-D. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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-B3.4.18.3-A. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020)

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	0	2	1	2	1	2	1	2	2	1
60%	2	1	0	2	1	2	1	2	1	2	2	1
70%	0	0	0	1	1	2	1	2	1	2	2	1
80%	0	0	0	0	1	2	1	2	1	2	2	0
90%	0	0	0	0	1	2	1	2	1	2	2	0

Table 5A-B3.4.18.3-B. City of Antioch Monthly Volumes (D_SJR006_ANTOC) (thousand acre-feet), Alternative 1/3 (2020)

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	2	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	0
Dry Water Years	1	1	0	0	1	2	1	2	1	2	2	1
Critical Water Years	1	0	0	1	1	2	1	2	1	1	1	1

Table 5A-B3.4.18.3-C. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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-B3.4.18.3-D. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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-B3.4.18.4-A. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020)

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	0	2	1	2	1	2	1	2	2	1
60%	2	1	0	2	1	2	1	2	1	2	2	1
70%	0	0	0	1	1	2	1	2	1	2	2	1
80%	0	0	0	0	1	2	1	2	1	2	2	0
90%	0	0	0	0	1	2	1	2	1	2	2	0

Table 5A-B3.4.18.4-B. City of Antioch Monthly Volumes (D_SJR006_ANTOC) (thousand acre-feet), Alternative 2a/4a (2020)

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	2	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	0
Dry Water Years	1	1	0	0	1	2	1	2	1	2	2	1
Critical Water Years	1	0	0	1	1	2	1	2	1	1	1	1

Table 5A-B3.4.18.4-C. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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-B3.4.18.4-D. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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-B3.4.18.5-A. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020)

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	0	2	1	2	1	2	1	2	2	1
60%	2	1	0	2	1	2	1	2	1	2	2	1
70%	0	0	0	1	1	2	1	2	1	2	2	1
80%	0	0	0	0	1	2	1	2	1	2	2	0
90%	0	0	0	0	1	2	1	2	1	2	2	0

Table 5A-B3.4.18.5-B. City of Antioch Monthly Volumes (D_SJR006_ANTOC) (thousand acre-feet), Alternative 5 (2020)

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	2	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	0
Dry Water Years	1	1	0	0	1	2	1	2	1	2	2	1
Critical Water Years	1	0	0	1	1	2	1	2	1	1	1	1

Table 5A-B3.4.18.5-C. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference in Exceedance Probabilities (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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-B3.4.18.5-D. City of Antioch Monthly Volumes (D_SJR006_ANTOC), Difference (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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-B3.5.1.1-A. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Probability of Exceedance for Existing Condition, October to March

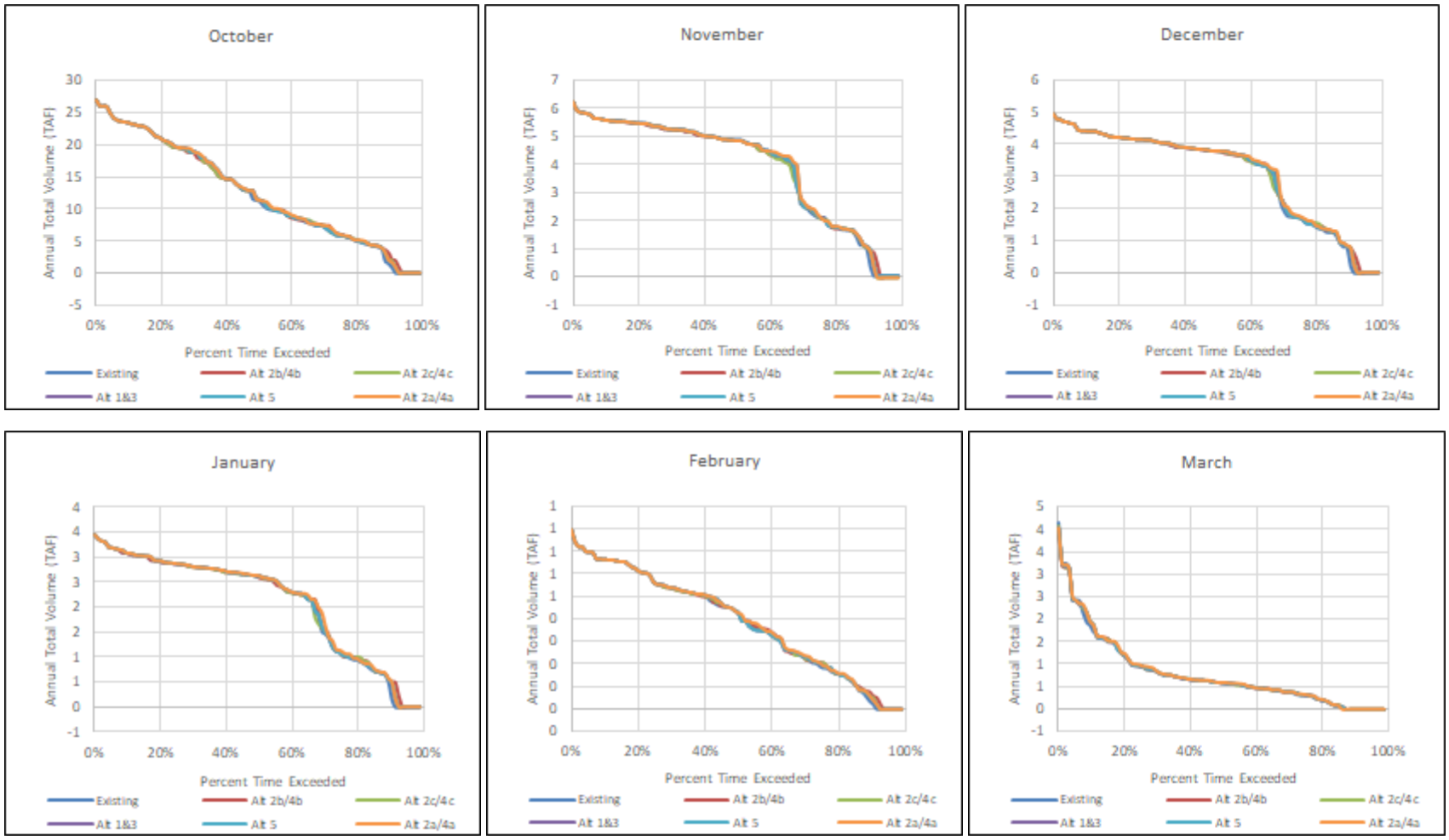


Figure 5A-B3.5.1.1-B. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Probability of Exceedance for Existing Condition, April to September

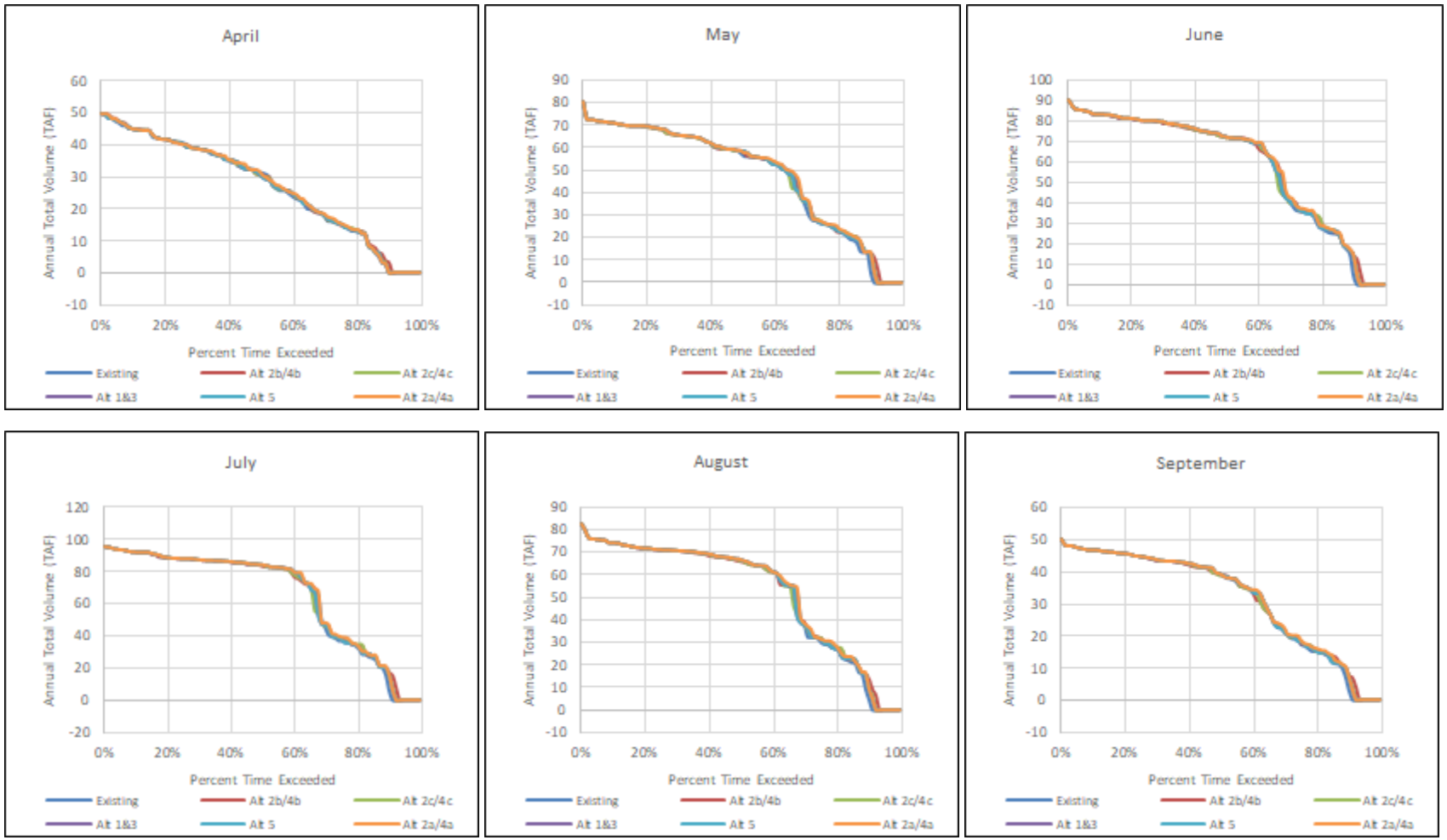


Table 5A-B3.5.1.1-A. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Exceedance Probabilities for Annual Volume (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	23	6	4	3	1	2	45	71	83	92	74	47
20%	21	5	4	3	1	1	42	70	81	88	72	46
30%	19	5	4	3	1	1	39	66	79	87	70	44
40%	15	5	4	3	1	1	35	62	76	86	69	43
50%	11	5	4	3	0	1	31	57	72	84	66	39
60%	9	4	4	2	0	1	24	53	69	80	61	34
70%	7	3	2	2	0	0	18	33	41	45	38	21
80%	5	2	1	1	0	0	13	24	28	33	27	15
90%	2	1	1	1	0	0	1	7	7	8	6	4

Table 5A-B3.5.1.1-B. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Annual Volume (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13	4	3	2	0	1	27	48	58	66	52	32
Wet Water Years	12	4	3	2	0	1	34	64	77	88	71	43
Above Normal Water Years	14	4	3	2	0	1	37	63	75	86	67	44
Below Normal Water Years	15	4	3	2	0	1	32	58	70	77	61	35
Dry Water Years	14	4	3	2	0	1	21	33	40	44	35	22
Critical Water Years	7	2	2	1	0	0	3	5	6	6	5	3

Table 5A-B3.5.1.1-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	23	6	4	3	1	2	45	71	83	92	74	47
20%	21	5	4	3	1	1	42	69	81	88	72	46
30%	19	5	4	3	1	1	39	66	79	87	70	44
40%	15	5	4	3	0	1	35	62	75	86	68	42
50%	11	5	4	3	0	1	31	58	72	83	66	39
60%	9	4	3	2	0	0	25	53	67	77	61	34
70%	7	3	2	2	0	0	18	36	40	47	39	22
80%	5	2	2	1	0	0	13	23	31	34	27	15
90%	3	1	1	1	0	0	3	13	15	18	14	8

Table 5A-B3.5.1.1-D. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Annual Volume (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13	4	3	2	0	1	27	49	59	66	53	32
Wet Water Years	12	4	3	2	0	1	34	64	77	88	71	43
Above Normal Water Years	14	4	3	2	0	1	37	61	73	84	65	43
Below Normal Water Years	15	4	3	2	0	1	33	58	71	78	62	35
Dry Water Years	14	4	3	2	0	1	22	33	40	44	36	22
Critical Water Years	7	2	2	1	0	0	3	7	8	9	7	5

Table 5A-B3.5.1.1-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 (2020) minus Existing Conditions

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	-1	0
50%	0	0	0	0	0	0	-1	1	0	-1	0	0
60%	0	0	0	0	0	0	1	0	-2	-3	0	0
70%	0	0	0	0	0	0	0	3	0	2	1	1
80%	0	0	0	0	0	0	0	-1	3	1	1	0
90%	2	0	0	0	0	0	3	6	8	9	8	4

Table 5A-B3.5.1.1-F. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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	-1	-1	-2	-1	-1
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	0	0	0	0
Critical Water Years	0	0	0	0	0	0	1	2	2	3	2	2

Table 5A-B3.5.1.2-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	23	6	4	3	1	2	45	71	83	92	74	47
20%	21	5	4	3	1	1	42	69	81	89	72	46
30%	19	5	4	3	1	1	39	66	79	87	71	44
40%	15	5	4	3	1	1	35	62	75	86	69	43
50%	11	5	4	3	0	1	30	59	72	84	66	39
60%	9	4	3	2	0	0	25	53	69	78	61	34
70%	7	3	2	2	0	0	18	36	40	46	38	21
80%	5	2	2	1	0	0	13	23	31	35	28	15
90%	2	1	1	1	0	0	1	13	15	17	11	8

Table 5A-B3.5.1.2-B. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Annual Volume (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13	4	3	2	0	1	27	48	58	66	53	32
Wet Water Years	12	4	3	2	0	1	34	64	77	88	71	43
Above Normal Water Years	14	4	3	2	0	1	37	61	73	84	65	43
Below Normal Water Years	15	4	3	2	0	1	33	58	71	78	61	35
Dry Water Years	14	4	3	2	0	1	22	33	40	44	36	22
Critical Water Years	7	2	2	1	0	0	3	6	7	8	6	4

Table 5A-B3.5.1.2-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 (2020) minus Existing Conditions

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	1	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	-1	2	0	0	0	0
60%	0	0	0	0	0	0	1	0	0	-2	0	0
70%	0	0	0	0	0	0	0	3	-1	1	0	0
80%	0	0	0	0	0	0	1	0	3	1	1	0
90%	1	0	0	0	0	0	0	6	7	8	5	4

Table 5A-B3.5.1.2-D. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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	-1	-1	-2	-1	-1
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	2	2	2	2	1

Table 5A-B3.5.1.3-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	23	6	4	3	1	2	45	71	83	92	74	47
20%	21	5	4	3	1	1	42	70	81	89	72	46
30%	19	5	4	3	1	1	39	66	79	87	71	44
40%	15	5	4	3	1	1	35	62	76	86	69	43
50%	11	5	4	3	0	1	30	59	72	84	67	39
60%	9	4	4	2	0	0	25	53	69	80	61	34
70%	7	3	2	2	0	0	18	36	41	47	37	21
80%	5	2	1	1	0	0	13	23	28	34	27	15
90%	2	1	1	1	0	0	1	13	15	17	11	8

Table 5A-B3.5.1.3-B. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Annual Volume (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13	4	3	2	0	1	27	48	58	66	53	32
Wet Water Years	12	4	3	2	0	1	34	64	77	88	71	43
Above Normal Water Years	14	4	3	2	0	1	37	63	75	86	67	44
Below Normal Water Years	15	4	3	2	0	1	33	58	71	78	62	35
Dry Water Years	14	4	3	2	0	1	22	33	40	44	35	22
Critical Water Years	7	2	2	1	0	0	3	6	7	8	6	4

Table 5A-B3.5.1.3-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 (2020) minus Existing Conditions

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	1	0	0	0
40%	0	0	0	0	0	0	0	0	1	0	0	0
50%	0	0	0	0	0	0	-1	2	0	0	0	0
60%	0	0	0	0	0	0	1	0	0	0	0	0
70%	0	0	0	0	0	0	0	3	0	2	0	0
80%	0	0	0	0	0	0	0	0	0	1	0	0
90%	1	0	0	0	0	0	0	6	8	8	5	4

Table 5A-B3.5.1.3-D. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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	1	1	2	1	1

Table 5A-B3.5.1.4-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	23	6	4	3	1	2	45	71	83	92	74	47
20%	21	5	4	3	1	1	42	70	81	89	72	46
30%	19	5	4	3	1	1	39	66	79	87	71	44
40%	15	5	4	3	1	1	35	62	76	86	69	43
50%	11	5	4	3	0	1	31	58	72	84	67	39
60%	9	4	4	2	0	0	25	54	69	80	61	35
70%	7	3	2	2	0	0	18	37	43	48	38	22
80%	5	2	2	1	0	0	13	25	29	34	28	16
90%	2	1	1	1	0	0	1	14	15	17	11	8

Table 5A-B3.5.1.4-B. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Annual Volume (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13	4	3	2	0	1	28	49	59	66	53	32
Wet Water Years	12	4	3	2	0	1	34	64	77	88	71	43
Above Normal Water Years	14	4	3	2	0	1	38	63	75	86	67	44
Below Normal Water Years	15	4	3	2	0	1	33	59	72	79	62	35
Dry Water Years	14	4	3	2	0	1	22	34	41	45	36	23
Critical Water Years	7	2	2	1	0	0	3	6	7	8	6	4

Table 5A-B3.5.1.4-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 (2020) minus Existing Conditions

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	1	0	0	0
40%	0	0	0	0	0	0	0	0	1	0	0	0
50%	0	0	0	0	0	0	0	1	0	0	0	0
60%	0	0	0	0	0	0	1	1	0	0	0	1
70%	0	0	0	0	0	0	1	4	2	3	1	1
80%	0	0	0	0	0	0	1	1	1	1	1	1
90%	1	0	0	0	0	0	0	6	8	9	5	4

Table 5A-B3.5.1.4-D. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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	1	1	1	1	1	1
Dry Water Years	0	0	0	0	0	0	1	1	1	1	1	1
Critical Water Years	0	0	0	0	0	0	0	2	1	2	2	1

Table 5A-B3.5.1.5-A. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	23	6	4	3	1	2	45	71	83	92	74	47
20%	21	5	4	3	1	1	42	70	81	89	72	46
30%	19	5	4	3	1	1	39	66	79	87	71	44
40%	15	5	4	3	1	1	35	62	76	86	69	43
50%	11	5	4	3	0	1	31	59	72	84	67	39
60%	9	4	4	2	0	0	25	53	69	80	61	34
70%	7	3	2	2	0	0	18	36	41	47	37	21
80%	5	2	1	1	0	0	13	23	28	34	27	15
90%	2	1	1	1	0	0	1	13	15	17	11	8

Table 5A-B3.5.1.5-B. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Annual Volume (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	13	4	3	2	0	1	27	48	58	66	53	32
Wet Water Years	12	4	3	2	0	1	34	64	77	88	71	43
Above Normal Water Years	14	4	3	2	0	1	37	63	75	86	67	44
Below Normal Water Years	15	4	3	2	0	1	33	58	71	78	62	35
Dry Water Years	14	4	3	2	0	1	21	33	40	44	35	22
Critical Water Years	7	2	2	1	0	0	3	6	7	8	6	4

Table 5A-B3.5.1.5-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 (2020) minus Existing Conditions

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	1	0	0	0
40%	0	0	0	0	0	0	0	0	1	0	0	0
50%	0	0	0	0	0	0	-1	2	0	0	0	0
60%	0	0	0	0	0	0	1	0	0	0	0	0
70%	0	0	0	0	0	0	0	3	0	2	0	0
80%	0	0	0	0	0	0	0	0	0	1	0	0
90%	1	0	0	0	0	0	0	6	8	8	5	4

Table 5A-B3.5.1.5-D. CVP North of Delta Agricultural Water Service Contract Deliveries Annual Total Volume (DelNorthAg), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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	1	1	2	1	1

B.5.2 CVP North of Delta M&I Water Service Contract Deliveries (including American River)

Figure 5A-B3.5.2.1-A. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Probability of Exceedance for Existing Condition, October to March

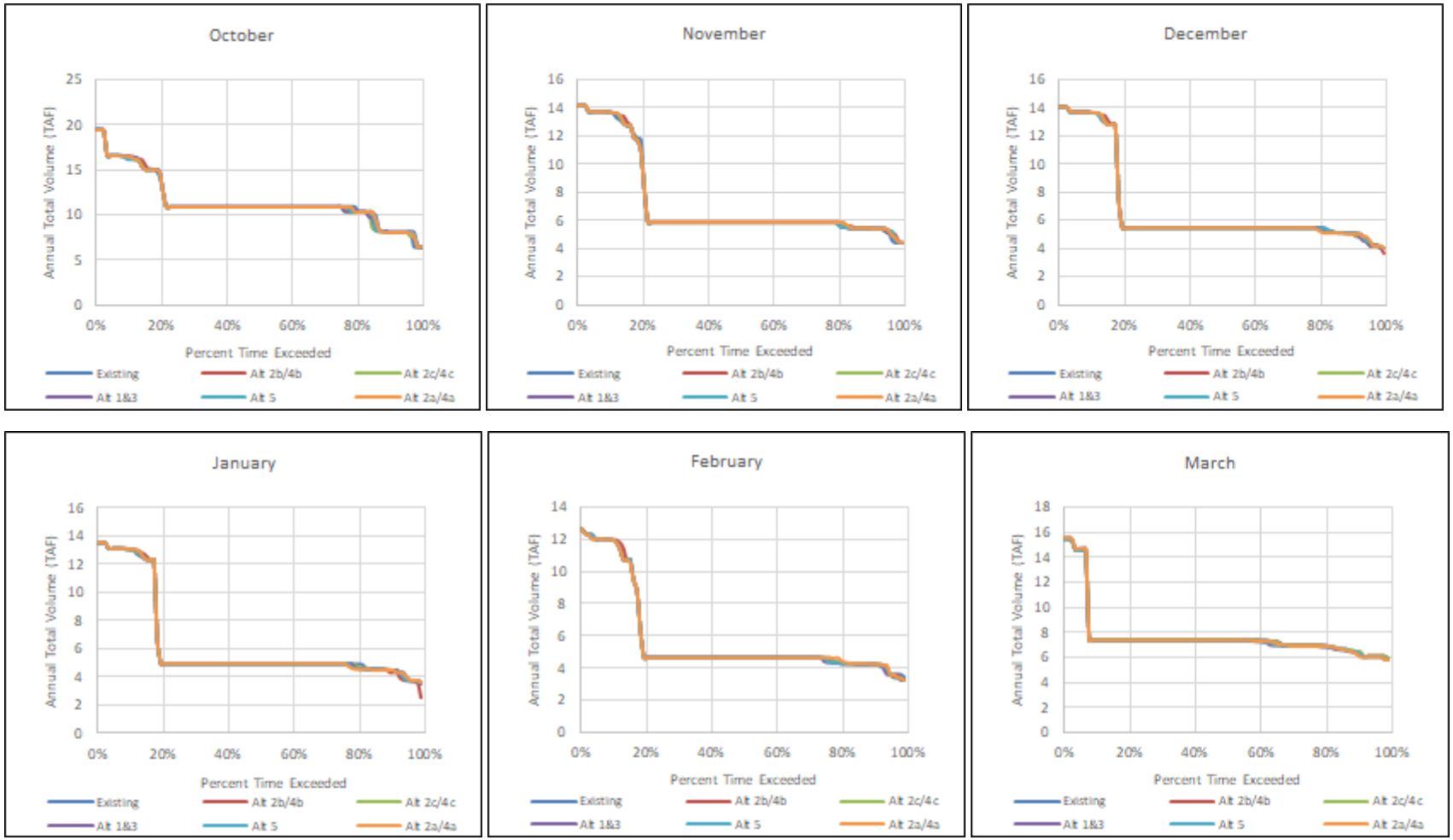


Figure 5A-B3.5.2.1-B. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Probability of Exceedance for Existing Condition, April to September

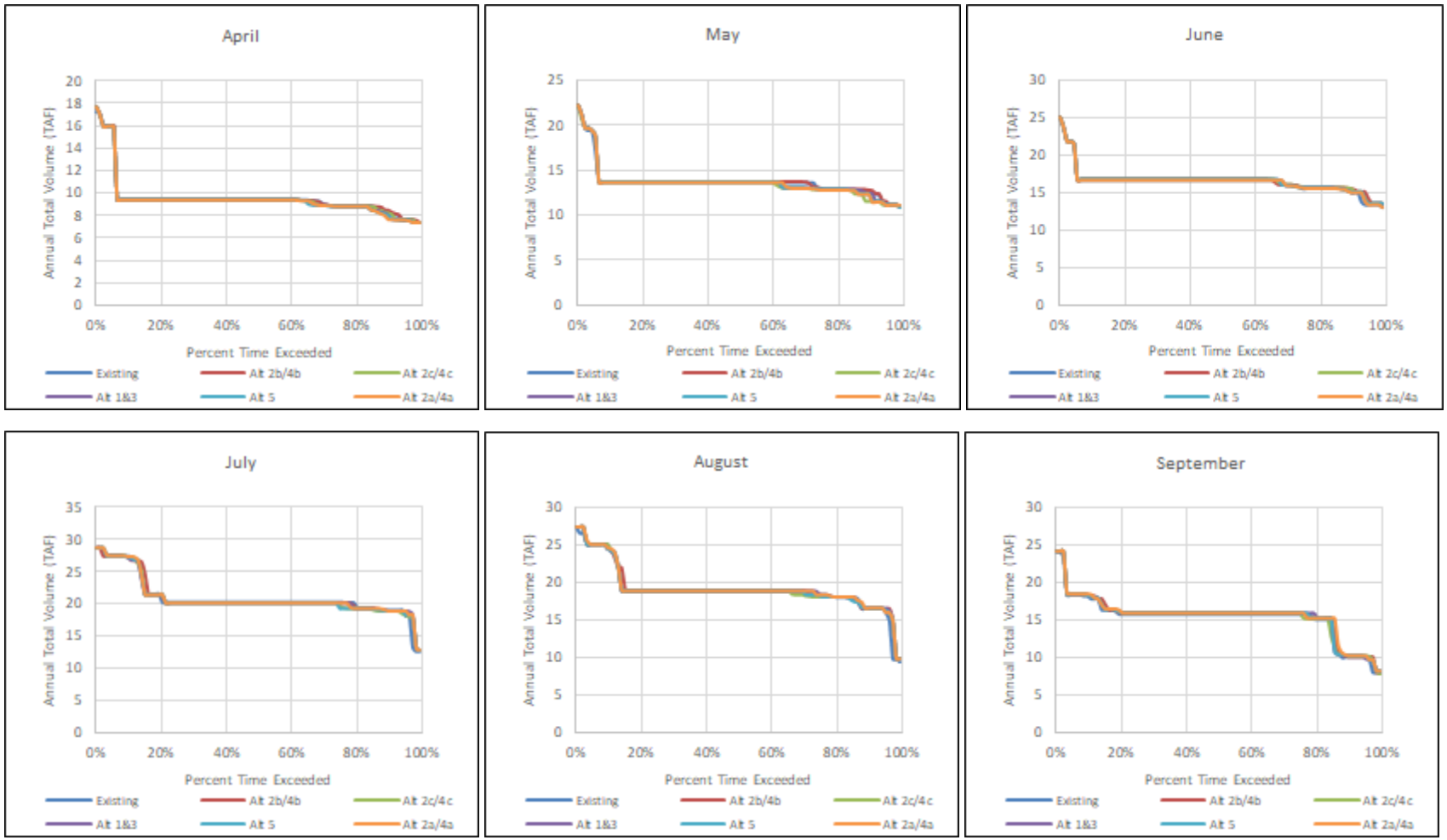


Table 5A-B3.5.2.1-A. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Exceedance Probabilities for Annual Volume (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	16	14	14	13	12	7	9	14	17	27	25	18
20%	13	10	5	5	5	7	9	14	17	21	19	16
30%	11	6	5	5	5	7	9	14	17	20	19	16
40%	11	6	5	5	5	7	9	14	17	20	19	16
50%	11	6	5	5	5	7	9	14	17	20	19	16
60%	11	6	5	5	5	7	9	14	17	20	19	16
70%	11	6	5	5	5	7	9	14	16	20	19	16
80%	11	6	5	5	4	7	9	13	16	20	18	15
90%	8	5	5	5	4	6	8	13	15	19	17	10

Table 5A-B3.5.2.1-B. CVP North of Delta M&I Water Service Contract Deliveries (including American River) Annual Total Volume (DelNorthMI), Annual Volume (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	12	7	7	6	6	8	10	14	16	21	19	15
Wet Water Years	12	7	6	6	6	7	9	14	17	20	19	16
Above Normal Water Years	10	6	5	5	5	7	9	14	17	20	19	16
Below Normal Water Years	12	7	7	6	6	7	9	13	16	20	19	15
Dry Water Years	12	8	7	7	6	8	9	13	16	24	21	15
Critical Water Years	12	9	8	7	7	9	11	14	16	21	18	15

Table 5A-B3.5.2.1-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	17	14	14	13	12	7	9	14	17	27	24	18
20%	14	9	5	5	5	7	9	14	17	21	19	16
30%	11	6	5	5	5	7	9	14	17	20	19	16
40%	11	6	5	5	5	7	9	14	17	20	19	16
50%	11	6	5	5	5	7	9	14	17	20	19	16
60%	11	6	5	5	5	7	9	14	17	20	19	16
70%	11	6	5	5	5	7	9	14	16	20	19	16
80%	10	6	5	5	4	7	9	13	16	20	18	15
90%	8	5	5	4	4	6	8	13	15	19	17	10

Table 5A-B3.5.2.1-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 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	12	7	7	6	6	8	10	14	17	21	19	16
Wet Water Years	12	7	6	6	5	7	9	14	17	20	19	16
Above Normal Water Years	11	6	5	5	5	7	9	14	17	20	19	16
Below Normal Water Years	12	7	7	6	6	7	9	14	16	20	19	15
Dry Water Years	12	8	7	7	6	8	9	13	16	24	21	15
Critical Water Years	12	9	8	7	7	9	11	15	17	22	19	15

Table 5A-B3.5.2.1-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 (2020) minus Existing Conditions

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	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-B3.5.2.1-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 (2020) minus Existing Conditions

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	1	1	1

Table 5A-B3.5.2.2-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	17	14	14	13	12	7	9	14	17	27	25	18
20%	14	9	5	5	5	7	9	14	17	22	19	16
30%	11	6	5	5	5	7	9	14	17	20	19	16
40%	11	6	5	5	5	7	9	14	17	20	19	16
50%	11	6	5	5	5	7	9	14	17	20	19	16
60%	11	6	5	5	5	7	9	14	17	20	19	16
70%	11	6	5	5	5	7	9	13	16	20	18	16
80%	10	6	5	5	4	7	9	13	16	19	18	15
90%	8	5	5	5	4	7	8	11	15	19	17	10

Table 5A-B3.5.2.2-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 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	12	7	7	6	6	8	10	14	17	21	19	15
Wet Water Years	12	7	6	6	5	7	9	13	17	20	19	16
Above Normal Water Years	11	6	5	5	5	7	9	13	17	20	19	15
Below Normal Water Years	12	7	7	6	6	7	9	13	16	20	19	15
Dry Water Years	12	8	7	7	6	8	9	13	16	24	21	15
Critical Water Years	12	8	8	7	7	9	11	14	17	22	18	15

Table 5A-B3.5.2.2-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 (2020) minus Existing Conditions

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	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	-1	0	0	-1	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	-1	0	0	0	0

Table 5A-B3.5.2.2-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 (2020) minus Existing Conditions

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	1	0	0

Table 5A-B3.5.2.3-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	17	14	14	13	12	7	9	14	17	27	24	18
20%	14	9	5	5	5	7	9	14	17	22	19	16
30%	11	6	5	5	5	7	9	14	17	20	19	16
40%	11	6	5	5	5	7	9	14	17	20	19	16
50%	11	6	5	5	5	7	9	14	17	20	19	16
60%	11	6	5	5	5	7	9	14	17	20	19	16
70%	11	6	5	5	5	7	9	13	16	20	19	16
80%	10	6	5	5	4	7	9	13	16	19	18	16
90%	8	5	5	4	4	6	8	12	15	19	17	10

Table 5A-B3.5.2.3-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 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	12	7	7	6	6	8	9	14	16	21	19	15
Wet Water Years	12	7	6	6	5	7	9	13	17	20	19	16
Above Normal Water Years	11	6	5	5	5	7	9	13	17	20	19	16
Below Normal Water Years	12	7	7	6	6	7	9	13	16	20	19	15
Dry Water Years	12	8	7	7	6	8	9	13	16	24	21	15
Critical Water Years	12	8	8	7	7	9	11	14	17	22	18	15

Table 5A-B3.5.2.3-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 (2020) minus Existing Conditions

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	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	-1	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-B3.5.2.3-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 (2020) minus Existing Conditions

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	1	0	0

Table 5A-B3.5.2.4-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	17	14	14	13	12	7	9	14	17	27	25	18
20%	14	9	5	5	5	7	9	14	17	22	19	16
30%	11	6	5	5	5	7	9	14	17	20	19	16
40%	11	6	5	5	5	7	9	14	17	20	19	16
50%	11	6	5	5	5	7	9	14	17	20	19	16
60%	11	6	5	5	5	7	9	14	17	20	19	16
70%	11	6	5	5	5	7	9	13	16	20	19	16
80%	10	6	5	5	5	7	9	13	16	19	18	15
90%	8	5	5	4	4	6	8	12	15	19	17	10

Table 5A-B3.5.2.4-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 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	12	7	7	6	6	8	9	14	17	21	19	16
Wet Water Years	12	7	6	6	5	7	9	13	17	20	19	16
Above Normal Water Years	11	6	5	5	5	7	9	13	17	20	19	16
Below Normal Water Years	12	7	7	6	6	7	9	13	16	20	19	15
Dry Water Years	12	8	7	7	6	8	9	13	16	24	21	15
Critical Water Years	12	8	8	7	7	9	11	15	17	22	18	15

Table 5A-B3.5.2.4-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 (2020) minus Existing Conditions

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	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	-1	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-B3.5.2.4-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 (2020) minus Existing Conditions

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	1	1	0

Table 5A-B3.5.2.5-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	16	14	14	13	12	7	9	14	17	27	24	18
20%	14	9	5	5	5	7	9	14	17	22	19	16
30%	11	6	5	5	5	7	9	14	17	20	19	16
40%	11	6	5	5	5	7	9	14	17	20	19	16
50%	11	6	5	5	5	7	9	14	17	20	19	16
60%	11	6	5	5	5	7	9	14	17	20	19	16
70%	11	6	5	5	5	7	9	13	16	20	19	16
80%	10	6	5	5	4	7	9	13	16	19	18	15
90%	8	5	5	4	4	6	8	12	15	19	17	10

Table 5A-B3.5.2.5-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 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	12	7	7	6	6	8	9	14	16	21	19	15
Wet Water Years	12	7	6	6	5	7	9	13	17	20	19	16
Above Normal Water Years	11	6	5	5	5	7	9	13	17	20	19	16
Below Normal Water Years	12	7	7	6	6	7	9	13	16	20	19	15
Dry Water Years	12	8	7	7	6	8	9	13	16	23	21	15
Critical Water Years	12	8	8	7	7	9	11	14	17	22	18	15

Table 5A-B3.5.2.5-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 (2020) minus Existing Conditions

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	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	-1	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-B3.5.2.5-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 (2020) minus Existing Conditions

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	1	0	0

B.5.3 CVP North of Delta Federal Refuge Level 2 Deliveries

Figure 5A-B3.5.3.1-A. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Probability of Exceedance for Existing Condition, October to March

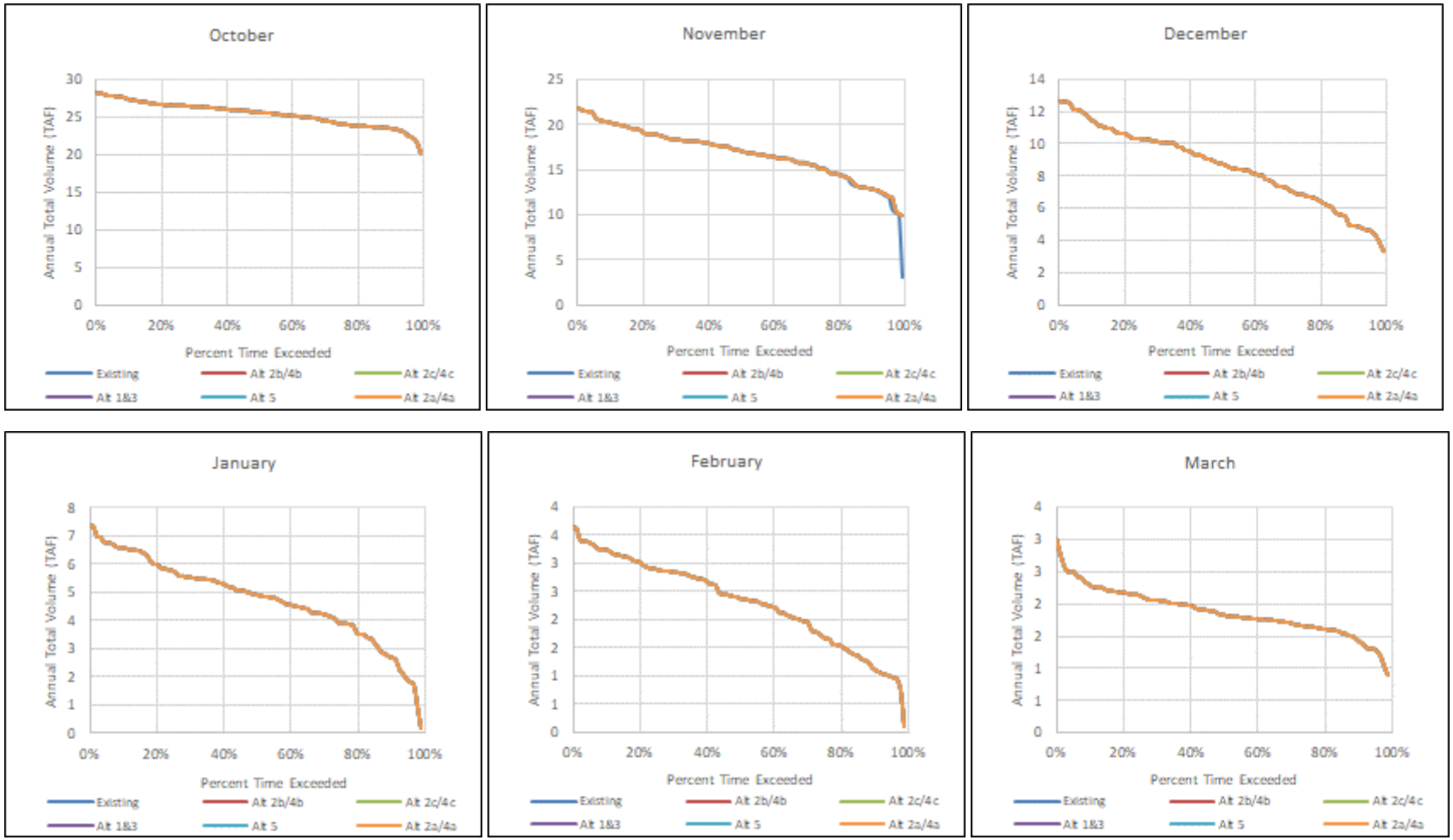


Figure 5A-B3.5.3.1-B. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Probability of Exceedance for Existing Condition, April to September

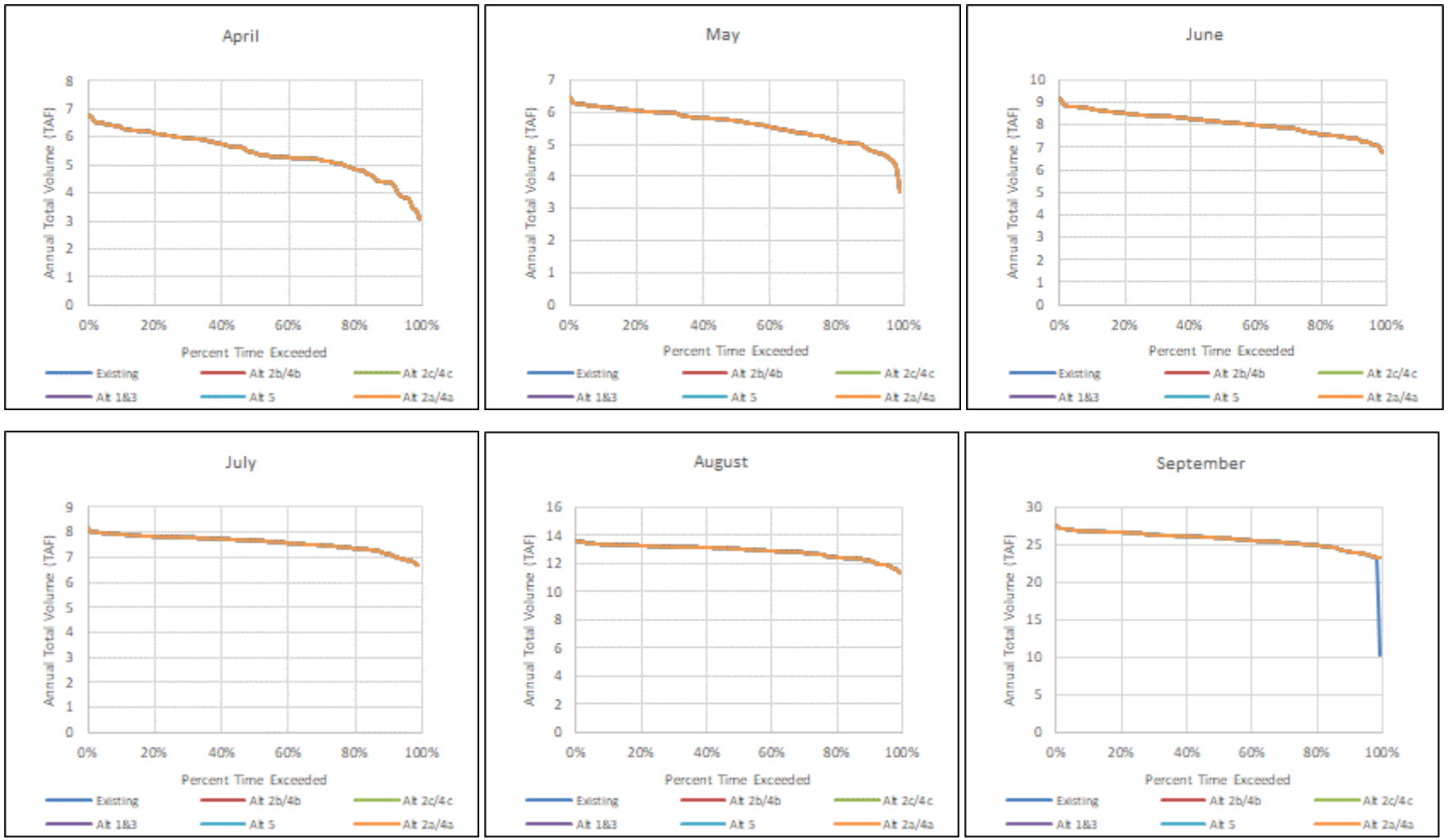


Table 5A-B3.5.3.1-A. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Exceedance Probabilities for Annual Volume (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	27	20	12	7	3	2	6	6	9	8	13	27
20%	27	19	11	6	3	2	6	6	9	8	13	27
30%	26	18	10	6	3	2	6	6	8	8	13	26
40%	26	18	10	5	3	2	6	6	8	8	13	26
50%	26	17	9	5	2	2	5	6	8	8	13	26
60%	25	16	8	5	2	2	5	6	8	8	13	26
70%	25	16	7	4	2	2	5	5	8	7	13	25
80%	24	15	7	4	2	2	5	5	8	7	12	25
90%	24	13	5	3	1	1	4	5	7	7	12	24

Table 5A-B3.5.3.1-B. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Annual Volume (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	25	17	9	5	2	2	5	6	8	8	13	26
Wet Water Years	25	16	8	4	2	2	5	6	8	8	13	26
Above Normal Water Years	25	17	8	5	2	2	5	6	8	8	13	26
Below Normal Water Years	26	17	9	5	3	2	6	6	8	8	13	26
Dry Water Years	25	18	10	5	2	2	6	6	8	8	13	26
Critical Water Years	25	17	9	5	2	2	6	5	8	7	12	24

Table 5A-B3.5.3.1-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	27	20	12	7	3	2	6	6	9	8	13	27
20%	27	19	11	6	3	2	6	6	9	8	13	27
30%	26	18	10	6	3	2	6	6	8	8	13	26
40%	26	18	10	5	3	2	6	6	8	8	13	26
50%	26	17	9	5	2	2	5	6	8	8	13	26
60%	25	16	8	5	2	2	5	6	8	8	13	26
70%	25	16	7	4	2	2	5	5	8	7	13	25
80%	24	15	7	4	2	2	5	5	8	7	12	25
90%	24	13	5	3	1	1	4	5	7	7	12	24

Table 5A-B3.5.3.1-D. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Annual Volume (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	25	17	9	5	2	2	5	6	8	8	13	26
Wet Water Years	25	16	8	4	2	2	5	6	8	8	13	26
Above Normal Water Years	25	17	8	5	2	2	5	6	8	8	13	26
Below Normal Water Years	26	17	9	5	3	2	6	6	8	8	13	26
Dry Water Years	25	18	10	5	2	2	6	6	8	8	13	26
Critical Water Years	25	18	9	5	2	2	6	5	8	7	12	25

Table 5A-B3.5.3.1-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 (2020) minus Existing Conditions

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-B3.5.3.1-F. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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	1	0	0	0	0	0	0	0	0	0	1

Table 5A-B3.5.3.2-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	27	20	12	7	3	2	6	6	9	8	13	27
20%	27	19	11	6	3	2	6	6	9	8	13	27
30%	26	18	10	6	3	2	6	6	8	8	13	26
40%	26	18	10	5	3	2	6	6	8	8	13	26
50%	26	17	9	5	2	2	5	6	8	8	13	26
60%	25	16	8	5	2	2	5	6	8	8	13	26
70%	25	16	7	4	2	2	5	5	8	7	13	25
80%	24	15	7	4	2	2	5	5	8	7	12	25
90%	24	13	5	3	1	1	4	5	7	7	12	24

Table 5A-B3.5.3.2-B. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Annual Volume (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	25	17	9	5	2	2	5	6	8	8	13	26
Wet Water Years	25	16	8	4	2	2	5	6	8	8	13	26
Above Normal Water Years	25	17	8	5	2	2	5	6	8	8	13	26
Below Normal Water Years	26	17	9	5	3	2	6	6	8	8	13	26
Dry Water Years	25	18	10	5	2	2	6	6	8	8	13	26
Critical Water Years	25	18	9	5	2	2	6	5	8	7	12	25

Table 5A-B3.5.3.2-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 (2020) minus Existing Conditions

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-B3.5.3.2-D. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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	1	0	0	0	0	0	0	0	0	0	1

Table 5A-B3.5.3.3-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	27	20	12	7	3	2	6	6	9	8	13	27
20%	27	19	11	6	3	2	6	6	9	8	13	27
30%	26	18	10	6	3	2	6	6	8	8	13	26
40%	26	18	10	5	3	2	6	6	8	8	13	26
50%	26	17	9	5	2	2	5	6	8	8	13	26
60%	25	16	8	5	2	2	5	6	8	8	13	26
70%	25	16	7	4	2	2	5	5	8	7	13	25
80%	24	15	7	4	2	2	5	5	8	7	12	25
90%	24	13	5	3	1	1	4	5	7	7	12	24

Table 5A-B3.5.3.3-B. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Annual Volume (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	25	17	9	5	2	2	5	6	8	8	13	26
Wet Water Years	25	16	8	4	2	2	5	6	8	8	13	26
Above Normal Water Years	25	17	8	5	2	2	5	6	8	8	13	26
Below Normal Water Years	26	17	9	5	3	2	6	6	8	8	13	26
Dry Water Years	25	18	10	5	2	2	6	6	8	8	13	26
Critical Water Years	25	18	9	5	2	2	6	5	8	7	12	25

Table 5A-B3.5.3.3-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 (2020) minus Existing Conditions

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-B3.5.3.3-D. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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	1	0	0	0	0	0	0	0	0	0	1

Table 5A-B3.5.3.4-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	27	20	12	7	3	2	6	6	9	8	13	27
20%	27	19	11	6	3	2	6	6	9	8	13	27
30%	26	18	10	6	3	2	6	6	8	8	13	26
40%	26	18	10	5	3	2	6	6	8	8	13	26
50%	26	17	9	5	2	2	5	6	8	8	13	26
60%	25	16	8	5	2	2	5	6	8	8	13	26
70%	25	16	7	4	2	2	5	5	8	7	13	25
80%	24	15	7	4	2	2	5	5	8	7	12	25
90%	24	13	5	3	1	1	4	5	7	7	12	24

Table 5A-B3.5.3.4-B. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Annual Volume (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	25	17	9	5	2	2	5	6	8	8	13	26
Wet Water Years	25	16	8	4	2	2	5	6	8	8	13	26
Above Normal Water Years	25	17	8	5	2	2	5	6	8	8	13	26
Below Normal Water Years	26	17	9	5	3	2	6	6	8	8	13	26
Dry Water Years	25	18	10	5	2	2	6	6	8	8	13	26
Critical Water Years	25	18	9	5	2	2	6	5	8	7	12	25

Table 5A-B3.5.3.4-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 (2020) minus Existing Conditions

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-B3.5.3.4-D. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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	1	0	0	0	0	0	0	0	0	0	1

Table 5A-B3.5.3.5-A. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	27	20	12	7	3	2	6	6	9	8	13	27
20%	27	19	11	6	3	2	6	6	9	8	13	27
30%	26	18	10	6	3	2	6	6	8	8	13	26
40%	26	18	10	5	3	2	6	6	8	8	13	26
50%	26	17	9	5	2	2	5	6	8	8	13	26
60%	25	16	8	5	2	2	5	6	8	8	13	26
70%	25	16	7	4	2	2	5	5	8	7	13	25
80%	24	15	7	4	2	2	5	5	8	7	12	25
90%	24	13	5	3	1	1	4	5	7	7	12	24

Table 5A-B3.5.3.5-B. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Annual Volume (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	25	17	9	5	2	2	5	6	8	8	13	26
Wet Water Years	25	16	8	4	2	2	5	6	8	8	13	26
Above Normal Water Years	25	17	8	5	2	2	5	6	8	8	13	26
Below Normal Water Years	26	17	9	5	3	2	6	6	8	8	13	26
Dry Water Years	25	18	10	5	2	2	6	6	8	8	13	26
Critical Water Years	25	18	9	5	2	2	6	5	8	7	12	25

Table 5A-B3.5.3.5-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 (2020) minus Existing Conditions

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-B3.5.3.5-D. CVP North of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DelNorthRefugeLv2), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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	1	0	0	0	0	0	0	0	0	0	1

B.5.4 CVP South of Delta Agricultural Water Service Contract

Figure 5A-B3.5.4.1-A. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Probability of Exceedance for Existing Condition, October to March

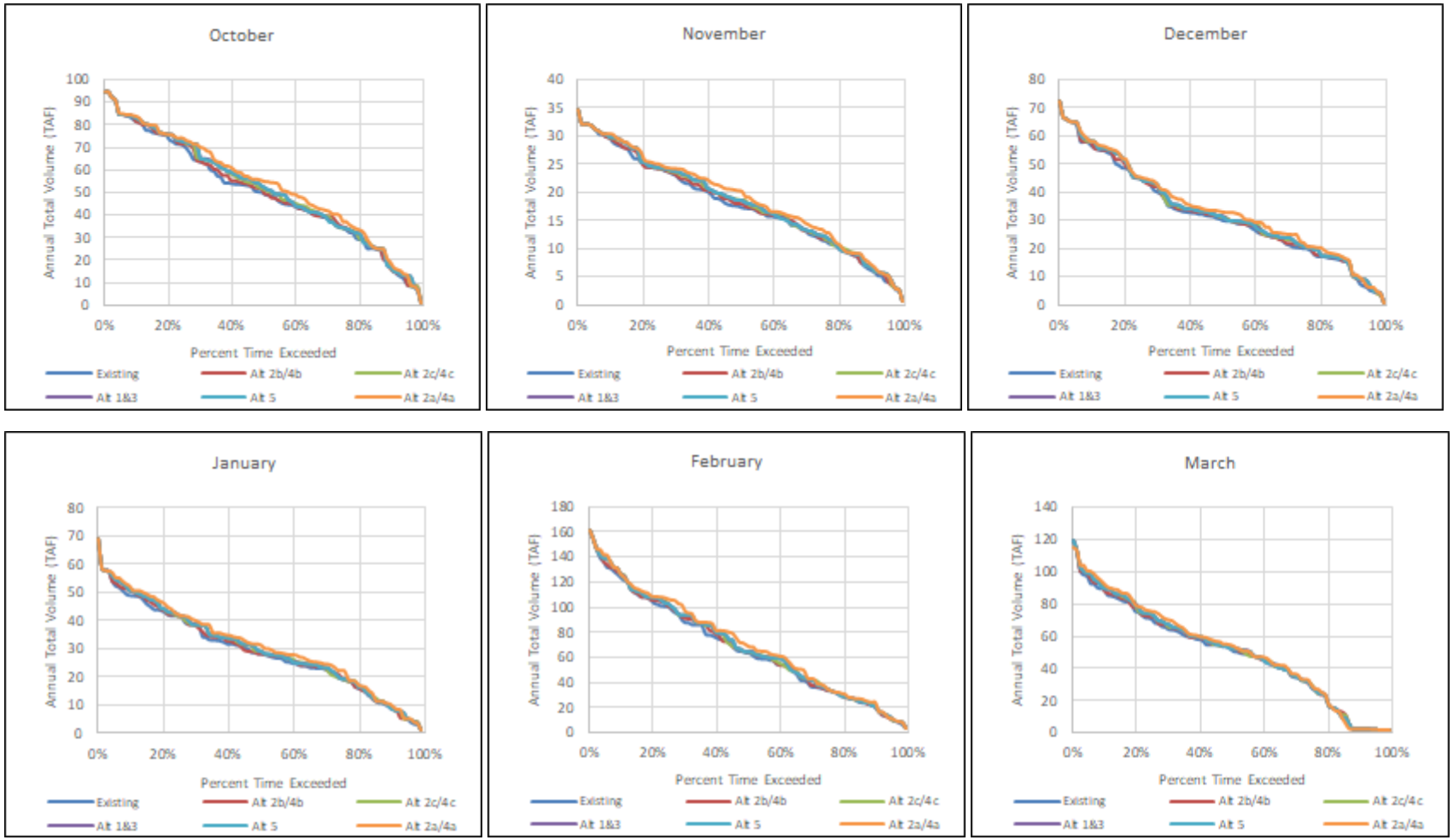


Figure 5A-B3.5.4.1-B. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Probability of Exceedance for Existing Condition, April to September

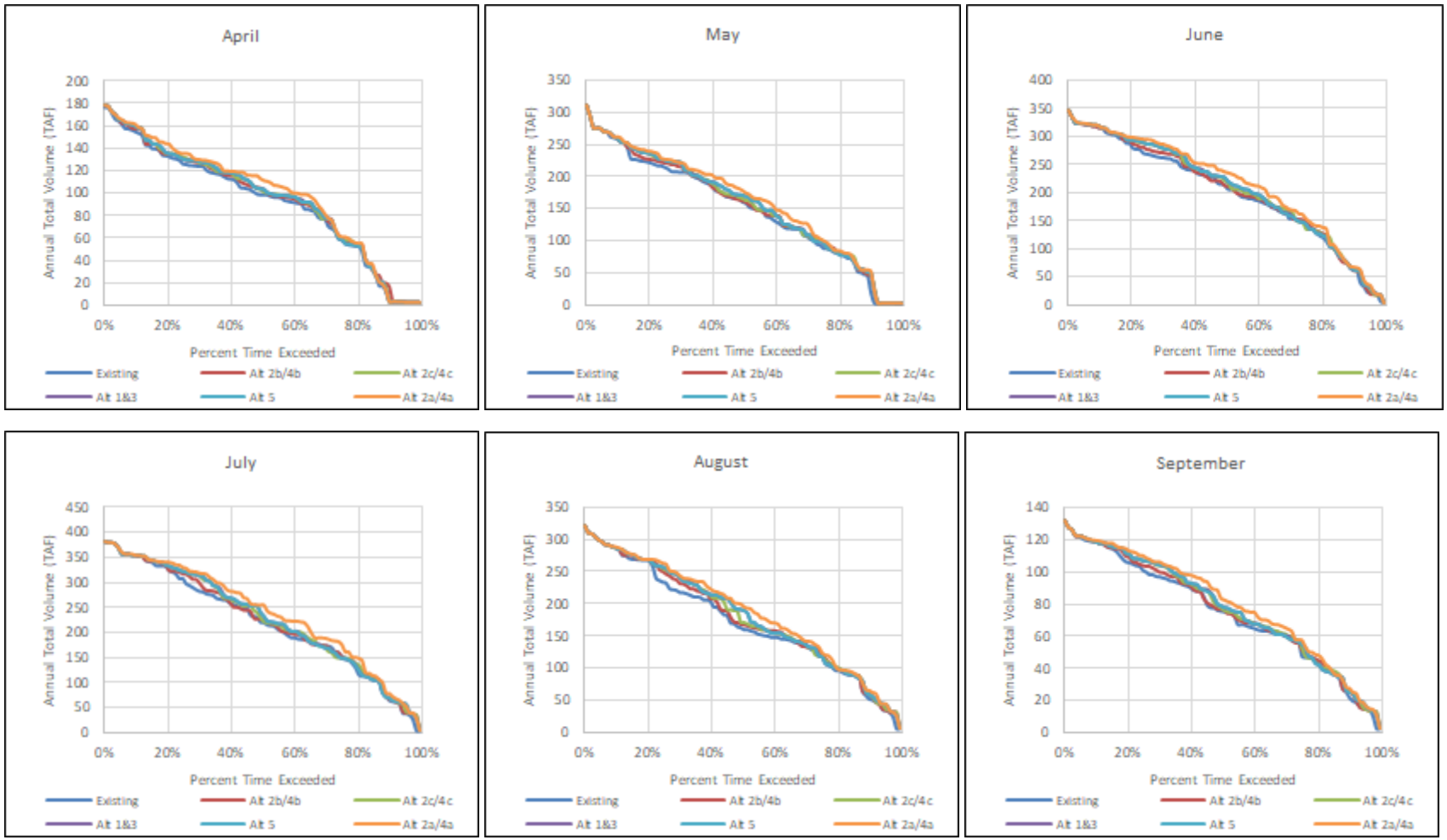


Table 5A-B3.5.4.1-A. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	82	30	56	49	123	88	155	257	314	354	287	119
20%	74	25	49	43	104	76	133	222	281	328	267	106
30%	64	23	40	39	88	65	124	207	261	283	218	97
40%	54	20	33	32	75	58	113	185	237	259	203	90
50%	50	17	30	28	63	52	99	160	208	221	161	75
60%	44	16	27	25	54	46	92	131	184	191	147	65
70%	39	13	22	23	36	35	76	107	153	175	136	60
80%	30	10	17	16	29	21	53	81	120	125	96	45
90%	18	6	12	10	20	3	6	27	62	68	53	23

Table 5A-B3.5.4.1-B. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Annual Volume (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50	18	32	29	67	50	93	152	199	221	173	75
Wet Water Years	56	19	34	29	61	70	129	231	286	324	254	108
Above Normal Water Years	54	19	31	34	67	66	121	186	239	258	202	92
Below Normal Water Years	56	19	37	35	85	51	97	147	199	213	160	71
Dry Water Years	48	18	35	28	71	35	72	101	141	157	127	53
Critical Water Years	30	12	21	19	51	7	11	18	41	56	44	19

Table 5A-B3.5.4.1-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	82	30	57	50	125	88	157	259	314	354	287	119
20%	76	25	50	44	105	78	134	227	288	328	269	109
30%	64	23	42	38	91	66	127	215	270	300	232	100
40%	56	20	34	33	78	59	115	183	237	258	208	91
50%	51	18	31	28	64	53	103	161	211	227	168	77
60%	44	16	28	26	54	45	94	139	189	198	158	68
70%	40	13	22	23	37	35	77	109	161	174	133	60
80%	32	10	18	16	28	21	54	82	129	136	99	45
90%	18	7	12	10	21	3	17	46	64	70	59	25

Table 5A-B3.5.4.1-D. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Annual Volume (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	51	18	33	30	69	51	95	155	203	225	178	76
Wet Water Years	57	20	34	29	62	71	131	235	291	329	265	110
Above Normal Water Years	55	19	32	35	68	66	122	186	241	261	205	93
Below Normal Water Years	56	19	37	35	86	52	100	151	203	216	164	72
Dry Water Years	49	19	35	29	72	35	74	103	145	160	129	54
Critical Water Years	30	11	21	19	51	8	13	22	45	59	47	20

Table 5A-B3.5.4.1-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	1	2	2	0	2	1	0	0	0	0
20%	2	0	2	0	2	2	1	5	7	1	1	3
30%	0	0	2	0	3	1	2	8	9	16	14	3
40%	1	0	1	1	3	1	2	-2	0	0	5	1
50%	1	1	1	0	1	1	4	2	3	6	7	1
60%	0	0	1	1	0	0	2	8	4	7	10	3
70%	1	0	0	0	1	1	1	2	8	0	-3	0
80%	2	0	0	0	-1	1	1	1	8	11	3	0
90%	-1	1	0	0	0	0	11	19	2	2	6	2

Table 5A-B3.5.4.1-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 (2020) minus Existing Conditions

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

Table 5A-B3.5.4.2-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	83	30	58	51	126	91	158	259	316	355	287	119
20%	76	25	51	44	108	78	135	235	292	334	269	111
30%	65	24	43	38	94	66	126	221	278	314	242	104
40%	58	21	34	34	80	60	117	189	243	267	212	92
50%	52	19	31	29	64	53	102	165	219	226	171	77
60%	46	16	29	26	55	46	96	139	191	203	155	68
70%	40	13	23	23	42	35	77	109	164	170	138	61
80%	31	11	19	18	29	21	53	82	127	138	101	43
90%	18	7	12	10	21	3	7	50	66	71	60	26

Table 5A-B3.5.4.2-B. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Annual Volume (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52	18	33	30	70	51	96	157	206	228	181	77
Wet Water Years	58	20	34	30	62	72	132	238	295	334	267	111
Above Normal Water Years	56	20	32	35	70	67	123	190	247	266	210	95
Below Normal Water Years	57	19	37	36	87	53	101	153	207	220	167	74
Dry Water Years	50	19	36	29	73	35	74	104	146	161	130	54
Critical Water Years	31	12	22	20	53	8	11	23	48	62	49	21

Table 5A-B3.5.4.2-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	0	2	2	3	3	4	1	2	0	0	0
20%	2	0	3	1	4	3	1	13	11	7	1	5
30%	2	1	3	0	6	2	2	14	17	31	24	7
40%	4	1	1	2	4	2	4	4	6	9	9	2
50%	2	1	1	1	1	1	3	5	10	5	10	1
60%	1	1	2	2	1	1	4	9	6	12	7	3
70%	1	0	2	0	5	1	1	1	12	-4	2	1
80%	1	0	2	1	-1	0	0	1	7	12	5	-2
90%	0	1	0	0	1	0	1	23	4	3	7	3

Table 5A-B3.5.4.2-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 (2020) minus Existing Conditions

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

Table 5A-B3.5.4.3-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	83	30	58	51	126	90	158	259	316	355	287	119
20%	76	25	51	44	108	79	135	236	293	334	269	111
30%	66	24	43	39	94	68	128	221	278	314	242	104
40%	59	21	34	34	80	60	118	192	245	270	214	93
50%	53	19	32	29	64	53	103	171	223	237	190	78
60%	45	16	28	25	59	45	96	141	197	203	154	68
70%	39	13	24	23	42	35	78	109	163	170	138	60
80%	32	10	19	17	29	21	53	80	126	132	98	43
90%	18	7	12	9	21	3	6	50	65	71	59	25

Table 5A-B3.5.4.3-B. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Annual Volume (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52	19	33	30	70	51	96	158	207	229	182	78
Wet Water Years	58	20	35	30	63	72	132	238	295	334	267	111
Above Normal Water Years	57	20	33	36	70	67	125	198	255	274	218	98
Below Normal Water Years	57	19	37	36	87	53	101	154	207	220	170	74
Dry Water Years	50	19	36	30	74	35	73	102	143	158	128	53
Critical Water Years	31	12	22	20	53	8	11	23	48	63	50	21

Table 5A-B3.5.4.3-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	0	2	2	3	1	4	1	2	0	0	0
20%	2	0	3	1	4	4	2	14	12	7	1	5
30%	2	1	3	0	6	3	4	14	17	31	24	7
40%	5	1	1	2	4	2	5	7	8	11	12	3
50%	3	1	1	1	1	1	4	11	15	16	29	3
60%	0	0	1	1	5	0	4	10	12	13	7	3
70%	0	0	2	0	5	1	1	2	10	-5	3	0
80%	3	0	2	1	-1	0	0	0	5	6	3	-2
90%	-1	1	-1	0	0	0	0	23	3	3	7	2

Table 5A-B3.5.4.3-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 (2020) minus Existing Conditions

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

Table 5A-B3.5.4.4-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	84	30	58	52	126	92	160	261	316	355	288	120
20%	76	26	52	46	109	79	143	239	297	341	269	114
30%	70	24	43	40	97	71	129	221	285	319	244	106
40%	61	22	36	35	81	60	119	202	252	283	223	98
50%	55	20	33	31	69	55	111	177	235	255	197	83
60%	49	17	30	28	61	47	100	150	211	223	170	75
70%	42	15	25	25	43	37	81	127	170	189	142	65
80%	34	11	20	18	31	22	55	85	139	151	100	48
90%	20	7	12	10	24	3	6	53	68	80	65	28

Table 5A-B3.5.4.4-B. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Annual Volume (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54	19	34	32	72	52	99	163	214	239	188	80
Wet Water Years	60	21	36	31	64	73	134	242	300	339	270	113
Above Normal Water Years	58	21	34	37	73	70	132	207	268	297	226	103
Below Normal Water Years	59	20	39	37	90	54	105	161	217	234	178	77
Dry Water Years	52	20	37	31	76	36	77	108	153	168	136	57
Critical Water Years	32	12	23	21	55	8	11	24	50	65	52	22

Table 5A-B3.5.4.4-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	2	1	2	3	3	4	5	4	2	1	2	1
20%	2	1	3	3	5	4	10	18	17	13	2	8
30%	7	1	3	1	9	6	5	14	24	36	26	9
40%	7	2	3	3	6	2	6	17	15	24	20	8
50%	5	3	3	3	6	3	13	17	27	34	36	8
60%	5	1	3	3	7	2	8	19	27	33	23	10
70%	3	1	4	2	6	2	4	20	17	15	6	5
80%	4	0	3	2	1	1	2	4	19	25	4	3
90%	1	1	0	1	3	0	0	26	6	12	12	5

Table 5A-B3.5.4.4-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 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	4	1	2	2	5	2	6	12	16	18	15	6
Wet Water Years	3	1	2	2	4	3	6	11	14	16	15	5
Above Normal Water Years	5	2	3	3	6	4	11	22	29	38	24	11
Below Normal Water Years	4	1	2	2	5	2	8	14	18	21	18	6
Dry Water Years	4	1	3	2	6	1	5	7	12	12	9	4
Critical Water Years	2	1	2	2	4	0	1	6	9	10	8	3

Table 5A-B3.5.4.5-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	83	30	58	51	125	90	158	259	316	355	287	119
20%	76	25	51	44	108	79	135	236	293	334	269	111
30%	66	24	43	39	94	68	128	221	278	314	242	104
40%	59	21	34	34	80	60	118	191	244	270	214	93
50%	53	19	31	29	64	53	103	171	223	237	190	78
60%	45	16	28	25	59	45	96	141	197	203	154	68
70%	39	13	24	23	42	35	78	109	159	170	136	60
80%	32	10	19	17	28	21	53	80	125	131	98	42
90%	18	7	12	9	21	3	6	50	65	71	59	25

Table 5A-B3.5.4.5-B. CVP South of Delta Agricultural Water Service Contract Annual Total Volume (DEL_CVP_PAG_S), Annual Volume (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52	18	33	30	70	51	96	158	207	229	182	77
Wet Water Years	58	20	35	30	63	72	132	238	295	334	267	111
Above Normal Water Years	57	20	33	36	70	67	125	198	255	274	218	98
Below Normal Water Years	57	19	37	36	87	53	101	154	207	219	169	74
Dry Water Years	50	19	36	30	74	35	73	102	143	158	127	53
Critical Water Years	31	12	22	20	52	8	11	23	48	63	50	21

Table 5A-B3.5.4.5-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 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	1	0	2	2	2	1	4	1	2	0	0	0
20%	2	0	3	1	4	3	2	14	12	7	1	5
30%	2	1	3	0	6	3	3	14	17	31	24	7
40%	5	1	1	2	4	2	5	6	7	11	12	3
50%	3	1	1	1	1	1	4	11	15	16	29	3
60%	0	0	1	1	5	0	4	10	12	13	7	3
70%	0	0	2	0	5	0	1	2	6	-5	0	0
80%	3	0	2	1	-1	0	0	-1	5	6	3	-2
90%	-1	1	-1	0	0	0	0	23	2	3	6	2

Table 5A-B3.5.4.5-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 (2020) minus Existing Conditions

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

B.5.5 CVP South of Delta M&I Water Service Contract Deliveries

Figure 5A-B3.5.5.1-A. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Probability of Exceedance for Existing Condition, October to March

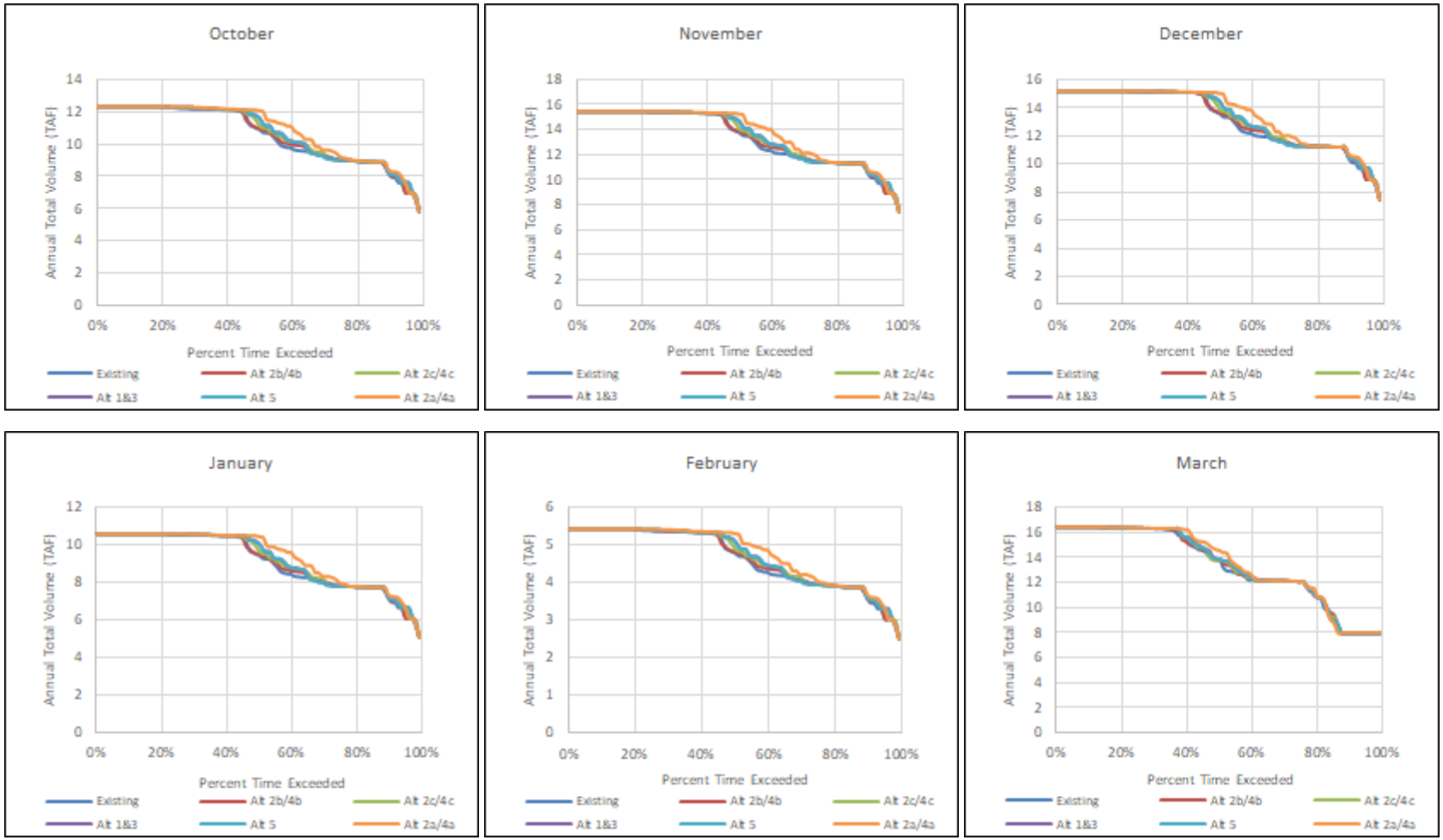


Figure 5A-B3.5.5.1-B. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Probability of Exceedance for Existing Condition, April to September

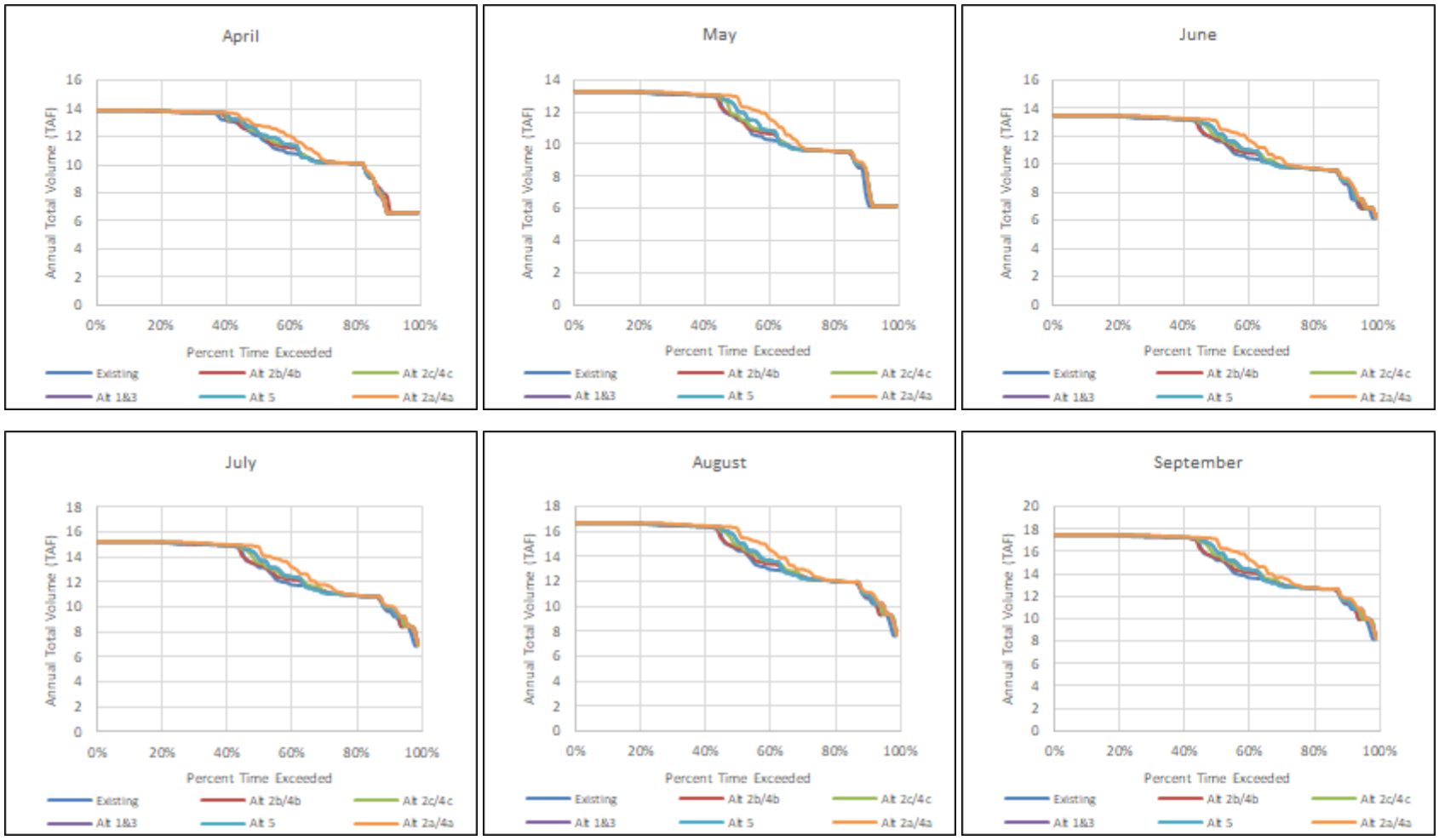


Table 5A-B3.5.5.1-A. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12	16	15	11	5	16	14	13	14	15	17	18
20%	12	15	15	11	5	16	14	13	13	15	17	18
30%	12	15	15	11	5	16	14	13	13	15	17	17
40%	12	15	15	11	5	15	13	13	13	15	16	17
50%	11	14	14	9	5	14	12	12	12	13	15	15
60%	10	12	12	8	4	12	11	10	10	12	13	14
70%	9	12	12	8	4	12	10	10	10	11	13	13
80%	9	11	11	8	4	11	10	10	10	11	12	13
90%	8	11	11	7	4	8	7	7	9	10	11	11

Table 5A-B3.5.5.1-B. CVP South of Delta M&I Water Service Contract Deliveries Annual Total Volume (DEL_CVP_PMI_S), Annual Volume (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11	13	13	9	5	13	11	11	11	13	14	15
Wet Water Years	11	14	13	9	5	16	14	13	13	15	16	17
Above Normal Water Years	11	14	14	10	5	15	13	13	13	14	16	17
Below Normal Water Years	11	14	14	9	5	13	11	11	12	13	14	15
Dry Water Years	11	13	13	9	5	12	10	10	10	11	12	13
Critical Water Years	9	12	11	8	4	9	7	7	8	9	10	11

Table 5A-B3.5.5.1-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12	16	15	11	5	16	14	13	14	15	17	18
20%	12	15	15	11	5	16	14	13	13	15	17	18
30%	12	15	15	11	5	16	14	13	13	15	17	17
40%	12	15	15	11	5	15	13	13	13	15	16	17
50%	11	14	14	10	5	14	12	12	12	13	15	16
60%	10	13	12	9	4	12	11	11	11	12	13	14
70%	9	12	12	8	4	12	10	10	10	11	13	13
80%	9	11	11	8	4	11	10	10	10	11	12	13
90%	8	11	11	7	4	8	8	8	9	10	11	12

Table 5A-B3.5.5.1-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 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11	13	13	9	5	13	12	11	11	13	14	15
Wet Water Years	11	14	14	9	5	16	14	13	13	15	16	17
Above Normal Water Years	11	14	14	10	5	15	13	12	13	14	16	17
Below Normal Water Years	11	14	14	9	5	13	12	11	12	13	14	15
Dry Water Years	11	14	13	9	5	12	10	10	10	11	13	13
Critical Water Years	9	11	11	8	4	9	7	7	8	9	10	11

Table 5A-B3.5.5.1-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 (2020) minus Existing Conditions

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	1	1	0	0	0	0

Table 5A-B3.5.5.1-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 (2020) minus Existing Conditions

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-B3.5.5.2-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12	16	15	11	5	16	14	13	14	15	17	18
20%	12	16	15	11	5	16	14	13	13	15	17	18
30%	12	15	15	11	5	16	14	13	13	15	17	17
40%	12	15	15	11	5	16	14	13	13	15	16	17
50%	11	14	14	10	5	14	12	12	12	14	15	16
60%	10	13	13	9	4	12	11	11	11	12	14	14
70%	9	12	12	8	4	12	10	10	10	11	13	13
80%	9	11	11	8	4	11	10	10	10	11	12	13
90%	8	11	11	7	4	8	7	8	9	10	11	12

Table 5A-B3.5.5.2-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 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11	14	13	9	5	13	12	11	12	13	14	15
Wet Water Years	11	14	14	9	5	16	14	13	13	15	17	17
Above Normal Water Years	11	14	14	10	5	15	13	12	13	14	16	17
Below Normal Water Years	11	14	14	9	5	13	12	12	12	13	15	15
Dry Water Years	11	14	13	9	5	12	10	10	10	11	13	13
Critical Water Years	9	11	11	8	4	9	7	7	8	9	10	11

Table 5A-B3.5.5.2-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 (2020) minus Existing Conditions

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	1	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	1	0	0	0	0

Table 5A-B3.5.5.2-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 (2020) minus Existing Conditions

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-B3.5.5.3-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12	16	15	11	5	16	14	13	14	15	17	18
20%	12	16	15	11	5	16	14	13	13	15	17	18
30%	12	15	15	11	5	16	14	13	13	15	17	17
40%	12	15	15	11	5	16	14	13	13	15	16	17
50%	12	15	15	10	5	14	12	12	12	14	16	16
60%	10	13	13	9	4	13	11	11	11	12	14	14
70%	9	12	12	8	4	12	10	10	10	11	12	13
80%	9	11	11	8	4	11	10	10	10	11	12	13
90%	8	11	11	7	4	8	7	9	9	10	11	12

Table 5A-B3.5.5.3-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 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11	14	13	9	5	13	12	11	12	13	14	15
Wet Water Years	11	14	14	9	5	16	14	13	13	15	17	17
Above Normal Water Years	11	14	14	10	5	15	13	13	13	15	16	17
Below Normal Water Years	11	14	14	9	5	13	12	12	12	13	15	15
Dry Water Years	11	14	13	9	5	12	10	10	10	11	12	13
Critical Water Years	9	12	11	8	4	9	7	7	8	9	10	11

Table 5A-B3.5.5.3-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 (2020) minus Existing Conditions

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%	1	1	1	1	0	0	0	1	1	1	1	1
60%	0	1	1	0	0	0	1	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	1	0	0	0	0

Table 5A-B3.5.5.3-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 (2020) minus Existing Conditions

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-B3.5.5.4-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12	16	15	11	5	16	14	13	14	15	17	18
20%	12	16	15	11	5	16	14	13	14	15	17	18
30%	12	15	15	11	5	16	14	13	13	15	17	17
40%	12	15	15	11	5	16	14	13	13	15	17	17
50%	12	15	15	10	5	15	13	13	13	15	16	17
60%	11	14	14	10	5	13	12	12	12	13	15	15
70%	10	12	12	8	4	12	10	10	10	12	13	14
80%	9	11	11	8	4	11	10	10	10	11	12	13
90%	9	11	11	8	4	8	7	9	9	10	11	12

Table 5A-B3.5.5.4-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 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11	14	14	9	5	14	12	11	12	13	15	15
Wet Water Years	11	14	14	10	5	16	14	13	13	15	17	17
Above Normal Water Years	12	15	14	10	5	16	13	13	13	15	17	17
Below Normal Water Years	11	14	14	10	5	13	12	12	12	14	15	16
Dry Water Years	11	14	13	9	5	12	11	10	10	12	13	13
Critical Water Years	9	12	12	8	4	9	7	7	8	10	11	11

Table 5A-B3.5.5.4-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 (2020) minus Existing Conditions

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	1	1	0	0	0	0	0
50%	1	1	1	1	1	1	1	1	1	2	2	2
60%	1	2	2	1	1	0	1	1	1	2	2	2
70%	0	0	0	0	0	0	0	0	1	0	1	1
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	1	0	0	0	0

Table 5A-B3.5.5.4-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 (2020) minus Existing Conditions

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	1	1	1	0	0	0	1	1	1	1	1	1
Below Normal Water Years	0	0	0	0	0	0	1	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-B3.5.5.5-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 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	12	16	15	11	5	16	14	13	14	15	17	18
20%	12	16	15	11	5	16	14	13	13	15	17	18
30%	12	15	15	11	5	16	14	13	13	15	17	17
40%	12	15	15	11	5	16	14	13	13	15	16	17
50%	12	15	15	10	5	14	12	12	12	14	15	16
60%	10	13	13	9	4	13	11	11	11	12	14	14
70%	9	12	12	8	4	12	10	10	10	11	12	13
80%	9	11	11	8	4	11	10	10	10	11	12	13
90%	8	11	11	7	4	8	7	9	9	10	11	12

Table 5A-B3.5.5.5-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 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	11	14	13	9	5	13	12	11	12	13	14	15
Wet Water Years	11	14	14	9	5	16	14	13	13	15	17	17
Above Normal Water Years	11	14	14	10	5	15	13	13	13	15	16	17
Below Normal Water Years	11	14	14	9	5	13	12	12	12	13	15	15
Dry Water Years	11	14	13	9	5	12	10	10	10	11	12	13
Critical Water Years	9	12	11	8	4	9	7	7	8	9	10	11

Table 5A-B3.5.5.5-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 (2020) minus Existing Conditions

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%	1	1	1	1	0	0	0	1	1	1	1	1
60%	0	1	1	0	0	0	1	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	1	0	0	0	0

Table 5A-B3.5.5.5-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 (2020) minus Existing Conditions

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-B3.5.6.1-A. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Probability of Exceedance for Existing Condition, October to March

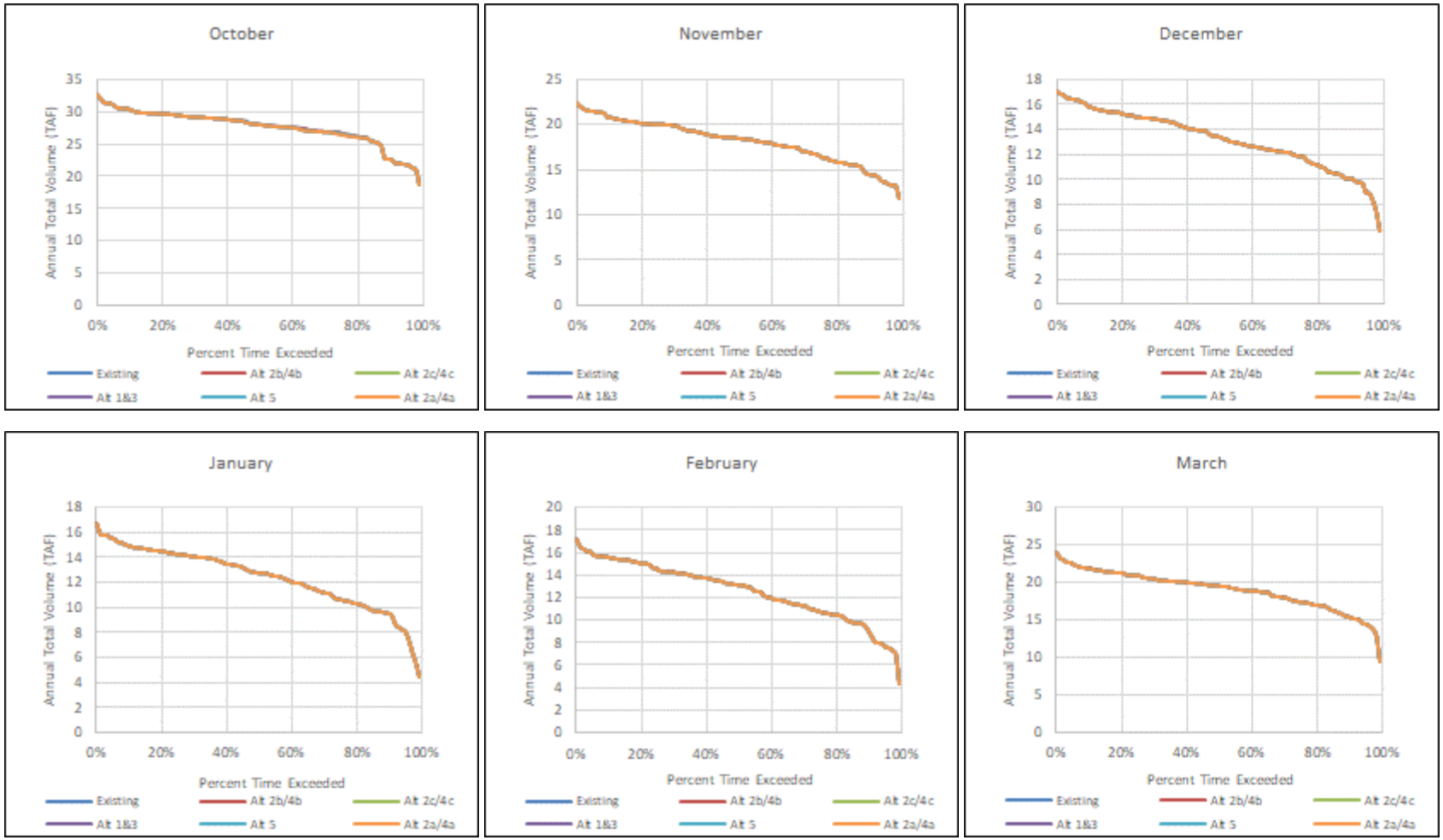


Figure 5A-B3.5.6.1-B. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Probability of Exceedance for Existing Condition, April to September

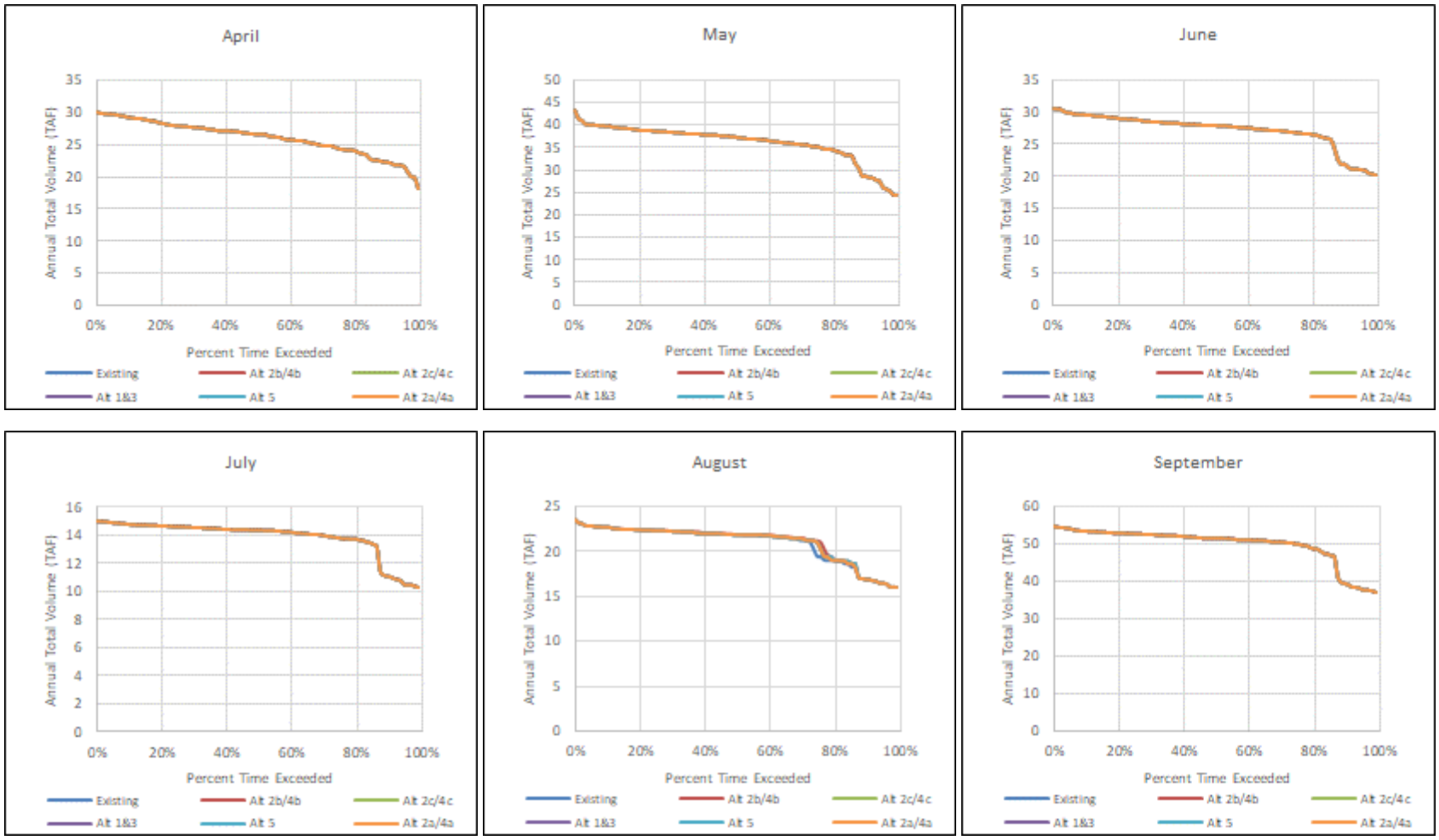


Table 5A-B3.5.6.1-A. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Existing Condition

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	15	15	21	28	39	29	15	22	53
30%	29	20	15	14	14	21	28	38	29	15	22	52
40%	29	19	14	14	14	20	27	38	28	14	22	52
50%	28	19	13	13	13	20	27	37	28	14	22	51
60%	28	18	13	12	12	19	26	37	28	14	22	51
70%	27	17	12	11	11	18	25	36	27	14	21	50
80%	26	16	11	10	11	17	24	35	27	14	19	49
90%	23	15	10	10	9	15	22	29	22	11	17	40

Table 5A-B3.5.6.1-B. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Annual Volume (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	28	18	13	12	13	19	26	36	27	14	21	50
Wet Water Years	28	18	13	12	12	18	25	38	28	14	22	52
Above Normal Water Years	28	18	13	13	12	19	27	37	28	14	21	52
Below Normal Water Years	29	18	14	13	13	20	27	38	28	14	21	51
Dry Water Years	28	19	14	13	13	20	27	36	28	14	22	50
Critical Water Years	25	17	13	12	12	18	25	30	22	11	18	41

Table 5A-B3.5.6.1-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 (2020)

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	15	15	21	28	39	29	15	23	53
30%	29	20	15	14	14	21	28	38	29	15	22	52
40%	29	19	14	14	14	20	27	38	28	14	22	52
50%	28	19	13	13	13	20	27	37	28	14	22	51
60%	28	18	13	12	12	19	26	37	28	14	22	51
70%	27	17	12	11	11	18	25	36	27	14	22	50
80%	26	16	11	10	11	17	24	35	27	14	19	49
90%	23	15	10	10	9	15	22	29	22	11	17	40

Table 5A-B3.5.6.1-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 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	28	18	13	12	13	19	26	36	27	14	21	50
Wet Water Years	28	18	13	12	12	18	25	38	28	14	22	52
Above Normal Water Years	28	18	13	13	12	19	27	37	28	14	22	52
Below Normal Water Years	29	18	14	13	13	20	27	38	28	14	21	51
Dry Water Years	28	19	14	13	13	20	27	36	28	14	22	50
Critical Water Years	25	17	13	12	12	18	25	30	22	11	18	41

Table 5A-B3.5.6.1-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 (2020) minus Existing Conditions

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-B3.5.6.1-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 (2020) minus Existing Conditions

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-B3.5.6.2-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 (2020)

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	15	15	21	28	39	29	15	22	53
30%	29	20	15	14	14	21	28	38	29	15	22	52
40%	29	19	14	14	14	20	27	38	28	14	22	52
50%	28	19	13	13	13	20	27	37	28	14	22	51
60%	28	18	13	12	12	19	26	37	28	14	22	51
70%	27	17	12	11	11	18	25	36	27	14	21	50
80%	26	16	11	10	11	17	24	35	27	14	19	49
90%	23	15	10	10	9	15	22	29	22	11	17	40

Table 5A-B3.5.6.2-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 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	28	18	13	12	13	19	26	36	27	14	21	50
Wet Water Years	28	18	13	12	12	18	25	38	28	14	22	52
Above Normal Water Years	28	18	13	13	12	19	27	37	28	14	22	52
Below Normal Water Years	29	18	14	13	13	20	27	38	28	14	22	51
Dry Water Years	28	19	14	13	13	20	27	36	28	14	22	50
Critical Water Years	25	17	13	12	12	18	25	30	22	11	18	41

Table 5A-B3.5.6.2-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 (2020) minus Existing Conditions

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-B3.5.6.2-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 (2020) minus Existing Conditions

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-B3.5.6.3-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 (2020)

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	15	15	21	28	39	29	15	22	53
30%	29	20	15	14	14	21	28	38	29	15	22	52
40%	29	19	14	14	14	20	27	38	28	14	22	52
50%	28	19	13	13	13	20	27	37	28	14	22	51
60%	28	18	13	12	12	19	26	37	28	14	22	51
70%	27	17	12	11	11	18	25	36	27	14	21	50
80%	26	16	11	10	11	17	24	35	27	14	19	49
90%	23	15	10	10	9	15	22	29	22	11	17	40

Table 5A-B3.5.6.3-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 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	28	18	13	12	13	19	26	36	27	14	21	50
Wet Water Years	28	18	13	12	12	18	25	38	28	14	22	52
Above Normal Water Years	28	18	13	13	12	19	27	37	28	14	22	52
Below Normal Water Years	29	18	14	13	13	20	27	38	28	14	22	51
Dry Water Years	28	19	14	13	13	20	27	36	28	14	22	50
Critical Water Years	25	17	13	12	12	18	25	30	22	11	18	41

Table 5A-B3.5.6.3-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 (2020) minus Existing Conditions

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-B3.5.6.3-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 (2020) minus Existing Conditions

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-B3.5.6.4-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 (2020)

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	15	15	21	28	39	29	15	22	53
30%	29	20	15	14	14	21	28	38	29	15	22	52
40%	29	19	14	14	14	20	27	38	28	14	22	52
50%	28	19	13	13	13	20	27	37	28	14	22	51
60%	28	18	13	12	12	19	26	37	28	14	22	51
70%	27	17	12	11	11	18	25	36	27	14	22	50
80%	26	16	11	10	11	17	24	35	27	14	19	49
90%	23	15	10	10	9	15	22	29	22	11	17	40

Table 5A-B3.5.6.4-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 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	28	18	13	12	13	19	26	36	27	14	21	50
Wet Water Years	28	18	13	12	12	18	25	38	28	14	22	52
Above Normal Water Years	28	18	13	13	12	19	27	37	28	14	21	52
Below Normal Water Years	29	18	14	13	13	20	27	38	28	14	22	51
Dry Water Years	28	19	14	13	13	20	27	36	28	14	22	50
Critical Water Years	25	17	13	12	12	18	25	30	22	11	18	41

Table 5A-B3.5.6.4-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 (2020) minus Existing Conditions

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-B3.5.6.4-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 (2020) minus Existing Conditions

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-B3.5.6.5-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 (2020)

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	15	15	21	28	39	29	15	22	53
30%	29	20	15	14	14	21	28	38	29	15	22	52
40%	29	19	14	14	14	20	27	38	28	14	22	52
50%	28	19	13	13	13	20	27	37	28	14	22	51
60%	28	18	13	12	12	19	26	37	28	14	22	51
70%	27	17	12	11	11	18	25	36	27	14	21	50
80%	26	16	11	10	11	17	24	35	27	14	19	49
90%	23	15	10	10	9	15	22	29	22	11	17	40

Table 5A-B3.5.6.5-B. CVP South of Delta CVP Refuge Level 2 Deliveries Annual Total Volume (DEL_CVP_PRF_S), Annual Volume (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	28	18	13	12	13	19	26	36	27	14	21	50
Wet Water Years	28	18	13	12	12	18	25	38	28	14	22	52
Above Normal Water Years	28	18	13	13	12	19	27	37	28	14	22	52
Below Normal Water Years	29	18	14	13	13	20	27	38	28	14	22	51
Dry Water Years	28	19	14	13	13	20	27	36	28	14	22	50
Critical Water Years	25	17	13	12	12	18	25	30	22	11	18	41

Table 5A-B3.5.6.5-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 (2020) minus Existing Conditions

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-B3.5.6.5-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 (2020) minus Existing Conditions

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-B3.5.7.1-A. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Probability of Exceedance for Existing Condition, October to March

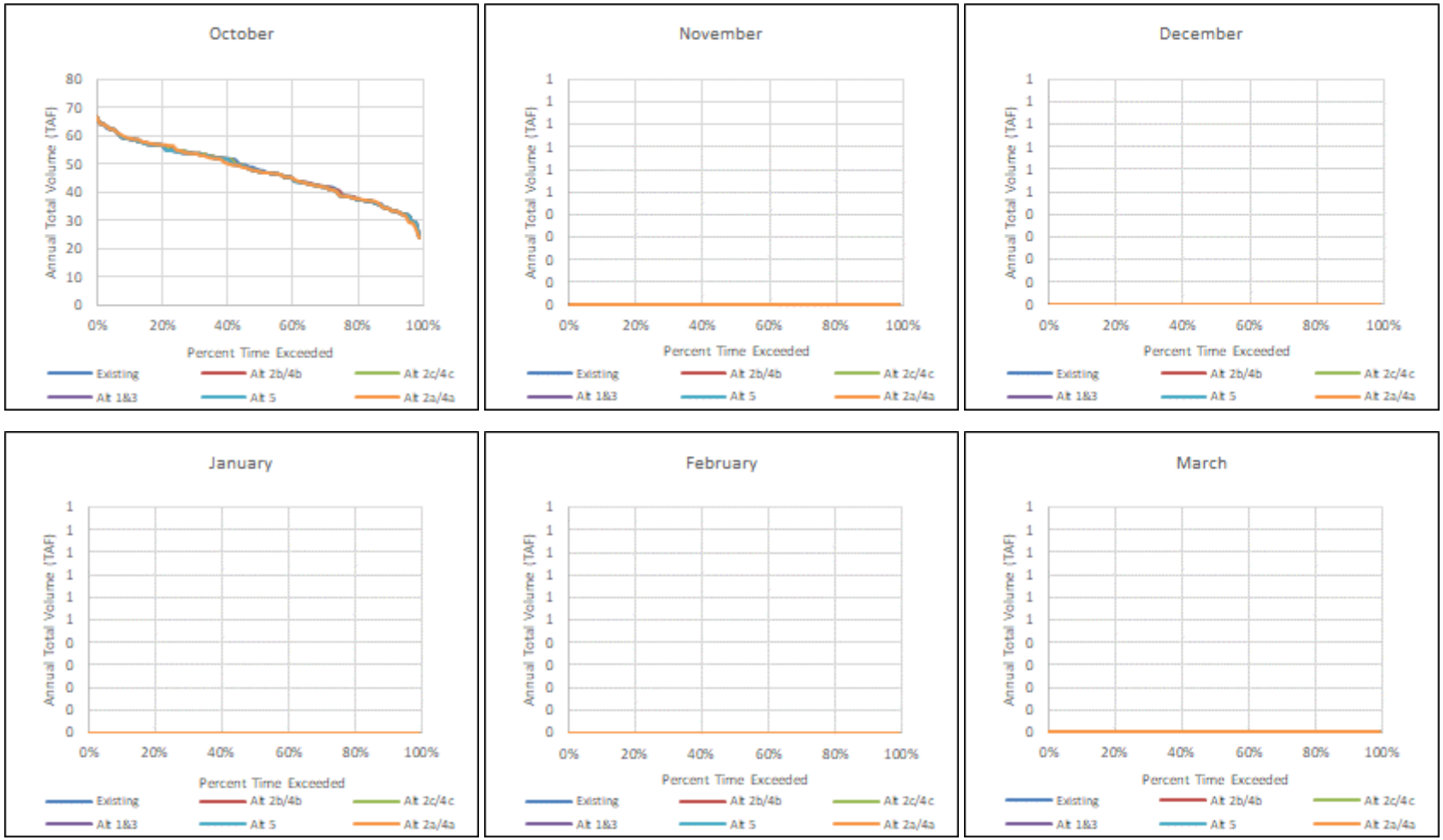


Figure 5A-B3.5.7.1-B. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Probability of Exceedance for Existing Condition, April to September

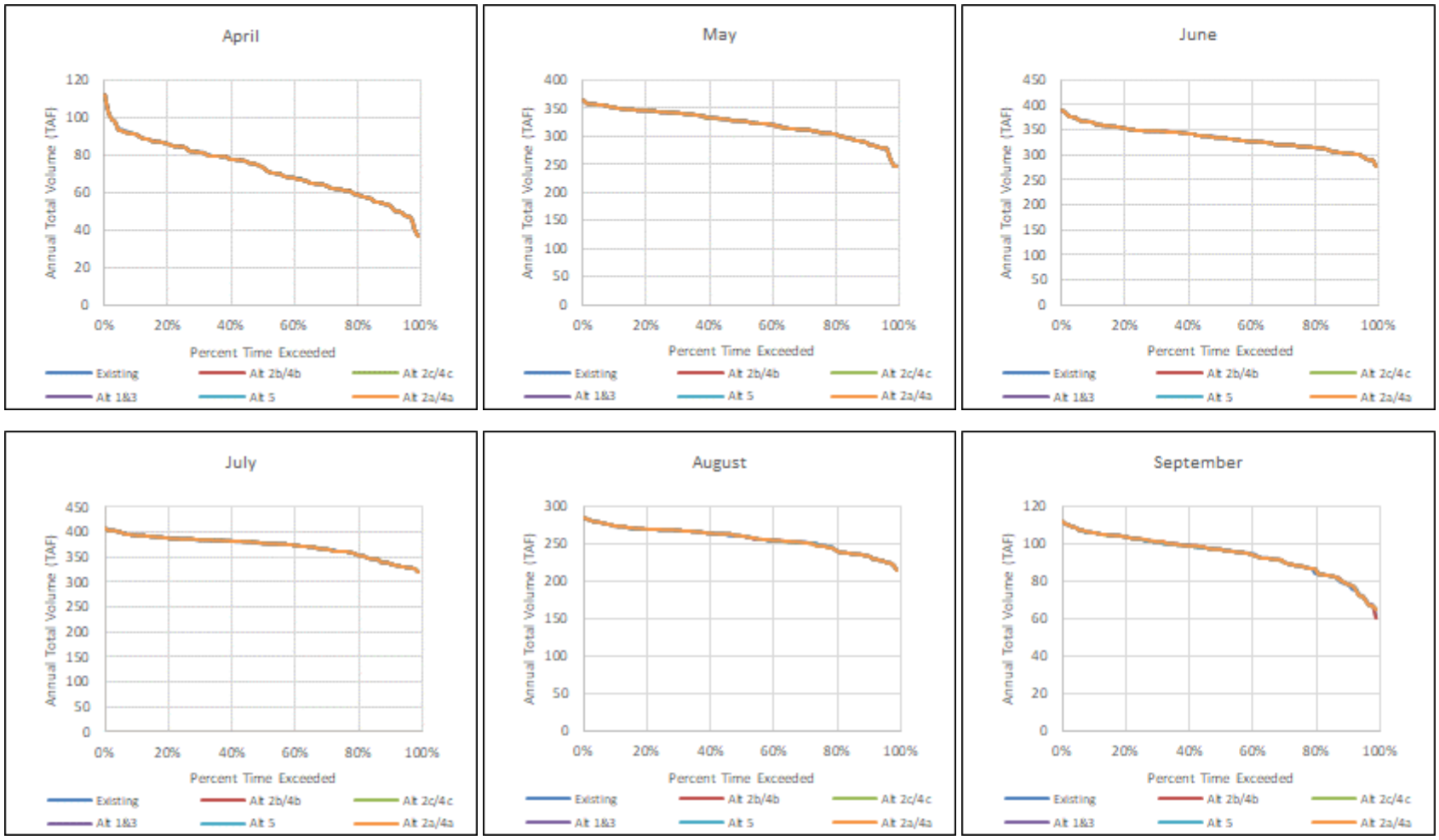


Table 5A-B3.5.7.1-A. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Exceedance Probabilities for Annual Volume (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59	0	0	0	0	0	91	352	363	393	273	106
20%	57	0	0	0	0	0	86	347	352	387	269	104
30%	54	0	0	0	0	0	82	343	347	384	268	101
40%	52	0	0	0	0	0	78	334	342	381	264	99
50%	48	0	0	0	0	0	74	328	334	377	260	97
60%	45	0	0	0	0	0	68	321	326	374	255	95
70%	42	0	0	0	0	0	65	313	319	365	251	91
80%	38	0	0	0	0	0	60	305	314	355	243	86
90%	35	0	0	0	0	0	54	290	303	338	234	79

Table 5A-B3.5.7.1-B. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Annual Volume (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	48	0	0	0	0	0	73	324	333	372	257	94
Wet Water Years	46	0	0	0	0	0	67	324	328	370	260	96
Above Normal Water Years	45	0	0	0	0	0	68	327	328	377	254	101
Below Normal Water Years	50	0	0	0	0	0	77	330	345	382	261	91
Dry Water Years	49	0	0	0	0	0	78	328	348	381	264	96
Critical Water Years	49	0	0	0	0	0	80	308	316	346	237	89

Table 5A-B3.5.7.1-C. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59	0	0	0	0	0	91	352	363	393	273	106
20%	57	0	0	0	0	0	86	347	352	387	269	104
30%	54	0	0	0	0	0	82	343	347	384	268	101
40%	52	0	0	0	0	0	78	334	342	382	264	99
50%	47	0	0	0	0	0	74	328	333	377	261	97
60%	45	0	0	0	0	0	68	321	326	374	255	95
70%	42	0	0	0	0	0	65	313	319	365	251	91
80%	38	0	0	0	0	0	60	305	314	355	243	87
90%	35	0	0	0	0	0	54	290	303	338	234	80

Table 5A-B3.5.7.1-D. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Annual Volume (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	48	0	0	0	0	0	73	324	333	372	257	95
Wet Water Years	46	0	0	0	0	0	67	324	328	370	260	96
Above Normal Water Years	45	0	0	0	0	0	68	327	328	378	254	101
Below Normal Water Years	50	0	0	0	0	0	77	330	345	382	261	91
Dry Water Years	48	0	0	0	0	0	78	328	348	381	264	96
Critical Water Years	49	0	0	0	0	0	80	307	316	346	237	90

Table 5A-B3.5.7.1-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 (2020) minus Existing Conditions

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	-1	0	0	0	0
50%	-1	0	0	0	0	0	0	0	0	1	1	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	1
90%	0	0	0	0	0	0	0	0	0	0	0	1

Table 5A-B3.5.7.1-F. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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	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	-1	0	0	0	1

Table 5A-B3.5.7.2-A. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59	0	0	0	0	0	91	352	364	393	273	106
20%	57	0	0	0	0	0	86	347	352	387	269	104
30%	54	0	0	0	0	0	82	343	347	384	268	101
40%	52	0	0	0	0	0	78	334	342	381	264	99
50%	47	0	0	0	0	0	74	328	333	377	261	97
60%	45	0	0	0	0	0	68	321	326	374	255	95
70%	42	0	0	0	0	0	65	313	319	365	251	91
80%	38	0	0	0	0	0	60	305	314	355	243	87
90%	35	0	0	0	0	0	54	290	303	338	234	80

Table 5A-B3.5.7.2-B. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Annual Volume (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	47	0	0	0	0	0	73	324	333	372	257	95
Wet Water Years	46	0	0	0	0	0	67	324	328	370	260	96
Above Normal Water Years	45	0	0	0	0	0	68	327	328	377	254	101
Below Normal Water Years	50	0	0	0	0	0	77	330	345	382	262	91
Dry Water Years	48	0	0	0	0	0	78	328	348	381	264	96
Critical Water Years	49	0	0	0	0	0	80	307	316	346	237	90

Table 5A-B3.5.7.2-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 (2020) minus Existing Conditions

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	-1	0	0	0	0
50%	-1	0	0	0	0	0	0	0	0	1	1	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	1
90%	0	0	0	0	0	0	0	0	0	0	0	1

Table 5A-B3.5.7.2-D. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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	-1	0	0	0	1

Table 5A-B3.5.7.3-A. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59	0	0	0	0	0	91	352	364	393	273	106
20%	57	0	0	0	0	0	86	347	352	387	269	104
30%	54	0	0	0	0	0	82	343	347	384	268	101
40%	52	0	0	0	0	0	78	334	342	381	264	99
50%	47	0	0	0	0	0	74	328	333	377	261	97
60%	45	0	0	0	0	0	68	322	326	374	255	95
70%	42	0	0	0	0	0	65	313	319	365	252	91
80%	38	0	0	0	0	0	60	305	314	355	243	87
90%	35	0	0	0	0	0	54	290	303	338	234	80

Table 5A-B3.5.7.3-B. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Annual Volume (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	47	0	0	0	0	0	73	324	333	372	257	95
Wet Water Years	46	0	0	0	0	0	67	324	328	370	260	96
Above Normal Water Years	45	0	0	0	0	0	68	327	328	377	254	101
Below Normal Water Years	50	0	0	0	0	0	77	330	345	382	262	91
Dry Water Years	48	0	0	0	0	0	78	328	348	381	264	96
Critical Water Years	48	0	0	0	0	0	80	308	316	346	237	90

Table 5A-B3.5.7.3-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 (2020) minus Existing Conditions

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%	-1	0	0	0	0	0	0	0	0	1	1	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	1
90%	0	0	0	0	0	0	0	0	0	0	0	1

Table 5A-B3.5.7.3-D. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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	1

Table 5A-B3.5.7.4-A. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59	0	0	0	0	0	91	352	364	393	273	106
20%	57	0	0	0	0	0	86	347	352	387	269	104
30%	54	0	0	0	0	0	82	343	347	384	268	101
40%	50	0	0	0	0	0	78	334	342	381	264	99
50%	47	0	0	0	0	0	74	328	333	377	261	97
60%	45	0	0	0	0	0	68	322	326	374	255	95
70%	42	0	0	0	0	0	65	313	319	365	251	91
80%	38	0	0	0	0	0	60	305	314	355	243	87
90%	35	0	0	0	0	0	54	290	303	338	234	80

Table 5A-B3.5.7.4-B. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Annual Volume (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	47	0	0	0	0	0	73	324	333	372	257	95
Wet Water Years	46	0	0	0	0	0	67	324	328	370	260	96
Above Normal Water Years	45	0	0	0	0	0	68	327	328	377	254	101
Below Normal Water Years	50	0	0	0	0	0	77	330	345	382	262	91
Dry Water Years	48	0	0	0	0	0	78	328	348	381	264	96
Critical Water Years	48	0	0	0	0	0	80	308	316	346	237	90

Table 5A-B3.5.7.4-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 (2020) minus Existing Conditions

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%	-2	0	0	0	0	0	0	0	0	0	0	0
50%	-1	0	0	0	0	0	0	0	0	1	1	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	1
90%	0	0	0	0	0	0	0	0	0	0	0	1

Table 5A-B3.5.7.4-D. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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	-1	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	1

Table 5A-B3.5.7.5-A. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59	0	0	0	0	0	91	352	364	393	273	106
20%	57	0	0	0	0	0	86	347	352	387	269	104
30%	54	0	0	0	0	0	82	343	347	384	268	101
40%	52	0	0	0	0	0	78	334	342	382	264	99
50%	47	0	0	0	0	0	74	328	333	377	261	97
60%	45	0	0	0	0	0	68	322	326	374	255	95
70%	42	0	0	0	0	0	65	313	319	365	252	91
80%	38	0	0	0	0	0	60	305	314	355	243	87
90%	35	0	0	0	0	0	54	290	303	338	234	80

Table 5A-B3.5.7.5-B. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Annual Volume (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	47	0	0	0	0	0	73	324	333	372	257	95
Wet Water Years	46	0	0	0	0	0	67	324	328	370	260	96
Above Normal Water Years	45	0	0	0	0	0	68	327	328	378	254	101
Below Normal Water Years	50	0	0	0	0	0	77	330	345	382	262	91
Dry Water Years	48	0	0	0	0	0	78	328	348	381	264	96
Critical Water Years	48	0	0	0	0	0	80	308	316	346	237	90

Table 5A-B3.5.7.5-C. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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%	-1	0	0	0	0	0	0	0	0	1	1	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	1
90%	0	0	0	0	0	0	0	0	0	0	0	1

Table 5A-B3.5.7.5-D. CVP Settlement Contract Deliveries Annual Total Volume (DEL_CVP_PSC_N), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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	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	1

B.5.8 CVP Exchange Contract Deliveries

Figure 5A-B3.5.8.1-A. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Probability of Exceedance for Existing Condition, October to March

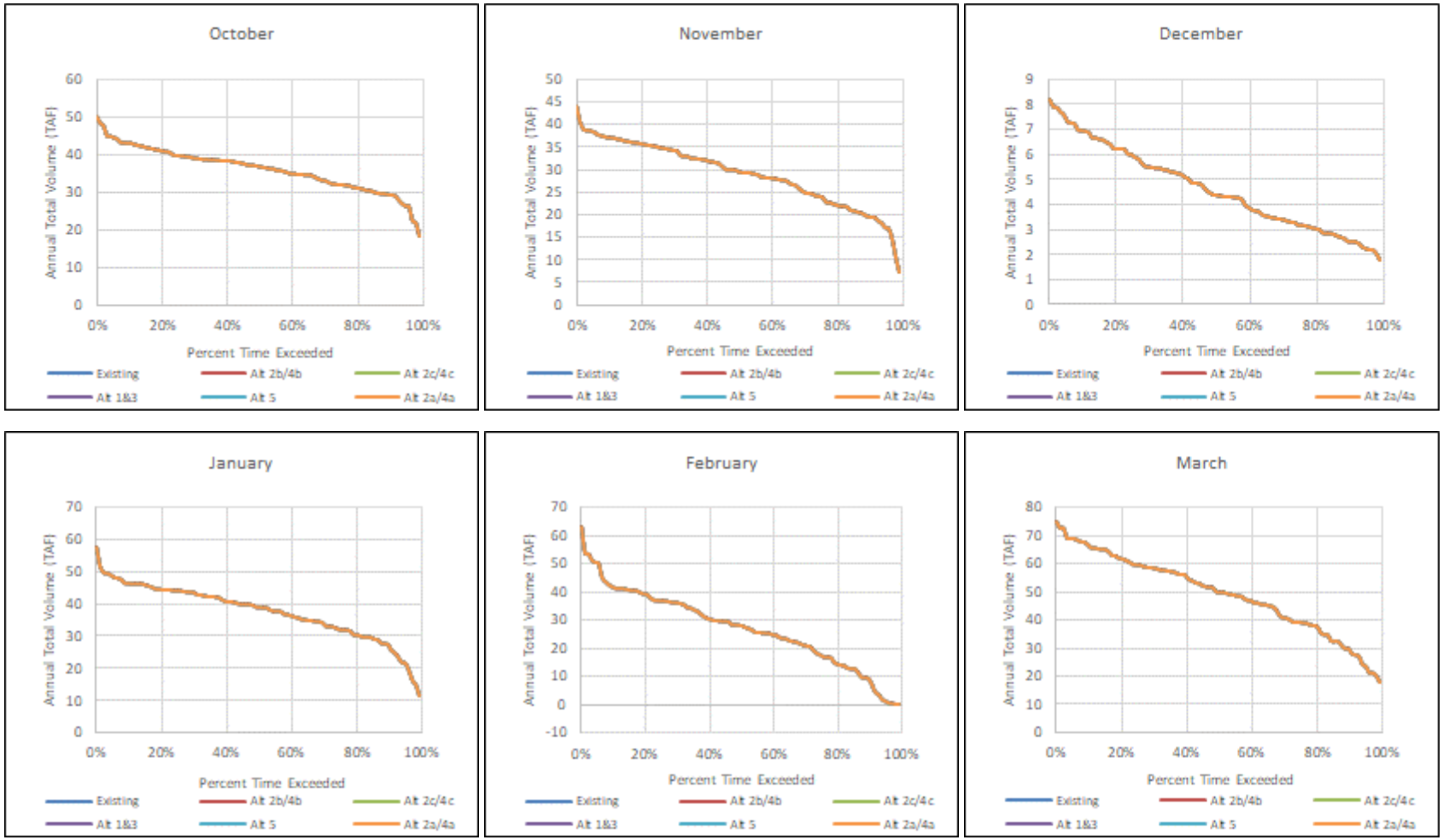


Figure 5A-B3.5.8.1-B. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Probability of Exceedance for Existing Condition, April to September

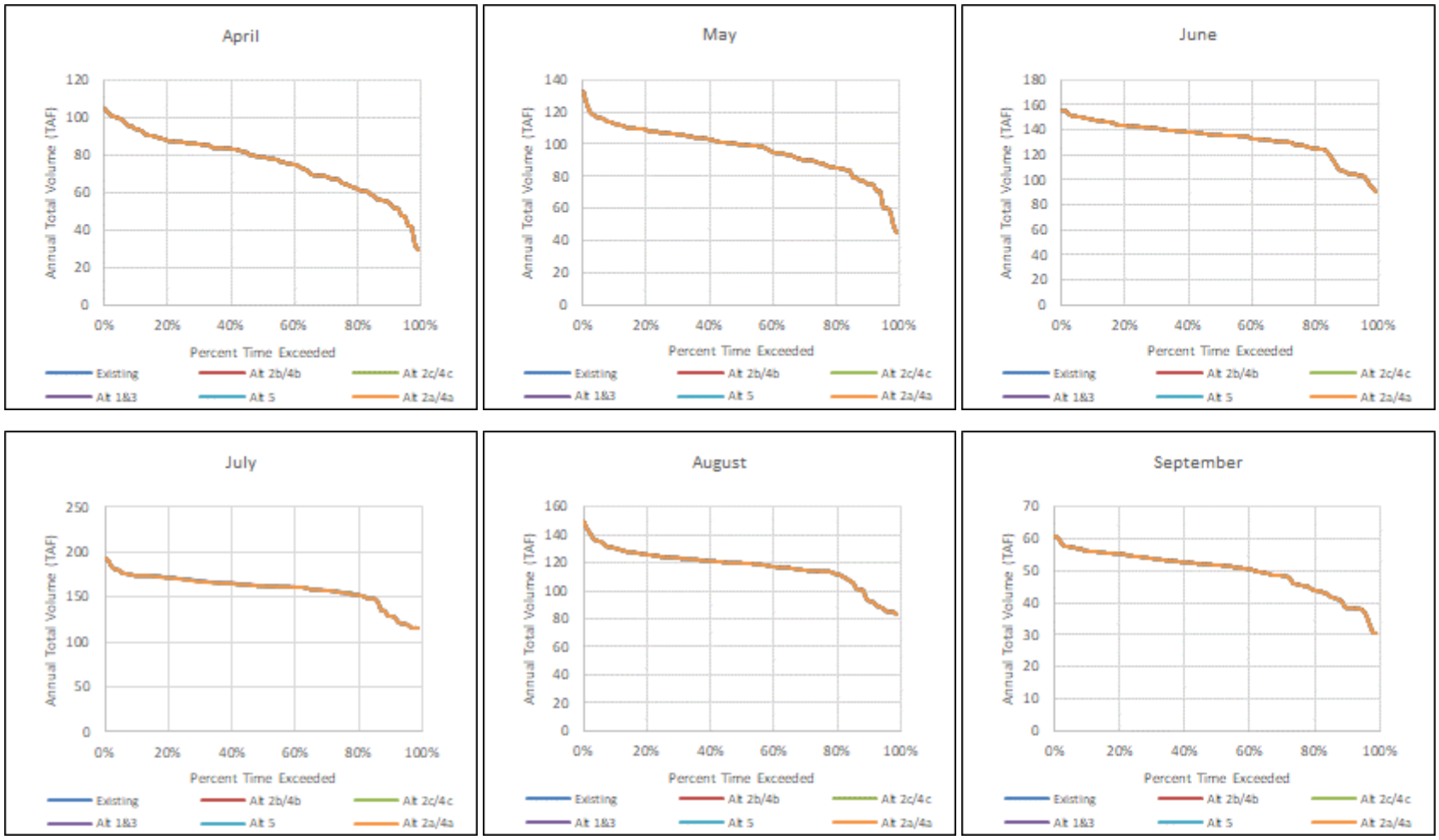


Table 5A-B3.5.8.1-A. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	43	37	7	46	41	66	94	113	148	173	131	56
20%	41	36	6	44	39	62	88	109	143	171	126	55
30%	39	34	6	44	36	58	86	106	141	167	124	54
40%	39	32	5	41	30	56	84	103	138	165	122	53
50%	37	30	4	39	28	50	79	100	135	162	120	52
60%	35	28	4	36	25	47	75	95	133	161	118	51
70%	33	25	3	34	21	41	69	90	130	157	115	49
80%	31	22	3	30	15	38	62	86	125	152	113	44
90%	30	20	3	28	9	30	55	76	106	131	96	39

Table 5A-B3.5.8.1-B. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Annual Volume (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	36	29	5	38	27	49	76	97	133	159	118	50
Wet Water Years	37	29	4	35	20	43	65	103	136	168	126	53
Above Normal Water Years	35	27	4	39	21	48	78	98	135	165	120	54
Below Normal Water Years	37	29	5	41	33	52	82	100	140	164	120	50
Dry Water Years	36	32	5	38	31	56	82	94	137	159	119	50
Critical Water Years	34	29	5	38	34	51	81	79	107	130	94	41

Table 5A-B3.5.8.1-C. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	43	37	7	46	41	66	94	113	148	173	131	56
20%	41	36	6	44	39	62	88	109	143	171	126	55
30%	39	34	6	44	36	58	86	106	141	167	124	54
40%	39	32	5	41	30	56	84	103	138	165	122	53
50%	37	30	4	39	28	50	79	100	135	162	120	52
60%	35	28	4	36	25	47	75	95	133	161	118	51
70%	33	25	3	34	21	41	69	90	130	157	115	49
80%	31	22	3	30	15	38	62	86	125	152	113	44
90%	30	20	3	28	9	30	55	76	106	131	96	39

Table 5A-B3.5.8.1-D. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Annual Volume (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	36	29	5	38	27	49	76	97	133	159	118	50
Wet Water Years	37	29	4	35	20	43	65	103	136	167	126	53
Above Normal Water Years	35	27	4	39	21	48	78	98	135	165	120	54
Below Normal Water Years	37	29	5	41	33	52	82	100	140	164	120	50
Dry Water Years	36	32	5	38	31	56	82	94	137	159	119	50
Critical Water Years	34	29	5	38	34	51	81	79	107	130	94	41

Table 5A-B3.5.8.1-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 (2020) minus Existing Conditions

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-B3.5.8.1-F. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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-B3.5.8.2-A. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	43	37	7	46	41	66	94	113	148	173	131	56
20%	41	36	6	44	39	62	88	109	143	171	126	55
30%	39	34	6	44	36	58	86	106	141	167	124	54
40%	39	32	5	41	30	56	84	103	138	165	122	53
50%	37	30	4	39	28	50	79	100	135	162	120	52
60%	35	28	4	36	25	47	75	95	133	161	118	51
70%	33	25	3	34	21	41	69	90	130	157	115	49
80%	31	22	3	30	15	38	62	86	125	152	113	44
90%	30	20	3	28	9	30	55	76	106	131	96	39

Table 5A-B3.5.8.2-B. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Annual Volume (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	36	29	5	38	27	49	76	97	133	159	118	50
Wet Water Years	37	29	4	35	20	43	65	103	136	167	126	53
Above Normal Water Years	35	27	4	39	21	48	78	98	135	165	120	54
Below Normal Water Years	37	29	5	41	33	52	82	100	140	164	120	50
Dry Water Years	36	32	5	38	31	56	82	94	137	159	119	50
Critical Water Years	34	29	5	38	34	51	81	79	107	130	94	41

Table 5A-B3.5.8.2-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 (2020) minus Existing Conditions

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-B3.5.8.2-D. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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-B3.5.8.3-A. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	43	37	7	46	41	66	94	113	148	173	131	56
20%	41	36	6	44	39	62	88	109	143	171	126	55
30%	39	34	6	44	36	58	86	106	141	168	124	54
40%	39	32	5	41	30	56	84	103	138	165	122	53
50%	37	30	4	39	28	50	79	100	135	162	120	52
60%	35	28	4	36	25	47	75	95	133	161	118	51
70%	33	25	3	34	21	41	69	90	130	157	115	49
80%	31	22	3	30	15	38	62	86	125	152	113	44
90%	30	20	3	28	9	30	55	76	106	131	96	39

Table 5A-B3.5.8.3-B. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Annual Volume (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	36	29	5	38	27	49	76	97	133	159	118	50
Wet Water Years	37	29	4	35	20	43	65	103	136	168	126	53
Above Normal Water Years	35	27	4	39	21	48	78	98	135	165	120	54
Below Normal Water Years	37	29	5	41	33	52	82	100	140	164	120	50
Dry Water Years	36	32	5	38	31	56	82	94	137	159	119	50
Critical Water Years	34	29	5	38	34	51	81	79	107	130	94	41

Table 5A-B3.5.8.3-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 (2020) minus Existing Conditions

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	1	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-B3.5.8.3-D. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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-B3.5.8.4-A. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	43	37	7	46	41	66	94	113	148	173	131	56
20%	41	36	6	44	39	62	88	109	143	171	126	55
30%	39	34	6	44	36	58	86	106	141	167	124	54
40%	39	32	5	41	30	56	84	103	138	165	122	53
50%	37	30	4	39	28	50	79	100	135	162	120	52
60%	35	28	4	36	25	47	75	95	133	161	118	51
70%	33	25	3	34	21	41	69	90	130	157	115	49
80%	31	22	3	30	15	38	62	86	125	152	113	44
90%	30	20	3	28	9	30	55	76	106	131	96	39

Table 5A-B3.5.8.4-B. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Annual Volume (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	36	29	5	38	27	49	76	97	133	159	118	50
Wet Water Years	37	29	4	35	20	43	65	103	136	167	126	53
Above Normal Water Years	35	27	4	39	21	48	78	98	135	165	120	54
Below Normal Water Years	37	29	5	41	33	52	82	100	140	164	120	50
Dry Water Years	36	32	5	38	31	56	82	94	137	159	119	50
Critical Water Years	34	29	5	38	34	51	81	79	107	130	94	41

Table 5A-B3.5.8.4-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 (2020) minus Existing Conditions

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-B3.5.8.4-D. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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-B3.5.8.5-A. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	43	37	7	46	41	66	94	113	148	173	131	56
20%	41	36	6	44	39	62	88	109	143	171	126	55
30%	39	34	6	44	36	58	86	106	141	167	124	54
40%	39	32	5	41	30	56	84	103	138	165	122	53
50%	37	30	4	39	28	50	79	100	135	162	120	52
60%	35	28	4	36	25	47	75	95	133	161	118	51
70%	33	25	3	34	21	41	69	90	130	157	115	49
80%	31	22	3	30	15	38	62	86	125	152	113	44
90%	30	20	3	28	9	30	55	76	106	131	96	39

Table 5A-B3.5.8.5-B. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Annual Volume (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	36	29	5	38	27	49	76	97	133	159	118	50
Wet Water Years	37	29	4	35	20	43	65	103	136	167	126	53
Above Normal Water Years	35	27	4	39	21	48	78	98	135	165	120	54
Below Normal Water Years	37	29	5	41	33	52	82	100	140	164	120	50
Dry Water Years	36	32	5	38	31	56	82	94	137	159	119	50
Critical Water Years	34	29	5	38	34	51	81	79	107	130	94	41

Table 5A-B3.5.8.5-C. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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-B3.5.8.5-D. CVP Exchange Contract Deliveries Annual Total Volume (DEL_CVP_PEX_S), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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-B3.5.9.1-A. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Probability of Exceedance for Existing Condition, October to March

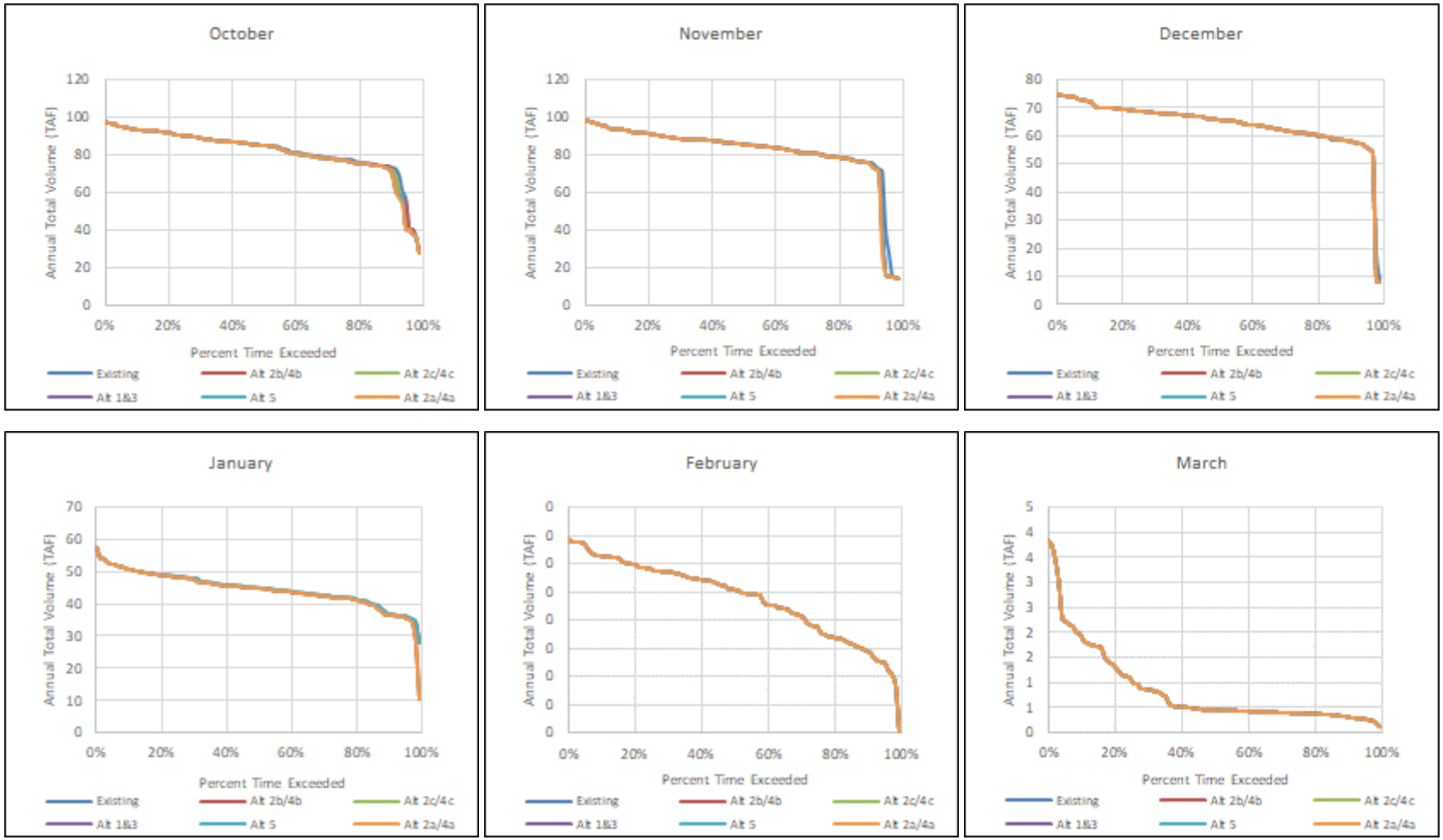


Figure 5A-B3.5.9.1-B. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Probability of Exceedance for Existing Condition, April to September

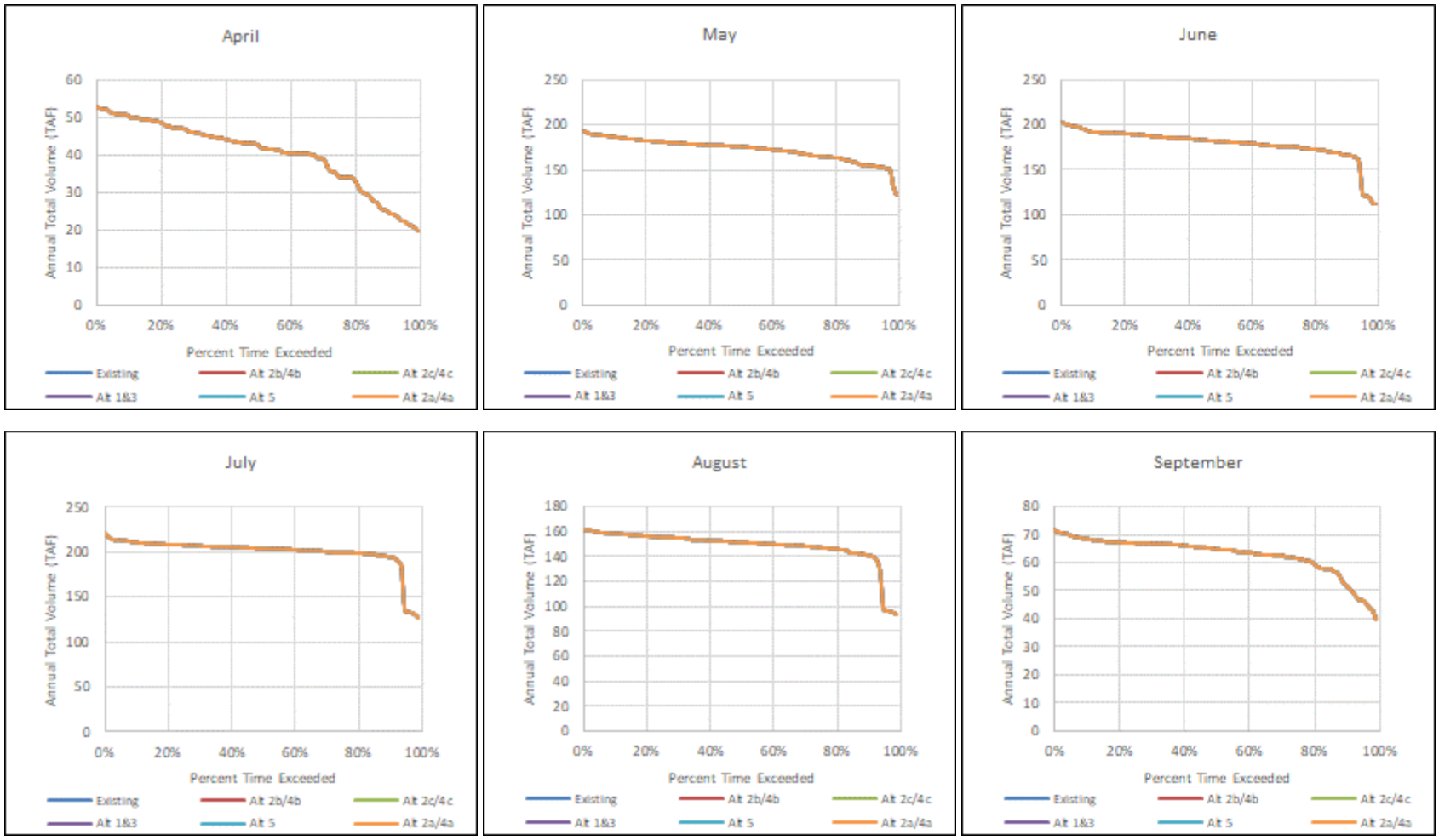


Table 5A-B3.5.9.1-A. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Exceedance Probabilities for Annual Volume (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	94	93	72	51	0	2	51	187	191	211	158	69
20%	92	91	69	49	0	1	49	183	189	209	156	68
30%	89	88	68	48	0	1	46	180	186	207	155	67
40%	87	87	67	46	0	1	44	178	184	206	153	66
50%	85	86	65	45	0	0	43	176	181	204	151	65
60%	82	84	64	44	0	0	41	173	179	203	150	64
70%	79	81	62	43	0	0	39	169	175	201	149	63
80%	77	79	60	42	0	0	34	164	172	199	146	60
90%	74	76	58	37	0	0	25	156	166	195	142	53

Table 5A-B3.5.9.1-B. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Annual Volume (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	82	82	64	45	0	1	41	173	178	201	149	63
Wet Water Years	81	80	61	42	0	1	36	172	178	203	152	64
Above Normal Water Years	85	79	64	44	0	1	41	173	179	205	149	67
Below Normal Water Years	83	84	66	47	0	1	42	175	184	205	151	62
Dry Water Years	83	84	64	46	0	1	43	176	186	205	153	65
Critical Water Years	82	85	67	49	0	2	45	170	159	180	133	58

Table 5A-B3.5.9.1-C. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	94	93	72	51	0	2	51	187	191	211	158	69
20%	92	91	69	49	0	1	49	183	189	209	156	68
30%	89	88	68	48	0	1	46	180	186	207	155	67
40%	87	87	67	46	0	1	44	178	184	206	153	66
50%	85	85	65	45	0	0	43	176	181	204	151	65
60%	81	84	64	44	0	0	41	173	179	203	150	64
70%	78	81	62	43	0	0	39	169	175	201	149	63
80%	76	78	60	41	0	0	34	164	172	199	146	60
90%	74	75	58	37	0	0	25	156	166	195	142	53

Table 5A-B3.5.9.1-D. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Annual Volume (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	82	81	64	45	0	1	41	173	178	201	149	63
Wet Water Years	81	80	61	42	0	1	36	172	178	203	152	64
Above Normal Water Years	85	78	63	44	0	1	41	173	179	205	149	67
Below Normal Water Years	83	83	66	47	0	1	42	175	184	205	151	62
Dry Water Years	83	84	63	45	0	1	43	176	186	205	153	65
Critical Water Years	80	79	67	49	0	2	45	170	159	180	133	58

Table 5A-B3.5.9.1-E. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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%	-1	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.5.9.1-F. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	-1	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	-1	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	-1	-1	0	0	0	0	0	0	0	0
Critical Water Years	-2	-5	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.5.9.2-A. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	94	93	72	51	0	2	51	187	191	211	158	69
20%	92	91	69	49	0	1	49	183	189	209	156	68
30%	89	88	68	48	0	1	46	180	186	207	155	67
40%	87	87	67	46	0	1	44	178	184	206	153	66
50%	85	85	65	45	0	0	43	176	181	204	151	65
60%	81	84	64	44	0	0	41	173	179	203	150	64
70%	78	81	62	43	0	0	39	169	175	201	149	63
80%	76	78	60	41	0	0	34	164	172	199	146	60
90%	73	75	58	37	0	0	25	156	166	195	142	53

Table 5A-B3.5.9.2-B. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Annual Volume (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	82	81	64	45	0	1	41	173	178	201	149	63
Wet Water Years	81	80	61	42	0	1	36	172	178	203	152	64
Above Normal Water Years	84	78	63	44	0	1	41	173	179	205	149	67
Below Normal Water Years	83	83	66	47	0	1	42	175	184	205	151	62
Dry Water Years	83	84	63	44	0	1	43	176	186	205	153	65
Critical Water Years	79	79	67	49	0	2	45	170	159	180	133	58

Table 5A-B3.5.9.2-C. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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%	-1	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.5.9.2-D. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	-1	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	-1	-1	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	-1	-2	0	0	0	0	0	0	0	0
Critical Water Years	-3	-5	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.5.9.3-A. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	94	93	72	51	0	2	51	187	191	211	158	69
20%	92	91	69	49	0	1	49	183	189	209	156	68
30%	89	88	68	48	0	1	46	180	186	207	155	67
40%	87	87	67	46	0	1	44	178	184	206	153	66
50%	85	85	65	45	0	0	43	176	181	204	151	65
60%	81	84	64	44	0	0	41	173	179	203	150	64
70%	78	81	62	43	0	0	39	169	175	201	149	63
80%	76	78	60	41	0	0	34	164	172	199	146	60
90%	73	75	58	37	0	0	25	156	166	195	142	53

Table 5A-B3.5.9.3-B. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Annual Volume (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	82	81	64	45	0	1	41	173	178	201	149	63
Wet Water Years	81	80	61	42	0	1	36	172	178	203	152	64
Above Normal Water Years	83	78	63	44	0	1	41	173	179	205	149	67
Below Normal Water Years	83	84	66	47	0	1	42	175	184	205	151	62
Dry Water Years	83	84	63	44	0	1	43	176	186	205	153	65
Critical Water Years	79	79	67	49	0	2	45	170	159	180	133	58

Table 5A-B3.5.9.3-C. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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%	-1	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.5.9.3-D. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	-1	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	-2	-1	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	-1	-2	0	0	0	0	0	0	0	0
Critical Water Years	-3	-5	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.5.9.4-A. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	94	93	72	51	0	2	51	187	191	211	158	69
20%	92	91	69	49	0	1	49	183	189	209	156	68
30%	89	88	68	48	0	1	46	180	186	207	155	67
40%	87	87	67	46	0	1	44	178	184	206	153	66
50%	85	85	65	45	0	0	43	176	181	204	151	65
60%	81	84	64	44	0	0	41	173	179	203	150	64
70%	78	81	62	43	0	0	39	169	175	201	149	63
80%	76	78	60	41	0	0	34	164	172	199	146	60
90%	73	75	58	37	0	0	25	156	166	195	142	53

Table 5A-B3.5.9.4-B. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Annual Volume (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	82	81	64	45	0	1	41	173	178	201	149	63
Wet Water Years	81	80	61	42	0	1	36	172	178	203	152	64
Above Normal Water Years	83	78	64	44	0	1	41	173	179	205	149	67
Below Normal Water Years	83	83	66	47	0	1	42	175	184	205	151	62
Dry Water Years	83	84	63	44	0	1	43	176	186	205	153	65
Critical Water Years	79	79	67	49	0	2	45	170	159	180	133	58

Table 5A-B3.5.9.4-C. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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%	-1	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.5.9.4-D. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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

Table 5A-B3.5.9.5-A. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	94	93	72	51	0	2	51	187	191	211	158	69
20%	92	91	69	49	0	1	49	183	189	209	156	68
30%	89	88	68	48	0	1	46	180	186	207	155	67
40%	87	87	67	46	0	1	44	178	184	206	153	66
50%	85	85	65	45	0	0	43	176	181	204	151	65
60%	81	84	64	44	0	0	41	173	179	203	150	64
70%	78	81	62	43	0	0	39	169	175	201	149	63
80%	76	78	60	42	0	0	34	164	172	199	146	60
90%	73	75	58	37	0	0	25	156	166	195	142	53

Table 5A-B3.5.9.5-B. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Annual Volume (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	82	81	64	45	0	1	41	173	178	201	149	63
Wet Water Years	81	80	61	42	0	1	36	172	178	203	152	64
Above Normal Water Years	83	78	63	44	0	1	41	173	179	205	149	67
Below Normal Water Years	83	84	66	47	0	1	42	175	184	205	151	62
Dry Water Years	83	84	63	46	0	1	43	176	186	205	153	65
Critical Water Years	79	79	67	49	0	2	45	170	159	180	133	58

Table 5A-B3.5.9.5-C. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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%	-1	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.5.9.5-D. SWP Feather River Service Area Deliveries Annual Total Volume (DelFRSA), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-1	-1	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	-2	-1	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	-1	0	0	0	0	0	0	0	0	0
Critical Water Years	-3	-5	0	0	0	0	0	0	0	0	0	0

B.5.10 SWP Table A Deliveries

Figure 5A-B3.5.10.1-A. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Probability of Exceedance for Existing Condition, October to March

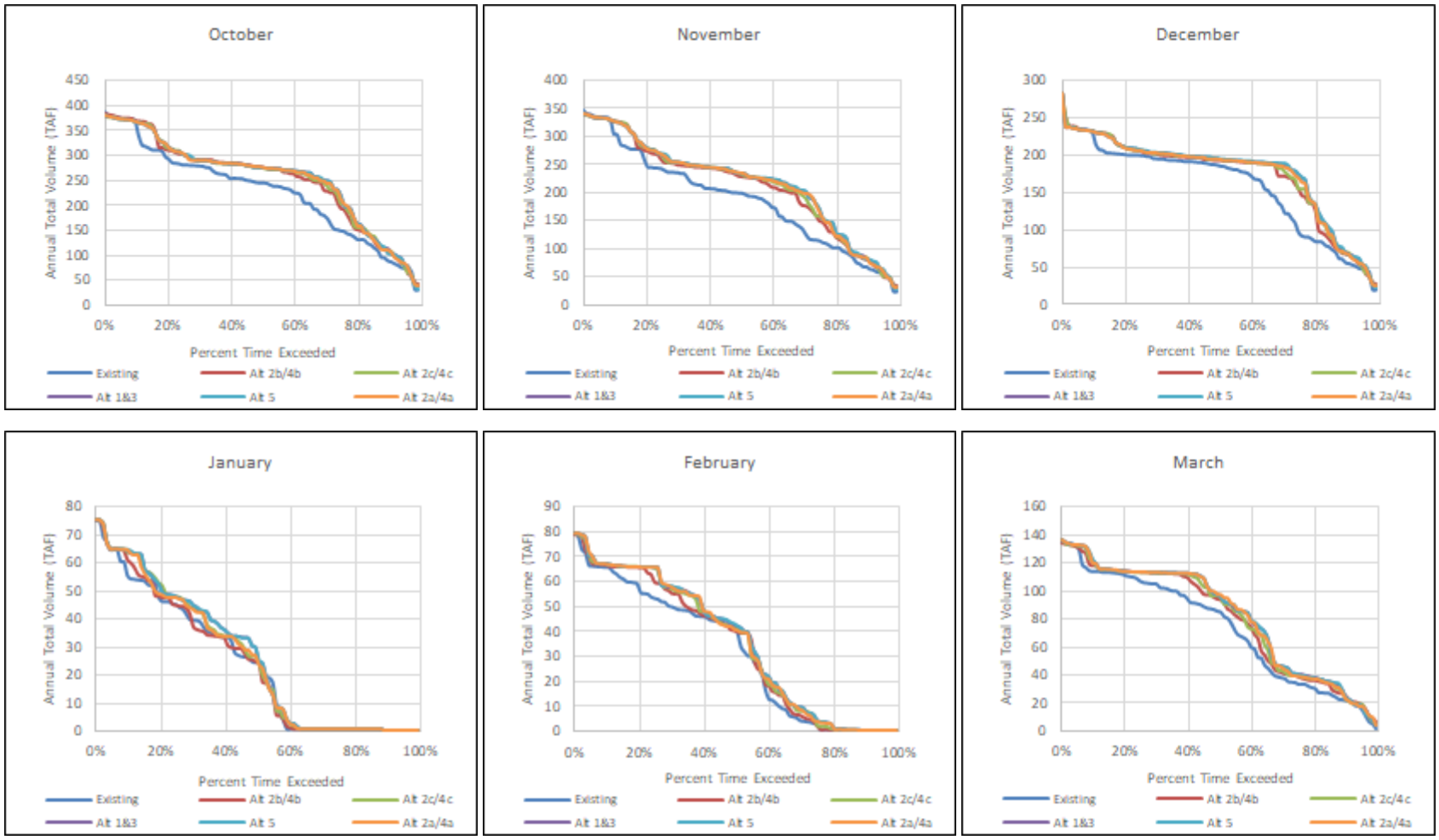


Figure 5A-B3.5.10.1-B. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Probability of Exceedance for Existing Condition, April to September

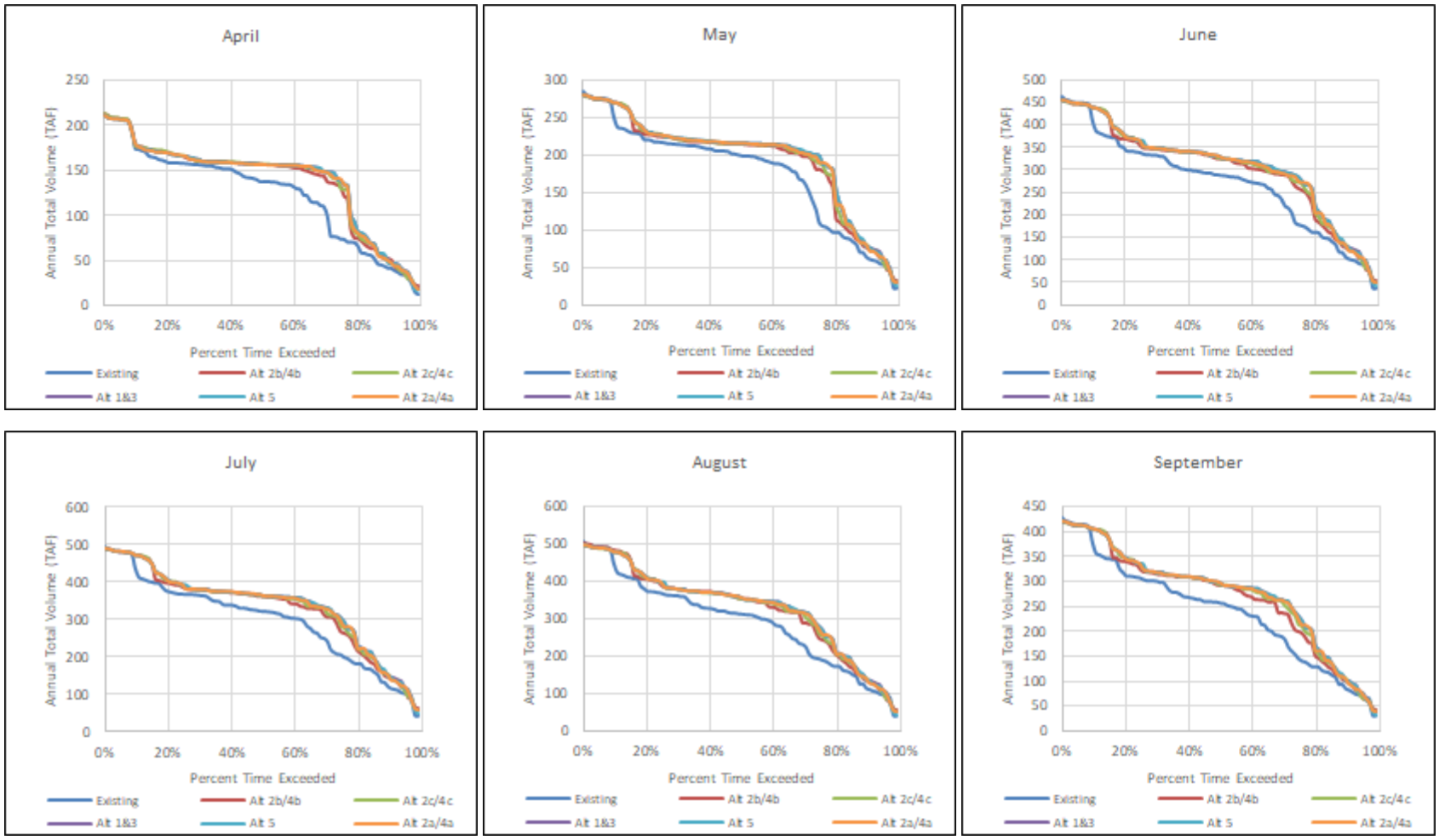


Table 5A-B3.5.10.1-A. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	360	304	226	55	66	114	174	247	401	432	441	370
20%	294	252	201	47	57	111	159	220	345	377	376	313
30%	279	236	195	40	50	105	157	214	332	367	362	299
40%	254	207	192	34	46	94	152	208	299	340	328	267
50%	244	199	186	24	40	85	138	199	288	324	313	256
60%	226	175	173	1	14	60	133	189	273	305	292	230
70%	179	134	131	1	4	38	109	166	233	251	231	188
80%	134	102	86	1	1	31	69	97	161	184	173	128
90%	90	68	57	0	1	22	43	65	110	126	117	86

Table 5A-B3.5.10.1-B. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Annual Volume (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	227	187	159	24	32	73	125	177	272	300	293	238
Wet Water Years	255	214	180	39	52	108	165	231	362	397	397	331
Above Normal Water Years	245	194	180	34	46	97	142	201	302	335	327	269
Below Normal Water Years	224	187	148	24	30	68	136	197	287	316	304	250
Dry Water Years	218	182	158	8	9	35	86	125	194	218	206	153
Critical Water Years	163	131	111	5	5	28	48	70	115	131	122	91

Table 5A-B3.5.10.1-C. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	368	328	233	61	67	118	177	271	439	473	483	406
20%	309	275	211	48	66	114	169	228	369	398	406	340
30%	290	250	202	38	56	113	160	222	347	379	378	315
40%	284	245	198	33	47	109	159	218	340	372	372	309
50%	275	229	193	25	40	94	157	215	325	362	354	292
60%	262	211	190	1	18	75	153	212	304	343	331	270
70%	229	177	173	1	7	42	143	198	289	313	289	237
80%	153	126	133	1	1	36	75	140	211	226	210	166
90%	108	82	69	0	1	26	51	77	129	147	137	101

Table 5A-B3.5.10.1-D. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Annual Volume (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	251	212	174	25	34	80	138	194	302	331	326	267
Wet Water Years	272	231	190	42	58	116	175	243	388	422	426	356
Above Normal Water Years	282	237	202	29	44	104	159	222	346	380	379	316
Below Normal Water Years	256	218	173	25	33	76	152	214	323	356	350	290
Dry Water Years	244	207	166	6	9	40	109	155	231	251	235	181
Critical Water Years	180	148	127	4	4	30	52	76	125	143	133	98

Table 5A-B3.5.10.1-E. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8	23	7	6	1	5	3	24	38	41	41	35
20%	16	24	10	1	9	4	10	8	24	21	30	28
30%	12	14	7	-2	5	8	4	8	16	13	17	16
40%	30	37	6	-1	1	16	7	10	41	32	44	42
50%	31	30	7	0	0	9	19	15	37	38	41	36
60%	36	36	17	1	5	14	20	23	31	38	39	40
70%	50	43	41	0	2	4	34	33	57	62	59	50
80%	19	24	46	0	0	6	6	43	49	42	37	38
90%	18	14	11	0	0	4	8	11	19	21	20	15

Table 5A-B3.5.10.1-F. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	24	25	15	0	2	7	13	17	30	31	33	29
Wet Water Years	17	17	9	3	6	8	9	12	26	25	29	25
Above Normal Water Years	38	43	21	-5	-1	7	17	21	45	45	53	46
Below Normal Water Years	32	31	25	1	3	9	16	17	36	40	46	40
Dry Water Years	26	25	8	-1	-1	5	22	30	37	33	30	28
Critical Water Years	17	17	16	-1	0	2	4	6	10	12	11	7

Table 5A-B3.5.10.2-A. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	368	327	232	64	67	121	177	269	437	471	481	405
20%	316	281	211	52	66	114	170	232	375	404	413	347
30%	291	254	203	44	57	113	160	221	348	380	381	318
40%	284	245	199	34	48	112	159	218	340	373	372	309
50%	276	234	195	25	42	96	157	215	326	363	356	294
60%	270	221	191	3	19	74	156	213	315	356	344	284
70%	245	195	182	1	8	44	148	202	292	329	317	259
80%	158	134	135	1	1	38	81	155	228	240	223	179
90%	111	85	71	0	1	25	52	81	135	154	144	106

Table 5A-B3.5.10.2-B. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Annual Volume (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	255	216	176	26	35	81	140	196	305	335	331	273
Wet Water Years	275	233	191	45	60	117	175	244	391	424	429	359
Above Normal Water Years	285	240	202	30	46	107	162	225	353	387	387	322
Below Normal Water Years	262	224	175	26	33	78	154	216	326	359	352	292
Dry Water Years	247	211	168	7	10	43	113	160	238	261	246	197
Critical Water Years	183	149	131	4	5	30	53	78	128	146	136	100

Table 5A-B3.5.10.2-C. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8	23	6	8	1	7	2	22	36	39	40	34
20%	23	29	10	5	9	3	11	11	30	27	37	35
30%	12	19	7	4	7	9	4	7	16	13	19	18
40%	30	38	7	0	2	19	7	10	41	33	44	42
50%	32	34	9	1	1	11	19	16	38	39	43	38
60%	44	46	18	2	5	13	23	24	42	51	52	53
70%	66	61	51	0	4	6	39	37	59	79	86	71
80%	24	32	49	0	0	7	12	58	66	56	50	51
90%	21	17	13	0	0	3	9	15	25	28	27	20

Table 5A-B3.5.10.2-D. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	28	28	17	2	3	8	15	19	34	35	38	34
Wet Water Years	19	19	10	5	7	10	10	13	28	27	32	28
Above Normal Water Years	40	45	22	-4	1	11	20	24	52	52	60	53
Below Normal Water Years	38	37	27	2	3	10	17	19	39	43	49	42
Dry Water Years	29	29	11	-1	1	8	27	35	43	43	41	44
Critical Water Years	21	18	19	0	0	2	6	8	13	15	14	9

Table 5A-B3.5.10.3-A. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	367	327	232	64	67	121	179	269	437	471	480	404
20%	319	280	211	51	66	114	170	231	376	405	413	347
30%	290	254	204	45	58	114	163	222	348	380	381	317
40%	284	245	199	36	49	113	159	217	340	373	372	309
50%	276	234	195	27	42	97	157	215	329	364	359	297
60%	270	224	192	3	22	80	156	213	318	358	347	287
70%	250	203	188	1	10	46	149	203	294	332	320	263
80%	169	138	137	1	2	38	89	169	242	251	232	189
90%	114	84	71	0	1	26	53	79	132	151	141	104

Table 5A-B3.5.10.3-B. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Annual Volume (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	256	217	177	27	36	82	141	197	308	337	333	275
Wet Water Years	276	235	192	45	61	118	175	243	390	423	428	358
Above Normal Water Years	284	240	200	32	48	110	161	224	352	386	386	321
Below Normal Water Years	263	227	178	26	33	79	155	217	328	361	355	294
Dry Water Years	249	212	170	8	11	44	118	167	246	271	256	206
Critical Water Years	187	152	135	5	5	31	55	80	131	149	139	103

Table 5A-B3.5.10.3-C. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8	22	6	9	1	8	5	22	36	38	39	34
20%	26	28	10	4	9	3	11	11	31	28	37	35
30%	12	18	8	5	8	9	6	8	17	13	19	18
40%	30	38	7	2	3	19	7	10	41	33	44	41
50%	32	35	9	3	2	12	19	16	41	40	46	41
60%	44	50	19	2	8	20	23	24	45	52	56	56
70%	71	69	57	0	5	8	40	37	61	81	89	75
80%	35	36	50	0	1	8	20	72	81	66	59	61
90%	24	16	14	0	0	4	10	14	23	25	24	18

Table 5A-B3.5.10.3-D. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	30	30	19	2	4	10	16	20	36	37	41	36
Wet Water Years	21	21	11	6	8	10	10	12	28	27	31	27
Above Normal Water Years	39	46	20	-2	3	13	19	23	51	51	59	52
Below Normal Water Years	39	40	30	2	3	12	18	20	41	45	51	44
Dry Water Years	31	30	13	0	2	9	32	42	52	53	51	53
Critical Water Years	24	21	24	0	1	3	7	10	16	18	17	12

Table 5A-B3.5.10.4-A. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	367	327	232	64	67	120	179	269	437	470	480	404
20%	319	279	210	49	66	114	170	230	374	404	412	346
30%	291	254	204	43	58	114	162	222	347	380	381	317
40%	284	245	199	34	49	113	159	217	340	373	372	309
50%	277	235	195	25	41	98	157	215	329	364	359	297
60%	269	222	191	3	21	79	156	213	316	357	345	285
70%	249	199	186	1	9	45	149	202	292	329	318	262
80%	168	128	137	1	2	37	83	160	234	246	228	183
90%	111	84	70	0	1	24	51	80	134	152	142	105

Table 5A-B3.5.10.4-B. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Annual Volume (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	255	216	176	26	36	82	140	196	306	336	332	274
Wet Water Years	276	234	191	45	61	118	175	243	390	423	428	358
Above Normal Water Years	283	240	200	30	47	110	162	224	353	386	386	322
Below Normal Water Years	262	226	177	24	33	79	155	217	327	361	354	293
Dry Water Years	248	211	169	7	10	43	114	162	240	265	251	202
Critical Water Years	185	150	133	5	5	31	54	80	130	148	137	102

Table 5A-B3.5.10.4-C. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8	22	6	9	1	7	5	22	35	38	39	34
20%	25	27	9	2	9	3	11	10	29	26	36	33
30%	12	19	8	4	8	9	5	8	16	13	19	18
40%	31	38	7	0	3	19	7	9	41	33	44	42
50%	33	36	9	1	0	13	19	16	41	40	46	41
60%	43	47	18	2	7	19	23	24	43	52	54	55
70%	70	65	55	0	4	8	40	37	59	78	87	74
80%	34	26	50	0	1	7	14	63	72	62	55	55
90%	21	16	13	0	0	3	8	15	24	27	25	19

Table 5A-B3.5.10.4-D. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	29	29	18	1	4	9	16	19	35	36	39	35
Wet Water Years	20	20	11	5	9	10	10	12	28	27	31	27
Above Normal Water Years	39	46	20	-3	2	13	20	23	51	51	59	52
Below Normal Water Years	38	39	29	0	3	12	18	20	40	44	50	43
Dry Water Years	29	29	11	-1	1	8	28	37	46	47	45	49
Critical Water Years	22	19	21	0	0	3	6	10	15	16	15	11

Table 5A-B3.5.10.5-A. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	367	327	232	65	67	122	179	269	437	471	480	404
20%	319	280	211	51	66	114	170	231	376	405	413	347
30%	290	254	204	45	58	114	163	222	348	380	381	317
40%	284	245	199	36	49	113	159	218	340	373	372	309
50%	276	234	196	27	43	97	157	215	329	364	359	297
60%	270	224	192	3	22	80	156	213	318	358	347	287
70%	251	203	189	1	10	46	149	206	295	332	320	263
80%	169	138	137	1	2	38	89	169	242	251	232	189
90%	109	81	70	0	1	26	51	80	134	153	142	105

Table 5A-B3.5.10.5-B. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Annual Volume (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	256	217	177	27	36	83	141	197	308	337	333	275
Wet Water Years	276	235	192	45	61	118	175	243	390	423	428	358
Above Normal Water Years	284	240	200	32	48	110	161	224	352	386	386	321
Below Normal Water Years	263	226	177	26	33	79	155	217	329	362	355	294
Dry Water Years	249	212	170	8	11	45	119	168	247	272	257	207
Critical Water Years	187	153	136	5	5	31	54	79	129	148	137	102

Table 5A-B3.5.10.5-C. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	8	22	6	9	1	8	5	22	36	38	39	34
20%	26	28	10	4	9	3	11	11	31	28	37	35
30%	12	18	8	5	8	9	6	8	17	13	19	18
40%	30	38	7	2	3	19	7	11	41	33	44	41
50%	32	35	9	3	2	12	19	16	41	40	46	41
60%	44	50	19	2	8	20	23	24	45	53	56	56
70%	72	69	58	0	5	8	40	40	62	81	89	75
80%	35	36	50	0	1	7	20	72	81	66	59	61
90%	19	13	13	0	0	4	8	14	24	27	25	19

Table 5A-B3.5.10.5-D. SWP Table A Deliveries Annual Total Volume (SWP_TA_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	30	30	19	2	4	10	16	20	36	37	41	37
Wet Water Years	21	21	11	6	9	10	10	12	28	27	31	27
Above Normal Water Years	39	46	20	-2	3	13	19	23	51	51	59	52
Below Normal Water Years	39	40	30	2	3	12	18	20	41	46	52	45
Dry Water Years	31	30	12	0	2	10	32	43	53	54	52	54
Critical Water Years	24	21	24	0	1	3	6	9	15	16	15	11

B.5.11 SWP Article 56 Deliveries

Figure 5A-B3.5.11.1-A. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Probability of Exceedance for Existing Condition, October to March

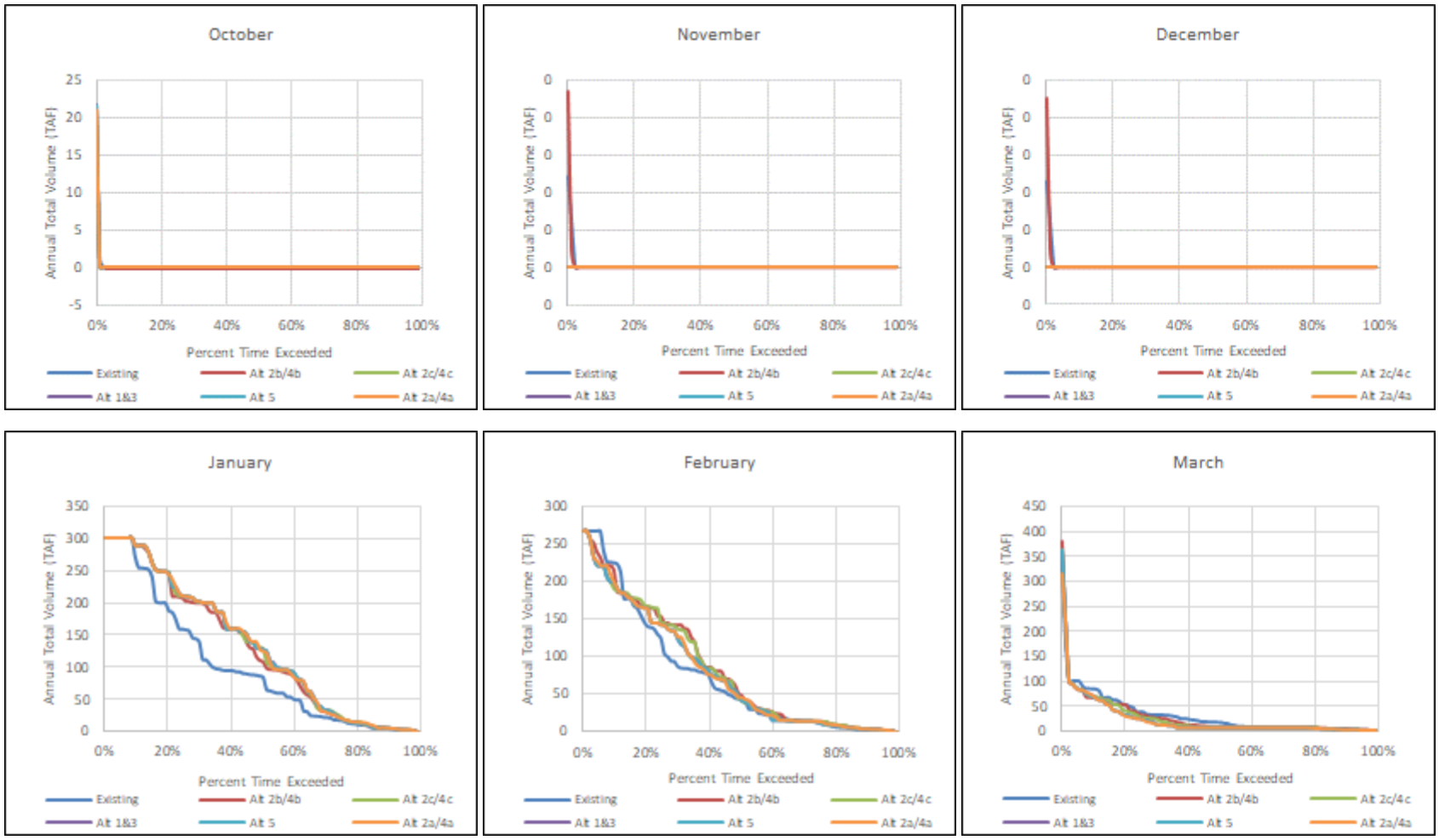


Figure 5A-B3.5.11.1-B. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Probability of Exceedance for Existing Condition, April to September

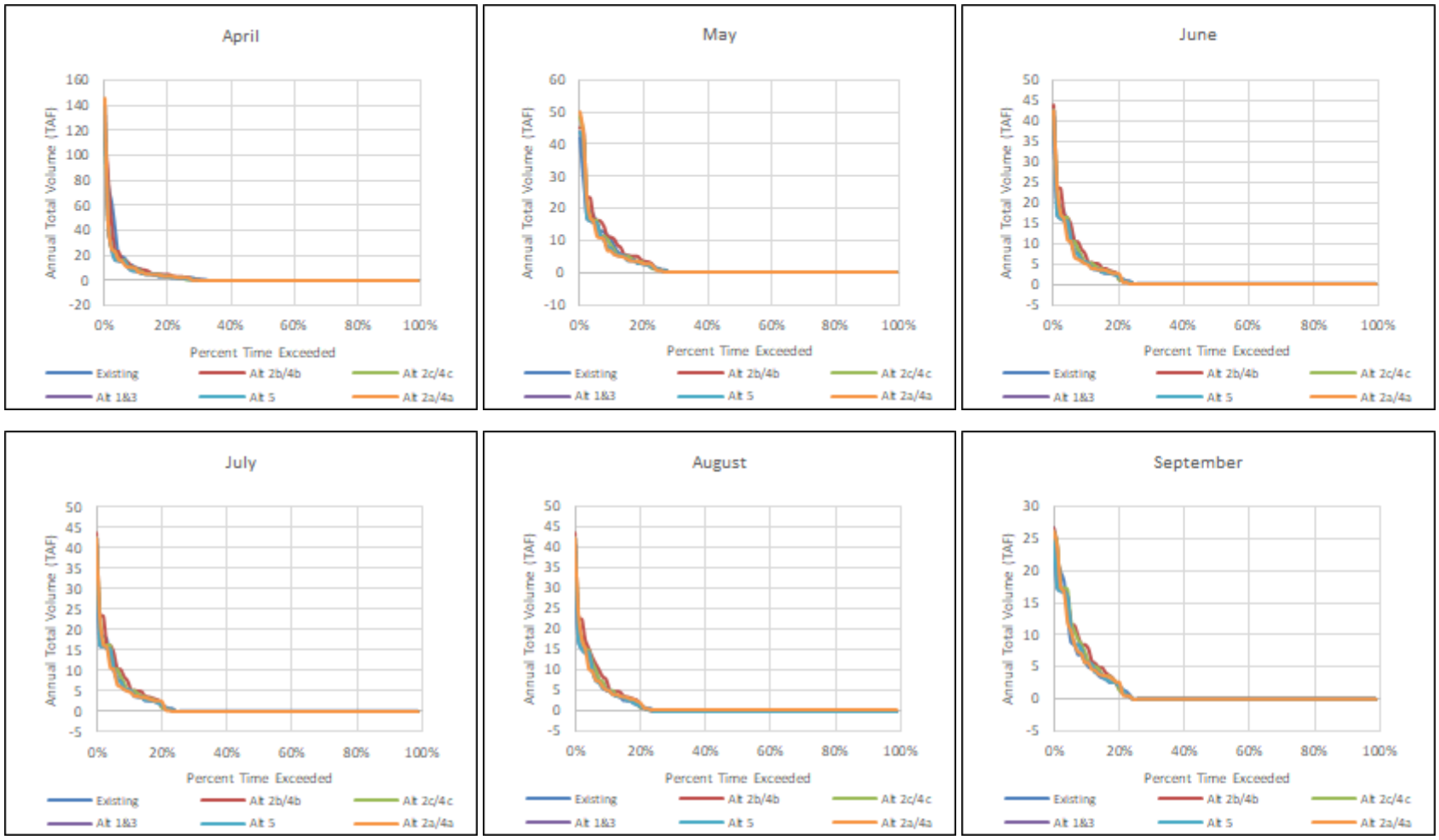


Table 5A-B3.5.11.1-A. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	266	225	83	10	10	5	5	5	6
20%	0	0	0	193	144	52	3	3	2	2	2	2
30%	0	0	0	141	88	31	1	0	0	0	0	0
40%	0	0	0	95	75	23	0	0	0	0	0	0
50%	0	0	0	86	44	16	0	0	0	0	0	0
60%	0	0	0	52	22	7	0	0	0	0	0	0
70%	0	0	0	23	14	6	0	0	0	0	0	0
80%	0	0	0	12	8	5	0	0	0	0	0	0
90%	0	0	0	6	3	3	0	0	0	0	0	0

Table 5A-B3.5.11.1-B. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Annual Volume (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	102	76	31	5	3	2	2	2	2
Wet Water Years	0	0	0	140	103	31	0	0	0	0	0	0
Above Normal Water Years	0	0	0	77	65	24	0	0	0	0	0	0
Below Normal Water Years	0	0	0	114	100	49	9	3	0	0	0	0
Dry Water Years	1	0	0	90	54	30	10	5	5	5	5	4
Critical Water Years	0	0	0	34	16	10	8	8	8	7	8	7

Table 5A-B3.5.11.1-C. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	288	208	66	10	11	7	7	7	8
20%	0	0	0	246	167	51	5	4	2	2	2	2
30%	0	0	0	200	143	25	1	0	0	0	0	0
40%	0	0	0	160	87	11	0	0	0	0	0	0
50%	0	0	0	110	50	6	0	0	0	0	0	0
60%	0	0	0	87	27	6	0	0	0	0	0	0
70%	0	0	0	32	15	6	0	0	0	0	0	0
80%	0	0	0	16	10	5	0	0	0	0	0	0
90%	0	0	0	6	4	3	0	0	0	0	0	0

Table 5A-B3.5.11.1-D. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Annual Volume (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	129	85	27	5	3	2	2	2	2
Wet Water Years	0	0	0	163	99	16	0	0	0	0	0	0
Above Normal Water Years	0	0	0	132	104	14	0	0	0	0	0	0
Below Normal Water Years	0	0	0	136	99	48	5	3	0	0	0	0
Dry Water Years	1	0	0	128	81	43	14	6	6	6	6	5
Critical Water Years	0	0	0	41	19	12	9	9	8	8	8	8

Table 5A-B3.5.11.1-E. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	22	-18	-17	0	1	1	1	2	3
20%	0	0	0	53	24	-1	2	1	0	0	0	0
30%	0	0	0	59	55	-7	-1	0	0	0	0	0
40%	0	0	0	65	11	-12	0	0	0	0	0	0
50%	0	0	0	24	6	-10	0	0	0	0	0	0
60%	0	0	0	36	5	-1	0	0	0	0	0	0
70%	0	0	0	9	0	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	1	0	0	0	0	0	0	0

Table 5A-B3.5.11.1-F. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	27	9	-4	0	0	0	0	0	0
Wet Water Years	0	0	0	23	-4	-14	0	0	0	0	0	0
Above Normal Water Years	0	0	0	55	39	-10	0	0	0	0	0	0
Below Normal Water Years	0	0	0	22	-1	-1	-4	1	0	0	0	0
Dry Water Years	0	0	0	38	27	13	4	1	1	1	1	1
Critical Water Years	0	0	0	7	2	2	1	1	1	1	1	1

Table 5A-B3.5.11.2-A. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	288	191	69	9	8	5	5	5	7
20%	0	0	0	247	169	40	3	3	2	2	1	2
30%	0	0	0	202	138	23	0	0	0	0	0	0
40%	0	0	0	160	85	10	0	0	0	0	0	0
50%	0	0	0	130	44	6	0	0	0	0	0	0
60%	0	0	0	92	27	6	0	0	0	0	0	0
70%	0	0	0	35	15	5	0	0	0	0	0	0
80%	0	0	0	16	11	5	0	0	0	0	0	0
90%	0	0	0	6	4	2	0	0	0	0	0	0

Table 5A-B3.5.11.2-B. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Annual Volume (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	132	83	26	4	3	2	2	2	2
Wet Water Years	0	0	0	165	93	15	0	0	0	0	0	0
Above Normal Water Years	0	0	0	136	107	12	0	0	0	0	0	0
Below Normal Water Years	0	0	0	144	96	44	2	3	0	0	0	0
Dry Water Years	1	0	0	129	81	43	12	5	5	5	4	5
Critical Water Years	0	0	0	42	19	12	9	9	8	8	8	8

Table 5A-B3.5.11.2-C. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	22	-35	-14	-1	-2	0	0	0	1
20%	0	0	0	55	25	-12	0	0	0	0	0	0
30%	0	0	0	61	50	-9	-1	0	0	0	0	0
40%	0	0	0	65	10	-13	0	0	0	0	0	0
50%	0	0	0	44	-1	-10	0	0	0	0	0	0
60%	0	0	0	41	5	-1	0	0	0	0	0	0
70%	0	0	0	12	1	-1	0	0	0	0	0	0
80%	0	0	0	3	3	0	0	0	0	0	0	0
90%	0	0	0	0	1	-1	0	0	0	0	0	0

Table 5A-B3.5.11.2-D. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	30	6	-5	-1	0	0	0	0	0
Wet Water Years	0	0	0	25	-10	-15	0	0	0	0	0	0
Above Normal Water Years	0	0	0	59	42	-12	0	0	0	0	0	0
Below Normal Water Years	0	0	0	30	-4	-5	-7	0	0	0	0	0
Dry Water Years	0	0	0	38	28	13	3	0	0	0	0	0
Critical Water Years	0	0	0	7	3	2	1	1	1	1	1	1

Table 5A-B3.5.11.3-A. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	288	198	69	8	7	5	5	5	6
20%	0	0	0	247	165	31	3	3	2	2	1	2
30%	0	0	0	202	125	12	0	0	0	0	0	0
40%	0	0	0	160	81	6	0	0	0	0	0	0
50%	0	0	0	128	45	6	0	0	0	0	0	0
60%	0	0	0	93	18	6	0	0	0	0	0	0
70%	0	0	0	35	14	5	0	0	0	0	0	0
80%	0	0	0	14	8	4	0	0	0	0	0	0
90%	0	0	0	7	4	2	0	0	0	0	0	0

Table 5A-B3.5.11.3-B. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Annual Volume (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	133	79	24	4	2	2	2	2	2
Wet Water Years	0	0	0	167	90	9	0	0	0	0	0	0
Above Normal Water Years	0	0	0	136	92	12	0	0	0	0	0	0
Below Normal Water Years	0	0	0	145	94	44	2	2	0	0	0	0
Dry Water Years	1	0	0	129	82	43	13	4	4	4	4	4
Critical Water Years	0	0	0	41	18	11	8	8	8	8	8	7

Table 5A-B3.5.11.3-C. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	22	-28	-14	-3	-3	0	0	0	0
20%	0	0	0	54	21	-20	0	0	0	0	0	0
30%	0	0	0	61	37	-19	-1	0	0	0	0	0
40%	0	0	0	65	6	-17	0	0	0	0	0	0
50%	0	0	0	43	1	-10	0	0	0	0	0	0
60%	0	0	0	41	-4	-1	0	0	0	0	0	0
70%	0	0	0	12	0	-1	0	0	0	0	0	0
80%	0	0	0	2	1	-1	0	0	0	0	0	0
90%	0	0	0	1	1	-1	0	0	0	0	0	0

Table 5A-B3.5.11.3-D. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	31	3	-7	-1	0	0	0	0	0
Wet Water Years	0	0	0	27	-13	-22	0	0	0	0	0	0
Above Normal Water Years	0	0	0	59	27	-12	0	0	0	0	0	0
Below Normal Water Years	0	0	0	31	-6	-5	-7	0	0	0	0	0
Dry Water Years	0	0	0	39	28	14	3	-1	-1	-1	-1	0
Critical Water Years	0	0	0	6	2	1	0	0	0	0	0	0

Table 5A-B3.5.11.4-A. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	288	198	69	9	6	5	5	5	6
20%	0	0	0	246	165	30	3	3	3	3	2	3
30%	0	0	0	202	128	12	0	0	0	0	0	0
40%	0	0	0	160	77	6	0	0	0	0	0	0
50%	0	0	0	126	46	6	0	0	0	0	0	0
60%	0	0	0	87	22	6	0	0	0	0	0	0
70%	0	0	0	32	14	5	0	0	0	0	0	0
80%	0	0	0	16	10	5	0	0	0	0	0	0
90%	0	0	0	6	4	2	0	0	0	0	0	0

Table 5A-B3.5.11.4-B. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Annual Volume (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	133	79	23	4	3	2	2	2	2
Wet Water Years	0	0	0	167	89	9	0	0	0	0	0	0
Above Normal Water Years	0	0	0	135	92	12	0	0	0	0	0	0
Below Normal Water Years	0	0	0	145	96	42	3	3	0	0	0	0
Dry Water Years	1	0	0	130	82	44	13	4	4	4	4	5
Critical Water Years	0	0	0	40	18	11	8	8	8	8	8	7

Table 5A-B3.5.11.4-C. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	22	-27	-14	-1	-3	0	0	0	0
20%	0	0	0	53	21	-22	0	0	1	1	0	1
30%	0	0	0	61	39	-19	-1	0	0	0	0	0
40%	0	0	0	65	2	-17	0	0	0	0	0	0
50%	0	0	0	41	2	-10	0	0	0	0	0	0
60%	0	0	0	36	0	-1	0	0	0	0	0	0
70%	0	0	0	9	0	-1	0	0	0	0	0	0
80%	0	0	0	3	2	-1	0	0	0	0	0	0
90%	0	0	0	1	1	-1	0	0	0	0	0	0

Table 5A-B3.5.11.4-D. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	31	3	-8	-1	0	0	0	0	0
Wet Water Years	0	0	0	27	-14	-22	0	0	0	0	0	0
Above Normal Water Years	0	0	0	59	27	-12	0	0	0	0	0	0
Below Normal Water Years	0	0	0	31	-4	-7	-7	0	0	0	0	0
Dry Water Years	0	0	0	40	29	14	4	-1	-1	-1	-1	0
Critical Water Years	0	0	0	6	1	1	0	0	0	0	0	0

Table 5A-B3.5.11.5-A. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	288	198	66	8	7	5	5	5	6
20%	0	0	0	247	165	31	3	3	2	2	1	2
30%	0	0	0	202	125	12	0	0	0	0	0	0
40%	0	0	0	160	81	6	0	0	0	0	0	0
50%	0	0	0	128	45	6	0	0	0	0	0	0
60%	0	0	0	93	18	6	0	0	0	0	0	0
70%	0	0	0	35	14	5	0	0	0	0	0	0
80%	0	0	0	14	8	4	0	0	0	0	0	0
90%	0	0	0	7	4	2	0	0	0	0	0	0

Table 5A-B3.5.11.5-B. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Annual Volume (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	133	79	24	4	2	2	2	2	2
Wet Water Years	0	0	0	167	90	9	0	0	0	0	0	0
Above Normal Water Years	0	0	0	136	92	12	0	0	0	0	0	0
Below Normal Water Years	0	0	0	145	94	44	2	2	0	0	0	0
Dry Water Years	1	0	0	129	82	43	13	4	4	4	4	4
Critical Water Years	0	0	0	40	18	11	8	8	8	8	8	7

Table 5A-B3.5.11.5-C. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	0	22	-28	-17	-3	-3	0	0	0	0
20%	0	0	0	54	21	-20	0	0	0	0	0	0
30%	0	0	0	61	37	-19	-1	0	0	0	0	0
40%	0	0	0	65	6	-17	0	0	0	0	0	0
50%	0	0	0	43	1	-10	0	0	0	0	0	0
60%	0	0	0	41	-4	-1	0	0	0	0	0	0
70%	0	0	0	12	0	-1	0	0	0	0	0	0
80%	0	0	0	2	1	-1	0	0	0	0	0	0
90%	0	0	0	1	1	-1	0	0	0	0	0	0

Table 5A-B3.5.11.5-D. SWP Article 56 Deliveries Annual Total Volume (SWP_CO_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	0	31	3	-7	-1	0	0	0	0	0
Wet Water Years	0	0	0	28	-13	-22	0	0	0	0	0	0
Above Normal Water Years	0	0	0	59	27	-12	0	0	0	0	0	0
Below Normal Water Years	0	0	0	31	-6	-5	-7	0	0	0	0	0
Dry Water Years	0	0	0	38	28	13	3	-1	-1	-1	-1	0
Critical Water Years	0	0	0	6	1	1	0	0	0	0	0	0

B.5.12 SWP Article 21 Deliveries

Figure 5A-B3.5.12.1-A. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Probability of Exceedance for Existing Condition, October to March

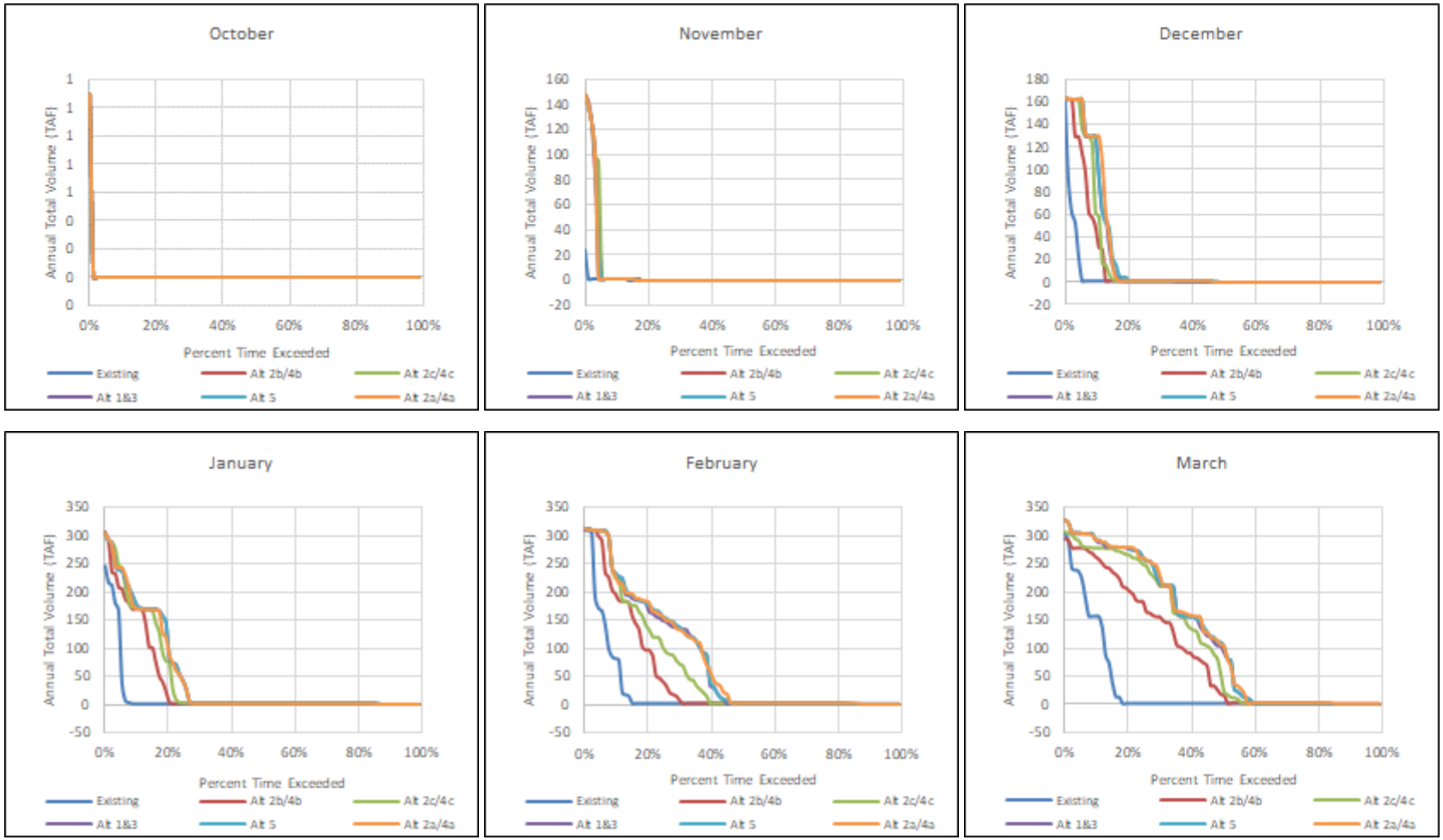


Figure 5A-B3.5.12.1-B. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Probability of Exceedance for Existing Condition, April to September

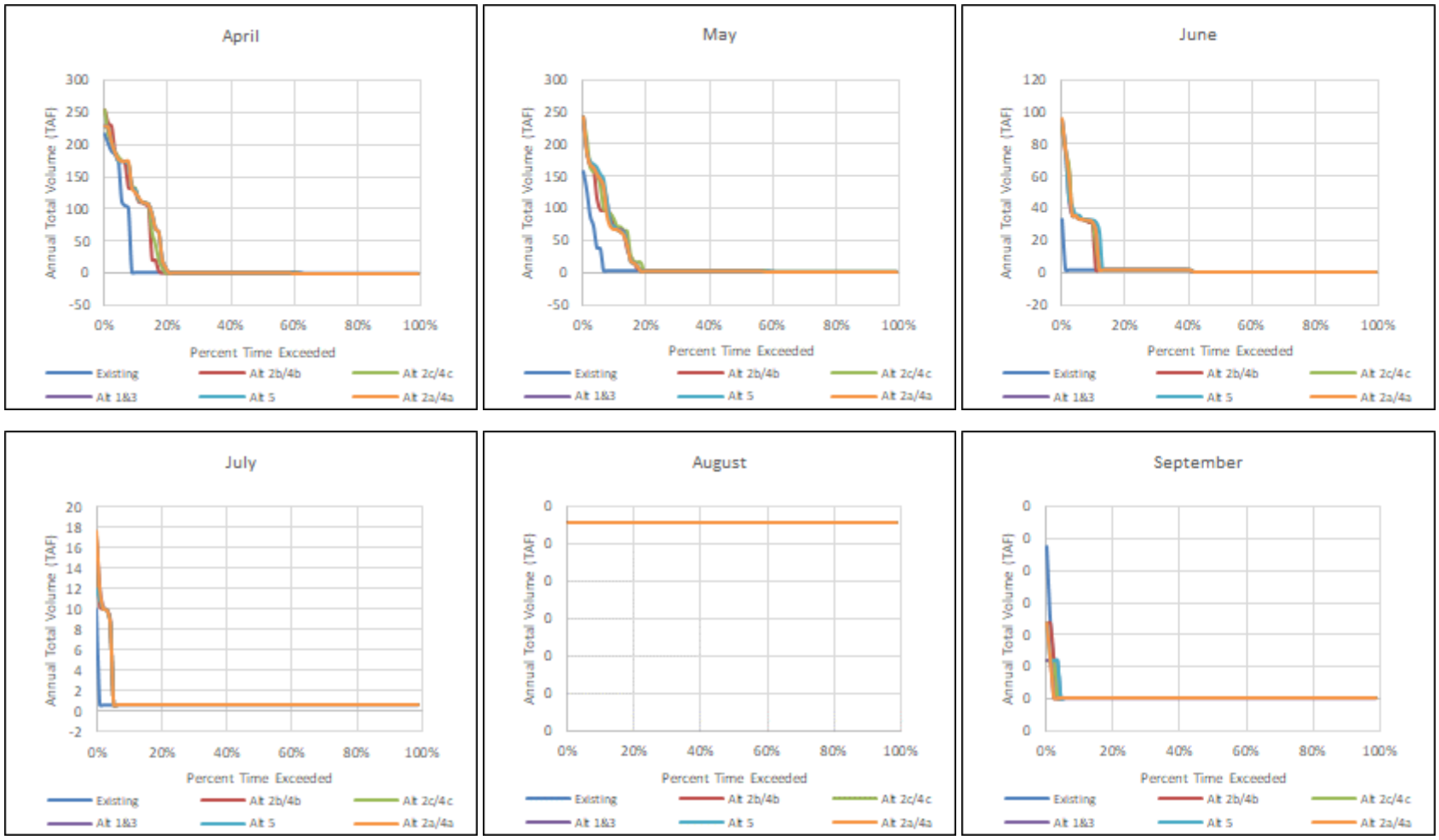


Table 5A-B3.5.12.1-A. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	1	1	1	80	156	1	2	1	1	0	0
20%	0	0	1	1	1	1	1	2	1	1	0	0
30%	0	0	1	1	1	1	1	2	1	1	0	0
40%	0	0	0	1	1	1	1	2	1	1	0	0
50%	0	0	0	1	1	1	1	2	0	1	0	0
60%	0	0	0	1	1	1	1	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-B3.5.12.1-B. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Annual Volume (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	0	5	12	22	30	14	7	1	1	0	0
Wet Water Years	0	1	10	35	58	85	44	19	2	1	0	0
Above Normal Water Years	0	0	0	2	15	14	1	2	1	1	0	0
Below Normal Water Years	0	0	4	3	5	2	1	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	2	1	0	1	0	1	0	0

Table 5A-B3.5.12.1-C. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	1	44	169	193	261	123	70	22	1	0	0
20%	0	0	1	11	96	204	1	2	1	1	0	0
30%	0	0	1	1	8	156	1	2	1	1	0	0
40%	0	0	1	1	1	89	1	2	1	1	0	0
50%	0	0	0	1	1	16	1	2	0	1	0	0
60%	0	0	0	1	1	1	1	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-B3.5.12.1-D. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Annual Volume (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	6	13	33	48	88	25	18	5	1	0	0
Wet Water Years	0	14	29	80	117	185	74	44	13	2	0	0
Above Normal Water Years	0	0	5	28	39	136	10	26	8	1	0	0
Below Normal Water Years	0	0	10	16	23	47	1	1	0	1	0	0
Dry Water Years	0	0	0	1	1	1	0	1	0	1	0	0
Critical Water Years	0	10	5	1	1	1	0	1	0	1	0	0

Table 5A-B3.5.12.1-E. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	42	168	113	106	121	68	21	0	0	0
20%	0	0	0	10	95	202	0	0	0	0	0	0
30%	0	0	0	0	7	154	0	0	0	0	0	0
40%	0	0	1	0	0	88	0	0	0	0	0	0
50%	0	0	0	0	0	15	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	-1	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-B3.5.12.1-F. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	6	9	21	26	58	11	11	4	0	0	0
Wet Water Years	0	13	19	45	59	100	30	26	11	1	0	0
Above Normal Water Years	0	0	5	27	24	122	8	24	7	0	0	0
Below Normal Water Years	0	0	6	13	19	45	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	10	4	0	-1	0	0	0	0	0	0	0

Table 5A-B3.5.12.2-A. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	1	61	170	224	278	128	80	27	1	0	0
20%	0	0	1	75	136	266	1	2	1	1	0	0
30%	0	0	1	1	72	211	1	2	1	1	0	0
40%	0	0	1	1	2	135	1	2	1	1	0	0
50%	0	0	0	1	1	38	1	2	0	1	0	0
60%	0	0	0	1	1	1	1	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-B3.5.12.2-B. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Annual Volume (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	7	16	41	63	110	26	20	5	1	0	0
Wet Water Years	0	16	35	97	139	208	76	47	14	2	0	0
Above Normal Water Years	0	0	13	40	76	194	14	34	8	1	0	0
Below Normal Water Years	0	0	12	20	35	79	1	1	0	1	0	0
Dry Water Years	0	0	0	1	1	1	0	1	0	1	0	0
Critical Water Years	0	10	5	1	1	1	0	1	0	1	0	0

Table 5A-B3.5.12.2-C. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	60	169	144	122	127	78	26	0	0	0
20%	0	0	0	74	134	265	0	0	0	0	0	0
30%	0	0	0	0	71	210	0	0	0	0	0	0
40%	0	0	1	0	1	133	0	0	0	0	0	0
50%	0	0	0	0	0	36	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	-1	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-B3.5.12.2-D. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	6	12	29	41	81	12	13	5	0	0	0
Wet Water Years	0	15	24	62	81	124	32	28	12	1	0	0
Above Normal Water Years	0	0	13	38	61	179	13	33	7	0	0	0
Below Normal Water Years	0	0	8	17	31	78	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	10	4	0	-1	0	0	0	0	0	0	0

Table 5A-B3.5.12.3-A. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	1	119	178	231	290	127	70	30	1	0	0
20%	0	0	1	108	171	276	5	2	1	1	0	0
30%	0	0	1	1	134	215	1	2	1	1	0	0
40%	0	0	1	1	33	155	1	2	1	1	0	0
50%	0	0	0	1	1	97	1	2	0	1	0	0
60%	0	0	0	1	1	2	1	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-B3.5.12.3-B. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Annual Volume (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	6	19	46	77	120	27	19	5	1	0	0
Wet Water Years	0	13	42	103	160	230	78	45	13	2	0	0
Above Normal Water Years	0	0	17	44	123	209	17	35	9	1	0	0
Below Normal Water Years	0	0	13	31	42	82	1	1	0	1	0	0
Dry Water Years	0	0	0	1	1	2	0	1	0	1	0	0
Critical Water Years	0	10	5	1	1	1	0	1	0	1	0	0

Table 5A-B3.5.12.3-C. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	118	176	151	134	126	68	28	0	0	0
20%	0	0	0	107	170	275	4	0	0	0	0	0
30%	0	0	0	0	133	214	0	0	0	0	0	0
40%	0	0	1	0	32	154	0	0	0	0	0	0
50%	0	0	0	0	0	96	0	0	0	0	0	0
60%	0	0	0	0	0	1	0	-1	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-B3.5.12.3-D. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	5	15	34	55	90	13	13	5	0	0	0
Wet Water Years	0	12	31	68	102	145	35	26	11	2	0	0
Above Normal Water Years	0	0	16	42	108	195	15	34	8	0	0	0
Below Normal Water Years	0	0	9	28	37	80	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	2	0	0	0	0	0	0
Critical Water Years	0	10	4	0	-1	0	0	0	0	0	0	0

Table 5A-B3.5.12.4-A. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	1	130	171	224	291	125	67	30	1	0	0
20%	0	0	1	101	182	278	5	2	1	1	0	0
30%	0	0	1	1	133	229	1	2	1	1	0	0
40%	0	0	1	1	56	157	1	2	1	1	0	0
50%	0	0	0	1	1	104	1	2	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-B3.5.12.4-B. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Annual Volume (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	6	20	45	78	121	27	19	6	1	0	0
Wet Water Years	0	13	44	103	163	231	78	44	14	2	0	0
Above Normal Water Years	0	0	15	44	122	208	17	35	9	1	0	0
Below Normal Water Years	0	0	14	27	45	84	1	1	0	1	0	0
Dry Water Years	0	0	0	1	1	3	0	1	0	1	0	0
Critical Water Years	0	10	5	1	1	2	0	1	0	1	0	0

Table 5A-B3.5.12.4-C. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	129	170	143	135	124	65	28	0	0	0
20%	0	0	0	99	180	277	3	0	0	0	0	0
30%	0	0	0	0	132	228	0	0	0	0	0	0
40%	0	0	1	0	54	156	0	0	0	0	0	0
50%	0	0	0	0	0	102	0	0	0	0	0	0
60%	0	0	0	0	0	0	-1	-1	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-B3.5.12.4-D. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	5	16	33	56	91	13	12	5	0	0	0
Wet Water Years	0	12	34	68	105	146	35	25	12	2	0	0
Above Normal Water Years	0	0	15	42	107	194	16	34	8	0	0	0
Below Normal Water Years	0	0	10	25	40	82	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	2	0	0	0	0	0	0
Critical Water Years	0	10	4	0	-1	1	0	0	0	0	0	0

Table 5A-B3.5.12.5-A. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	1	119	178	231	291	127	70	32	1	0	0
20%	0	0	3	108	178	278	5	2	1	1	0	0
30%	0	0	1	1	138	217	1	2	1	1	0	0
40%	0	0	1	1	39	155	1	2	1	1	0	0
50%	0	0	0	1	1	106	1	2	0	1	0	0
60%	0	0	0	1	1	2	1	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-B3.5.12.5-B. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Annual Volume (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	6	20	46	78	121	27	20	6	1	0	0
Wet Water Years	0	13	41	103	163	231	78	46	15	2	0	0
Above Normal Water Years	0	0	20	44	125	211	17	35	9	1	0	0
Below Normal Water Years	0	0	13	31	42	83	1	1	0	1	0	0
Dry Water Years	0	0	0	1	1	2	0	1	0	1	0	0
Critical Water Years	0	10	5	1	1	1	0	1	0	1	0	0

Table 5A-B3.5.12.5-C. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0	0	118	176	151	135	126	68	31	0	0	0
20%	0	0	1	107	176	276	4	0	0	0	0	0
30%	0	0	0	0	137	215	0	0	0	0	0	0
40%	0	0	1	0	38	153	0	0	0	0	0	0
50%	0	0	0	0	0	105	0	0	0	0	0	0
60%	0	0	0	0	0	1	0	-1	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-B3.5.12.5-D. SWP Article 21 Deliveries Annual Total Volume (SWP_IN_TOTAL), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0	5	15	34	56	91	13	13	5	0	0	0
Wet Water Years	0	12	31	68	105	146	34	27	13	1	0	0
Above Normal Water Years	0	0	20	42	109	197	15	34	8	0	0	0
Below Normal Water Years	0	0	9	28	37	81	0	0	0	0	0	0
Dry Water Years	0	0	0	0	0	2	0	0	0	0	0	0
Critical Water Years	0	10	4	0	-1	0	0	0	0	0	0	0

B.5.13 American River Deliveries

Figure 5A-B3.5.13.1-A. American River Deliveries Annual Total Volume (AmerRivDel), Probability of Exceedance for Existing Condition, October to March

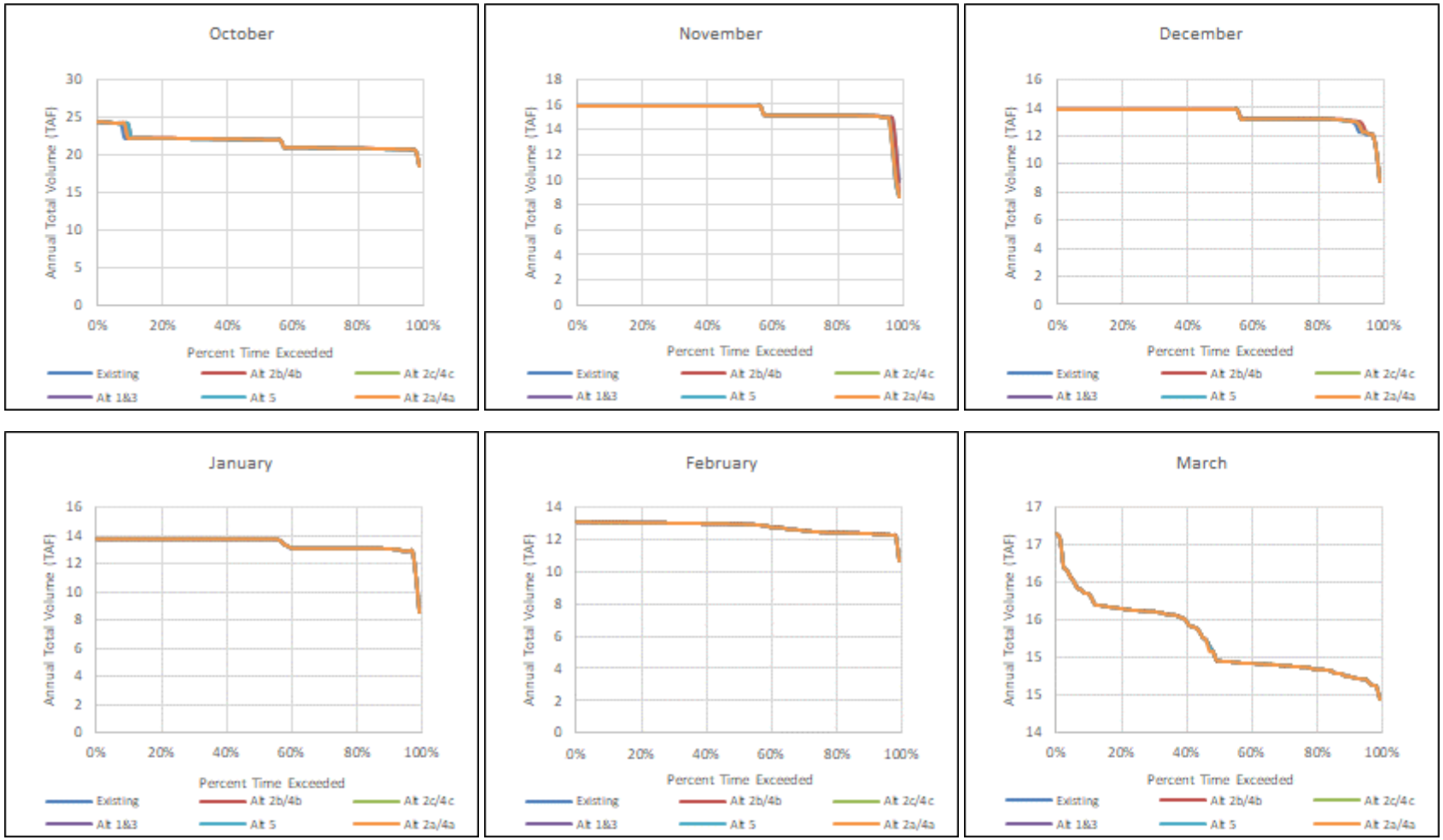


Figure 5A-B3.5.13.1-B. American River Deliveries Annual Total Volume (AmerRivDel), Probability of Exceedance for Existing Condition, April to September

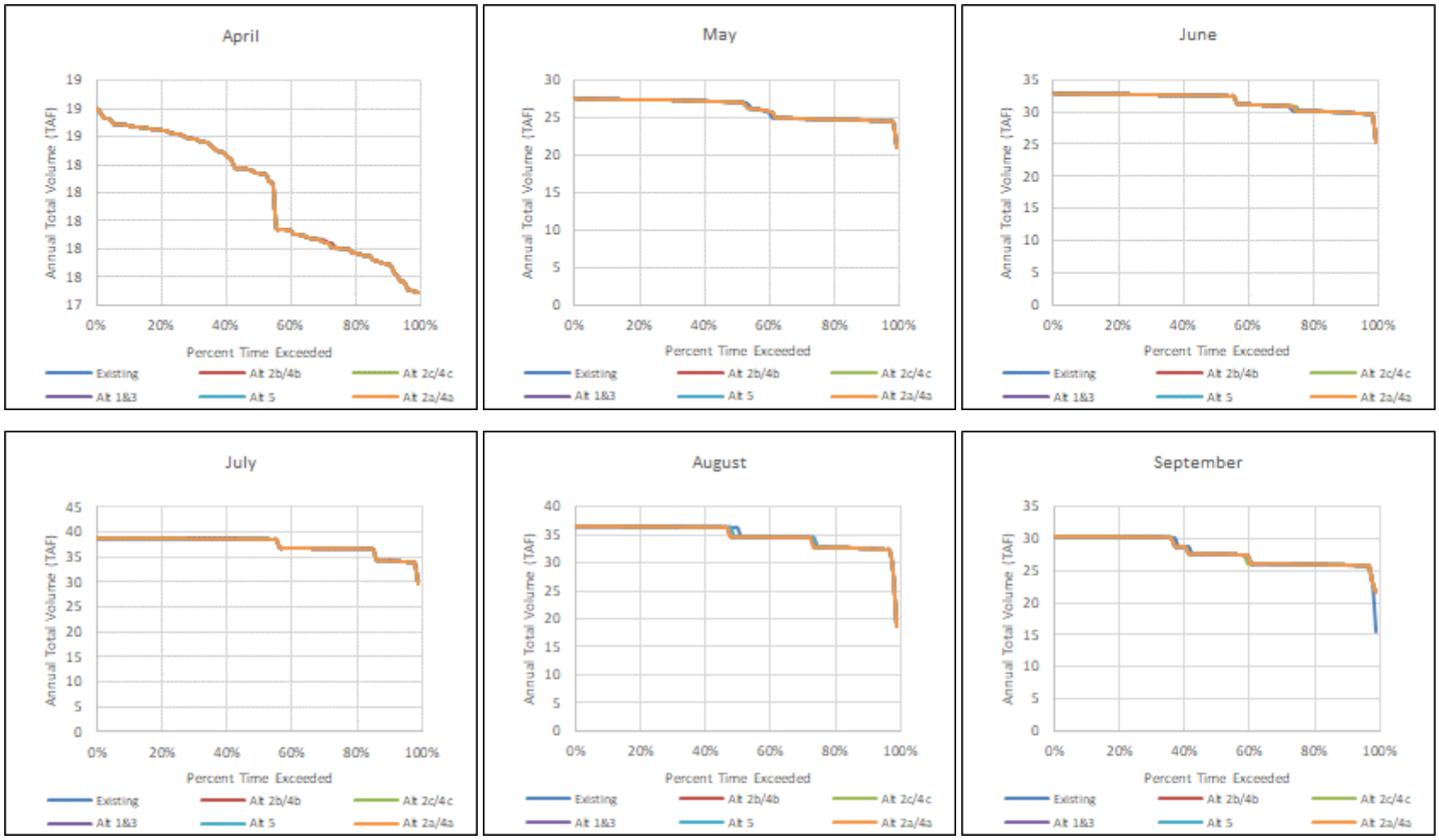


Table 5A-B3.5.13.1-A. American River Deliveries Annual Total Volume (AmerRivDel), Exceedance Probabilities for Annual Volume (thousand acre-feet), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	22	16	14	14	13	16	19	27	33	39	37	30
20%	22	16	14	14	13	16	19	27	33	39	37	30
30%	22	16	14	14	13	16	19	27	33	39	36	30
40%	22	16	14	14	13	15	18	27	33	39	36	29
50%	22	16	14	14	13	15	18	27	33	38	36	28
60%	21	15	13	13	13	15	18	26	31	37	35	27
70%	21	15	13	13	13	15	18	25	31	37	35	26
80%	21	15	13	13	12	15	18	25	30	37	33	26
90%	21	15	13	13	12	15	18	25	30	34	33	26

Table 5A-B3.5.13.1-B. American River Deliveries Annual Total Volume (AmerRivDel), Annual Volume (thousand acre-feet), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	22	16	13	13	13	15	18	26	32	37	35	28
Wet Water Years	22	16	13	13	13	16	18	27	33	38	36	30
Above Normal Water Years	22	16	14	14	13	15	18	27	33	38	36	30
Below Normal Water Years	22	16	13	13	13	15	18	26	32	38	35	27
Dry Water Years	22	16	14	14	13	15	18	25	31	37	34	26
Critical Water Years	22	15	13	13	13	15	18	25	30	34	31	25

Table 5A-B3.5.13.1-C. American River Deliveries Annual Total Volume (AmerRivDel), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	22	16	14	14	13	16	19	27	33	39	37	30
20%	22	16	14	14	13	16	19	27	33	39	37	30
30%	22	16	14	14	13	16	19	27	33	39	36	30
40%	22	16	14	14	13	15	18	27	33	39	36	29
50%	22	16	14	14	13	15	18	27	33	38	35	28
60%	21	15	13	13	13	15	18	26	31	37	35	27
70%	21	15	13	13	13	15	18	25	31	37	35	26
80%	21	15	13	13	12	15	18	25	30	37	33	26
90%	21	15	13	13	12	15	18	25	30	34	33	26

Table 5A-B3.5.13.1-D. American River Deliveries Annual Total Volume (AmerRivDel), Annual Volume (thousand acre-feet), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	22	15	13	13	13	15	18	26	32	37	35	28
Wet Water Years	22	16	13	13	13	16	18	27	33	38	36	30
Above Normal Water Years	22	16	14	14	13	15	18	27	33	38	36	30
Below Normal Water Years	22	16	13	13	13	15	18	26	32	38	35	27
Dry Water Years	22	16	14	14	13	15	18	25	31	37	34	26
Critical Water Years	22	15	13	13	13	15	18	25	30	34	31	26

Table 5A-B3.5.13.1-E. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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	-2	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-B3.5.13.1-F. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Annual Volume (thousand acre-feet), Alternative 2b/4b (2020) minus Existing Conditions

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-B3.5.13.2-A. American River Deliveries Annual Total Volume (AmerRivDel), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	24	16	14	14	13	16	19	27	33	39	37	30
20%	22	16	14	14	13	16	19	27	33	39	37	30
30%	22	16	14	14	13	16	19	27	33	39	36	30
40%	22	16	14	14	13	15	18	27	33	39	36	29
50%	22	16	14	14	13	15	18	27	33	38	35	28
60%	21	15	13	13	13	15	18	26	31	37	35	26
70%	21	15	13	13	13	15	18	25	31	37	35	26
80%	21	15	13	13	12	15	18	25	30	37	33	26
90%	21	15	13	13	12	15	18	25	30	34	33	26

Table 5A-B3.5.13.2-B. American River Deliveries Annual Total Volume (AmerRivDel), Annual Volume (thousand acre-feet), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	22	15	13	13	13	15	18	26	32	37	35	28
Wet Water Years	22	16	13	13	13	16	18	27	33	38	36	30
Above Normal Water Years	22	16	14	14	13	15	18	27	33	38	36	30
Below Normal Water Years	22	16	13	13	13	15	18	26	32	38	35	27
Dry Water Years	22	16	14	14	13	15	18	25	31	37	34	26
Critical Water Years	22	15	13	13	13	15	18	25	30	34	31	26

Table 5A-B3.5.13.2-C. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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%	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	-2	0
60%	0	0	0	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-B3.5.13.2-D. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Annual Volume (thousand acre-feet), Alternative 2c/4c (2020) minus Existing Conditions

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-B3.5.13.3-A. American River Deliveries Annual Total Volume (AmerRivDel), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	24	16	14	14	13	16	19	27	33	39	37	30
20%	22	16	14	14	13	16	19	27	33	39	37	30
30%	22	16	14	14	13	16	19	27	33	39	36	30
40%	22	16	14	14	13	15	18	27	33	39	36	29
50%	22	16	14	14	13	15	18	27	33	38	35	28
60%	21	15	13	13	13	15	18	26	31	37	35	27
70%	21	15	13	13	13	15	18	25	31	37	35	26
80%	21	15	13	13	12	15	18	25	30	37	33	26
90%	21	15	13	13	12	15	18	25	30	34	33	26

Table 5A-B3.5.13.3-B. American River Deliveries Annual Total Volume (AmerRivDel), Annual Volume (thousand acre-feet), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	22	15	13	13	13	15	18	26	32	37	35	28
Wet Water Years	22	16	13	13	13	16	18	27	33	38	36	30
Above Normal Water Years	22	16	14	14	13	15	18	27	33	38	36	30
Below Normal Water Years	22	16	13	13	13	15	18	26	32	38	35	27
Dry Water Years	22	16	14	14	13	15	18	25	31	37	34	26
Critical Water Years	22	15	13	13	13	15	18	25	30	34	31	26

Table 5A-B3.5.13.3-C. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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%	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	-2	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-B3.5.13.3-D. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Annual Volume (thousand acre-feet), Alternative 1/3 (2020) minus Existing Conditions

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-B3.5.13.4-A. American River Deliveries Annual Total Volume (AmerRivDel), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	22	16	14	14	13	16	19	27	33	39	37	30
20%	22	16	14	14	13	16	19	27	33	39	37	30
30%	22	16	14	14	13	16	19	27	33	39	36	30
40%	22	16	14	14	13	15	18	27	33	39	36	29
50%	22	16	14	14	13	15	18	27	33	38	35	28
60%	21	15	13	13	13	15	18	26	31	37	35	27
70%	21	15	13	13	13	15	18	25	31	37	35	26
80%	21	15	13	13	12	15	18	25	30	37	33	26
90%	21	15	13	13	12	15	18	25	30	34	33	26

Table 5A-B3.5.13.4-B. American River Deliveries Annual Total Volume (AmerRivDel), Annual Volume (thousand acre-feet), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	22	15	13	13	13	15	18	26	32	37	35	28
Wet Water Years	22	16	13	13	13	16	18	27	33	38	36	30
Above Normal Water Years	22	16	14	14	13	15	18	27	33	38	36	30
Below Normal Water Years	22	16	13	13	13	15	18	26	32	38	35	27
Dry Water Years	22	16	14	14	13	15	18	25	31	37	34	26
Critical Water Years	22	15	13	13	13	15	18	25	30	34	31	26

Table 5A-B3.5.13.4-C. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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	-2	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-B3.5.13.4-D. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Annual Volume (thousand acre-feet), Alternative 2a/4a (2020) minus Existing Conditions

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-B3.5.13.5-A. American River Deliveries Annual Total Volume (AmerRivDel), Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	24	16	14	14	13	16	19	27	33	39	37	30
20%	22	16	14	14	13	16	19	27	33	39	37	30
30%	22	16	14	14	13	16	19	27	33	39	36	30
40%	22	16	14	14	13	15	18	27	33	39	36	29
50%	22	16	14	14	13	15	18	27	33	38	35	28
60%	21	15	13	13	13	15	18	26	31	37	35	27
70%	21	15	13	13	13	15	18	25	31	37	35	26
80%	21	15	13	13	12	15	18	25	30	37	33	26
90%	21	15	13	13	12	15	18	25	30	34	33	26

Table 5A-B3.5.13.5-B. American River Deliveries Annual Total Volume (AmerRivDel), Annual Volume (thousand acre-feet), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	22	15	13	13	13	15	18	26	32	37	35	28
Wet Water Years	22	16	13	13	13	16	18	27	33	38	36	30
Above Normal Water Years	22	16	14	14	13	15	18	27	33	38	36	30
Below Normal Water Years	22	16	13	13	13	15	18	26	32	38	35	27
Dry Water Years	22	16	14	14	13	15	18	25	31	37	34	26
Critical Water Years	22	15	13	13	13	15	18	25	30	34	31	26

Table 5A-B3.5.13.5-C. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Exceedance Probabilities for Annual Volume (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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%	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	-2	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-B3.5.13.5-D. American River Deliveries Annual Total Volume (AmerRivDel), Difference in Annual Volume (thousand acre-feet), Alternative 5 (2020) minus Existing Conditions

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.5.14 Los Vaqueros Water Quality

Figure 5A-B3.5.14.1-A. Los Vaqueros Water Quality Monthly Salinity (WQ422), Probability of Exceedance for Existing Condition, October to March

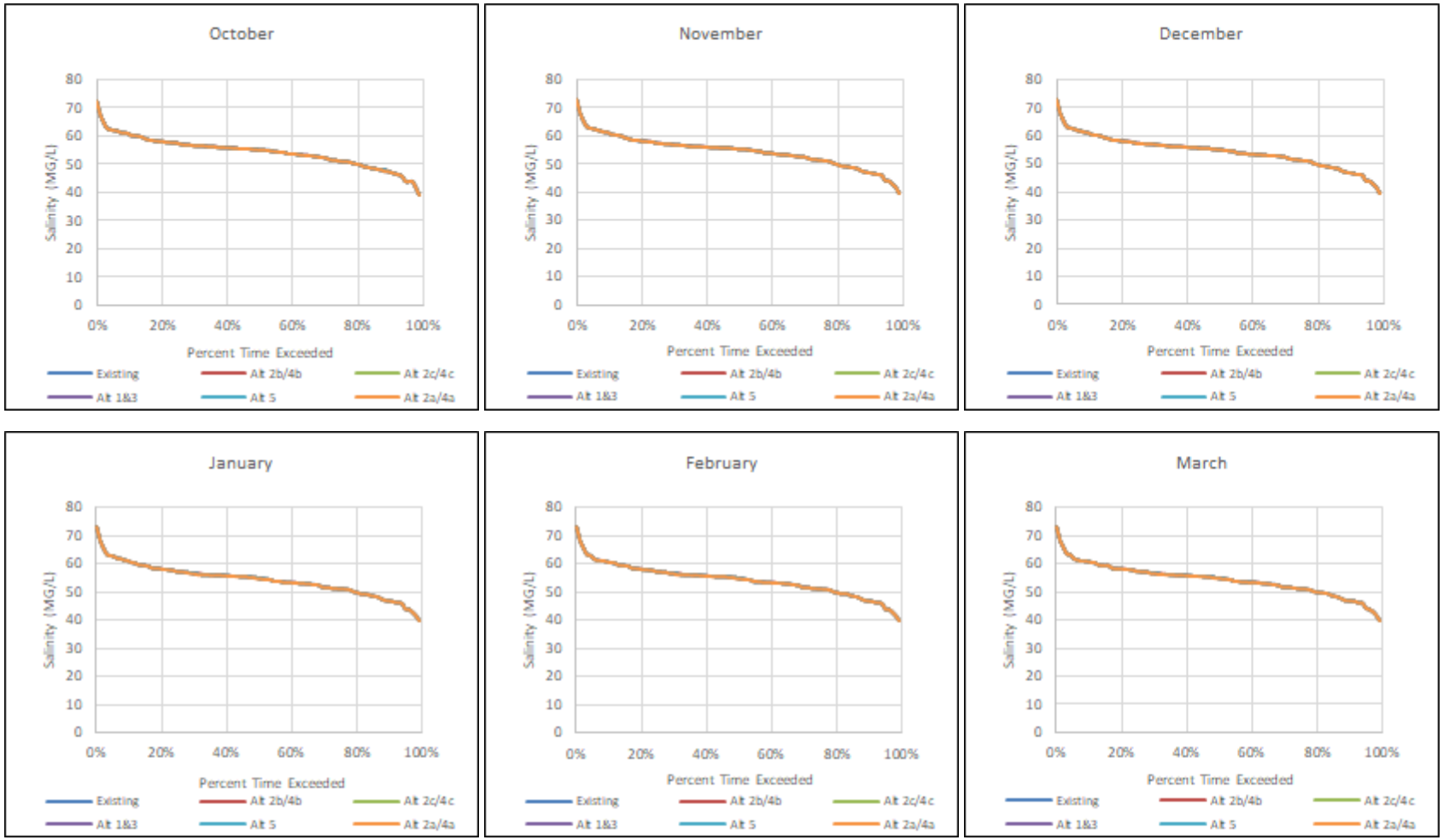


Figure 5A-B3.5.14.1-B. Los Vaqueros Water Quality Monthly Salinity (WQ422), Probability of Exceedance for Existing Condition, April to September

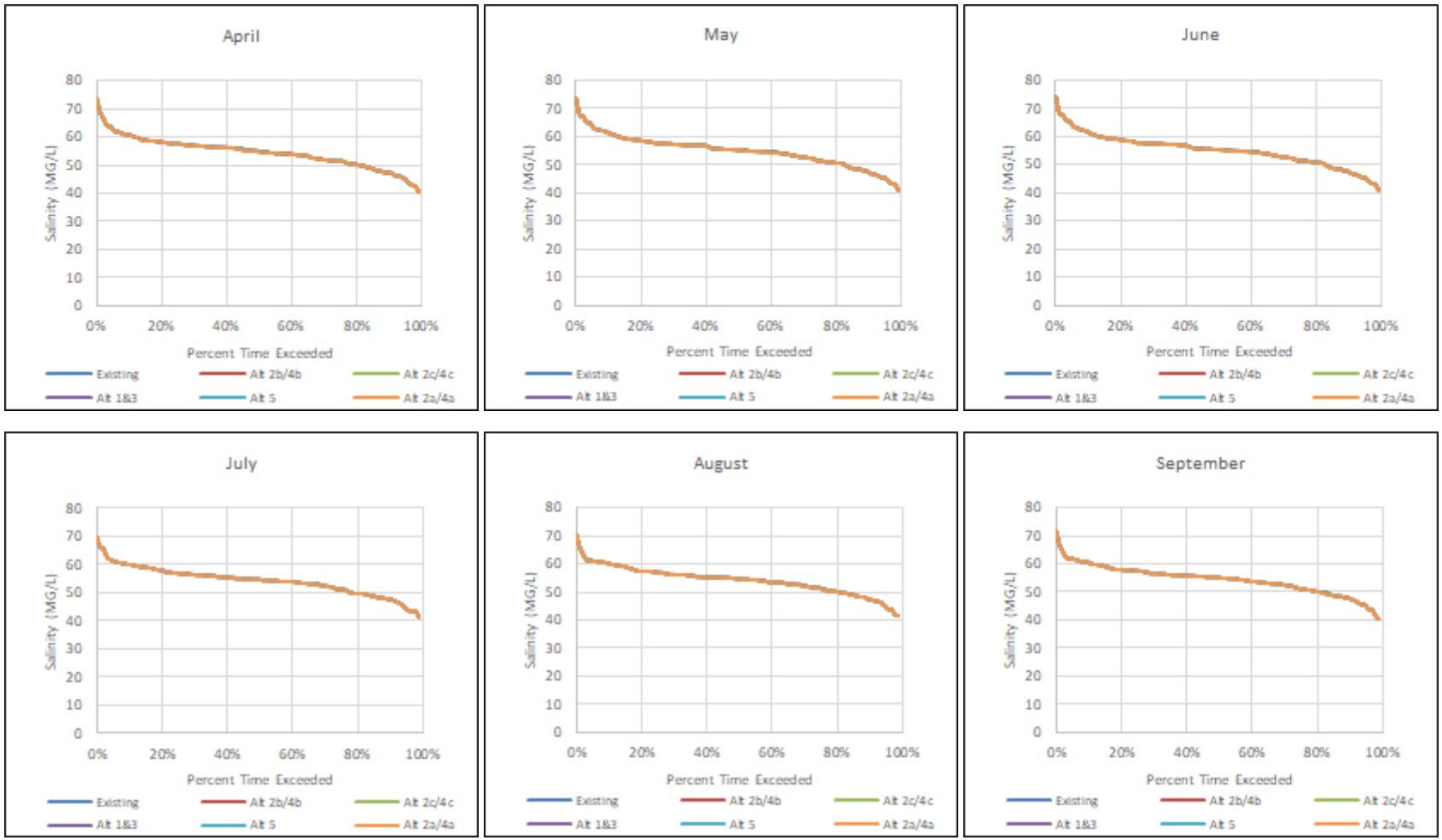


Table 5A-B3.5.14.1-A. Los Vaqueros Water Quality Monthly Salinity (WQ422), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61	61	61	61	61	61	61	61	62	60	60	61
20%	58	58	58	58	58	58	58	58	59	58	57	58
30%	57	57	57	56	57	57	57	57	58	56	56	57
40%	56	56	56	56	56	56	56	57	57	56	55	56
50%	55	55	55	55	55	55	55	55	56	55	55	55
60%	54	54	53	53	53	54	54	54	55	54	54	54
70%	52	52	52	52	52	52	52	53	53	52	53	53
80%	50	50	50	50	50	50	50	51	51	50	50	50
90%	47	47	47	47	47	47	47	48	48	48	48	48

Table 5A-B3.5.14.1-B. Los Vaqueros Water Quality Monthly Salinity (WQ422), Monthly Salinity (milligrams per liter), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54	54	54	54	54	54	55	55	55	54	54	54
Wet Water Years	53	53	53	53	53	53	52	52	52	52	52	51
Above Normal Water Years	56	56	56	56	56	56	57	56	57	55	54	54
Below Normal Water Years	55	55	55	55	55	55	55	56	56	55	55	55
Dry Water Years	53	53	53	53	53	54	54	55	55	54	55	55
Critical Water Years	57	57	57	57	57	57	58	58	59	59	59	60

Table 5A-B3.5.14.1-C. Los Vaqueros Water Quality Monthly Salinity (WQ422), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61	61	61	61	61	61	61	61	62	60	60	61
20%	58	58	58	58	58	58	58	58	59	58	57	58
30%	57	57	57	57	57	57	57	57	58	56	56	57
40%	56	56	56	56	56	56	56	57	57	56	55	56
50%	55	55	55	55	55	55	55	55	56	55	55	55
60%	54	54	53	53	53	54	54	54	55	54	54	54
70%	52	52	52	52	52	52	52	53	53	53	53	53
80%	50	50	50	50	50	50	50	51	51	50	50	50
90%	48	47	47	47	47	47	47	48	48	48	48	48

Table 5A-B3.5.14.1-D. Los Vaqueros Water Quality Monthly Salinity (WQ422), Monthly Salinity (milligrams per liter), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54	54	54	54	54	55	55	55	55	54	54	54
Wet Water Years	53	53	53	53	53	53	52	52	53	52	52	51
Above Normal Water Years	56	56	56	56	56	56	57	56	57	55	54	54
Below Normal Water Years	55	55	55	55	55	55	55	56	56	55	55	55
Dry Water Years	53	53	53	53	53	54	54	55	55	54	55	55
Critical Water Years	57	57	57	57	57	57	58	58	59	59	59	60

Table 5A-B3.5.14.1-E. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2b/4b (2020) minus Existing Conditions

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-B3.5.14.1-F. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Monthly Salinity (milligrams per liter), Alternative 2b/4b (2020) minus Existing Conditions

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-B3.5.14.2-A. Los Vaqueros Water Quality Monthly Salinity (WQ422), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61	61	61	61	61	61	61	61	62	60	60	61
20%	58	58	58	58	58	58	58	58	59	58	57	58
30%	57	57	57	57	57	57	57	57	58	56	56	57
40%	56	56	56	56	56	56	56	57	57	55	55	56
50%	55	55	55	55	55	55	55	55	56	55	55	55
60%	54	54	53	53	53	54	54	54	55	54	54	54
70%	52	52	52	52	52	52	52	53	53	53	52	53
80%	50	50	50	50	50	50	50	51	51	50	50	50
90%	48	47	47	47	47	47	47	48	48	48	48	48

Table 5A-B3.5.14.2-B. Los Vaqueros Water Quality Monthly Salinity (WQ422), Monthly Salinity (milligrams per liter), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54	54	54	54	54	54	55	55	55	54	54	54
Wet Water Years	53	53	53	53	53	53	52	52	53	52	52	51
Above Normal Water Years	56	56	56	56	56	56	57	56	57	55	54	54
Below Normal Water Years	55	55	55	55	55	55	55	56	56	55	55	55
Dry Water Years	53	53	53	53	53	54	54	55	55	54	55	55
Critical Water Years	57	57	57	57	57	57	58	58	59	59	59	60

Table 5A-B3.5.14.2-C. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2c/4c (2020) minus Existing Conditions

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-B3.5.14.2-D. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Monthly Salinity (milligrams per liter), Alternative 2c/4c (2020) minus Existing Conditions

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-B3.5.14.3-A. Los Vaqueros Water Quality Monthly Salinity (WQ422), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61	61	61	61	61	61	61	61	62	60	60	61
20%	58	58	58	58	58	58	58	58	59	58	57	58
30%	57	57	57	57	57	57	57	57	58	56	56	57
40%	56	56	56	56	56	56	56	57	57	55	55	56
50%	55	55	55	55	55	55	55	55	56	55	55	55
60%	54	54	53	53	53	54	54	54	55	54	54	54
70%	52	52	52	52	52	52	52	53	53	53	52	53
80%	50	50	50	50	50	50	50	51	51	50	50	50
90%	48	47	47	47	47	47	47	48	48	48	48	48

Table 5A-B3.5.14.3-B. Los Vaqueros Water Quality Monthly Salinity (WQ422), Monthly Salinity (milligrams per liter), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54	54	54	54	54	54	55	55	55	54	54	54
Wet Water Years	53	53	53	53	53	53	52	52	53	52	52	51
Above Normal Water Years	56	56	56	56	56	56	57	56	57	55	54	54
Below Normal Water Years	55	55	55	55	55	55	55	56	56	55	55	55
Dry Water Years	53	53	53	53	53	54	54	55	55	54	55	55
Critical Water Years	57	57	57	57	57	57	58	58	59	59	59	60

Table 5A-B3.5.14.3-C. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 1/3 (2020) minus Existing Conditions

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-B3.5.14.3-D. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Monthly Salinity (milligrams per liter), Alternative 1/3 (2020) minus Existing Conditions

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-B3.5.14.4-A. Los Vaqueros Water Quality Monthly Salinity (WQ422), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61	61	61	61	61	61	61	61	62	60	60	61
20%	58	58	58	58	58	58	58	58	59	58	57	58
30%	57	57	57	56	56	57	57	57	58	56	56	57
40%	56	56	56	56	56	56	56	57	57	55	55	56
50%	55	55	55	55	55	55	55	55	56	55	55	55
60%	54	54	53	53	53	53	54	54	55	54	54	54
70%	52	52	52	52	52	52	52	53	53	52	52	53
80%	50	50	50	50	50	50	50	51	51	50	50	50
90%	47	47	47	47	47	47	47	48	48	48	48	48

Table 5A-B3.5.14.4-B. Los Vaqueros Water Quality Monthly Salinity (WQ422), Monthly Salinity (milligrams per liter), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54	54	54	54	54	54	55	55	55	54	54	54
Wet Water Years	53	53	53	53	53	53	52	52	52	52	52	51
Above Normal Water Years	56	56	56	56	56	56	57	56	57	55	54	54
Below Normal Water Years	55	55	55	55	55	55	55	56	56	55	55	55
Dry Water Years	53	53	53	53	53	54	54	55	55	54	55	55
Critical Water Years	57	57	57	57	57	57	58	58	59	59	59	60

Table 5A-B3.5.14.4-C. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2a/4a (2020) minus Existing Conditions

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-B3.5.14.4-D. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Monthly Salinity (milligrams per liter), Alternative 2a/4a (2020) minus Existing Conditions

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-B3.5.14.5-A. Los Vaqueros Water Quality Monthly Salinity (WQ422), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61	61	61	61	61	61	61	61	62	60	60	61
20%	58	58	58	58	58	58	58	58	59	58	57	58
30%	57	57	57	57	57	57	57	57	58	56	56	57
40%	56	56	56	56	56	56	56	57	57	55	55	56
50%	55	55	55	55	55	55	55	55	56	55	55	55
60%	54	54	53	53	53	54	54	54	55	54	54	54
70%	52	52	52	52	52	52	52	53	53	53	52	53
80%	50	50	50	50	50	50	50	51	51	50	50	50
90%	48	47	47	47	47	47	47	48	48	48	48	48

Table 5A-B3.5.14.5-B. Los Vaqueros Water Quality Monthly Salinity (WQ422), Monthly Salinity (milligrams per liter), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54	54	54	54	54	54	55	55	55	54	54	54
Wet Water Years	53	53	53	53	53	53	52	52	53	52	52	51
Above Normal Water Years	56	56	56	56	56	56	57	56	57	55	54	54
Below Normal Water Years	55	55	55	55	55	55	55	56	56	55	55	55
Dry Water Years	53	53	53	53	53	54	54	55	55	54	55	55
Critical Water Years	57	57	57	57	57	57	58	58	59	59	59	60

Table 5A-B3.5.14.5-C. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 5 (2020) minus Existing Conditions

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-B3.5.14.5-D. Los Vaqueros Water Quality Monthly Salinity (WQ422), Difference in Monthly Salinity (milligrams per liter), Alternative 5 (2020) minus Existing Conditions

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-B3.5.15.1-A. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Probability of Exceedance for Existing Condition, October to March

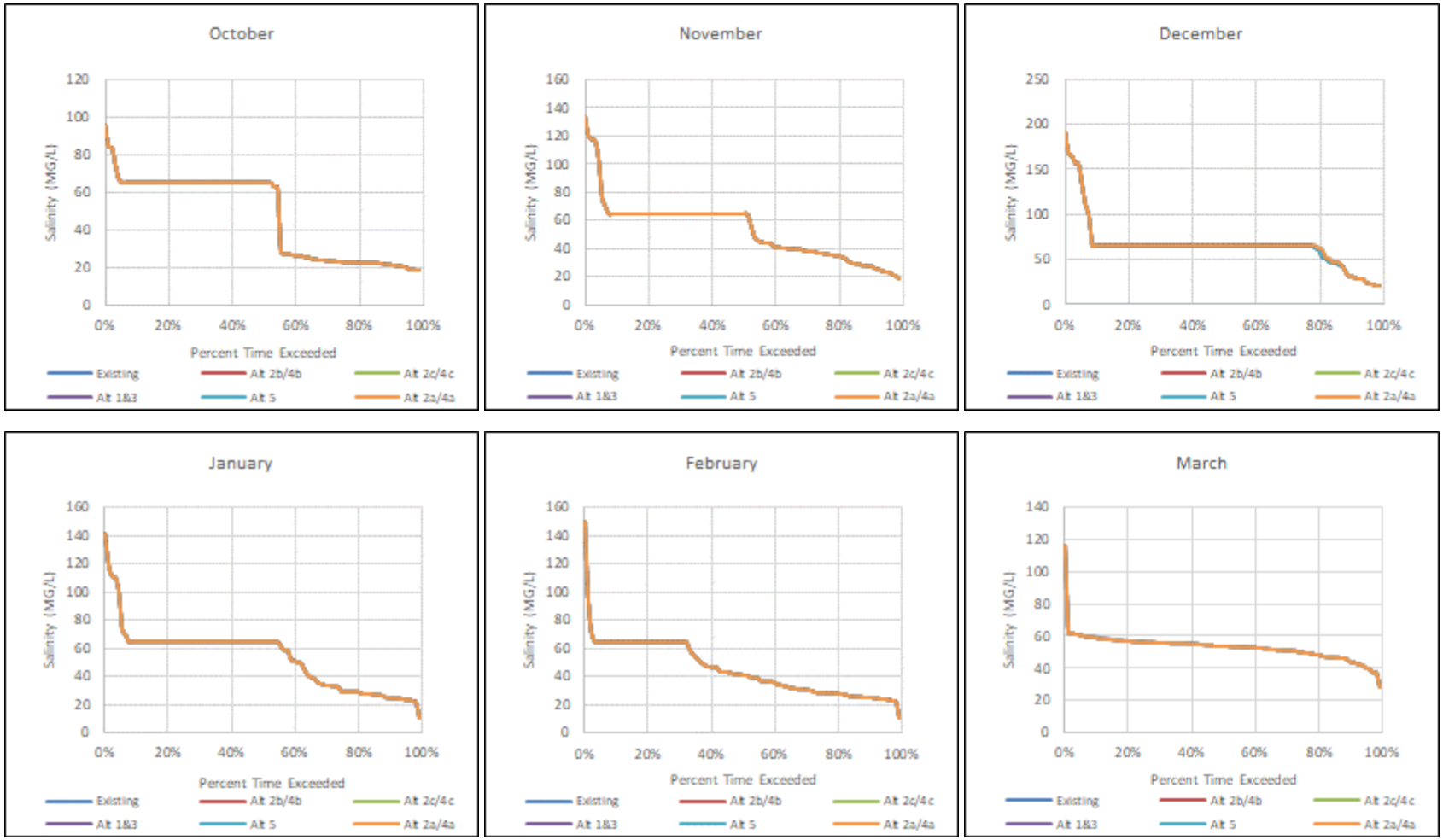


Figure 5A-B3.5.15.1-B. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Probability of Exceedance for Existing Condition, April to September

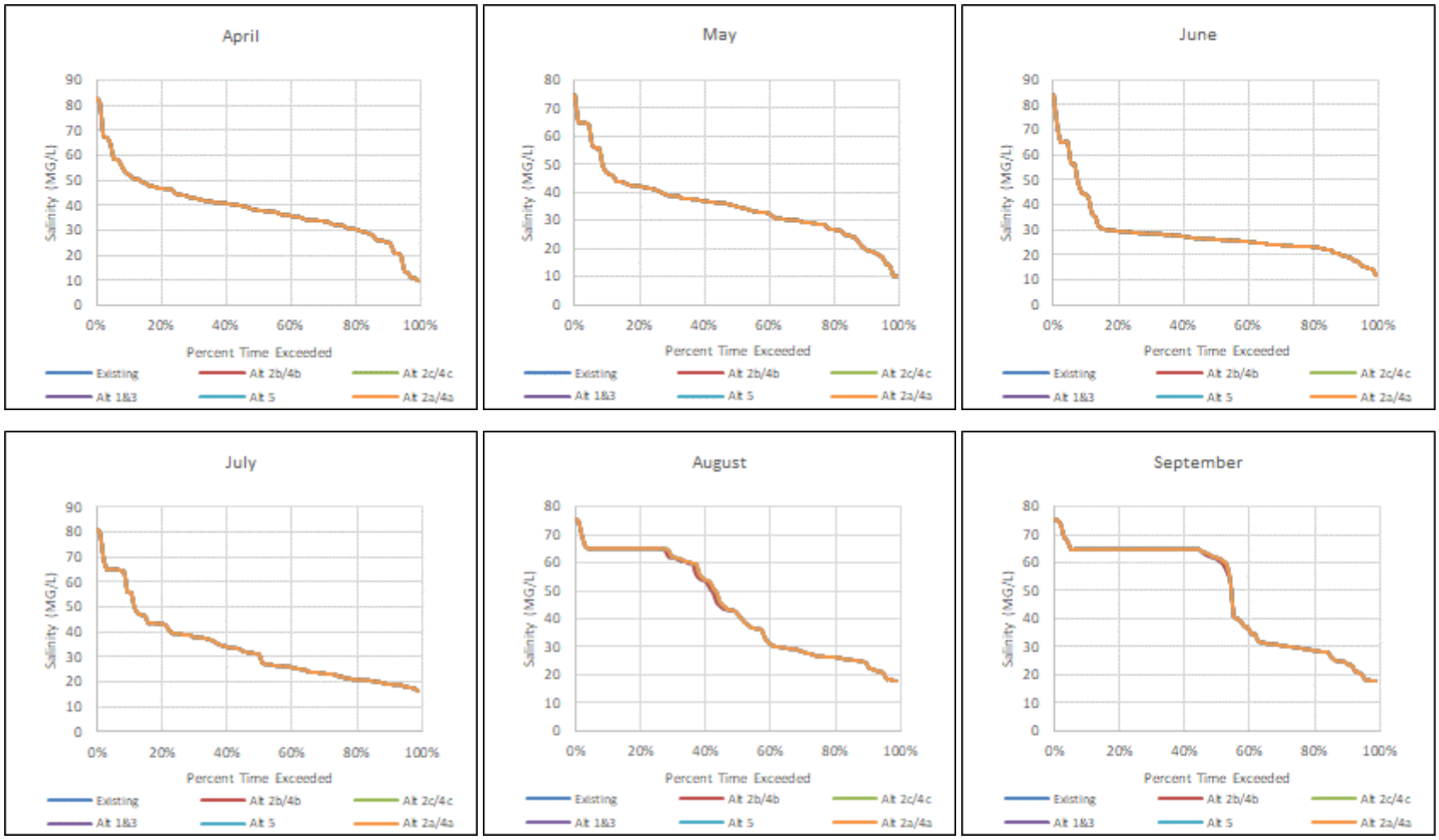


Table 5A-B3.5.15.1-A. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	65	65	65	65	59	53	47	44	56	65	65
20%	65	65	65	65	65	57	47	42	29	43	65	65
30%	65	65	65	65	65	56	43	39	28	38	62	65
40%	65	65	65	65	47	55	41	37	27	34	54	65
50%	65	65	65	65	41	54	38	35	26	31	42	62
60%	26	42	65	52	36	53	36	33	25	26	32	37
70%	24	39	65	34	31	51	34	30	24	23	29	31
80%	23	36	64	29	28	48	31	27	23	21	26	29
90%	21	28	32	25	25	45	26	20	19	19	25	25

Table 5A-B3.5.15.1-B. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Monthly Salinity (milligrams per liter), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	47	54	66	54	46	53	39	35	29	34	44	49
Wet Water Years	45	49	55	38	33	52	29	25	22	21	26	28
Above Normal Water Years	46	58	76	54	39	52	41	31	24	24	30	30
Below Normal Water Years	42	48	63	59	46	54	41	37	26	34	51	63
Dry Water Years	47	53	63	63	57	52	41	37	29	46	62	65
Critical Water Years	62	70	91	70	64	56	54	54	53	53	65	67

Table 5A-B3.5.15.1-C. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	65	65	65	65	59	53	47	44	56	65	65
20%	65	65	65	65	65	57	47	42	29	43	65	65
30%	65	65	65	65	65	56	43	39	28	38	62	65
40%	65	65	65	65	47	55	41	37	27	34	54	65
50%	65	65	65	65	41	54	38	35	26	31	42	62
60%	26	42	65	52	36	53	36	33	25	26	32	37
70%	24	39	65	34	31	51	34	30	24	23	29	31
80%	23	36	61	29	28	48	31	27	23	21	26	29
90%	21	28	32	25	25	45	26	20	19	19	25	25

Table 5A-B3.5.15.1-D. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Monthly Salinity (milligrams per liter), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	47	54	66	54	46	53	39	35	29	34	44	49
Wet Water Years	45	49	55	38	33	52	29	25	22	21	26	28
Above Normal Water Years	46	58	74	54	39	52	41	31	24	24	30	30
Below Normal Water Years	42	48	63	59	46	54	41	37	26	34	51	63
Dry Water Years	47	53	63	63	57	52	41	37	29	46	62	65
Critical Water Years	62	70	91	70	64	56	54	54	53	53	65	67

Table 5A-B3.5.15.1-E. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2b/4b (2020) minus Existing Conditions

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	-2	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.5.15.1-F. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Monthly Salinity (milligrams per liter), Alternative 2b/4b (2020) minus Existing Conditions

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	-2	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-B3.5.15.2-A. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	65	65	65	65	59	53	47	44	56	65	65
20%	65	65	65	65	65	57	47	42	29	43	65	65
30%	65	65	65	65	65	56	43	39	28	38	62	65
40%	65	65	65	65	47	55	41	37	27	34	54	65
50%	65	65	65	65	41	54	38	35	26	31	42	62
60%	26	42	65	52	36	53	36	33	25	26	32	37
70%	24	39	65	34	31	51	34	30	24	23	29	31
80%	23	36	61	29	28	48	31	27	23	21	26	29
90%	21	28	32	25	25	45	26	20	19	19	25	25

Table 5A-B3.5.15.2-B. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Monthly Salinity (milligrams per liter), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	47	54	66	54	46	53	39	35	29	34	45	49
Wet Water Years	45	49	55	38	33	52	29	25	22	21	26	28
Above Normal Water Years	46	58	74	54	39	52	41	31	24	24	30	30
Below Normal Water Years	42	48	63	59	46	54	41	37	26	34	52	63
Dry Water Years	47	53	63	63	57	52	41	37	29	46	62	65
Critical Water Years	62	70	91	70	64	56	54	54	53	53	65	67

Table 5A-B3.5.15.2-C. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2c/4c (2020) minus Existing Conditions

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	1	0
40%	0	0	0	0	0	0	0	0	0	0	1	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	-2	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.5.15.2-D. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Monthly Salinity (milligrams per liter), Alternative 2c/4c (2020) minus Existing Conditions

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	-2	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	1	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-B3.5.15.3-A. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	65	65	65	65	59	53	47	44	56	65	65
20%	65	65	65	65	65	57	47	42	29	43	65	65
30%	65	65	65	65	65	56	43	39	28	38	62	65
40%	65	65	65	65	47	55	41	37	27	34	54	65
50%	65	65	65	65	41	54	38	35	26	31	42	62
60%	26	42	65	52	36	53	36	33	25	26	32	37
70%	24	39	65	34	31	51	34	30	24	23	29	31
80%	23	36	61	29	28	48	31	27	23	21	26	29
90%	21	28	32	25	25	45	26	20	19	19	25	25

Table 5A-B3.5.15.3-B. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Monthly Salinity (milligrams per liter), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	47	54	66	54	46	53	39	35	29	34	45	49
Wet Water Years	45	49	55	38	33	52	29	25	22	21	26	28
Above Normal Water Years	46	58	74	54	39	52	41	31	24	24	30	30
Below Normal Water Years	42	48	63	59	46	54	41	37	26	34	52	63
Dry Water Years	47	53	63	63	57	52	41	37	29	46	62	65
Critical Water Years	62	70	91	70	64	56	54	54	53	53	65	67

Table 5A-B3.5.15.3-C. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 1/3 (2020) minus Existing Conditions

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	1	0
40%	0	0	0	0	0	0	0	0	0	0	1	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	-2	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.5.15.3-D. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Monthly Salinity (milligrams per liter), Alternative 1/3 (2020) minus Existing Conditions

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	-2	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	1	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-B3.5.15.4-A. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	65	65	65	65	59	53	47	44	56	65	65
20%	65	65	65	65	65	57	47	42	29	43	65	65
30%	65	65	65	65	65	56	43	39	28	38	62	65
40%	65	65	65	65	47	55	41	37	27	34	54	65
50%	65	65	65	65	41	54	38	35	26	31	42	62
60%	26	42	65	52	36	53	36	33	25	26	32	37
70%	24	39	65	34	31	51	34	30	24	23	29	31
80%	23	36	64	29	28	48	31	27	23	21	26	29
90%	21	28	32	25	25	45	26	20	19	19	25	25

Table 5A-B3.5.15.4-B. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Monthly Salinity (milligrams per liter), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	47	54	66	54	46	53	39	35	29	34	45	49
Wet Water Years	45	49	55	38	33	52	29	25	22	21	26	28
Above Normal Water Years	46	58	76	54	39	52	41	31	24	24	30	30
Below Normal Water Years	42	48	63	59	46	54	41	37	26	34	52	63
Dry Water Years	47	53	63	63	57	52	41	37	29	46	62	65
Critical Water Years	62	70	91	70	64	56	54	54	53	53	65	67

Table 5A-B3.5.15.4-C. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 2a/4a (2020) minus Existing Conditions

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	1	0
40%	0	0	0	0	0	0	0	0	0	0	1	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-B3.5.15.4-D. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Monthly Salinity (milligrams per liter), Alternative 2a/4a (2020) minus Existing Conditions

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	1	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-B3.5.15.5-A. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65	65	65	65	65	59	53	47	44	56	65	65
20%	65	65	65	65	65	57	47	42	29	43	65	65
30%	65	65	65	65	65	56	43	39	28	38	62	65
40%	65	65	65	65	47	55	41	37	27	34	54	65
50%	65	65	65	65	41	54	38	35	26	31	42	62
60%	26	42	65	52	36	53	36	33	25	26	32	37
70%	24	39	65	34	31	51	34	30	24	23	29	31
80%	23	36	61	29	28	48	31	27	23	21	26	29
90%	21	28	32	25	25	45	26	20	19	19	25	25

Table 5A-B3.5.15.5-B. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Monthly Salinity (milligrams per liter), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	47	54	66	54	46	53	39	35	29	34	45	49
Wet Water Years	45	49	55	38	33	52	29	25	22	21	26	28
Above Normal Water Years	46	58	74	54	39	52	41	31	24	24	30	30
Below Normal Water Years	42	48	63	59	46	54	41	37	26	34	52	63
Dry Water Years	47	53	63	63	57	52	41	37	29	46	62	65
Critical Water Years	62	70	91	70	64	56	54	54	53	53	65	67

Table 5A-B3.5.15.5-C. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Exceedance Probabilities for Monthly Salinity (milligrams per liter), Alternative 5 (2020) minus Existing Conditions

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	1	0
40%	0	0	0	0	0	0	0	0	0	0	1	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	-2	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0

Table 5A-B3.5.15.5-D. Contra Costa Water District Delivered Water Quality Monthly Salinity (WQ420), Difference in Monthly Salinity (milligrams per liter), Alternative 5 (2020) minus Existing Conditions

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	-2	0	0	0	0	0	0	0	0	0
Below Normal Water Years	0	0	0	0	0	0	0	0	0	0	1	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