

Table SW-14-5a
Sacramento River below Delevan Intake and Pipeline, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	6,234	8,862	14,547	21,245	25,498	19,959	11,661	8,385	7,862	8,770	7,277	8,066
Alternative B	7,012	9,781	14,328	20,188	24,479	17,584	10,893	8,145	8,409	10,226	7,838	9,051
Difference	779	919	-219	-1,057	-1,018	-2,375	-767	-240	547	1,455	561	985
Percent Difference ³	12.5%	10.4%	-1.5%	-5.0%	-4.0%	-11.9%	-6.6%	-2.9%	7.0%	16.6%	7.7%	12.2%
Water Year Types²												
Wet (32%)												
No Action Alternative	7,414	11,413	15,337	38,456	42,977	33,038	19,238	12,191	8,789	8,608	7,521	12,512
Alternative B	8,756	12,476	14,989	37,183	41,764	30,622	17,928	11,609	9,383	9,813	7,560	13,596
Difference	1,342	1,064	-348	-1,273	-1,213	-2,416	-1,310	-582	594	1,205	39	1,084
Percent Difference	18.1%	9.3%	-2.3%	-3.3%	-2.8%	-7.3%	-6.8%	-4.8%	6.8%	14.0%	0.5%	8.7%
Above Normal (15%)												
No Action Alternative	6,212	11,019	14,836	24,491	32,399	23,921	11,972	8,904	7,864	9,087	7,132	8,159
Alternative B	6,960	12,269	14,427	22,202	30,596	20,280	10,799	8,152	7,990	11,114	7,675	8,959
Difference	748	1,250	-409	-2,289	-1,803	-3,640	-1,172	-752	126	2,027	543	799
Percent Difference	12.0%	11.3%	-2.8%	-9.3%	-5.6%	-15.2%	-9.8%	-8.4%	1.6%	22.3%	7.6%	9.8%
Below Normal (17%)												
No Action Alternative	5,761	8,082	16,579	12,964	17,158	12,172	8,782	6,787	7,244	8,240	6,717	5,287
Alternative B	6,697	9,035	16,586	11,700	16,347	9,286	8,091	6,557	7,453	10,008	7,176	6,094
Difference	936	953	7	-1,265	-810	-2,886	-690	-229	209	1,768	459	807
Percent Difference	16.2%	11.8%	0.0%	-9.8%	-4.7%	-23.7%	-7.9%	-3.4%	2.9%	21.5%	6.8%	15.3%
Dry (22%)												
No Action Alternative	5,620	6,869	16,082	9,443	13,412	12,190	6,698	5,860	7,336	9,060	7,454	5,603
Alternative B	5,822	7,828	16,248	9,144	12,612	9,960	6,352	6,206	7,931	10,647	8,558	6,666
Difference	203	959	166	-299	-800	-2,230	-346	346	595	1,586	1,104	1,063
Percent Difference	3.6%	14.0%	1.0%	-3.2%	-6.0%	-18.3%	-5.2%	5.9%	8.1%	17.5%	14.8%	19.0%
Critical (15%)												
No Action Alternative	5,171	5,078	7,875	8,072	8,584	8,396	5,736	5,274	7,363	8,990	7,279	5,274
Alternative B	5,442	5,256	7,284	7,819	8,203	7,758	5,827	5,393	8,548	9,854	8,295	6,323
Difference	271	177	-591	-253	-381	-638	91	119	1,185	864	1,015	1,049
Percent Difference	5.2%	3.5%	-7.5%	-3.1%	-4.4%	-7.6%	1.6%	2.3%	16.1%	9.6%	13.9%	19.9%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

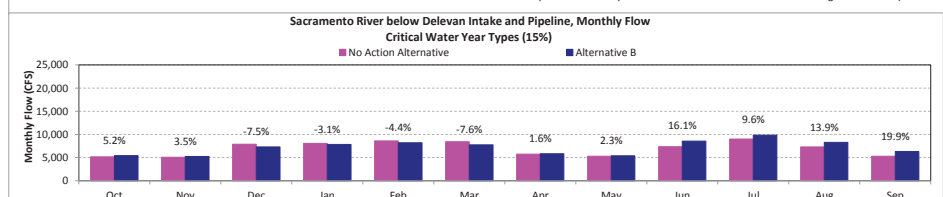
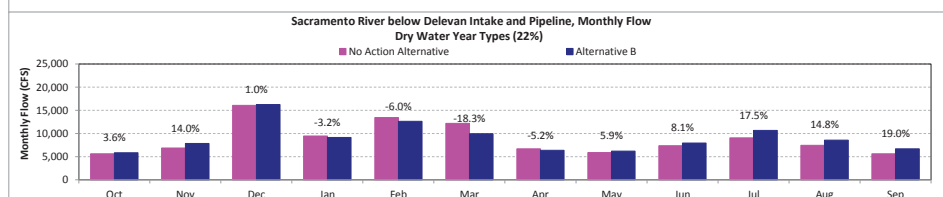
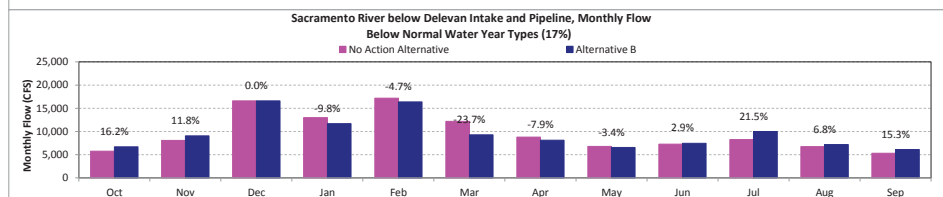
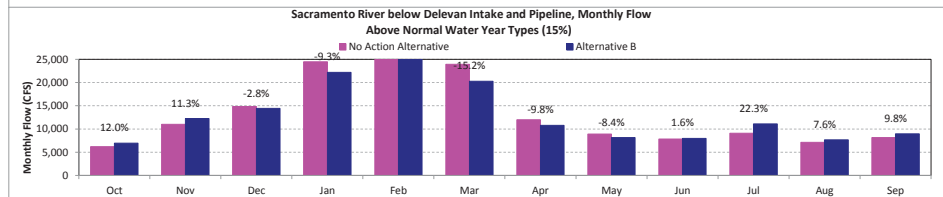
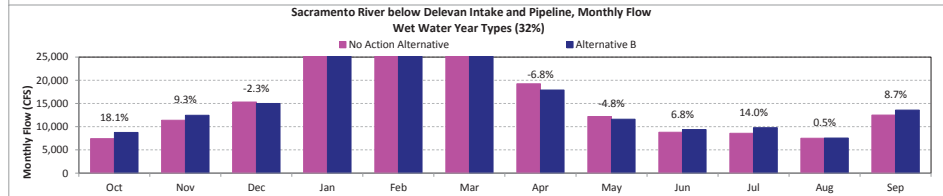
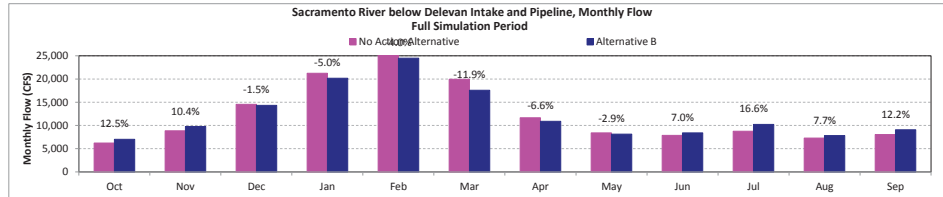


Figure SW-14-5b
Sacramento River below Delevan Intake and Pipeline, Monthly Flow
Probability of Exceedance

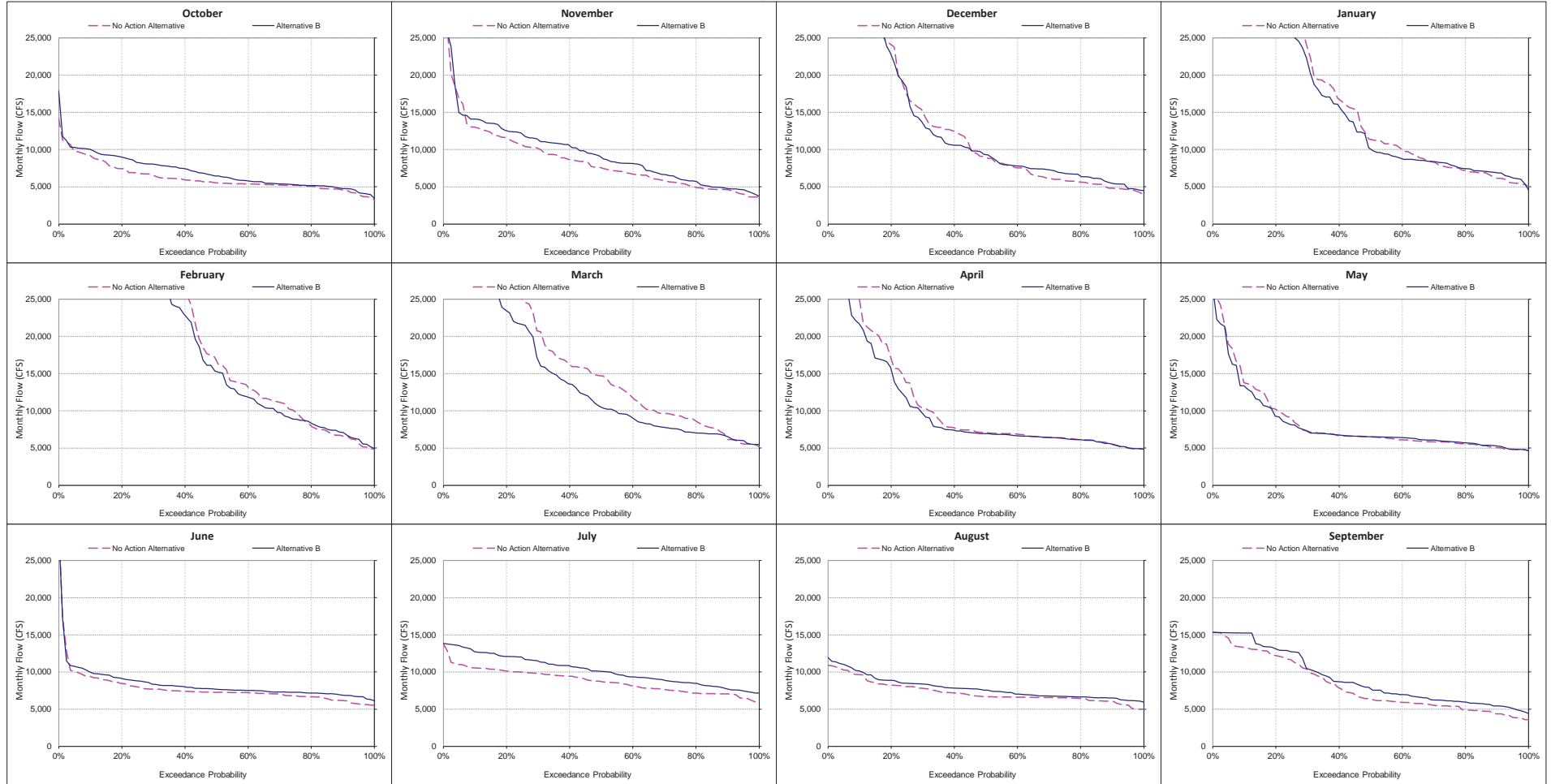


Table SW-15-5a
Sacramento River at Wilken Slough, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	6,013	8,450	11,320	13,710	15,316	14,122	8,709	6,840	5,733	6,695	5,725	7,749
Alternative B	6,785	9,384	11,345	13,343	14,913	12,590	8,292	6,667	6,278	8,130	6,249	8,744
Difference	772	934	25	-366	-404	-1,533	-418	-173	545	1,435	525	995
Percent Difference ³	12.8%	11.1%	0.2%	-2.7%	-2.6%	-10.9%	-4.8%	-2.5%	9.5%	21.4%	9.2%	12.8%
Water Year Types²												
Wet (32%)												
No Action Alternative	7,090	11,141	11,589	19,105	19,831	18,268	13,423	10,357	6,434	6,606	6,034	12,210
Alternative B	8,422	12,192	11,718	18,872	19,520	17,349	12,902	9,907	7,037	7,787	6,042	13,315
Difference	1,332	1,051	129	-233	-311	-919	-521	-450	603	1,181	8	1,105
Percent Difference	18.8%	9.4%	1.1%	-1.2%	-1.6%	-5.0%	-3.9%	-4.3%	9.4%	17.9%	0.1%	9.0%
Above Normal (15%)												
No Action Alternative	5,985	9,241	12,327	16,513	19,069	17,632	10,200	7,244	5,842	7,021	5,583	7,854
Alternative B	6,732	10,799	12,270	16,001	18,265	15,770	9,307	6,681	5,972	9,031	6,067	8,663
Difference	747	1,559	-57	-512	-804	-1,862	-892	-563	131	2,010	484	809
Percent Difference	12.5%	16.9%	-0.5%	-3.1%	-4.2%	-10.6%	-8.7%	-7.8%	2.2%	28.6%	8.7%	10.3%
Below Normal (17%)												
No Action Alternative	5,610	7,976	12,629	12,400	14,370	12,001	7,022	5,430	5,242	6,137	5,154	4,980
Alternative B	6,538	8,920	12,876	11,369	13,972	9,135	6,597	5,187	5,440	7,892	5,562	5,797
Difference	928	943	248	-1,031	-399	-2,866	-425	-243	199	1,755	407	817
Percent Difference	16.5%	11.8%	2.0%	-8.3%	-2.8%	-23.9%	-6.1%	-4.5%	3.8%	28.6%	7.9%	16.4%
Dry (22%)												
No Action Alternative	5,461	6,719	11,566	8,850	11,606	11,396	5,268	4,532	5,285	6,932	5,848	5,281
Alternative B	5,659	7,550	11,722	8,820	11,274	9,625	4,971	4,879	5,863	8,503	6,913	6,336
Difference	198	831	156	-30	-331	-1,771	-297	346	578	1,571	1,065	1,056
Percent Difference	3.6%	12.4%	1.3%	-0.3%	-2.9%	-15.5%	-5.6%	7.6%	10.9%	22.7%	18.2%	20.0%
Critical (15%)												
No Action Alternative	5,008	4,978	7,834	8,034	8,451	8,196	4,136	3,921	5,351	6,860	5,676	4,908
Alternative B	5,270	5,178	7,258	7,794	8,133	7,574	4,245	4,041	6,540	7,693	6,687	5,969
Difference	262	200	-576	-239	-318	-621	109	120	1,189	833	1,011	1,061
Percent Difference	5.2%	4.0%	-7.4%	-3.0%	-3.8%	-7.6%	2.6%	3.1%	22.2%	12.1%	17.8%	21.6%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

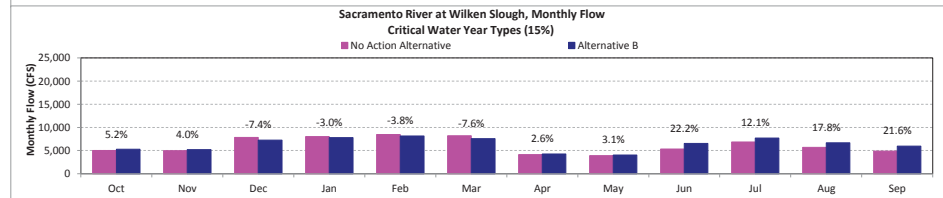
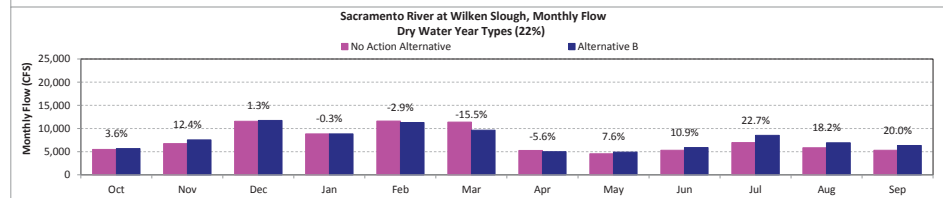
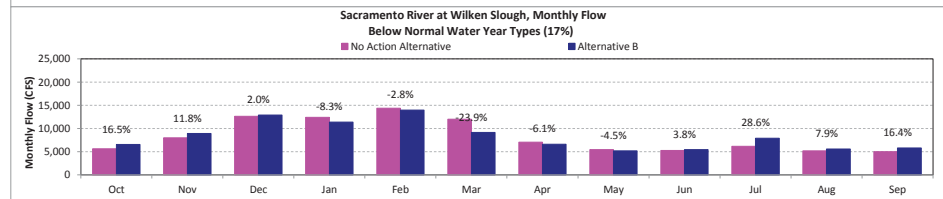
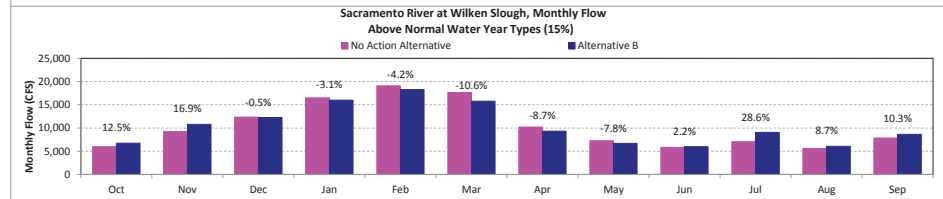
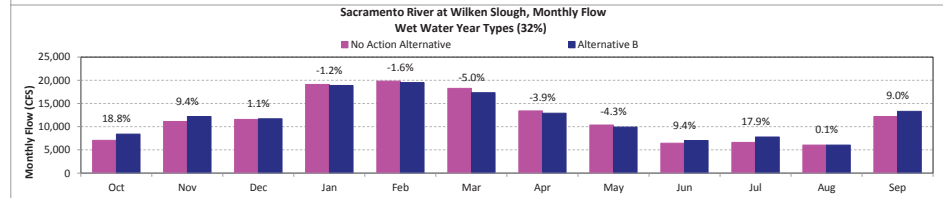
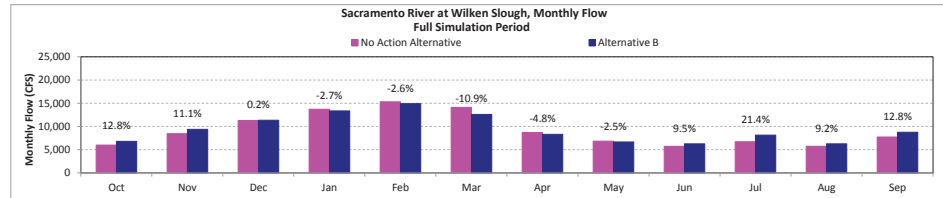


Figure SW-15-5b
Sacramento River at Wilken Slough, Monthly Flow
Probability of Exceedance

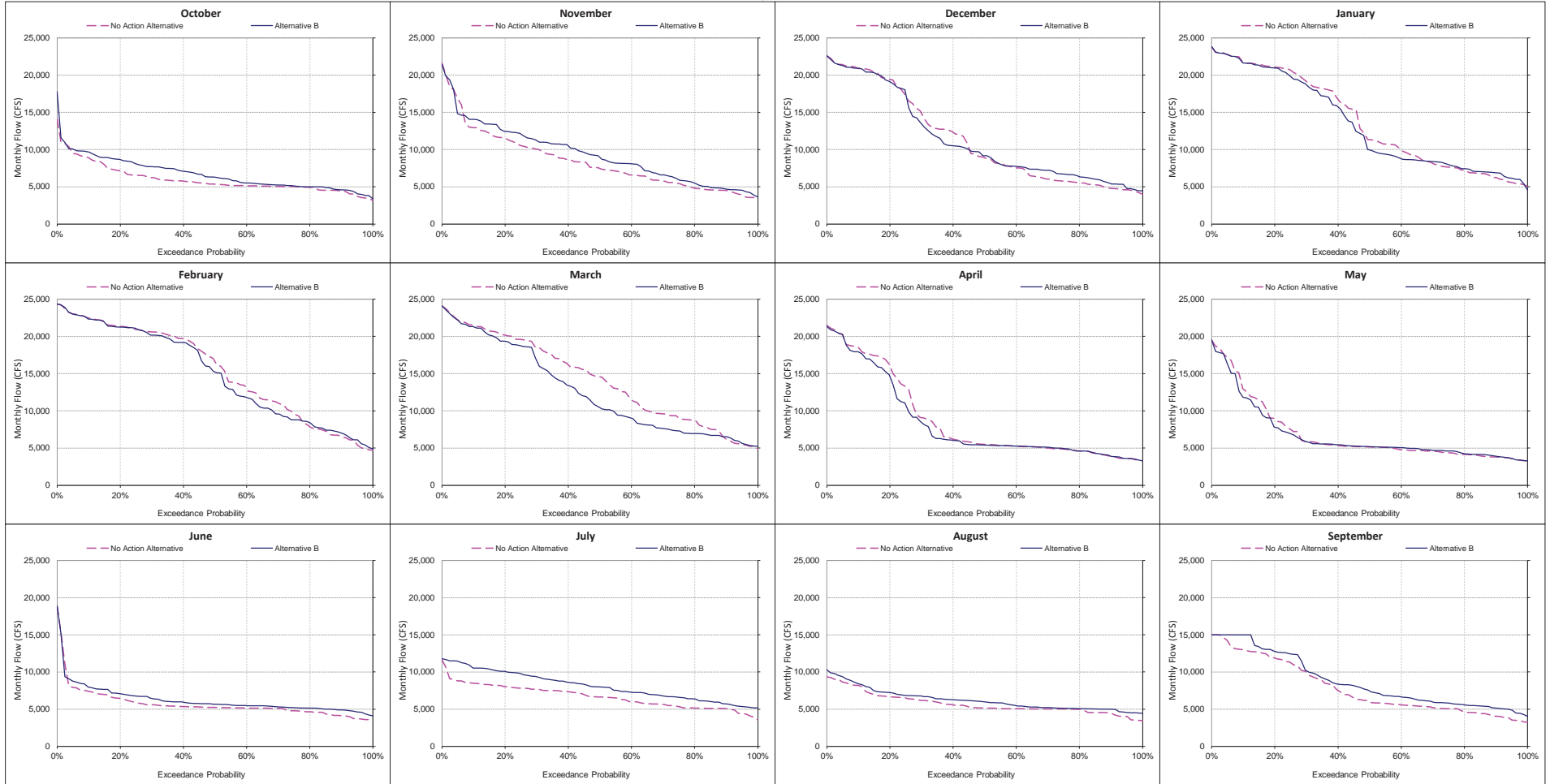


Table SW-16-5a
Sacramento River at Verona, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	9,258	12,153	19,084	27,004	31,441	28,424	19,441	15,292	12,918	15,838	12,415	14,704
Alternative B	9,876	13,074	18,864	26,385	30,815	26,726	18,847	15,010	13,470	17,154	13,159	15,973
Difference	617	920	-220	-618	-626	-1,698	-594	-282	553	1,316	744	1,269
Percent Difference ³	6.7%	7.6%	-1.2%	-2.3%	-2.0%	-6.0%	-3.1%	-1.8%	4.3%	8.3%	6.0%	8.6%
Water Year Types²												
Wet (32%)												
No Action Alternative	11,245	15,767	21,483	44,203	49,347	43,331	32,085	25,662	17,796	15,937	12,380	23,027
Alternative B	12,371	16,720	20,840	43,683	48,692	42,021	31,192	25,154	18,520	17,154	12,465	24,210
Difference	1,126	953	-644	-520	-655	-1,310	-893	-508	724	1,217	84	1,183
Percent Difference	10.0%	6.0%	-3.0%	-1.2%	-1.3%	-3.0%	-2.8%	-2.0%	4.1%	7.6%	0.7%	5.1%
Above Normal (15%)												
No Action Alternative	10,102	13,988	19,955	32,683	38,255	38,744	21,918	16,478	13,161	17,418	13,713	17,333
Alternative B	10,805	15,503	19,006	31,442	37,136	36,658	21,023	15,868	13,717	19,266	14,082	18,521
Difference	703	1,516	-949	-1,241	-1,119	-2,086	-895	-609	556	1,848	369	1,188
Percent Difference	7.0%	10.8%	-4.8%	-3.8%	-2.9%	-5.4%	-4.1%	-3.7%	4.2%	10.6%	2.7%	6.9%
Below Normal (17%)												
No Action Alternative	9,398	11,919	22,226	19,174	25,330	20,113	13,865	10,765	10,623	16,341	13,118	9,784
Alternative B	9,894	12,931	22,987	18,013	25,163	17,436	13,383	10,537	11,077	17,929	13,360	10,646
Difference	496	1,012	761	-1,161	-167	-2,677	-482	-228	454	1,587	242	862
Percent Difference	5.3%	8.5%	3.4%	-6.1%	-0.7%	-13.3%	-3.5%	-2.1%	4.3%	9.7%	1.8%	8.8%
Dry (22%)												
No Action Alternative	7,702	9,710	18,322	14,431	18,308	17,638	10,783	8,758	10,227	15,964	13,332	9,606
Alternative B	7,771	10,620	18,581	14,245	17,558	15,428	10,402	8,789	10,413	17,355	15,030	11,177
Difference	69	909	259	-186	-750	-2,211	-381	31	186	1,391	1,699	1,571
Percent Difference	0.9%	9.4%	1.4%	-1.3%	-4.1%	-12.5%	-3.5%	0.4%	1.8%	8.7%	12.7%	16.4%
Critical (15%)												
No Action Alternative	6,282	6,426	10,494	12,052	12,661	11,682	9,059	6,724	8,818	13,268	9,000	7,429
Alternative B	6,676	6,590	10,055	11,829	12,244	11,441	8,966	6,724	9,662	13,838	10,700	8,986
Difference	394	164	-439	-224	-416	-241	-94	0	844	570	1,700	1,558
Percent Difference	6.3%	2.6%	-4.2%	-1.9%	-3.3%	-2.1%	-1.0%	0.0%	9.6%	4.3%	18.9%	21.0%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

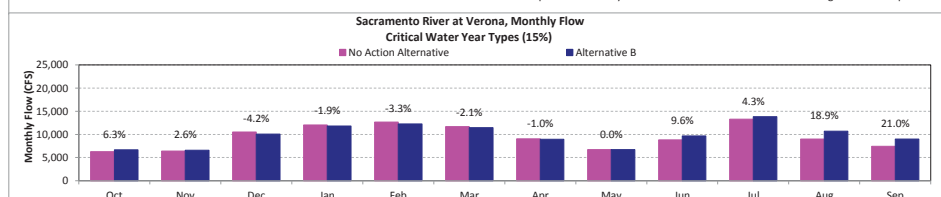
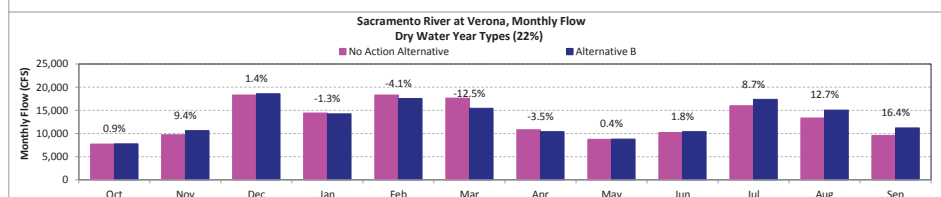
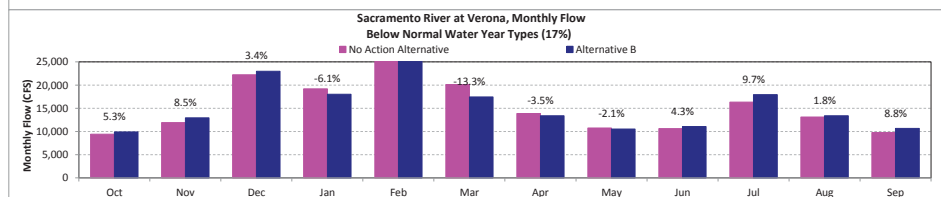
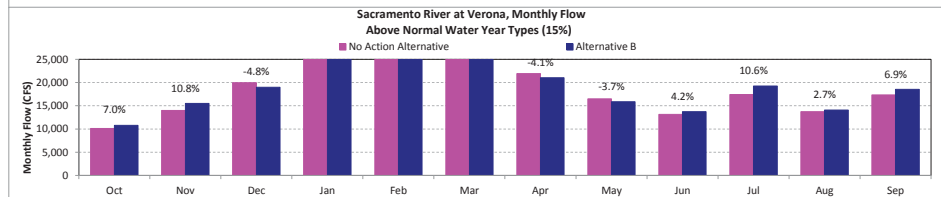
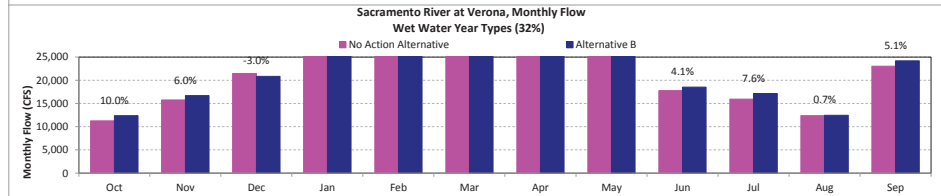
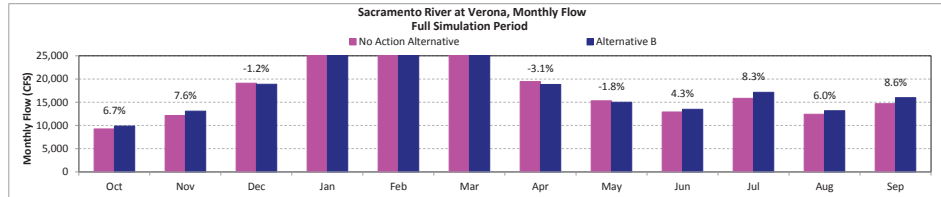


Figure SW-16-5b
Sacramento River at Verona, Monthly Flow
Probability of Exceedance

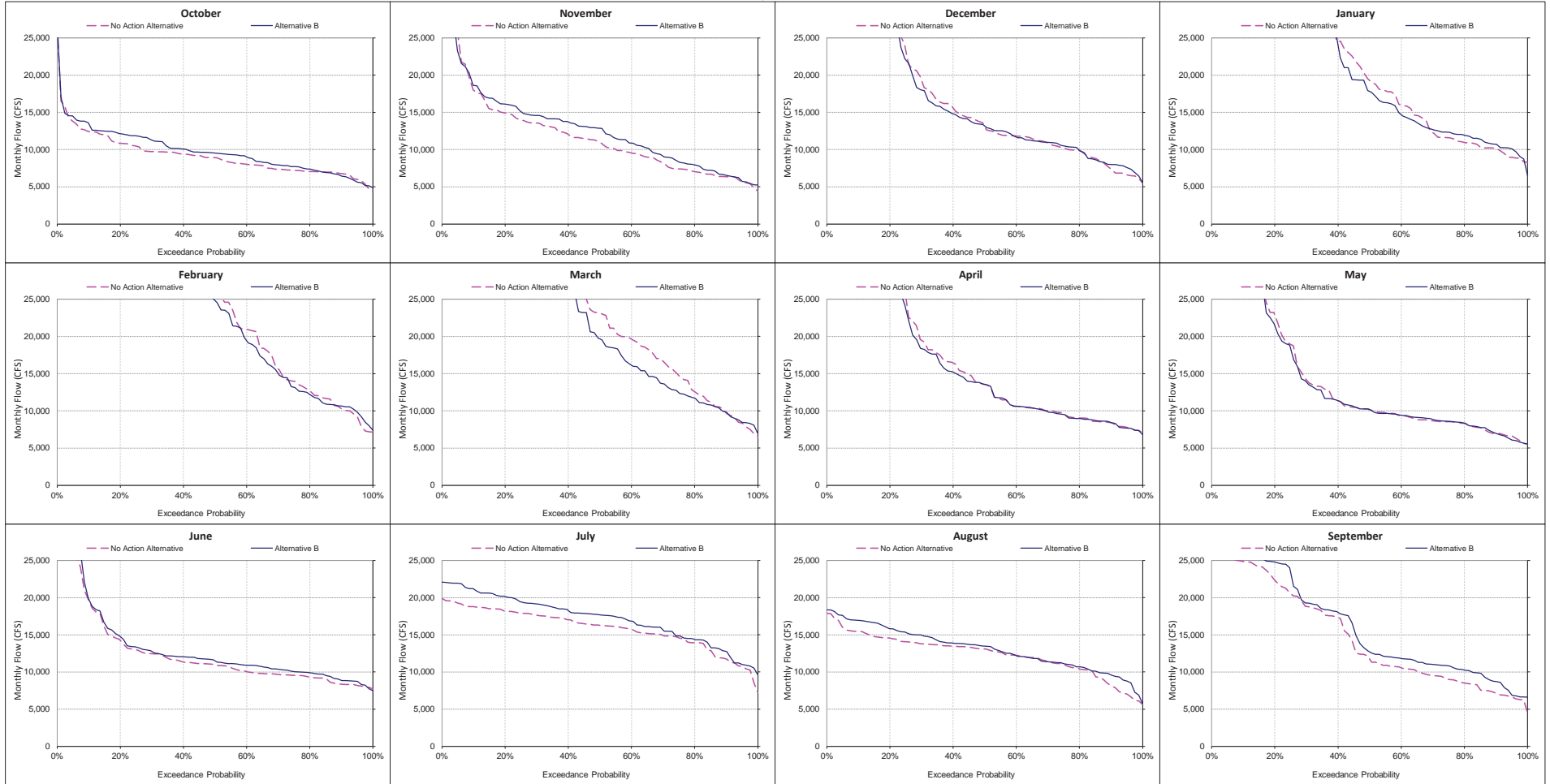


Table SW-17.5a
Sacramento River at Freeport, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	11,172	15,682	23,091	31,365	36,579	32,466	23,227	19,060	16,650	19,620	15,164	17,563
Alternative B	11,892	16,629	22,936	30,824	35,946	30,822	22,669	18,810	17,138	20,657	15,980	18,711
Difference	720	947	-155	-541	-633	-1,644	-558	-251	488	1,037	815	1,148
Percent Difference ³	6.4%	6.0%	-0.7%	-1.7%	-1.7%	-5.1%	-2.4%	-1.3%	2.9%	5.3%	5.4%	6.5%
Water Year Types²												
Wet (32%)												
No Action Alternative	13,338	20,484	25,564	50,411	56,680	49,433	37,987	31,825	23,961	20,124	16,085	27,628
Alternative B	14,670	21,468	24,942	49,992	56,032	48,157	37,093	31,320	24,683	21,215	16,277	28,479
Difference	1,332	984	-623	-419	-647	-1,276	-894	-505	722	1,091	192	851
Percent Difference	10.0%	4.8%	-2.4%	-0.8%	-1.1%	-2.6%	-2.4%	-1.6%	3.0%	5.4%	1.2%	3.1%
Above Normal (15%)												
No Action Alternative	11,935	17,421	24,224	38,198	44,607	43,898	26,018	20,801	16,641	22,067	16,588	20,659
Alternative B	12,632	18,923	23,381	37,067	43,517	41,855	25,125	20,170	17,210	23,674	17,005	21,677
Difference	697	1,503	-843	-1,132	-1,090	-2,043	-893	-630	569	1,608	417	1,018
Percent Difference	5.8%	8.6%	-3.5%	-3.0%	-2.4%	-4.7%	-3.4%	-3.0%	3.4%	7.3%	2.5%	4.9%
Below Normal (17%)												
No Action Alternative	11,731	16,232	27,522	22,823	30,766	23,248	17,458	14,007	13,725	21,453	15,848	12,256
Alternative B	12,262	17,307	28,320	21,753	30,451	20,575	17,068	13,839	14,194	22,317	16,316	13,329
Difference	531	1,075	798	-1,070	-315	-2,673	-390	-169	469	864	468	1,073
Percent Difference	4.5%	6.6%	2.9%	-4.7%	-1.0%	-11.5%	-2.2%	-1.2%	3.4%	4.0%	3.0%	8.8%
Dry (22%)												
No Action Alternative	9,495	12,396	22,286	17,254	21,222	20,408	13,167	10,883	12,636	19,263	15,856	11,256
Alternative B	9,611	13,372	22,722	17,004	20,524	18,340	12,734	10,954	12,725	20,327	17,458	12,830
Difference	116	977	437	-250	-698	-2,068	-433	71	89	1,064	1,603	1,574
Percent Difference	1.2%	7.9%	2.0%	-1.4%	-3.3%	-10.1%	-3.3%	0.6%	0.7%	5.5%	10.1%	14.0%
Critical (15%)												
No Action Alternative	7,580	7,826	12,634	14,400	14,816	13,115	10,275	7,824	10,256	14,478	9,913	8,310
Alternative B	8,122	7,944	12,183	14,368	14,395	12,906	10,400	7,927	10,774	14,990	11,701	9,680
Difference	543	117	-451	-32	-421	-209	125	102	518	512	1,788	1,370
Percent Difference	7.2%	1.5%	-3.6%	-0.2%	-2.8%	-1.6%	1.2%	1.3%	5.1%	3.5%	18.0%	16.5%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

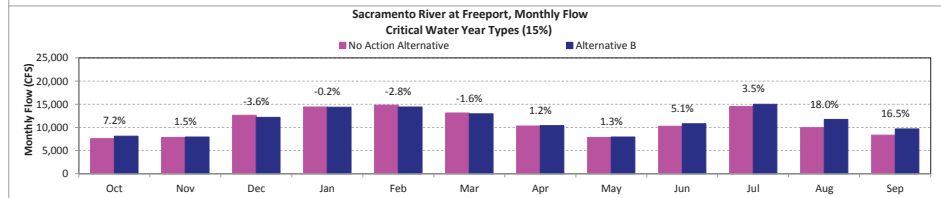
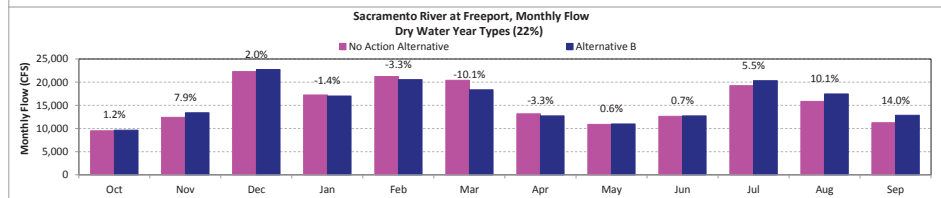
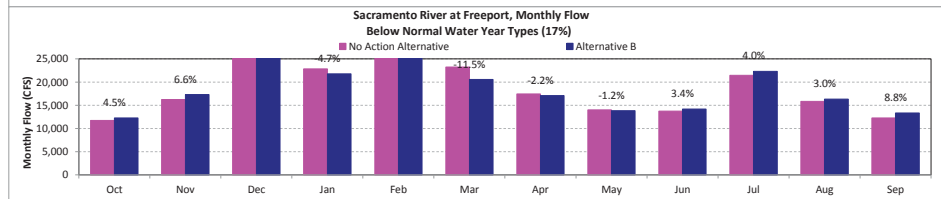
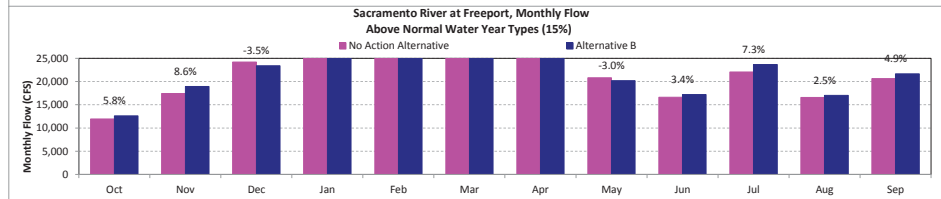
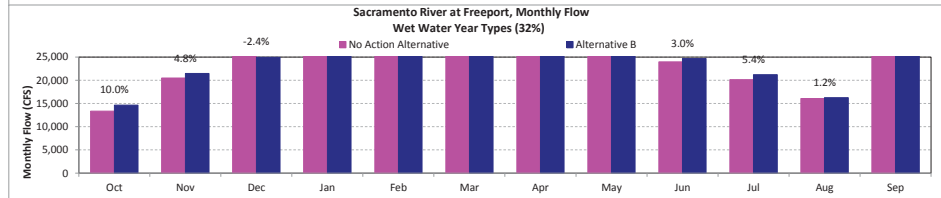
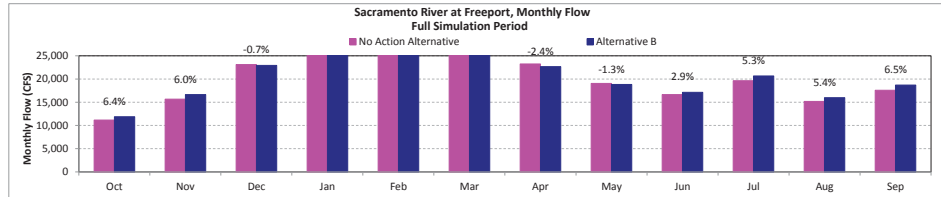


Figure SW-17-5b
Sacramento River at Freepport, Monthly Flow
Probability of Exceedance

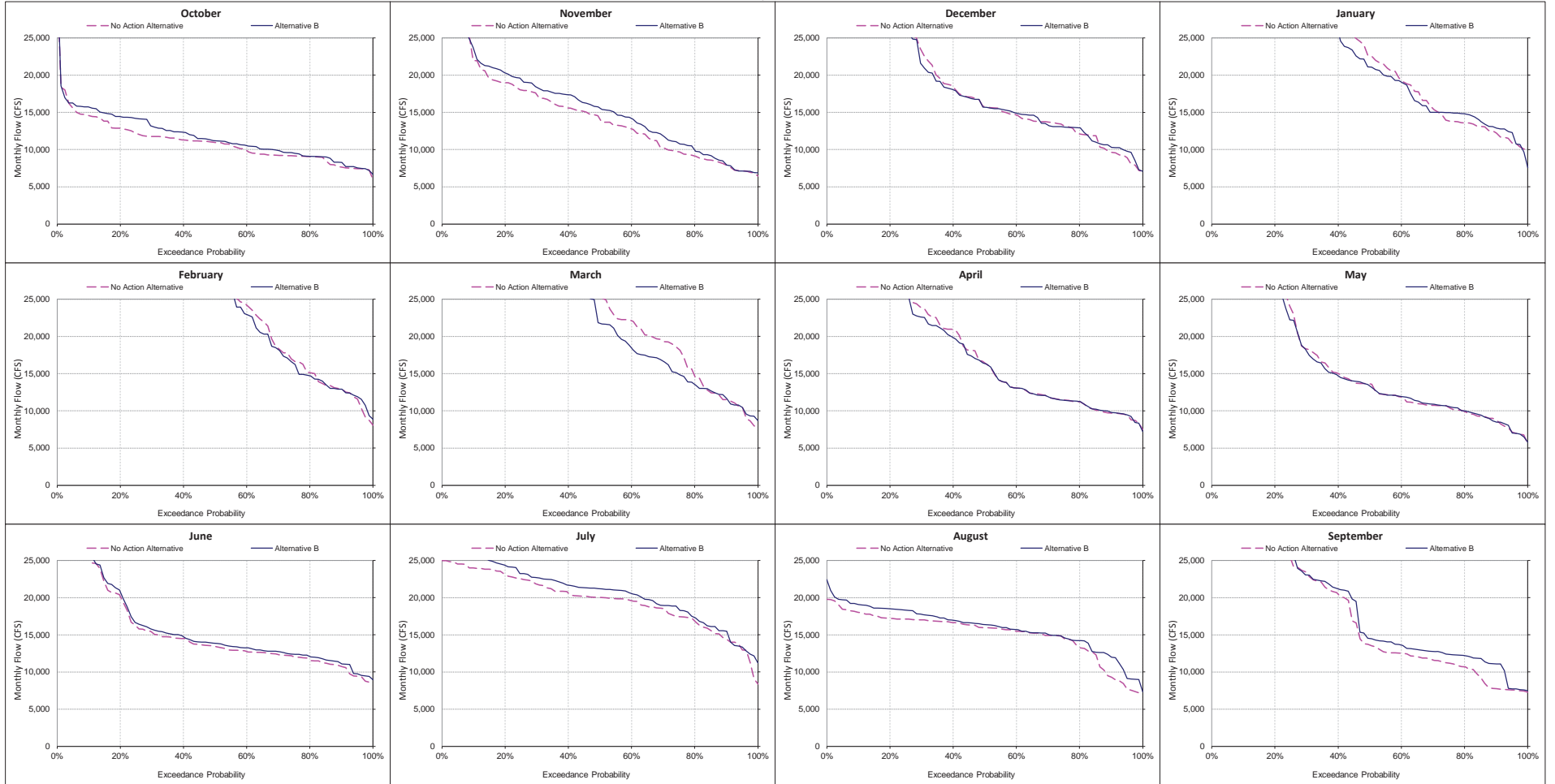


Table SW-18-5a
Lake Oroville, End of Month Storage
Long-term Average and Average by Water Year Type

Analysis Period	End of Month Storage (TAF)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	1,767	1,826	1,968	2,170	2,381	2,591	2,864	3,002	2,885	2,399	2,098	1,831
Alternative B	1,786	1,846	1,999	2,203	2,412	2,619	2,896	3,038	2,921	2,440	2,127	1,841
Difference	19	20	31	33	32	28	32	36	36	41	28	9
Percent Difference ³	1.1%	1.1%	1.6%	1.5%	1.3%	1.1%	1.1%	1.2%	1.2%	1.7%	1.4%	0.5%
Water Year Types²												
Wet (32%)												
No Action Alternative	2,377	2,423	2,485	2,679	2,860	2,945	3,304	3,508	3,483	3,125	2,927	2,473
Alternative B	2,366	2,418	2,516	2,672	2,861	2,945	3,304	3,508	3,477	3,115	2,915	2,450
Difference	-11	-5	31	-7	2	0	0	0	-6	-9	-12	-23
Percent Difference	-0.5%	-0.2%	1.3%	-0.2%	0.1%	0.0%	0.0%	0.0%	-0.2%	-0.3%	-0.4%	-0.9%
Above Normal (15%)												
No Action Alternative	1,965	2,024	2,128	2,296	2,610	2,930	3,292	3,498	3,393	2,821	2,434	2,039
Alternative B	1,942	1,999	2,138	2,325	2,634	2,939	3,301	3,498	3,367	2,799	2,420	2,003
Difference	-23	-25	9	29	25	9	9	0	-26	-23	-14	-36
Percent Difference	-1.2%	-1.2%	0.4%	1.3%	1.0%	0.3%	0.3%	0.0%	-0.8%	-0.8%	-0.6%	-1.8%
Below Normal (17%)												
No Action Alternative	1,867	1,939	2,150	2,078	2,334	2,593	2,969	3,191	3,082	2,490	2,081	1,911
Alternative B	1,937	2,010	2,185	2,163	2,387	2,646	3,025	3,248	3,124	2,540	2,143	1,969
Difference	71	71	35	85	53	53	56	57	42	50	62	59
Percent Difference	3.8%	3.7%	1.6%	4.1%	2.3%	2.1%	1.9%	1.8%	1.4%	2.0%	3.0%	3.1%
Dry (22%)												
No Action Alternative	1,242	1,331	1,579	1,842	2,069	2,386	2,578	2,621	2,403	1,827	1,422	1,297
Alternative B	1,274	1,360	1,621	1,867	2,099	2,421	2,620	2,683	2,488	1,925	1,478	1,319
Difference	33	29	42	24	30	36	43	62	85	98	56	23
Percent Difference	2.6%	2.2%	2.7%	1.3%	1.5%	1.5%	1.7%	2.4%	3.5%	5.4%	3.9%	1.7%
Critical (15%)												
No Action Alternative	921	947	1,060	1,542	1,636	1,792	1,790	1,760	1,573	1,154	1,000	941
Alternative B	965	992	1,091	1,618	1,715	1,857	1,870	1,847	1,680	1,275	1,078	990
Difference	44	45	31	76	80	64	80	87	108	121	78	49
Percent Difference	4.7%	4.8%	2.9%	4.9%	4.9%	3.6%	4.5%	4.9%	6.8%	10.5%	7.8%	5.2%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

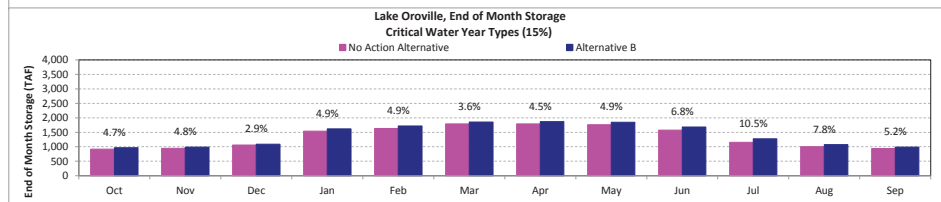
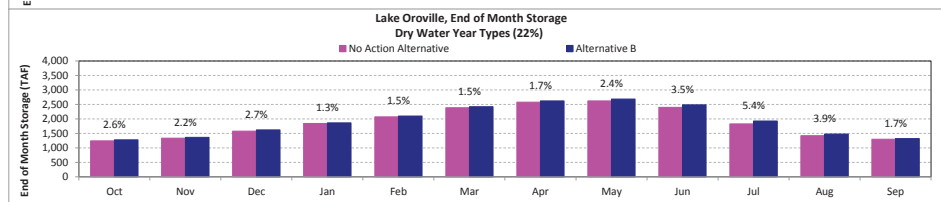
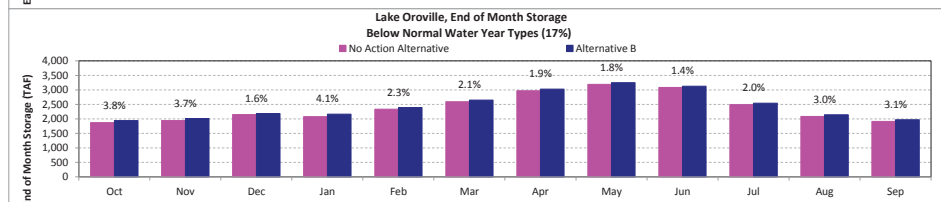
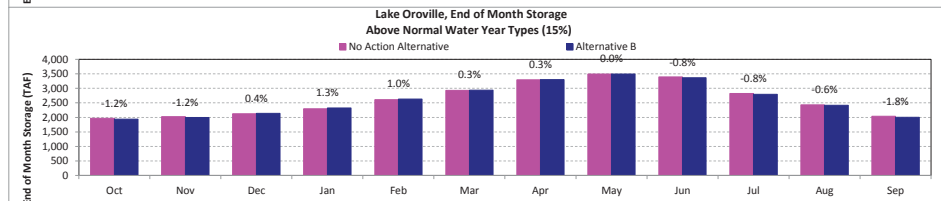
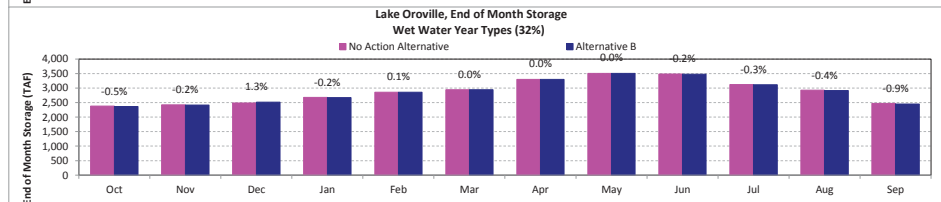
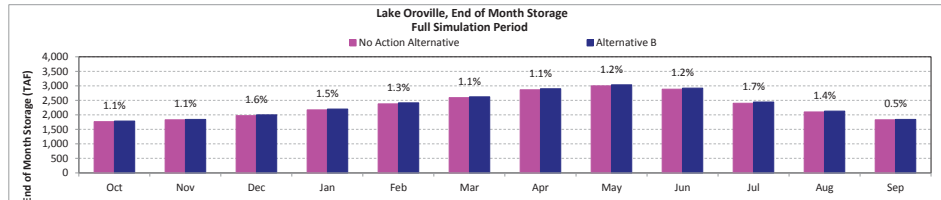


Figure SW-18-5b
Lake Oroville, End of Month Storage
Probability of Exceedance

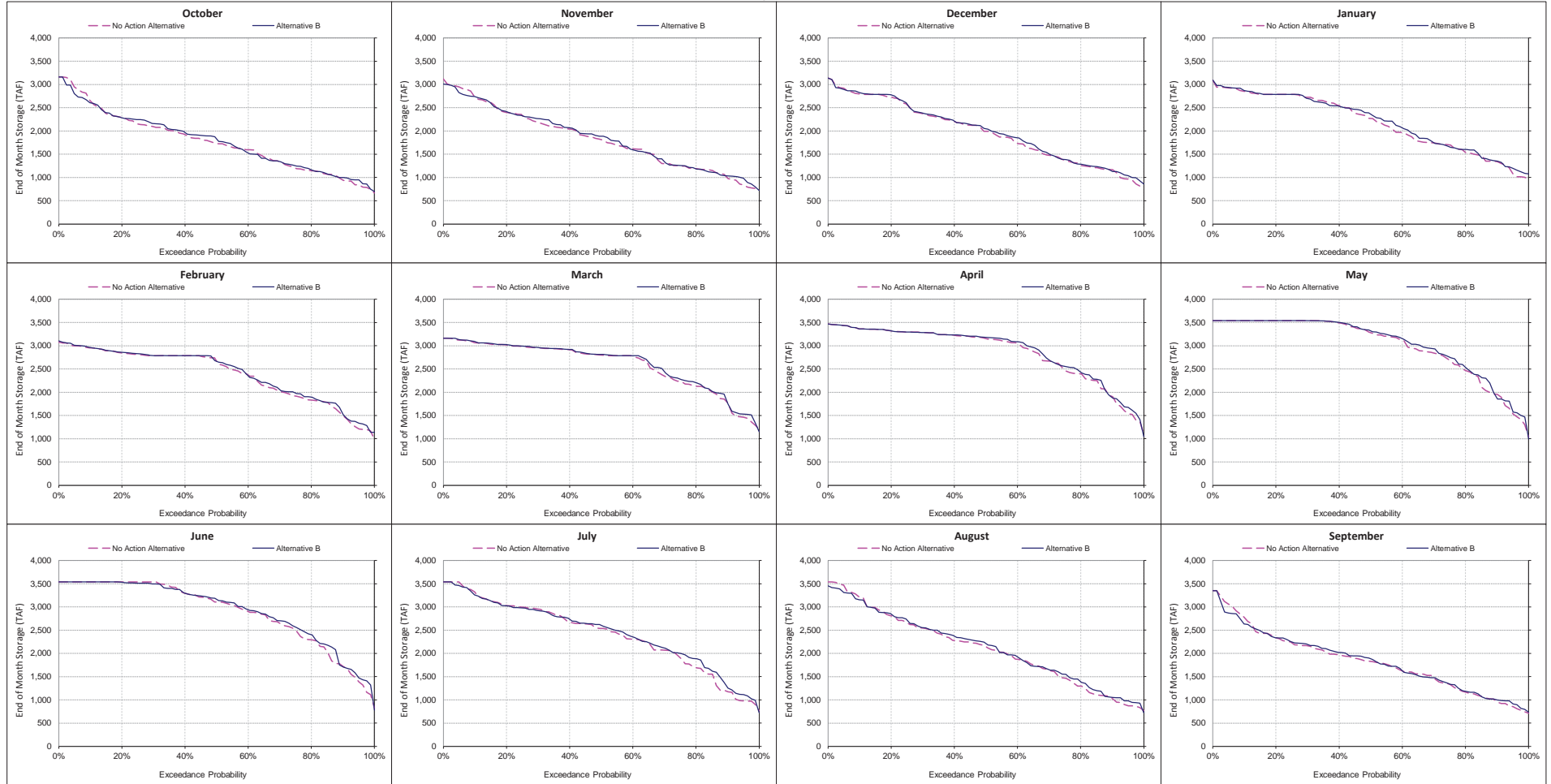


Table SW-19-5a
Lake Oroville, End of Month Elevation
Long-term Average and Average by Water Year Type

Analysis Period	End of Month Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	751	757	772	792	812	830	850	859	850	810	782	757
Alternative B	754	760	775	796	815	832	853	862	853	815	786	759
Difference	3	3	4	4	3	3	3	3	3	5	4	2
Percent Difference ³	0.4%	0.4%	0.5%	0.4%	0.4%	0.3%	0.3%	0.4%	0.4%	0.6%	0.5%	0.3%
Water Year Types²												
Wet (32%)												
No Action Alternative	813	818	824	839	854	859	884	898	896	872	858	822
Alternative B	813	819	827	839	854	859	884	898	896	871	857	821
Difference	0	0	3	0	0	0	0	0	0	-1	-1	-1
Percent Difference	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%
Above Normal (15%)												
No Action Alternative	778	783	793	808	835	858	883	897	890	851	822	786
Alternative B	776	781	795	810	837	859	884	897	888	849	821	783
Difference	-2	-3	1	3	2	1	1	0	-2	-2	-1	-3
Percent Difference	-0.3%	-0.3%	0.2%	0.3%	0.2%	0.1%	0.1%	0.0%	-0.2%	-0.2%	-0.1%	-0.4%
Below Normal (17%)												
No Action Alternative	769	775	795	783	809	831	861	876	869	828	791	774
Alternative B	776	782	797	792	814	836	865	880	872	831	797	779
Difference	7	6	3	9	5	4	4	4	3	4	6	6
Percent Difference	0.9%	0.8%	0.3%	1.1%	0.6%	0.5%	0.4%	0.4%	0.3%	0.4%	0.7%	0.7%
Dry (22%)												
No Action Alternative	696	706	732	763	786	816	832	836	819	764	718	703
Alternative B	700	710	737	766	790	819	835	841	826	774	725	705
Difference	3	4	5	3	3	3	4	5	7	10	6	2
Percent Difference	0.5%	0.5%	0.7%	0.3%	0.4%	0.4%	0.4%	0.6%	0.9%	1.4%	0.9%	0.3%
Critical (15%)												
No Action Alternative	649	653	671	729	739	757	757	754	733	683	662	652
Alternative B	658	662	677	737	748	763	765	763	745	698	674	662
Difference	9	9	6	8	8	6	8	9	12	15	12	9
Percent Difference	1.3%	1.3%	0.9%	1.1%	1.1%	0.8%	1.1%	1.1%	1.6%	2.3%	1.9%	1.4%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

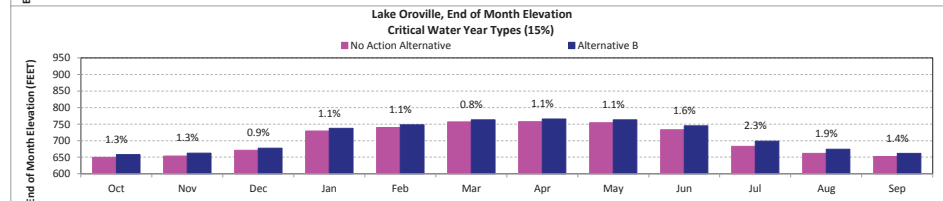
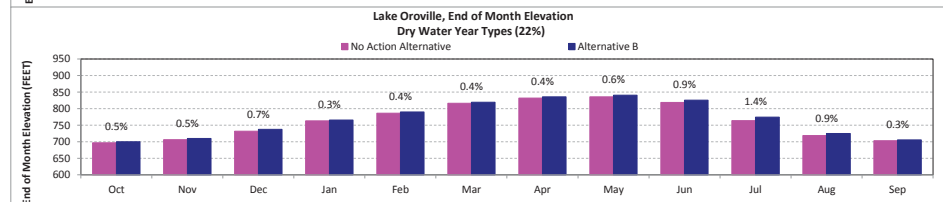
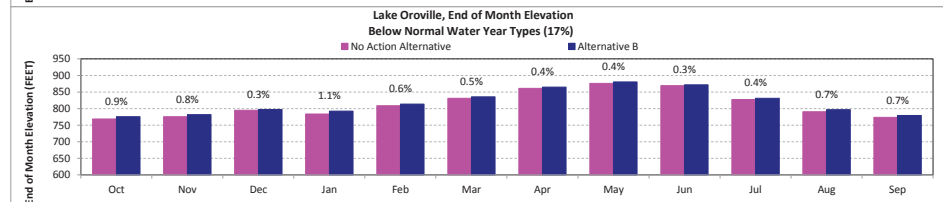
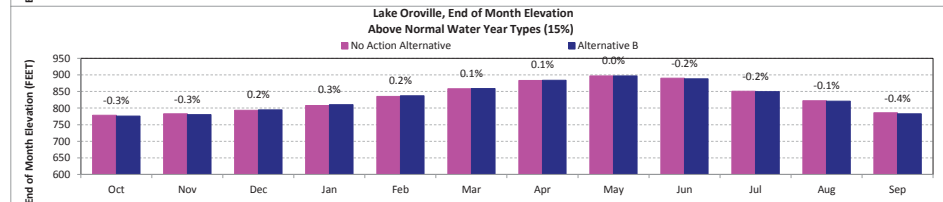
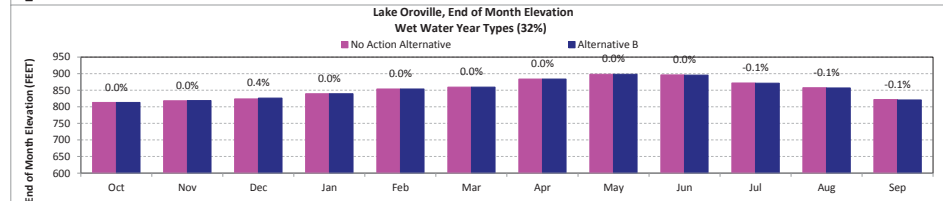
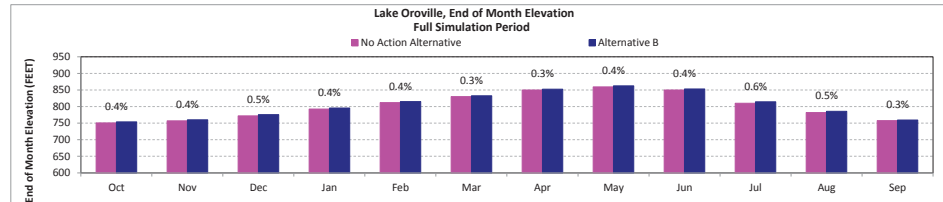


Figure SW-19-5b
Lake Oroville, End of Month Elevation
Probability of Exceedance

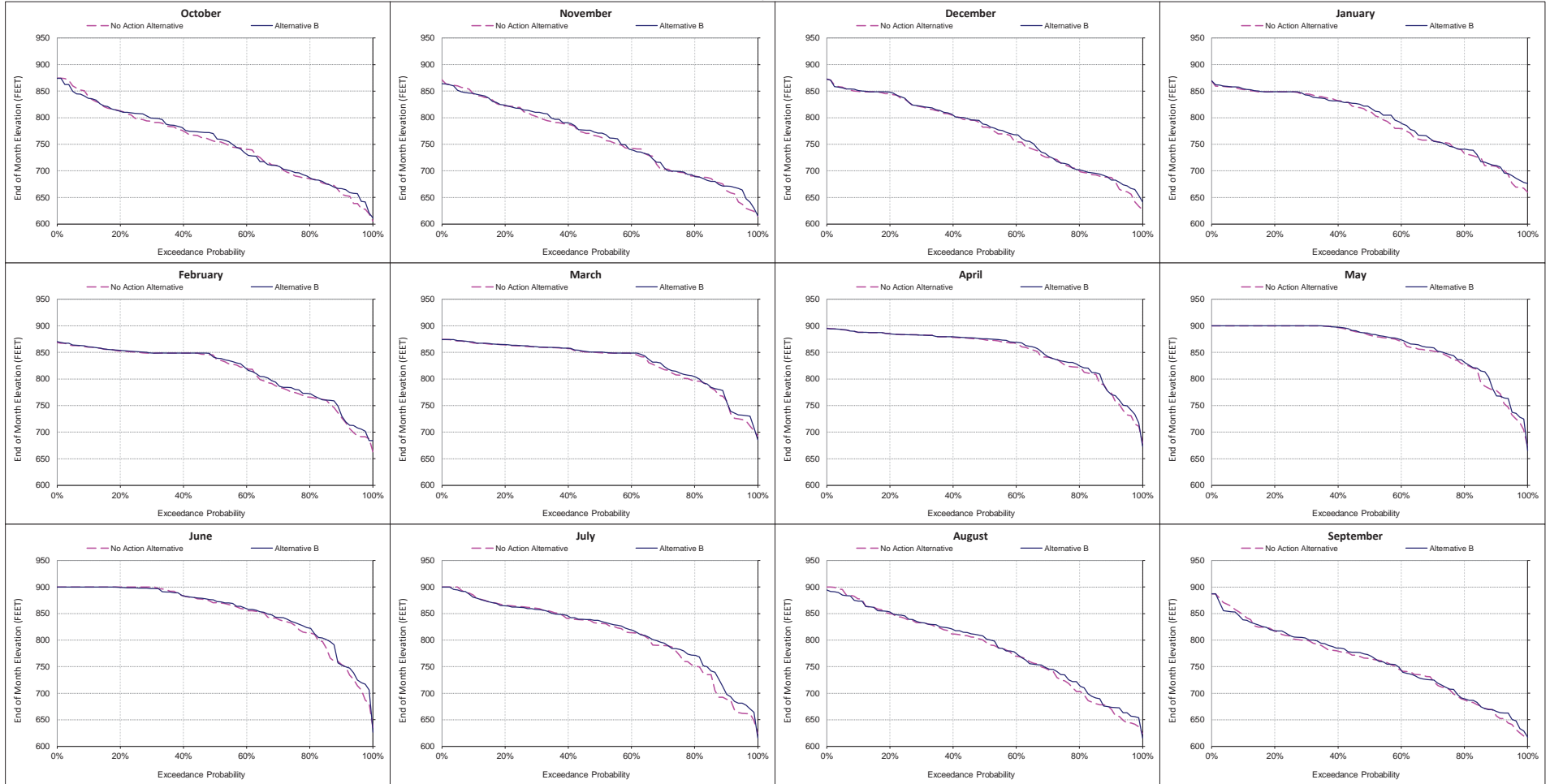


Table SW-20-5a
Lake Oroville, End of Month Area
Long-term Average and Average by Water Year Type

Analysis Period	End of Month Area (ACRE)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	9,534	9,758	10,296	11,062	11,830	12,579	13,507	13,966	13,553	11,845	10,745	9,776
Alternative B	9,615	9,842	10,419	11,190	11,948	12,680	13,621	14,094	13,686	12,008	10,864	9,823
Difference	81	85	123	128	118	101	114	128	132	163	119	47
Percent Difference ³	0.8%	0.9%	1.2%	1.2%	1.0%	0.8%	0.8%	0.9%	1.0%	1.4%	1.1%	0.5%
Water Year Types²												
Wet (32%)												
No Action Alternative	11,847	12,023	12,241	12,918	13,543	13,827	15,023	15,703	15,620	14,426	13,760	12,187
Alternative B	11,816	12,014	12,355	12,900	13,549	13,827	15,023	15,703	15,599	14,394	13,721	12,116
Difference	-31	-9	114	-18	5	0	0	0	-22	-31	-39	-72
Percent Difference	-0.3%	-0.1%	0.9%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%	-0.3%	-0.6%
Above Normal (15%)												
No Action Alternative	10,387	10,592	10,976	11,576	12,691	13,776	14,982	15,670	15,320	13,416	12,098	10,669
Alternative B	10,304	10,498	11,014	11,682	12,775	13,807	15,013	15,670	15,234	13,339	12,048	10,539
Difference	-83	-94	38	106	85	31	31	0	-86	-76	-49	-130
Percent Difference	-0.8%	-0.9%	0.3%	0.9%	0.7%	0.2%	0.2%	0.0%	-0.6%	-0.6%	-0.4%	-1.2%
Below Normal (17%)												
No Action Alternative	10,028	10,289	11,051	10,718	11,676	12,599	13,908	14,647	14,284	12,301	10,833	10,199
Alternative B	10,284	10,541	11,172	11,041	11,875	12,787	14,094	14,837	14,424	12,470	11,058	10,411
Difference	256	252	121	322	199	188	187	190	140	168	226	212
Percent Difference	2.6%	2.4%	1.1%	3.0%	1.7%	1.5%	1.3%	1.3%	1.0%	1.4%	2.1%	2.1%
Dry (22%)												
No Action Alternative	7,519	7,867	8,819	9,887	10,746	11,899	12,575	12,726	11,976	9,862	8,266	7,749
Alternative B	7,648	7,987	8,995	9,977	10,863	12,030	12,724	12,942	12,275	10,236	8,493	7,834
Difference	129	120	176	90	116	131	149	216	299	374	227	86
Percent Difference	1.7%	1.5%	2.0%	0.9%	1.1%	1.1%	1.2%	1.7%	2.5%	3.8%	2.7%	1.1%
Critical (15%)												
No Action Alternative	6,116	6,230	6,735	6,891	9,061	9,676	9,678	9,567	8,823	7,124	6,474	6,205
Alternative B	6,327	6,448	6,884	6,986	9,365	9,919	9,983	9,893	9,246	7,629	6,818	6,436
Difference	211	218	148	294	304	243	305	327	424	505	344	231
Percent Difference	3.5%	3.5%	2.2%	3.4%	3.4%	2.5%	3.2%	3.4%	4.8%	7.1%	5.3%	3.7%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

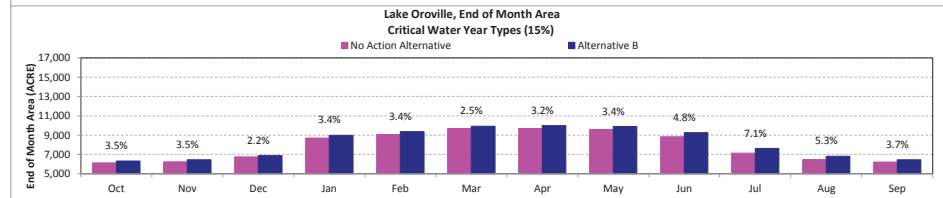
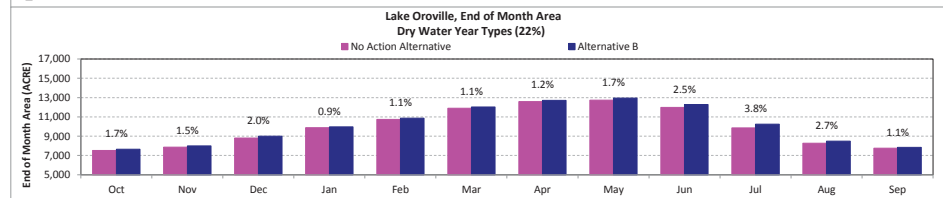
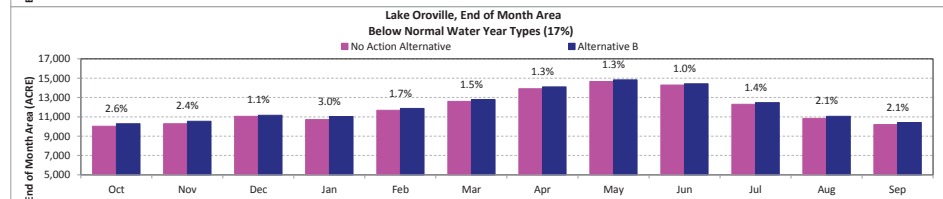
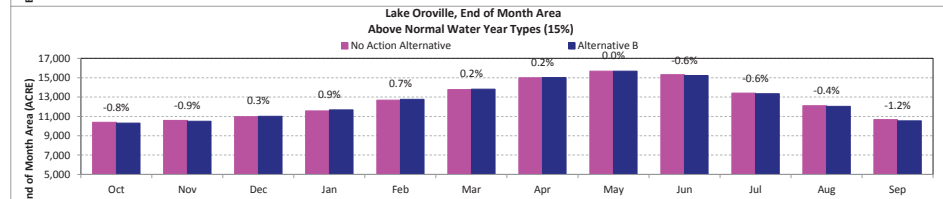
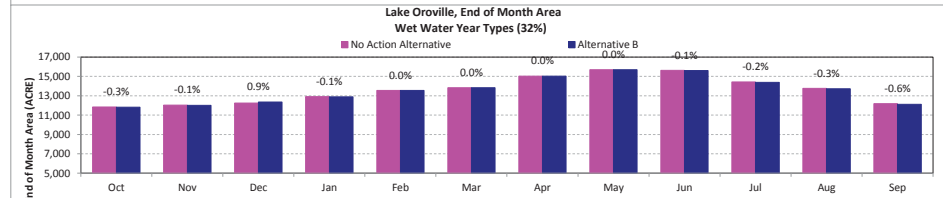
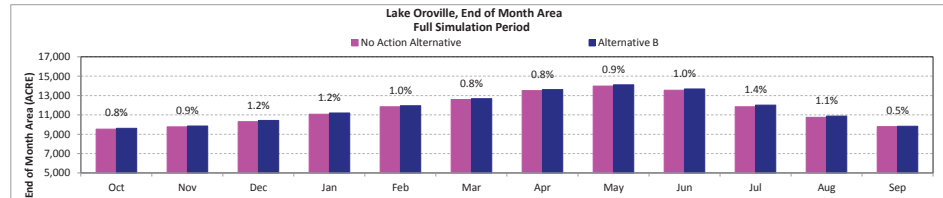


Figure SW-20-5b
Lake Oroville, End of Month Area
Probability of Exceedance

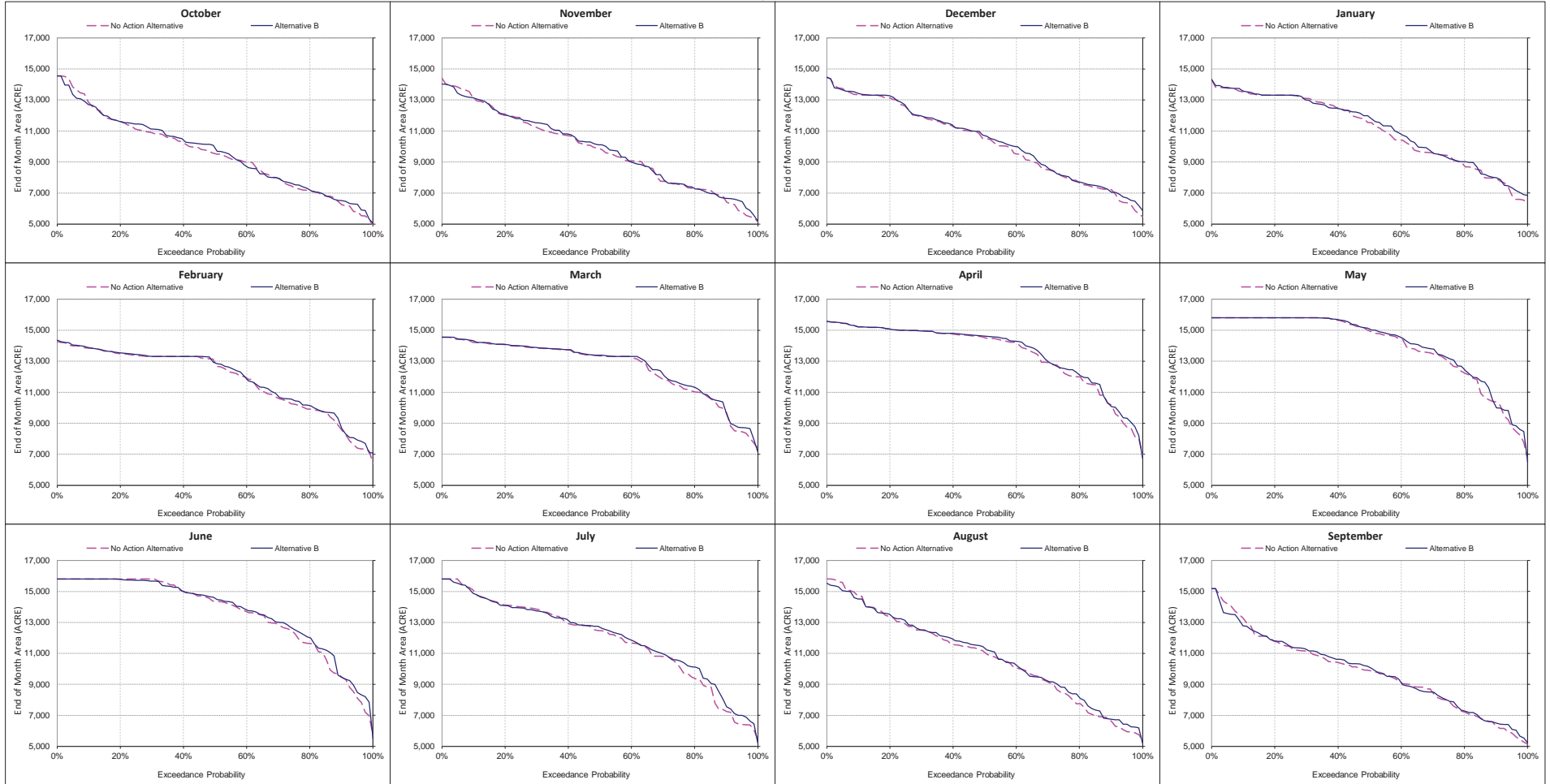


Table SW-21-5a
 Feather River at Thermalito Low Flow Channel, Monthly Flow
 Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	800	800	800	800	800	800	700	700	700	700	700	773
Alternative B	800	800	800	800	800	800	700	700	700	700	700	773
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference ³	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Water Year Types²												
Wet (32%)												
No Action Alternative	800	800	800	800	800	800	700	700	700	700	700	773
Alternative B	800	800	800	800	800	800	700	700	700	700	700	773
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal (15%)												
No Action Alternative	800	800	800	800	800	800	700	700	700	700	700	773
Alternative B	800	800	800	800	800	800	700	700	700	700	700	773
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Below Normal (17%)												
No Action Alternative	800	800	800	800	800	800	700	700	700	700	700	773
Alternative B	800	800	800	800	800	800	700	700	700	700	700	773
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Dry (22%)												
No Action Alternative	800	800	800	800	800	800	700	700	700	700	700	773
Alternative B	800	800	800	800	800	800	700	700	700	700	700	773
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical (15%)												
No Action Alternative	800	800	800	800	800	800	700	700	700	700	700	773
Alternative B	800	800	800	800	800	800	700	700	700	700	700	773
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

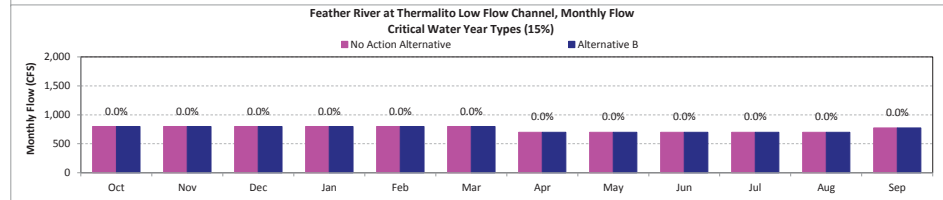
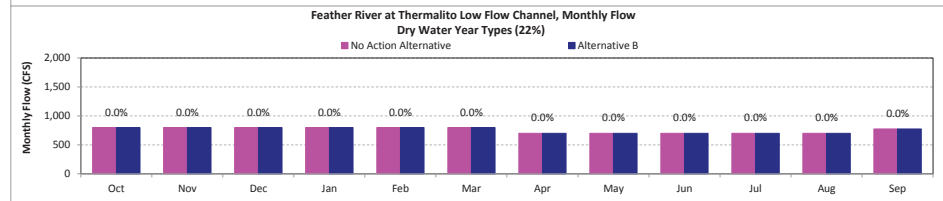
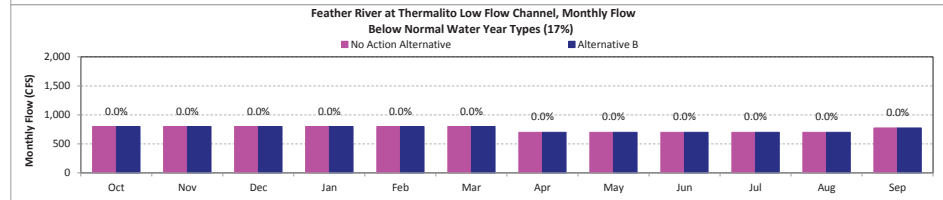
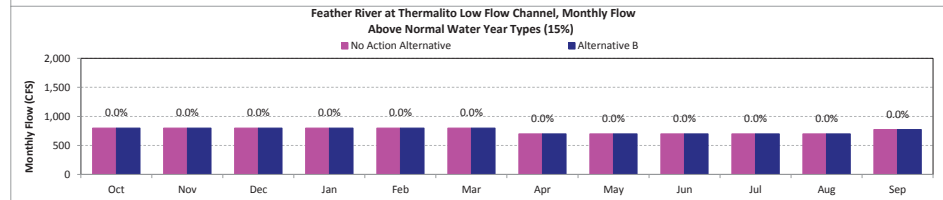
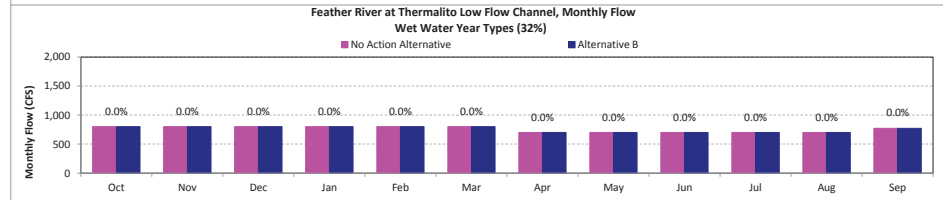
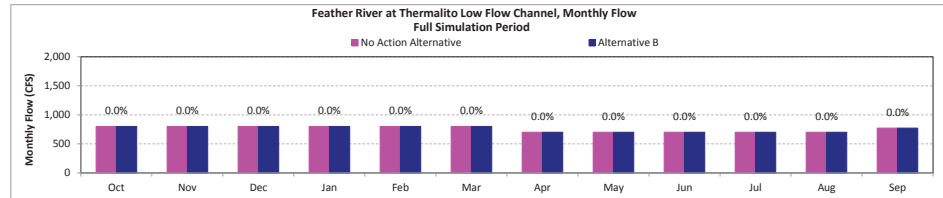


Figure SW-21-5b
Feather River at Thermalito Low Flow Channel, Monthly Flow
Probability of Exceedance

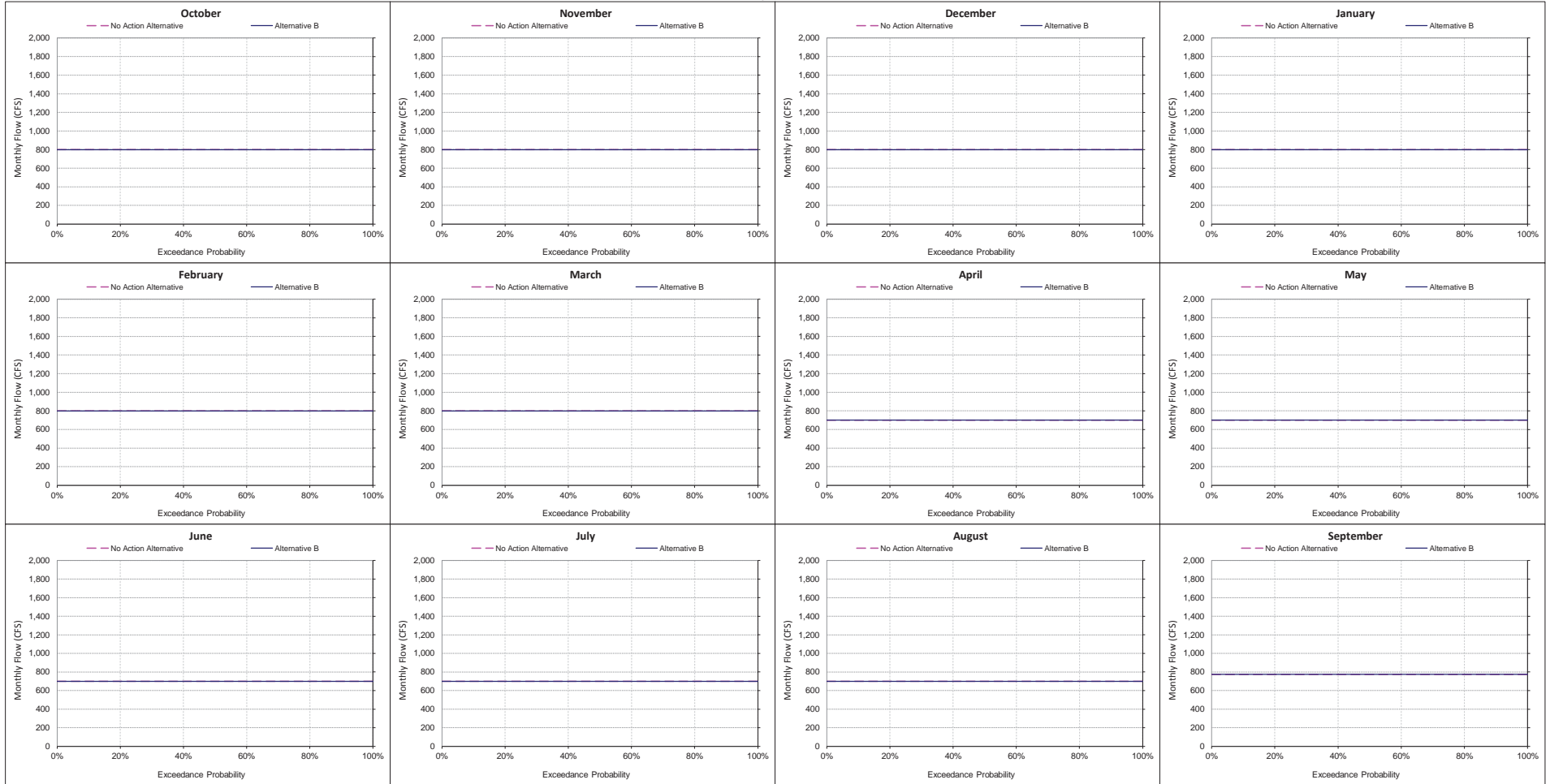


Table SW-22.5a
Feather River below Thermalito, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	2,815	2,230	3,453	4,661	5,498	5,941	3,079	3,640	3,783	7,723	4,992	4,831
Alternative B	2,699	2,185	3,261	4,633	5,544	5,972	3,030	3,571	3,782	7,624	5,194	5,135
Difference	-115	-45	-192	-29	46	30	-49	-69	-1	-99	202	304
Percent Difference ³	-4.1%	-2.0%	-5.5%	-0.6%	0.8%	0.5%	-1.6%	-1.9%	0.0%	-1.3%	4.0%	6.3%
Water Year Types²												
Wet (32%)												
No Action Alternative	3,835	3,384	5,285	10,620	11,516	12,387	6,511	7,539	5,149	6,745	3,920	8,437
Alternative B	3,639	3,271	4,701	10,625	11,367	12,418	6,511	7,542	5,256	6,795	3,981	8,613
Difference	-195	-113	-584	5	-148	31	0	3	107	50	61	177
Percent Difference	-5.1%	-3.3%	-11.0%	0.1%	-1.3%	0.2%	0.0%	0.0%	2.1%	0.7%	1.6%	2.1%
Above Normal (15%)												
No Action Alternative	3,592	2,323	3,389	3,461	5,426	7,028	2,257	3,232	3,397	9,119	6,405	7,040
Alternative B	3,550	2,359	2,884	3,575	5,479	7,283	2,257	3,383	3,826	9,070	6,262	7,405
Difference	-42	36	-505	114	53	255	0	151	430	-49	-143	365
Percent Difference	-1.2%	1.5%	-14.9%	3.3%	1.0%	3.6%	0.0%	4.7%	12.6%	-0.5%	-2.2%	5.2%
Below Normal (17%)												
No Action Alternative	2,533	1,893	2,615	1,711	2,799	2,337	1,119	1,159	2,849	9,062	6,441	2,656
Alternative B	2,335	1,893	3,204	1,508	3,440	2,312	1,119	1,142	3,096	8,931	6,243	2,705
Difference	-199	0	-589	-203	640	-26	0	-16	247	-131	-197	49
Percent Difference	-7.8%	0.0%	-22.5%	-11.9%	22.9%	-1.1%	0.0%	-1.4%	8.7%	-1.4%	-3.1%	1.8%
Dry (22%)												
No Action Alternative	2,031	1,516	2,732	1,453	1,635	1,685	1,329	1,605	3,442	8,256	6,071	2,002
Alternative B	1,893	1,475	2,508	1,394	1,569	1,544	1,246	1,279	3,047	8,074	6,707	2,510
Difference	-138	-41	-223	-59	-66	-141	-83	-326	-395	-182	636	508
Percent Difference	-6.8%	-2.7%	-8.2%	-4.1%	-4.1%	-8.3%	-6.2%	-20.3%	-11.5%	-5.1%	25.7%	25.4%
Critical (15%)												
No Action Alternative	1,330	1,101	1,607	1,206	1,476	1,480	1,375	1,545	2,807	6,084	2,595	1,592
Alternative B	1,445	1,063	1,716	1,209	1,408	1,605	1,168	1,424	2,446	5,772	3,263	2,103
Difference	115	-38	109	3	-68	126	-208	-121	-361	-312	667	511
Percent Difference	8.7%	-3.5%	6.8%	0.3%	-4.6%	8.5%	-15.1%	-7.8%	-12.9%	-5.1%	25.7%	32.1%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

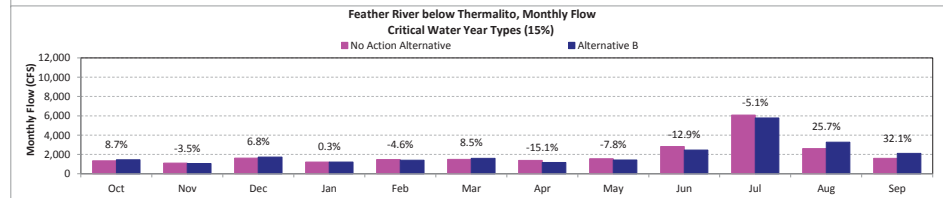
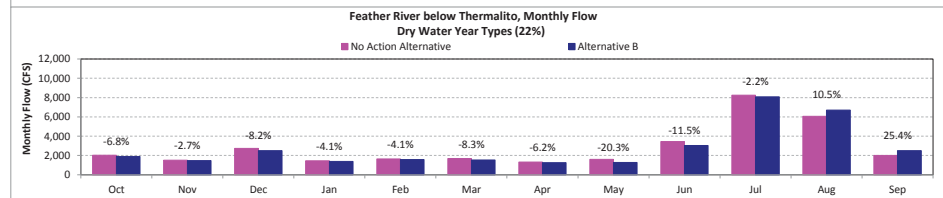
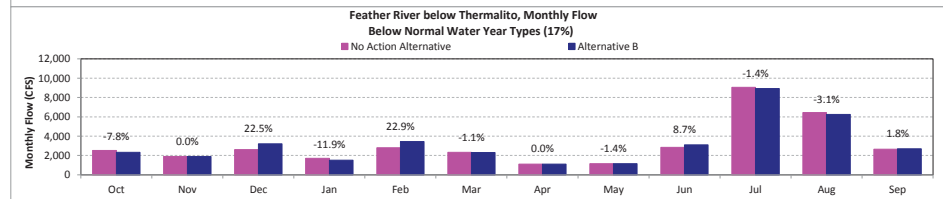
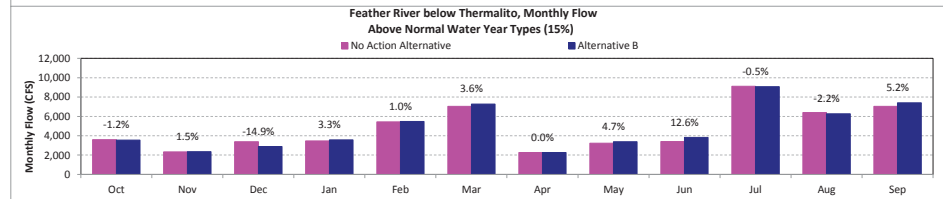
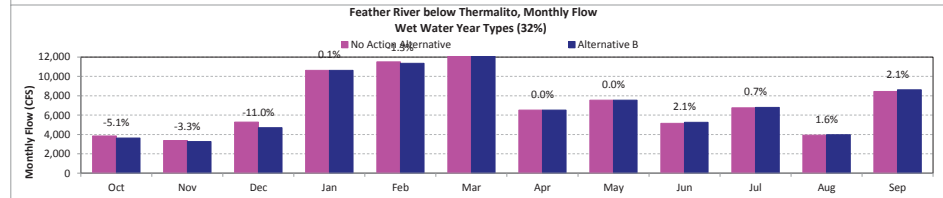
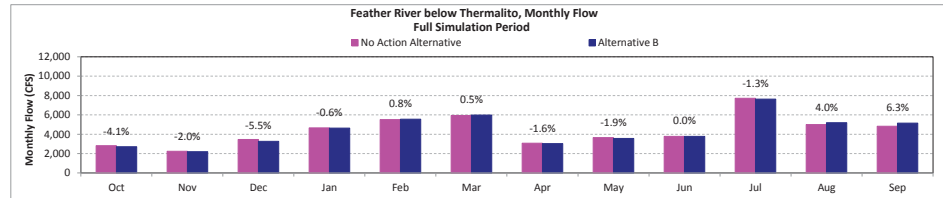


Figure SW-22-5b
Feather River below Thermalito, Monthly Flow
Probability of Exceedance

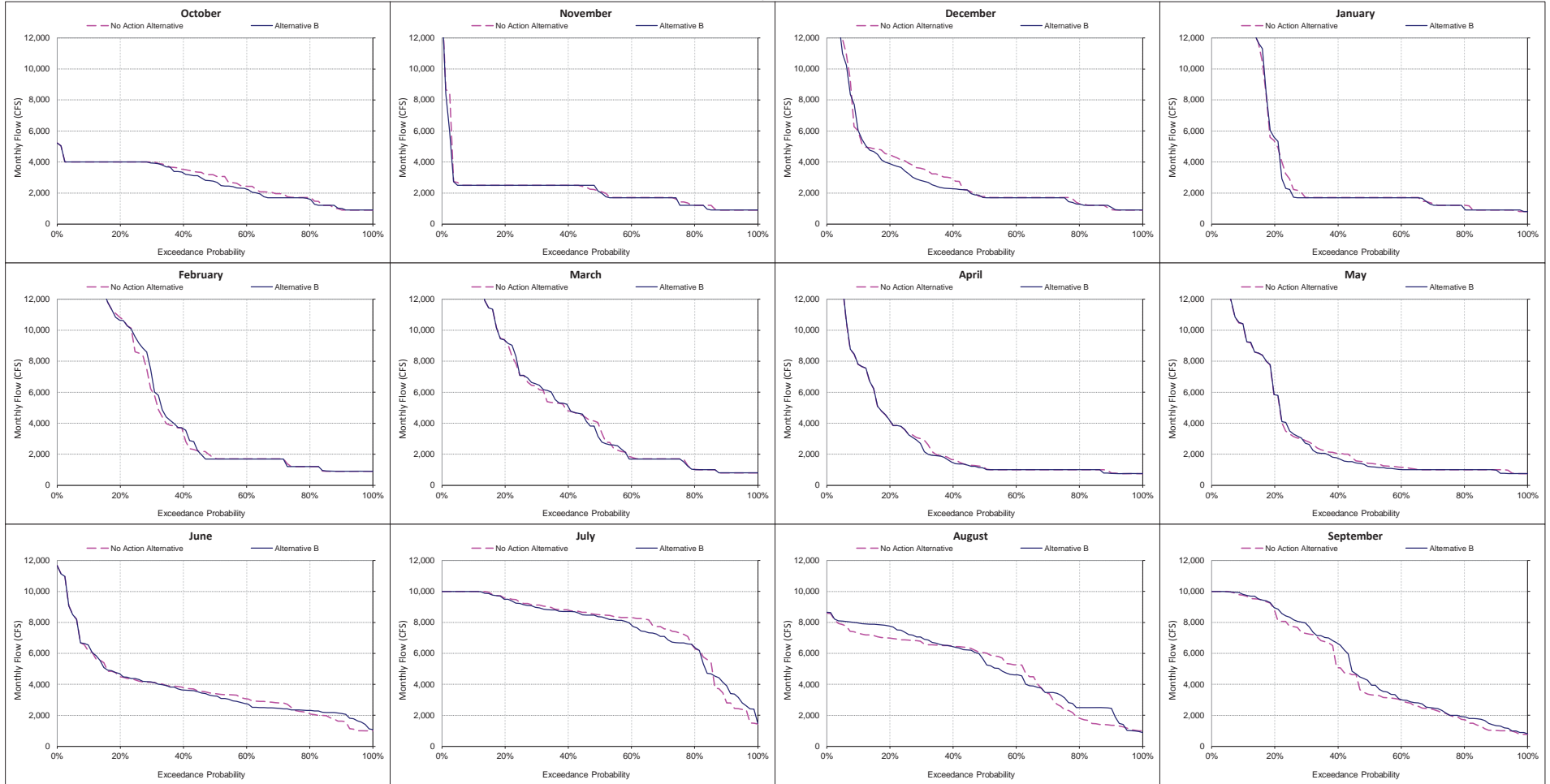


Table SW-23.5a
Feather River at Mouth, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	3,312	3,145	5,786	11,338	12,918	12,986	8,811	7,670	6,330	8,371	5,972	6,575
Alternative B	3,197	3,078	5,596	11,312	12,965	13,015	8,764	7,602	6,332	8,276	6,169	6,880
Difference	-115	-67	-190	-26	47	29	-47	-68	3	-95	197	305
Percent Difference ³	-3.5%	-2.1%	-3.3%	-0.2%	0.4%	0.2%	-0.5%	-0.9%	0.0%	-1.1%	3.3%	4.6%
Water Year Types²												
Wet (32%)												
No Action Alternative	4,258	4,230	8,495	22,904	26,098	23,692	15,954	14,390	10,293	8,421	5,496	10,522
Alternative B	4,063	4,055	7,914	22,912	25,950	23,718	15,955	14,391	10,401	8,464	5,539	10,706
Difference	-195	-176	-581	8	-148	27	1	1	107	43	43	184
Percent Difference	-4.6%	-4.2%	-6.8%	0.0%	-0.6%	0.1%	0.0%	0.0%	1.0%	0.5%	0.8%	1.7%
Above Normal (15%)												
No Action Alternative	4,083	3,265	4,677	11,475	12,863	19,318	9,848	7,957	6,465	9,663	7,416	8,989
Alternative B	4,041	3,290	4,174	11,591	12,918	19,570	9,847	8,109	6,894	9,608	7,260	9,356
Difference	-42	25	-504	116	55	252	-1	152	429	-55	-156	368
Percent Difference	-1.0%	0.8%	-10.8%	1.0%	0.4%	1.3%	0.0%	1.9%	6.6%	-0.6%	-2.1%	4.1%
Below Normal (17%)												
No Action Alternative	3,655	3,434	6,731	5,589	8,055	7,130	5,328	4,652	4,621	9,459	7,353	4,454
Alternative B	3,453	3,438	7,321	5,390	8,699	7,080	5,329	4,637	4,867	9,325	7,153	4,504
Difference	-202	3	590	-199	643	-50	1	-15	246	-133	-200	51
Percent Difference	-5.5%	0.1%	8.8%	-3.6%	8.0%	-0.7%	0.0%	-0.3%	5.3%	-1.4%	-2.7%	1.1%
Dry (22%)												
No Action Alternative	2,397	2,479	4,613	4,297	4,234	4,767	4,199	3,661	4,145	8,230	6,728	3,833
Alternative B	2,263	2,438	4,391	4,239	4,170	4,600	4,119	3,337	3,752	8,050	7,362	4,343
Difference	-134	-40	-222	-58	-64	-167	-79	-324	-394	-180	633	509
Percent Difference	-5.6%	-1.6%	-4.8%	-1.3%	-1.5%	-3.5%	-1.9%	-8.8%	-9.5%	-2.2%	9.4%	13.3%
Critical (15%)												
No Action Alternative	1,465	1,338	1,680	3,412	3,116	2,620	3,280	2,357	2,876	5,917	2,816	2,197
Alternative B	1,578	1,289	1,793	3,418	3,051	2,817	3,076	2,241	2,536	5,653	3,509	2,690
Difference	113	-49	113	5	-65	197	-204	-116	-340	-264	693	493
Percent Difference	7.7%	-3.6%	6.7%	0.2%	-2.1%	7.5%	-6.2%	-4.9%	-11.8%	-4.5%	24.6%	22.5%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

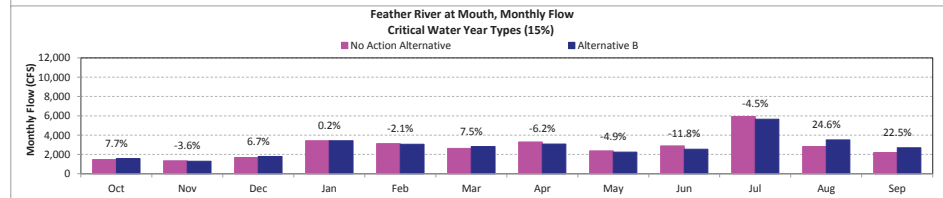
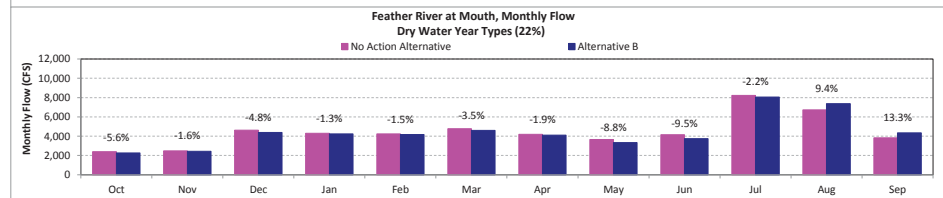
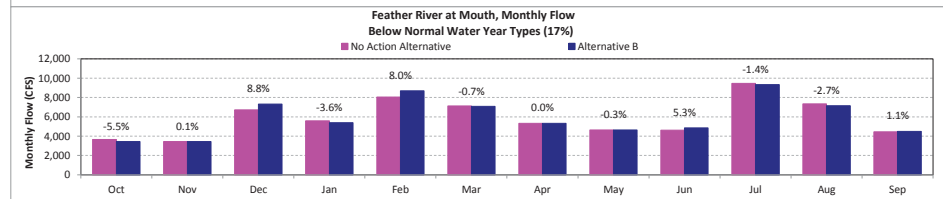
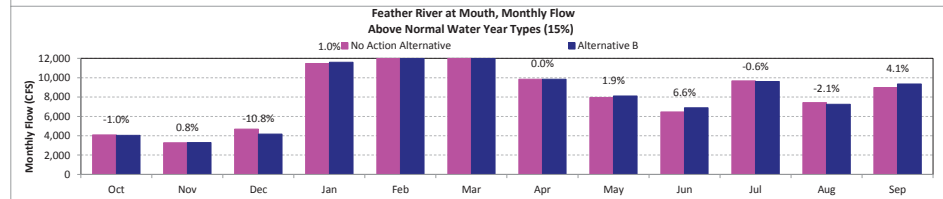
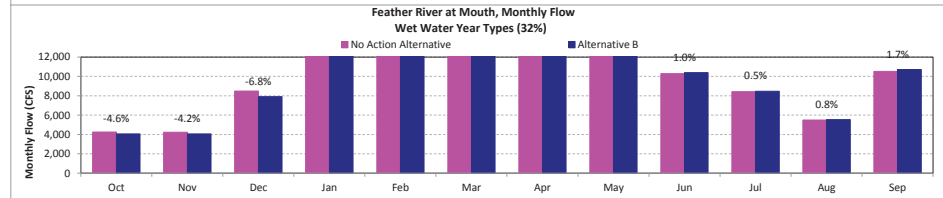
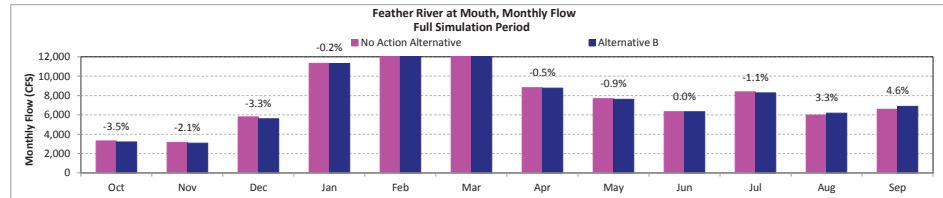


Figure SW-23-5b
Feather River at Mouth, Monthly Flow
Probability of Exceedance

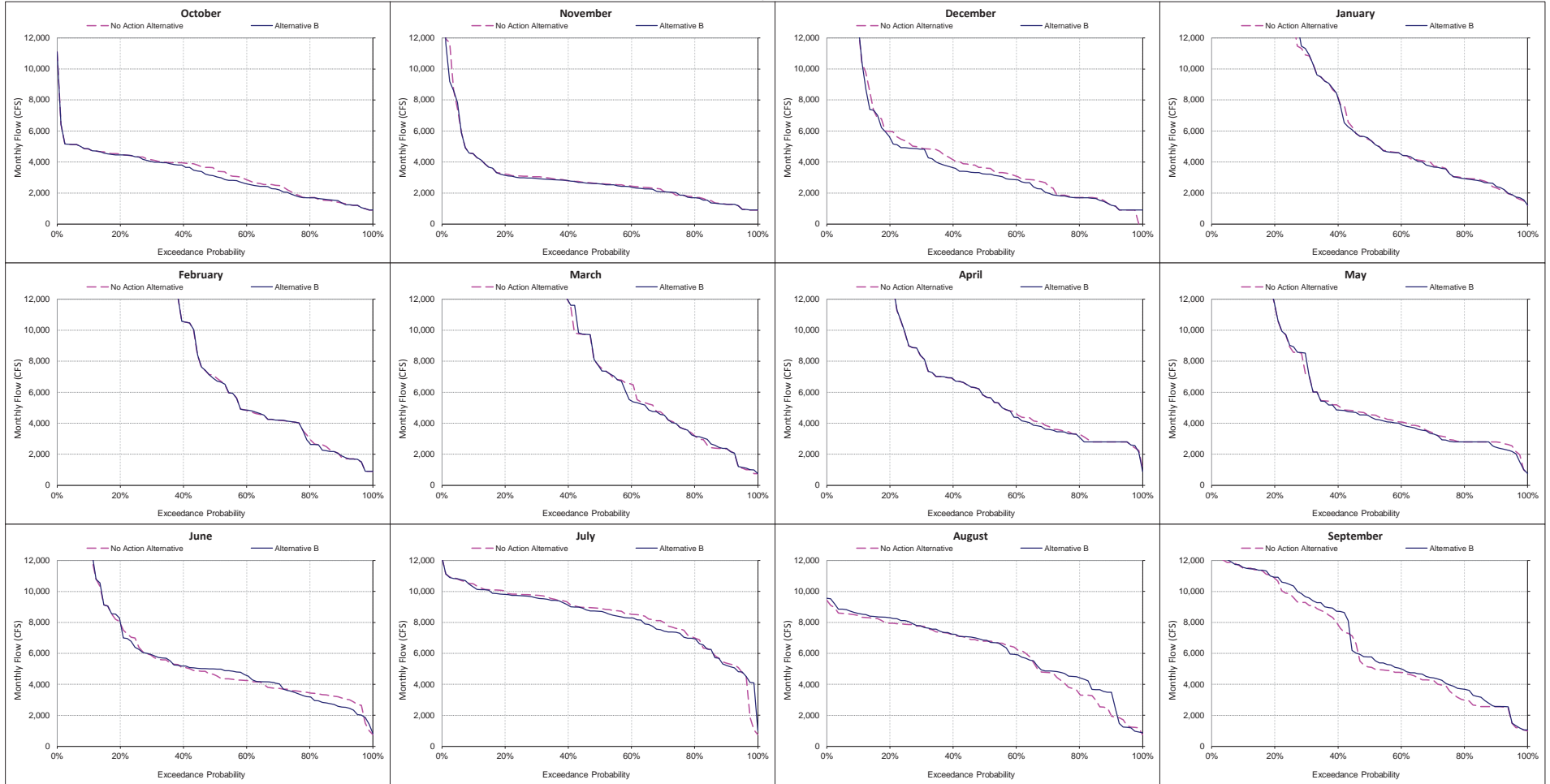


Table SW-24-5a
Folsom Lake, End of Month Storage
Long-term Average and Average by Water Year Type

Analysis Period	End of Month Storage (TAF)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	477	435	448	466	487	594	719	840	810	666	582	496
Alternative B	492	449	457	472	494	599	721	840	813	687	597	518
Difference	16	14	10	6	7	4	2	0	4	20	15	22
Percent Difference ³	3.3%	3.3%	2.2%	1.3%	1.4%	0.7%	0.3%	0.0%	0.5%	3.0%	2.7%	4.5%
Water Year Types²												
Wet (32%)												
No Action Alternative	590	505	505	520	505	634	792	964	961	867	762	600
Alternative B	598	511	509	520	505	634	792	964	961	874	762	620
Difference	7	6	4	0	0	0	0	0	0	7	0	20
Percent Difference	1.2%	1.1%	0.7%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	3.3%
Above Normal (15%)												
No Action Alternative	528	474	492	516	533	649	796	966	939	744	662	559
Alternative B	544	491	503	517	534	649	796	966	938	753	667	574
Difference	17	17	11	1	1	0	0	0	-1	8	5	15
Percent Difference	3.1%	3.6%	2.1%	0.3%	0.2%	0.0%	0.0%	0.0%	-0.1%	1.1%	0.8%	2.7%
Below Normal (17%)												
No Action Alternative	558	508	504	500	538	635	787	928	907	685	610	565
Alternative B	566	513	506	497	543	640	787	924	902	723	633	575
Difference	8	5	2	-3	5	5	0	-4	-5	38	24	11
Percent Difference	1.4%	0.9%	0.5%	-0.6%	1.0%	0.8%	-0.1%	-0.5%	-0.6%	5.5%	3.9%	1.9%
Dry (22%)												
No Action Alternative	390	396	410	430	495	601	704	777	708	541	451	420
Alternative B	427	428	431	452	515	612	718	789	725	577	492	460
Difference	36	33	21	22	20	11	14	11	17	37	40	39
Percent Difference	9.3%	8.2%	5.2%	5.2%	4.0%	1.8%	2.0%	1.5%	2.4%	6.8%	8.9%	9.4%
Critical (15%)												
No Action Alternative	215	215	269	316	334	396	425	437	391	321	274	239
Alternative B	225	228	283	325	343	404	419	426	398	336	286	260
Difference	11	13	14	9	9	8	-5	-12	7	15	12	22
Percent Difference	5.0%	6.2%	5.3%	3.0%	2.8%	1.9%	-1.3%	-2.7%	1.9%	4.7%	4.4%	9.1%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

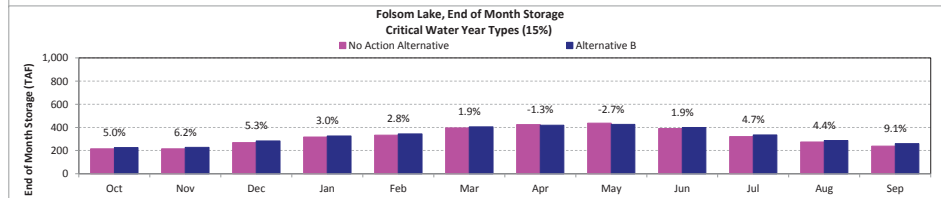
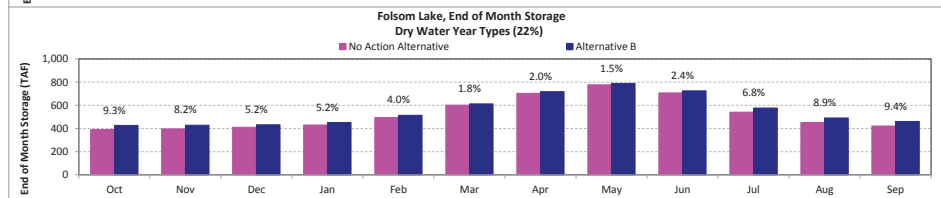
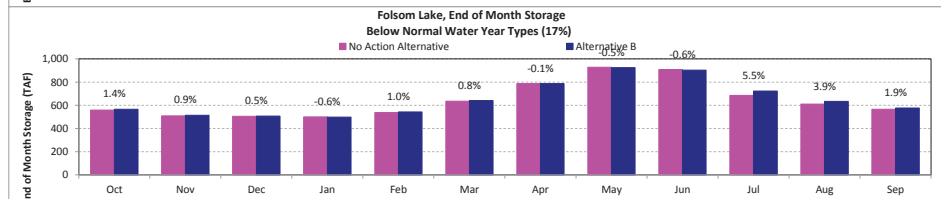
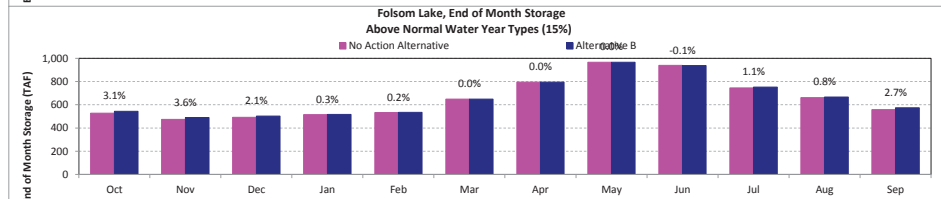
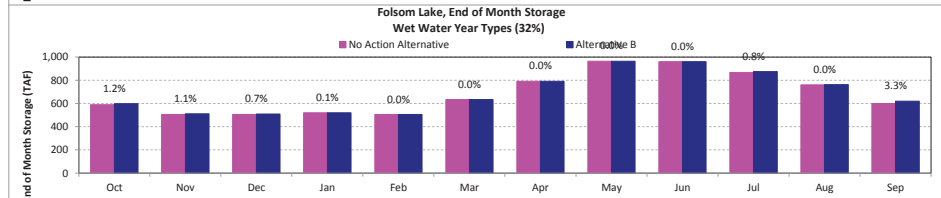
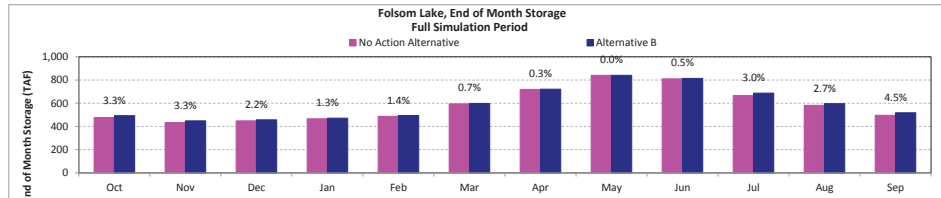


Figure SW-24-5b
Folsom Lake, End of Month Storage
Probability of Exceedance

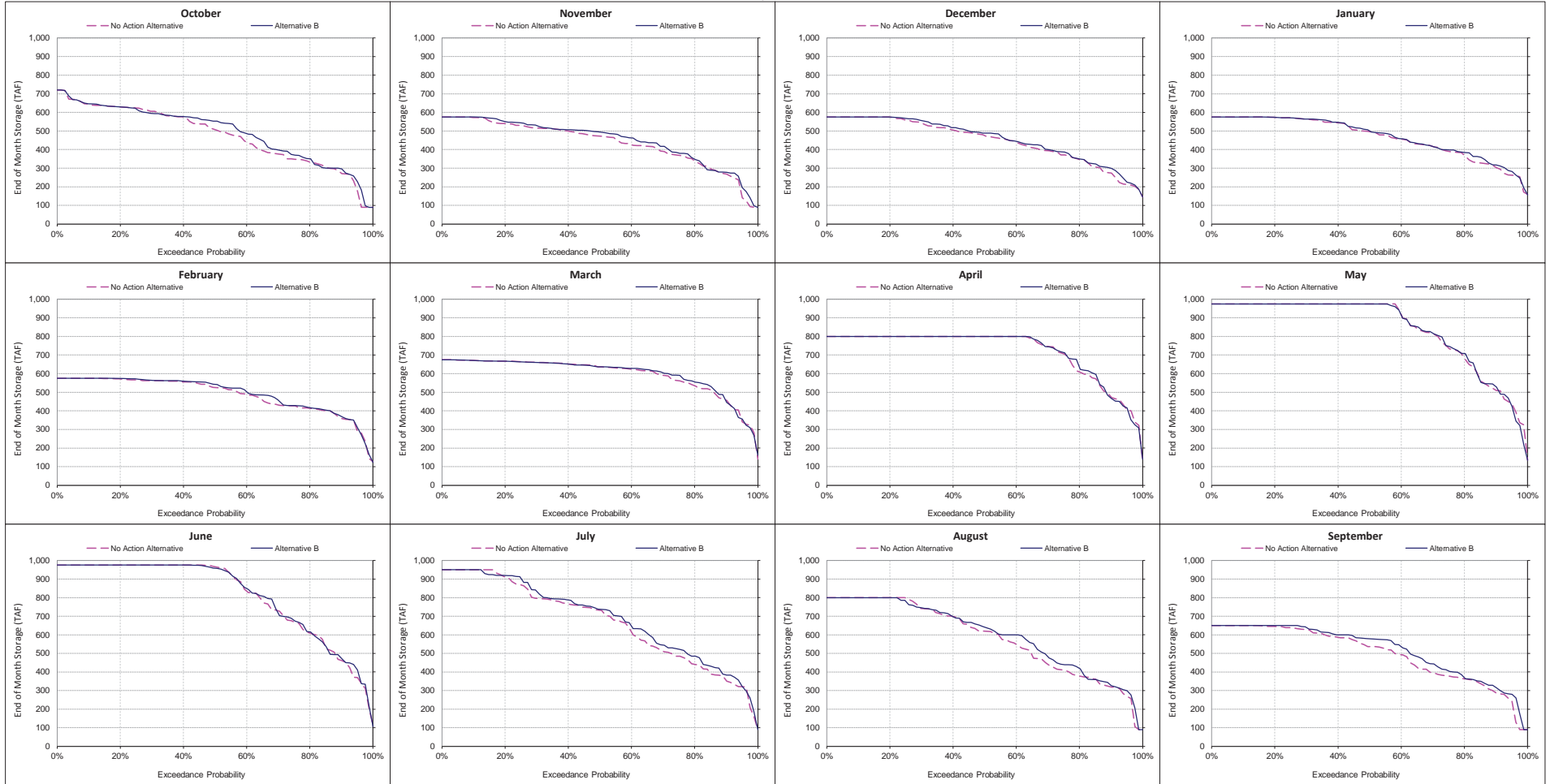


Table SW-25-5a
Folsom Lake, End of Month Elevation
Long-term Average and Average by Water Year Type

Analysis Period	End of Month Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	410	404	407	410	413	426	439	451	448	432	422	412
Alternative B	412	407	409	411	414	427	440	451	448	435	425	416
Difference	2	2	1	1	1	1	0	0	0	2	2	3
Percent Difference ³	0.6%	0.6%	0.4%	0.2%	0.2%	0.1%	0.1%	0.0%	0.1%	0.6%	0.5%	0.8%
Water Year Types²												
Wet (32%)												
No Action Alternative	426	416	416	417	416	432	448	465	464	455	445	427
Alternative B	427	416	416	417	416	432	448	465	464	456	445	430
Difference	1	1	0	0	0	0	0	0	0	1	0	2
Percent Difference	0.2%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.6%
Above Normal (15%)												
No Action Alternative	418	412	414	417	419	433	448	465	462	443	434	422
Alternative B	421	414	415	417	419	433	448	465	462	444	435	424
Difference	2	2	1	0	0	0	0	0	0	1	1	2
Percent Difference	0.5%	0.6%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.4%
Below Normal (17%)												
No Action Alternative	422	416	415	415	420	432	448	461	459	436	428	423
Alternative B	423	416	415	414	420	432	448	461	459	440	431	424
Difference	1	1	0	0	1	1	0	0	-1	4	3	1
Percent Difference	0.2%	0.1%	0.1%	-0.1%	0.2%	0.1%	0.0%	-0.1%	-0.1%	0.9%	0.6%	0.3%
Dry (22%)												
No Action Alternative	400	401	403	406	414	428	439	446	439	419	408	404
Alternative B	405	406	406	409	417	429	440	447	441	424	413	410
Difference	5	4	3	3	2	1	2	1	2	5	5	5
Percent Difference	1.3%	1.1%	0.7%	0.7%	0.6%	0.3%	0.4%	0.3%	0.4%	1.1%	1.3%	1.3%
Critical (15%)												
No Action Alternative	365	365	379	388	390	400	403	405	398	387	377	370
Alternative B	369	370	382	389	391	401	403	403	399	390	380	376
Difference	4	5	3	2	1	1	-1	-2	1	3	3	6
Percent Difference	1.0%	1.2%	0.8%	0.5%	0.3%	0.3%	-0.2%	-0.5%	0.3%	0.7%	0.8%	1.6%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

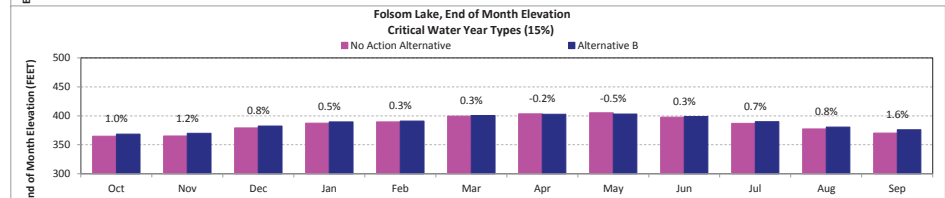
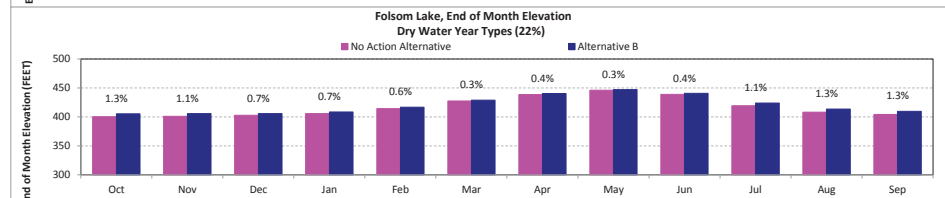
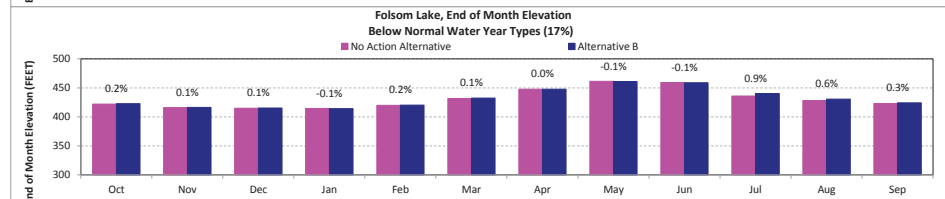
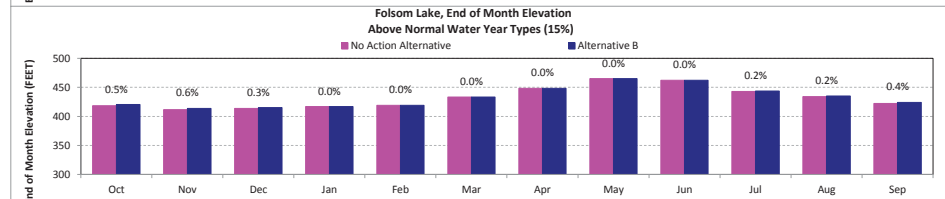
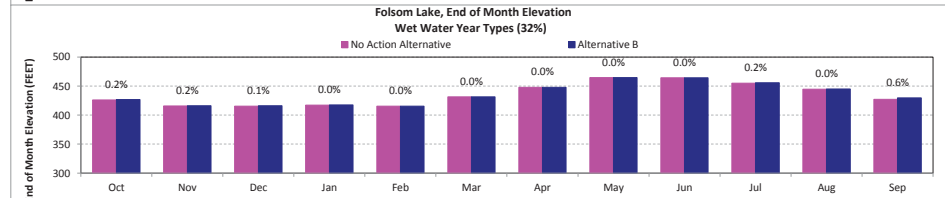
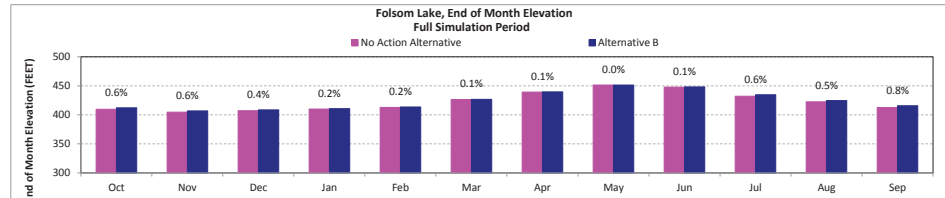


Figure SW-25-5b
Folsom Lake, End of Month Elevation
Probability of Exceedance

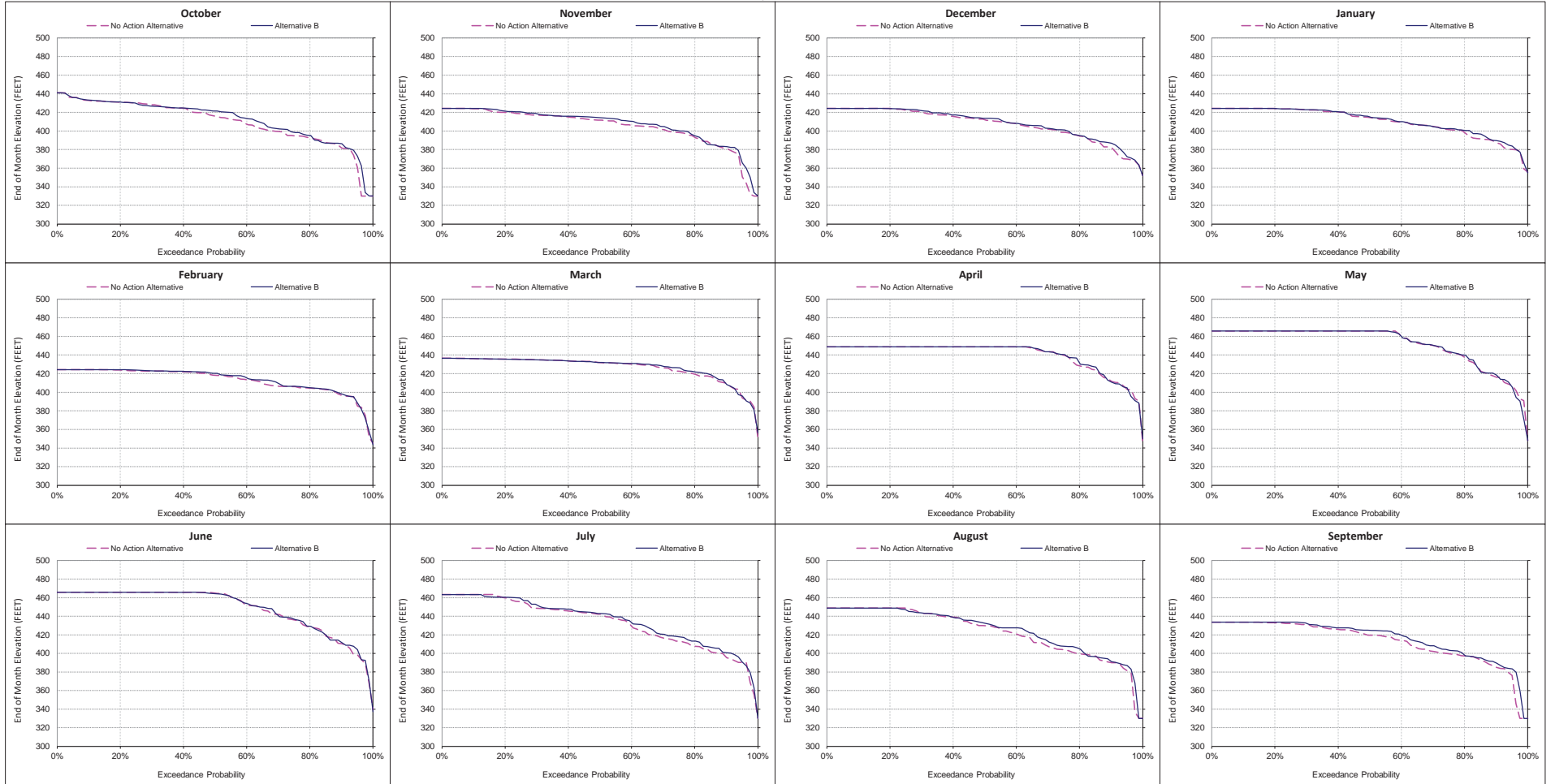


Table SW-26-5a
Folsom Lake, End of Month Area
Long-term Average and Average by Water Year Type

Analysis Period	End of Month Area (ACRE)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	7,394	7,011	7,177	7,384	7,599	8,611	9,478	10,219	9,984	8,943	8,292	7,603
Alternative B	7,564	7,168	7,287	7,452	7,662	8,652	9,496	10,207	10,017	9,121	8,454	7,841
Difference	170	157	110	69	63	41	18	-12	33	177	162	238
Percent Difference ³	2.3%	2.2%	1.5%	0.9%	0.8%	0.5%	0.2%	-0.1%	0.3%	2.0%	2.0%	3.1%
Water Year Types²												
Wet (32%)												
No Action Alternative	8,583	7,813	7,809	7,942	7,807	9,003	10,083	11,104	11,090	10,503	9,863	8,687
Alternative B	8,654	7,862	7,843	7,945	7,807	9,003	10,083	11,104	11,089	10,554	9,876	8,872
Difference	70	50	34	3	0	0	-1	0	52	13	185	
Percent Difference	0.8%	0.6%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.1%	2.1%	
Above Normal (15%)												
No Action Alternative	8,020	7,505	7,677	7,899	8,068	9,141	10,105	11,118	10,957	9,728	9,139	8,310
Alternative B	8,175	7,677	7,779	7,912	8,076	9,141	10,105	11,118	10,952	9,803	9,226	8,451
Difference	155	172	103	12	7	0	0	0	-5	75	86	141
Percent Difference	1.9%	2.3%	1.3%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.8%	0.9%	1.7%
Below Normal (17%)												
No Action Alternative	8,272	7,826	7,757	7,731	8,115	9,007	10,056	10,892	10,769	9,254	8,720	8,358
Alternative B	8,342	7,865	7,777	7,709	8,163	9,053	10,054	10,866	10,736	9,530	8,901	8,458
Difference	71	40	21	-22	47	46	-3	-25	-34	276	181	100
Percent Difference	0.9%	0.5%	0.3%	-0.3%	0.6%	0.5%	0.0%	-0.2%	-0.3%	3.0%	2.1%	1.2%
Dry (22%)												
No Action Alternative	6,667	6,728	6,868	7,065	7,716	8,702	9,440	9,934	9,442	8,061	7,242	6,973
Alternative B	7,044	7,058	7,079	7,290	7,902	8,803	9,559	10,011	9,562	8,401	7,639	7,371
Difference	378	330	211	225	186	101	119	77	121	340	396	398
Percent Difference	5.7%	4.9%	3.1%	3.2%	2.4%	1.2%	1.3%	0.8%	1.3%	4.2%	5.5%	5.7%
Critical (15%)												
No Action Alternative	4,257	4,251	5,094	5,730	5,900	6,635	6,922	7,043	6,516	5,740	5,115	4,613
Alternative B	4,463	4,503	5,326	5,869	5,987	6,710	6,868	6,877	6,602	5,933	5,300	4,985
Difference	206	252	232	139	87	75	-54	-166	86	193	185	372
Percent Difference	4.8%	5.9%	4.6%	2.4%	1.5%	1.1%	-0.8%	-2.4%	1.3%	3.4%	3.6%	8.1%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

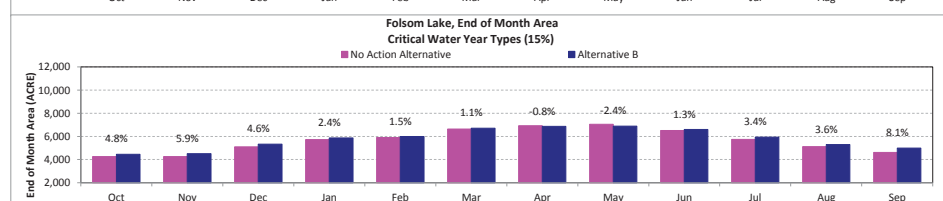
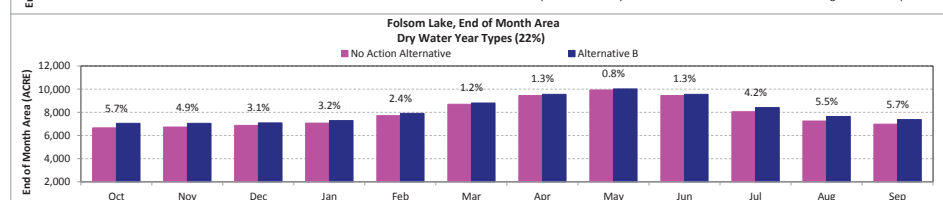
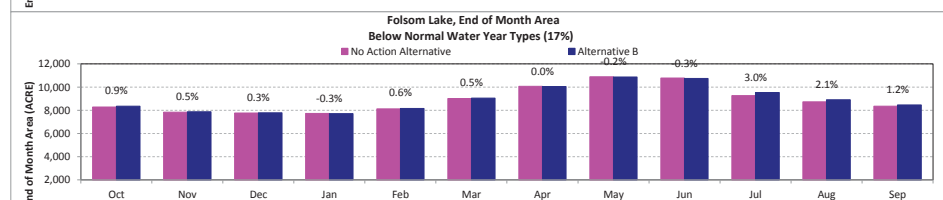
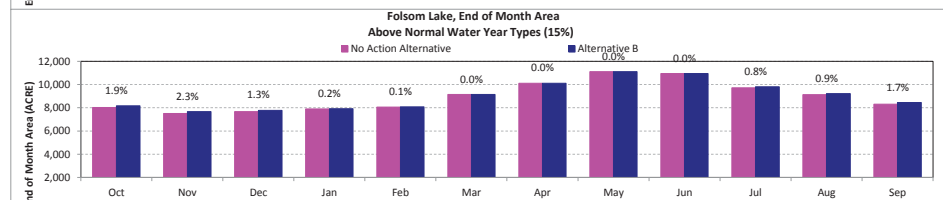
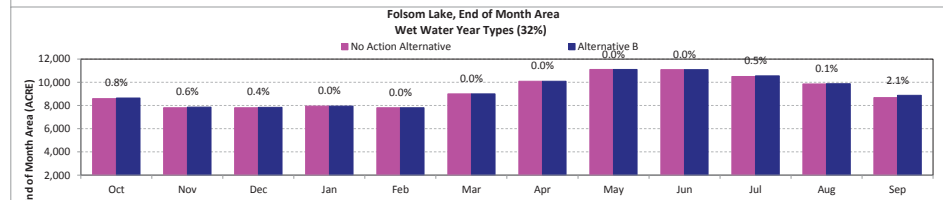
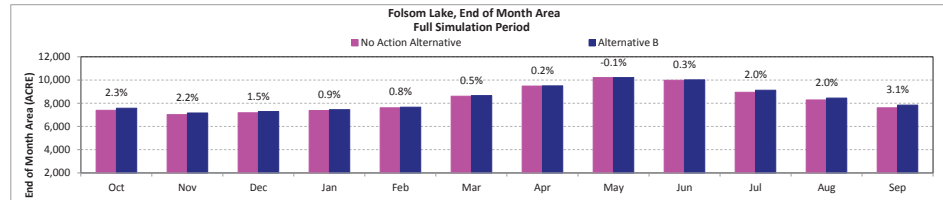


Figure SW-26-5b
Folsom Lake, End of Month Area
Probability of Exceedance

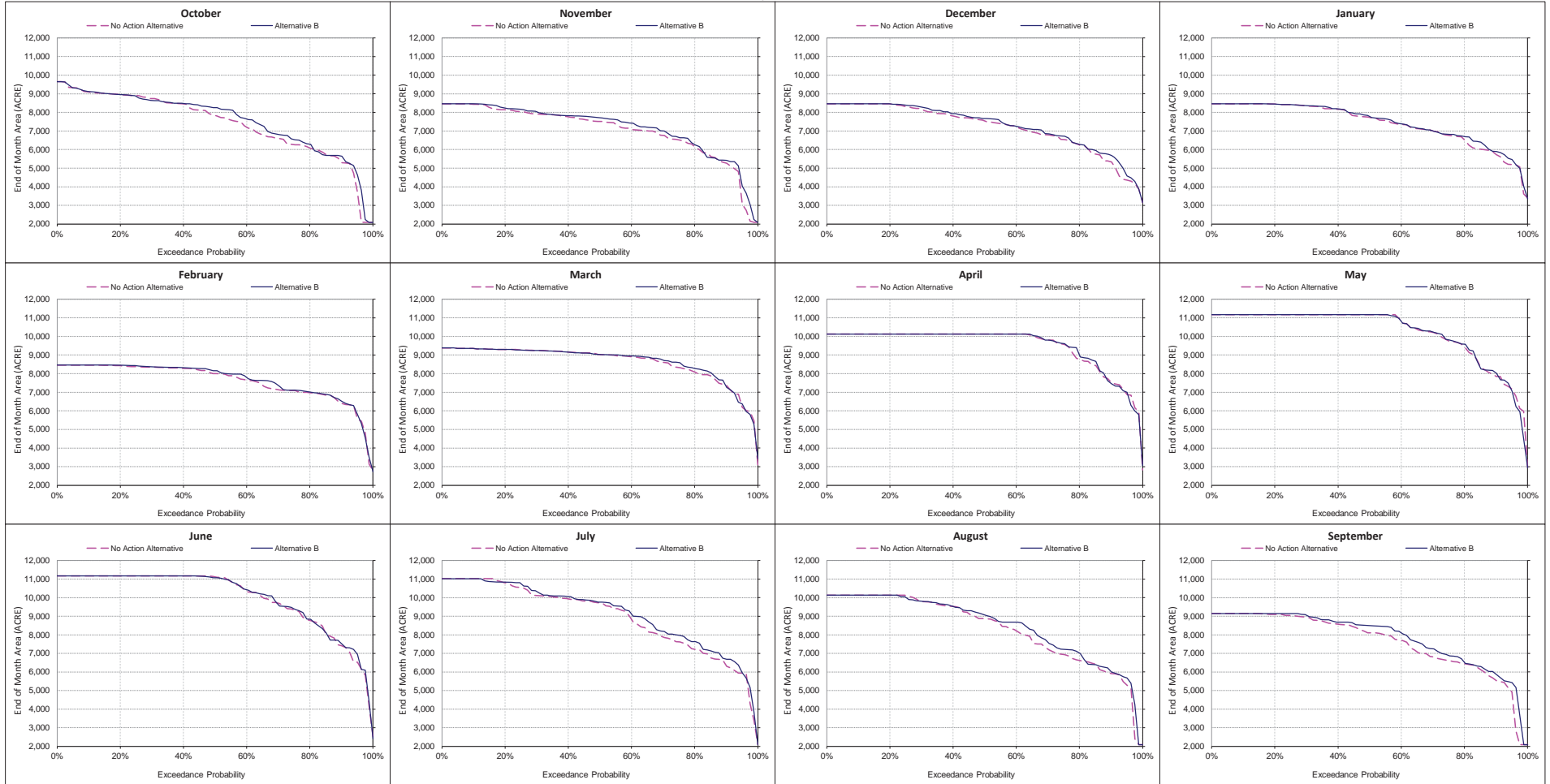


Table SW-27.5a
American River below Nimbus Reservoir, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	1,498	2,745	3,268	4,368	5,068	3,686	3,255	3,461	3,526	3,640	2,501	2,679
Alternative B	1,604	2,772	3,335	4,429	5,055	3,724	3,291	3,495	3,461	3,375	2,574	2,559
Difference	106	27	67	61	-13	38	36	34	-64	-265	73	-120
Percent Difference ³	7.1%	1.0%	2.1%	1.4%	-0.2%	1.0%	1.1%	1.0%	-1.8%	-7.3%	2.9%	-4.5%
Water Year Types²												
Wet (32%)												
No Action Alternative	1,634	3,901	3,618	8,626	9,123	6,055	5,197	5,968	5,780	3,898	3,267	4,293
Alternative B	1,835	3,934	3,639	8,694	9,125	6,054	5,197	5,968	5,778	3,784	3,374	3,962
Difference	201	33	21	68	2	-1	0	0	-2	-114	107	-331
Percent Difference	12.3%	0.8%	0.6%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	-2.9%	3.3%	-7.7%
Above Normal (15%)												
No Action Alternative	1,525	2,743	2,900	4,521	6,203	5,332	3,454	3,649	3,255	4,415	2,632	3,088
Alternative B	1,524	2,727	3,012	4,599	6,213	5,346	3,455	3,649	3,269	4,269	2,678	2,918
Difference	-1	-16	112	79	9	14	1	0	13	-146	46	-169
Percent Difference	-0.1%	-0.6%	3.9%	1.7%	0.2%	0.3%	0.0%	0.0%	0.4%	-3.3%	1.8%	-5.5%
Below Normal (17%)												
No Action Alternative	1,649	3,356	3,983	2,273	4,139	2,387	2,972	2,799	2,637	4,835	2,397	2,060
Alternative B	1,694	3,410	4,020	2,362	3,994	2,388	3,059	2,859	2,653	4,132	2,620	2,274
Difference	45	54	38	89	-144	2	87	60	16	-703	223	214
Percent Difference	2.7%	1.6%	0.9%	3.9%	-3.5%	0.1%	2.9%	2.2%	0.6%	-14.5%	9.3%	10.4%
Dry (22%)												
No Action Alternative	1,439	1,771	4,027	1,709	1,773	2,010	1,907	1,715	2,372	3,254	2,308	1,593
Alternative B	1,486	1,843	4,208	1,640	1,817	2,151	1,856	1,753	2,275	2,929	2,239	1,597
Difference	47	72	181	-69	44	141	-50	38	-96	-324	-69	3
Percent Difference	3.3%	4.0%	4.5%	-4.0%	2.5%	7.0%	-2.6%	2.2%	-4.1%	-10.0%	-3.0%	0.2%
Critical (15%)												
No Action Alternative	1,089	990	906	1,423	1,175	939	1,197	1,234	1,679	1,493	1,118	1,123
Alternative B	1,254	953	891	1,615	1,178	969	1,416	1,340	1,355	1,383	1,183	937
Difference	165	-37	-15	193	2	30	218	106	-324	-110	66	-185
Percent Difference	15.2%	-3.8%	-1.6%	13.5%	0.2%	3.2%	18.2%	8.6%	-19.3%	-7.4%	5.9%	-16.5%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

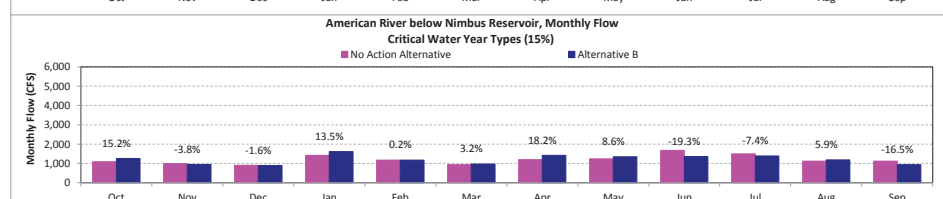
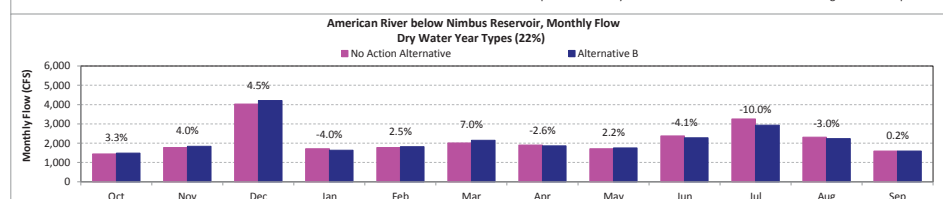
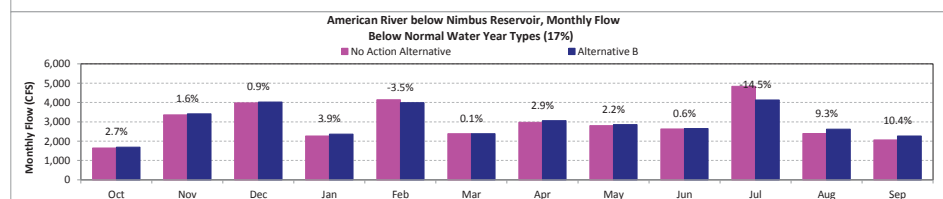
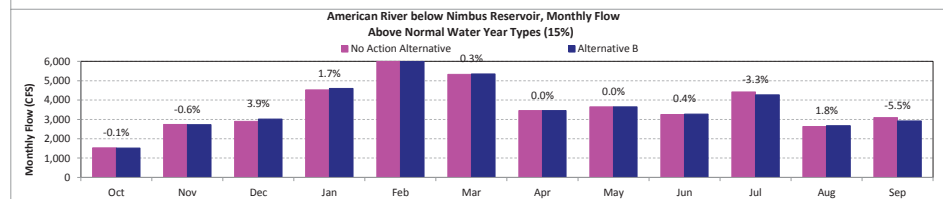
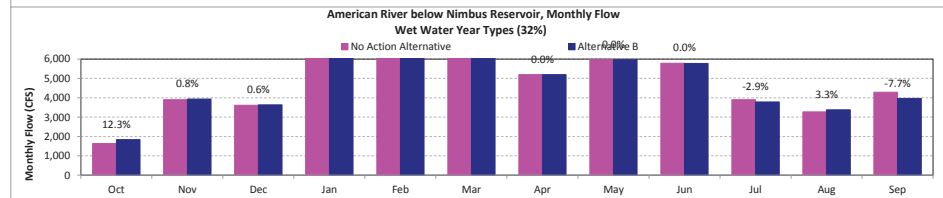
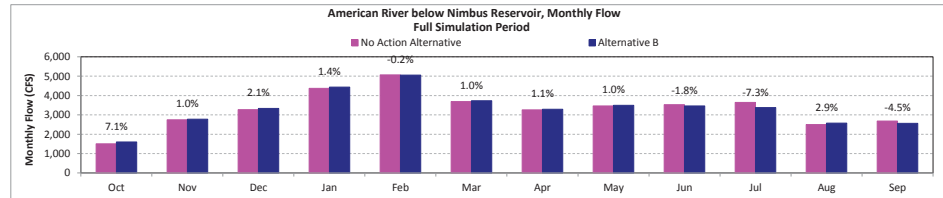


Figure SW-27-5b
American River below Nimbus Reservoir, Monthly Flow
Probability of Exceedance

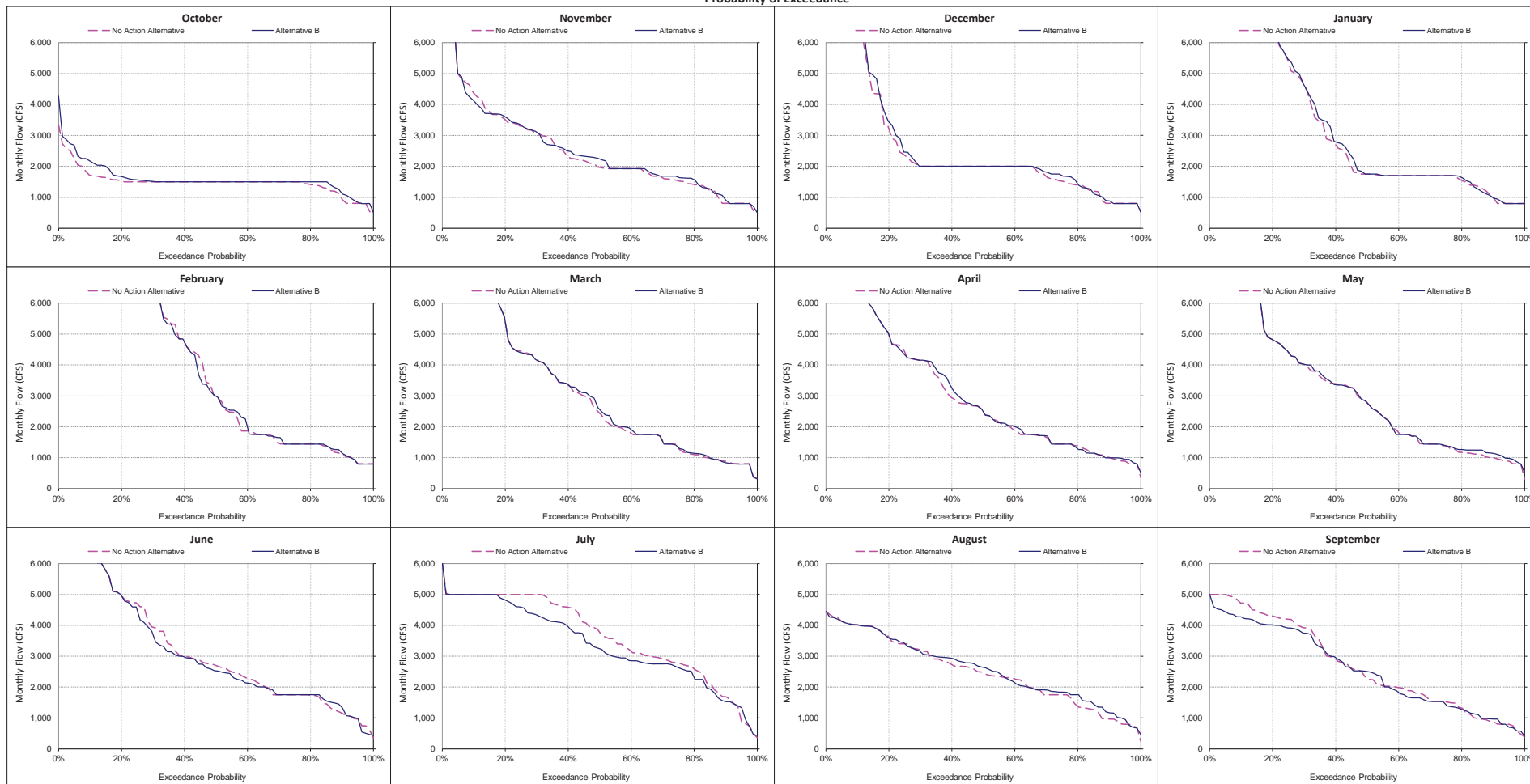


Table SW-28.5a
American River at Watt Avenue, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	1,428	2,683	3,197	4,293	4,976	3,597	3,175	3,387	3,446	3,562	2,422	2,608
Alternative B	1,535	2,709	3,264	4,353	4,963	3,635	3,211	3,421	3,381	3,298	2,497	2,487
Difference	107	26	67	61	-13	38	36	34	-65	-264	75	-121
Percent Difference ³	7.5%	1.0%	2.1%	1.4%	-0.3%	1.1%	1.1%	1.0%	-1.9%	-7.4%	3.1%	-4.6%
Water Year Types²												
Wet (32%)												
No Action Alternative	1,549	3,837	3,536	8,529	8,989	5,930	5,094	5,875	5,677	3,800	3,186	4,214
Alternative B	1,753	3,868	3,557	8,596	8,991	5,929	5,094	5,876	5,675	3,686	3,293	3,882
Difference	204	31	21	67	1	-1	0	0	-2	-114	108	-332
Percent Difference	13.2%	0.8%	0.6%	0.8%	0.0%	0.0%	0.0%	0.0%	0.4%	-3.0%	3.4%	-7.9%
Above Normal (15%)												
No Action Alternative	1,452	2,680	2,828	4,450	6,113	5,236	3,365	3,575	3,174	4,339	2,546	3,015
Alternative B	1,452	2,664	2,940	4,527	6,122	5,250	3,366	3,575	3,187	4,193	2,593	2,845
Difference	0	-16	112	77	9	14	1	0	13	-146	48	-170
Percent Difference	0.0%	-0.6%	4.0%	1.7%	0.1%	0.3%	0.0%	0.0%	0.4%	-3.4%	1.9%	-5.6%
Below Normal (17%)												
No Action Alternative	1,584	3,292	3,906	2,204	4,067	2,307	2,906	2,729	2,563	4,764	2,307	1,989
Alternative B	1,627	3,345	3,943	2,292	3,922	2,310	2,993	2,788	2,578	4,061	2,536	2,201
Difference	43	53	37	88	-145	3	87	59	15	-703	229	212
Percent Difference	2.7%	1.6%	1.0%	4.0%	-3.6%	0.1%	3.0%	2.2%	0.6%	-14.8%	9.9%	10.6%
Dry (22%)												
No Action Alternative	1,378	1,709	3,965	1,647	1,704	1,947	1,840	1,651	2,307	3,186	2,232	1,524
Alternative B	1,425	1,780	4,145	1,578	1,749	2,088	1,788	1,690	2,211	2,862	2,166	1,527
Difference	47	71	180	-69	45	141	-52	38	-97	-324	-66	4
Percent Difference	3.4%	4.2%	4.5%	-4.2%	2.6%	7.2%	-2.8%	2.3%	-4.2%	-10.2%	-3.0%	0.2%
Critical (15%)												
No Action Alternative	1,034	933	852	1,363	1,111	882	1,145	1,178	1,621	1,433	1,059	1,067
Alternative B	1,201	894	838	1,554	1,111	913	1,363	1,281	1,295	1,326	1,125	879
Difference	167	-40	-14	191	0	31	219	104	-325	-107	66	-187
Percent Difference	16.2%	-4.2%	-1.7%	14.0%	0.0%	3.5%	19.1%	8.8%	-20.1%	-7.5%	6.2%	-17.6%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

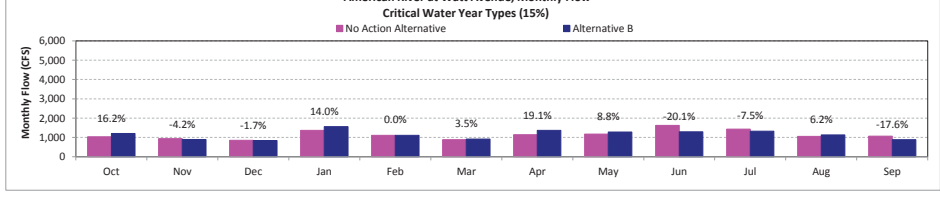
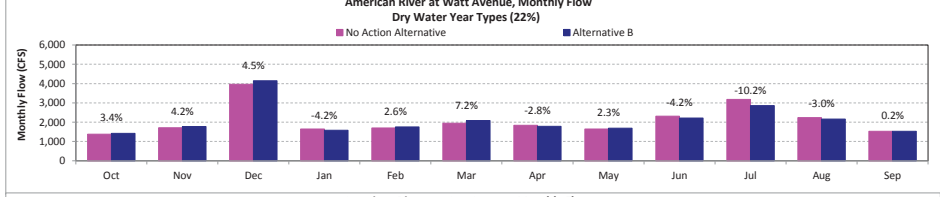
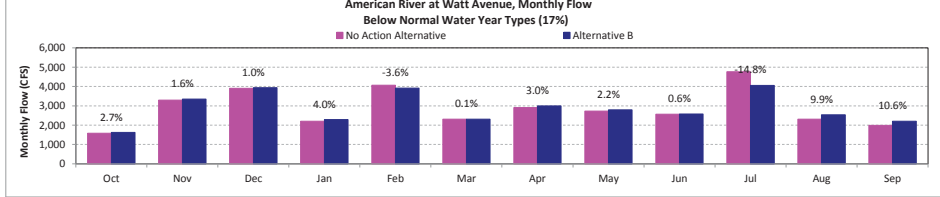
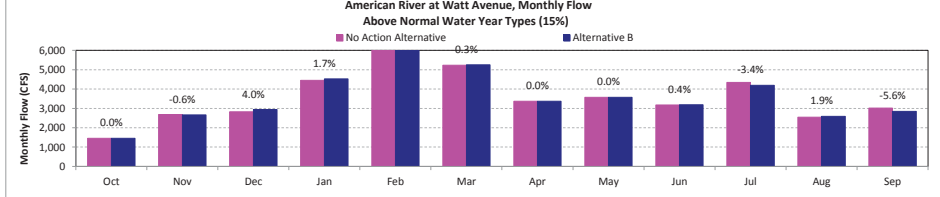
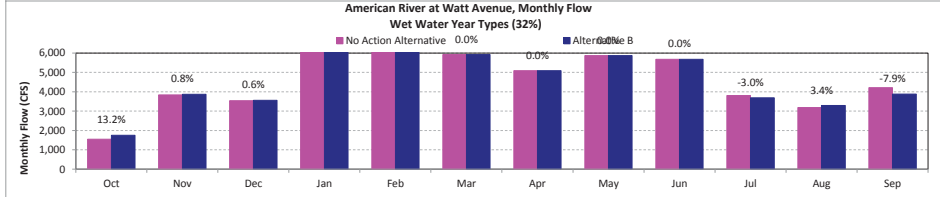
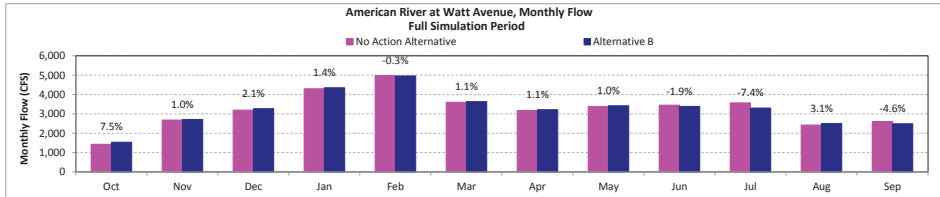


Figure SW-28-5b
American River at Watt Avenue, Monthly Flow
Probability of Exceedance

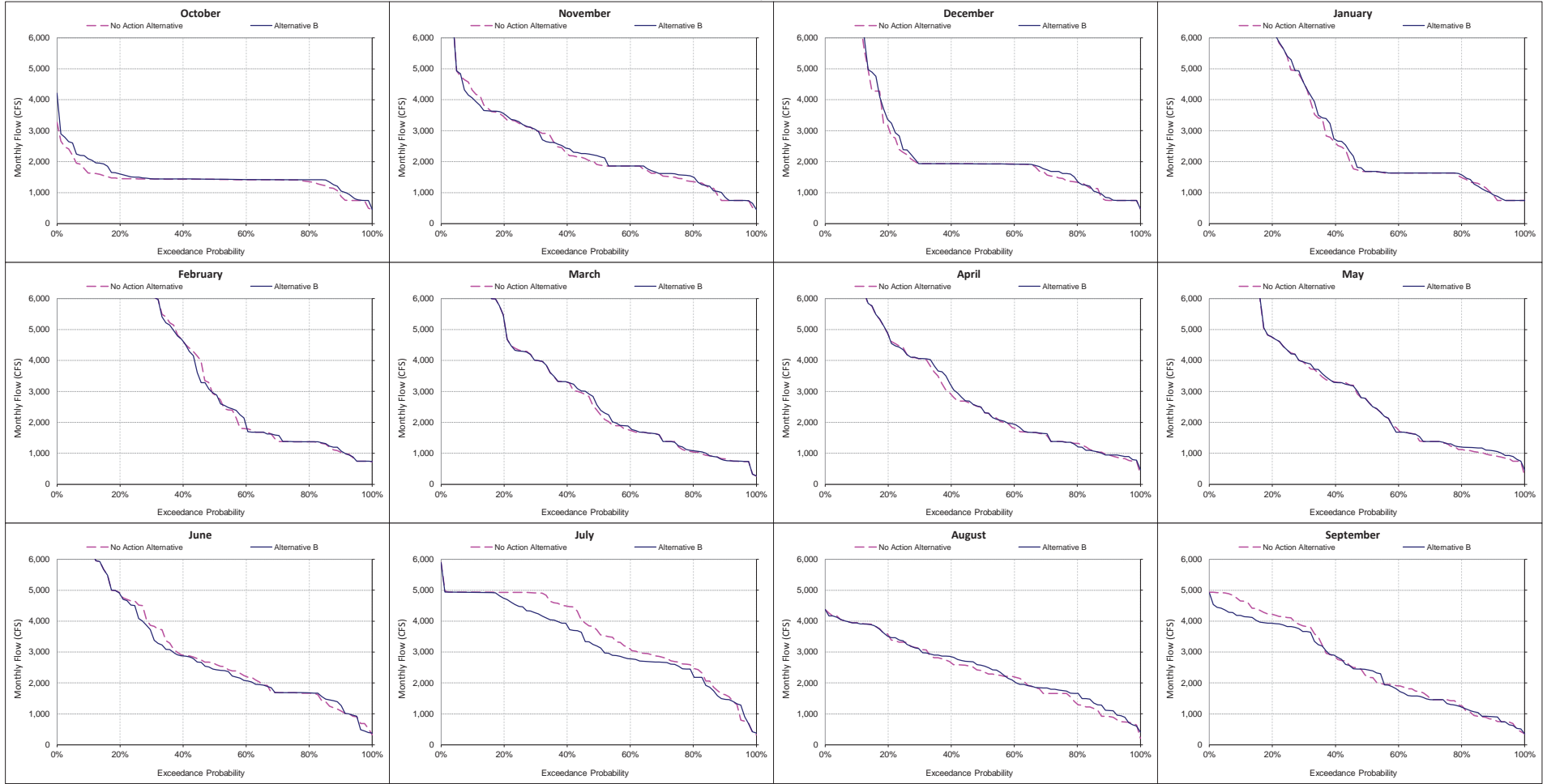


Table SW-29.5a
American River at H Street, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	1,353	2,652	3,188	4,292	4,970	3,571	3,051	3,223	3,236	3,347	2,234	2,472
Alternative B	1,460	2,679	3,255	4,352	4,956	3,609	3,087	3,256	3,171	3,083	2,309	2,351
Difference	107	26	67	61	-13	38	36	34	-65	-264	74	-121
Percent Difference ³	7.9%	1.0%	2.1%	1.4%	-0.3%	1.1%	1.2%	1.0%	-2.0%	-7.9%	3.3%	-4.9%
Water Year Types²												
Wet (32%)												
No Action Alternative	1,470	3,808	3,520	8,553	8,988	5,915	4,997	5,711	5,462	3,580	2,993	4,075
Alternative B	1,674	3,839	3,540	8,620	8,990	5,915	4,997	5,711	5,460	3,466	3,100	3,743
Difference	204	31	21	67	1	-1	0	0	-2	-114	108	-332
Percent Difference	13.9%	0.8%	0.6%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	-3.2%	3.6%	-8.1%
Above Normal (15%)												
No Action Alternative	1,377	2,651	2,832	4,475	6,135	5,219	3,238	3,411	2,957	4,121	2,355	2,876
Alternative B	1,377	2,635	2,945	4,552	6,144	5,233	3,239	3,411	2,971	3,975	2,403	2,706
Difference	0	-16	112	77	9	14	1	0	13	-146	48	-170
Percent Difference	0.0%	-0.6%	4.0%	1.7%	0.1%	0.3%	0.0%	0.0%	0.5%	-3.5%	2.0%	-5.9%
Below Normal (17%)												
No Action Alternative	1,523	3,262	3,892	2,189	4,063	2,272	2,784	2,556	2,350	4,547	2,116	1,855
Alternative B	1,566	3,315	3,930	2,277	3,918	2,275	2,871	2,615	2,365	3,844	2,345	2,067
Difference	43	53	37	88	-145	3	87	59	15	-703	229	212
Percent Difference	2.8%	1.6%	1.0%	4.0%	-3.6%	0.1%	3.1%	2.3%	0.6%	-15.5%	10.8%	11.4%
Dry (22%)												
No Action Alternative	1,300	1,686	3,952	1,623	1,682	1,920	1,697	1,483	2,095	2,971	2,044	1,391
Alternative B	1,347	1,757	4,132	1,554	1,727	2,060	1,645	1,521	1,998	2,647	1,978	1,395
Difference	47	71	180	-69	45	141	-52	38	-97	-324	-66	4
Percent Difference	3.6%	4.2%	4.5%	-4.2%	2.7%	7.3%	-3.0%	2.6%	-4.6%	-10.9%	-3.2%	0.3%
Critical (15%)												
No Action Alternative	960	888	857	1,333	1,085	835	994	1,030	1,434	1,234	894	936
Alternative B	1,127	849	843	1,524	1,086	865	1,212	1,134	1,108	1,127	951	748
Difference	167	-40	-14	191	0	31	219	104	-325	-107	58	-187
Percent Difference	17.4%	-4.5%	-1.7%	14.4%	0.0%	3.7%	22.0%	10.0%	-22.7%	-8.7%	6.5%	-20.0%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

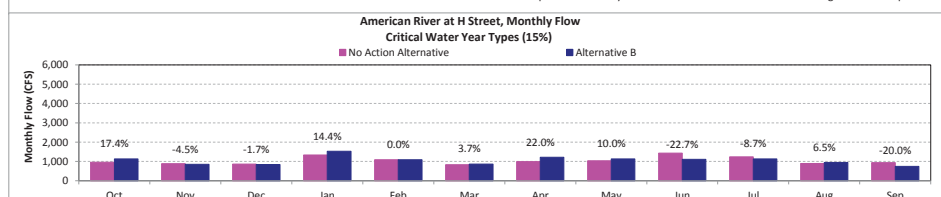
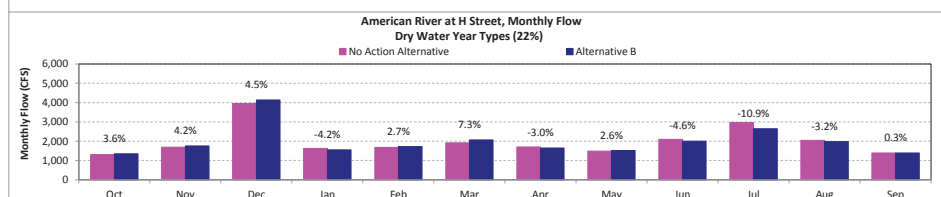
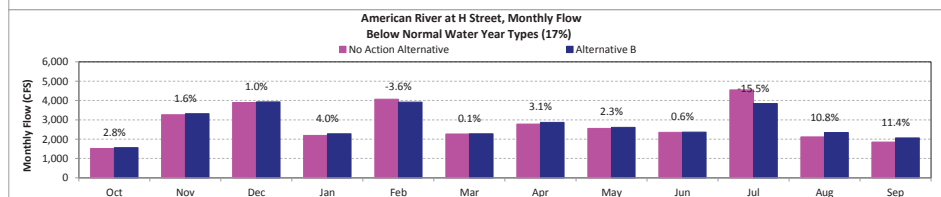
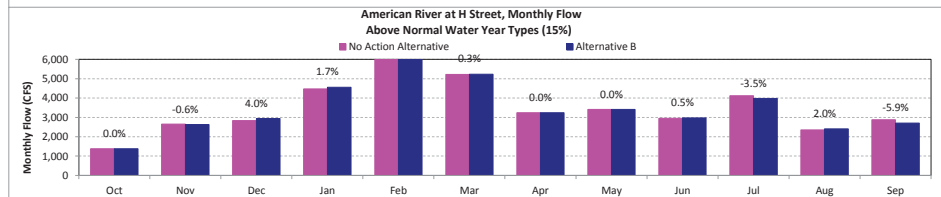
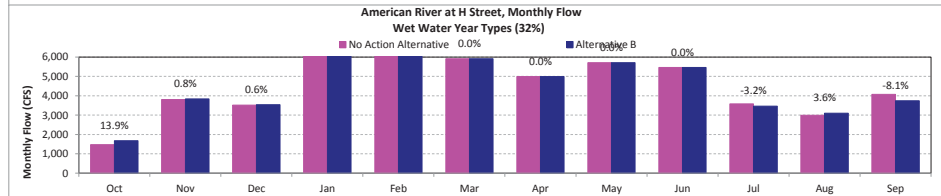
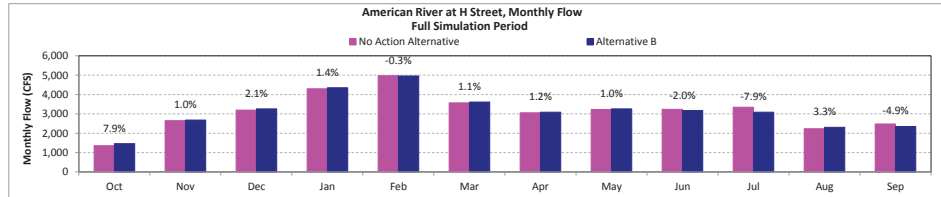


Figure SW-29-5b
American River at H Street, Monthly Flow
Probability of Exceedance

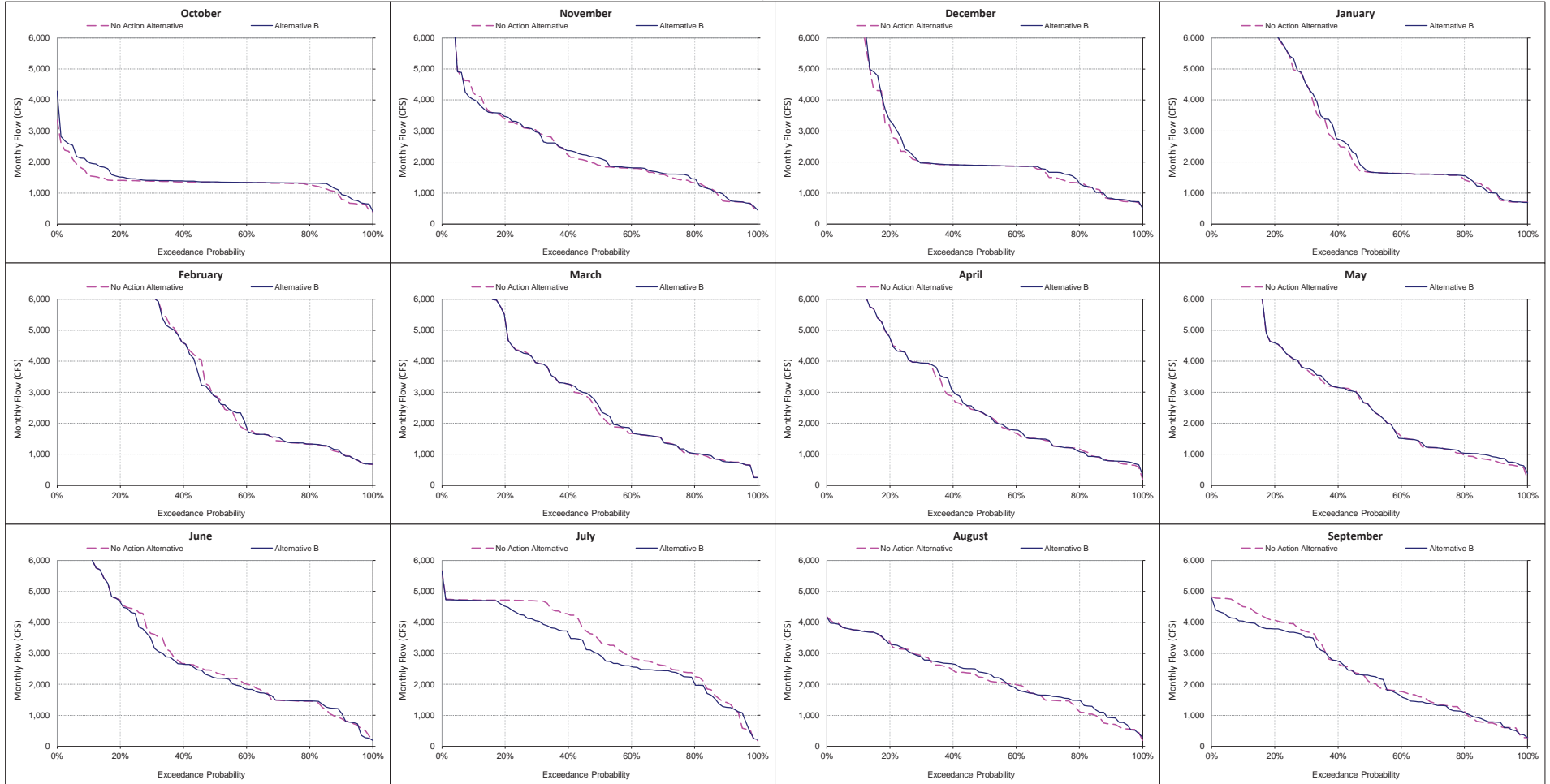


Table SW-46-5a
Feather River at Shanghai Bend, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	3,391	3,310	5,688	8,005	8,934	9,288	5,661	6,395	5,916	8,753	5,958	5,411
Alternative B	3,278	3,233	5,496	7,976	8,979	9,318	5,612	6,326	5,917	8,656	6,160	5,713
Difference	-113	-77	-193	-29	45	29	-49	-69	2	-97	203	302
Percent Difference ³	-3.3%	-2.3%	-3.4%	-0.4%	0.5%	0.3%	-0.9%	-1.1%	0.0%	-1.1%	3.4%	5.6%
Water Year Types²												
Wet (32%)												
No Action Alternative	4,413	4,541	7,604	17,055	17,558	18,241	10,720	12,703	9,229	8,577	5,372	9,157
Alternative B	4,217	4,343	7,020	17,060	17,409	18,271	10,719	12,706	9,336	8,627	5,433	9,333
Difference	-196	-198	-584	5	-150	31	0	3	107	50	60	176
Percent Difference	-4.4%	-4.4%	-7.7%	0.0%	-0.9%	0.2%	0.0%	0.0%	1.2%	0.6%	1.1%	1.9%
Above Normal (15%)												
No Action Alternative	4,143	3,418	5,228	7,269	9,498	11,635	5,461	6,404	5,931	10,210	7,446	7,683
Alternative B	4,100	3,438	4,723	7,383	9,551	11,890	5,461	6,554	6,360	10,160	7,303	8,048
Difference	-42	21	-505	114	53	255	0	151	429	-50	-144	365
Percent Difference	-1.0%	0.6%	-9.7%	1.6%	0.6%	2.2%	0.0%	2.4%	7.2%	-0.5%	-1.9%	4.7%
Below Normal (17%)												
No Action Alternative	3,332	3,305	5,318	3,740	5,403	4,142	3,451	3,136	4,345	9,846	7,514	3,235
Alternative B	3,133	3,305	5,907	3,537	6,043	4,116	3,451	3,120	4,592	9,715	7,316	3,284
Difference	-199	0	-589	-203	640	-26	0	-16	247	-131	-198	49
Percent Difference	-6.0%	0.0%	-11.1%	-5.4%	11.9%	-0.6%	0.0%	-0.5%	5.7%	-1.3%	-2.6%	1.5%
Dry (22%)												
No Action Alternative	2,533	2,504	5,639	2,611	3,179	3,379	2,652	2,642	4,174	8,766	6,649	2,492
Alternative B	2,408	2,464	5,411	2,552	3,113	3,235	2,569	2,316	3,778	8,582	7,283	3,004
Difference	-125	-41	-228	-59	-66	-144	-83	-326	-396	-184	633	512
Percent Difference	-4.9%	-1.6%	-4.0%	-2.3%	-2.1%	-4.3%	-3.1%	-12.3%	-9.5%	-2.1%	9.5%	20.5%
Critical (15%)												
No Action Alternative	1,779	1,747	2,504	2,197	2,437	2,414	1,990	2,149	3,166	6,382	2,885	1,941
Alternative B	1,893	1,693	2,613	2,200	2,369	2,540	1,782	2,028	2,823	6,091	3,563	2,435
Difference	114	-54	109	3	-68	126	-208	-121	-343	-291	678	494
Percent Difference	6.4%	-3.1%	4.3%	0.1%	-2.8%	5.2%	-10.4%	-5.6%	-10.8%	-4.6%	23.5%	25.4%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

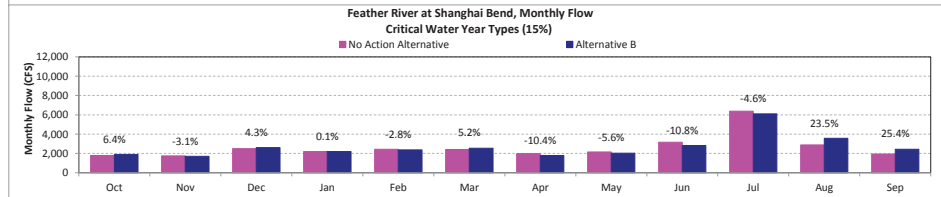
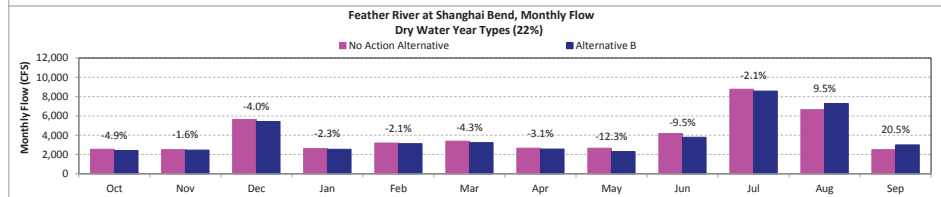
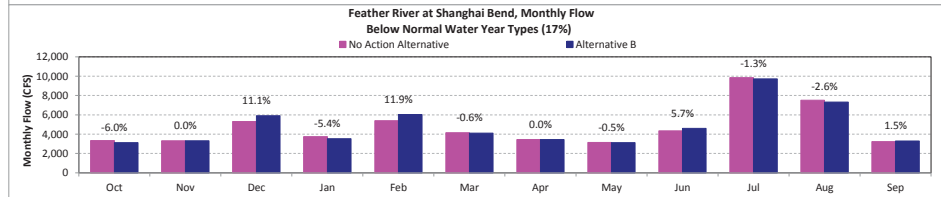
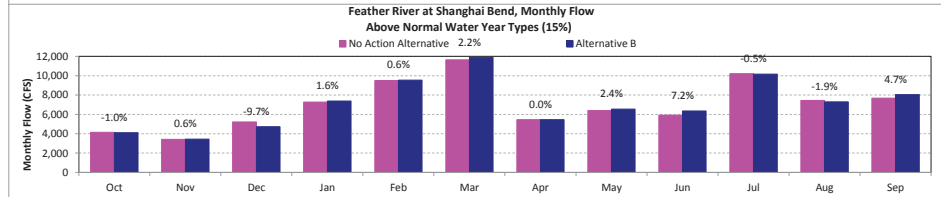
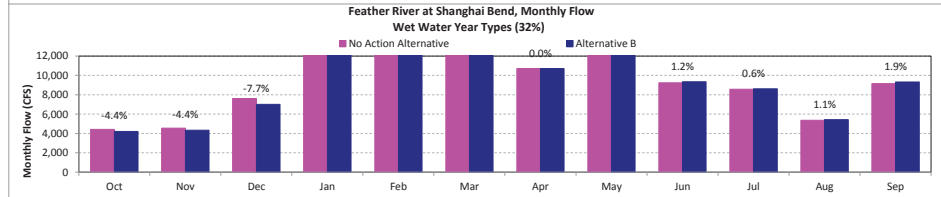
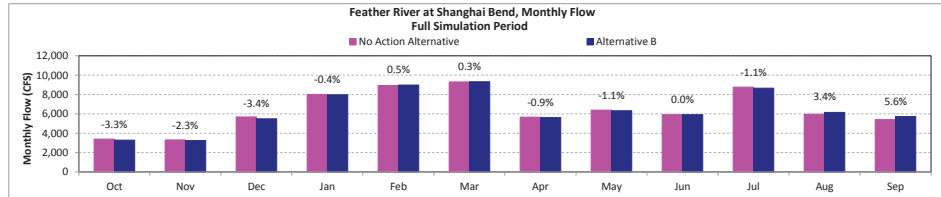


Figure SW-46-5b
Feather River at Shanghai Bend, Monthly Flow
Probability of Exceedance

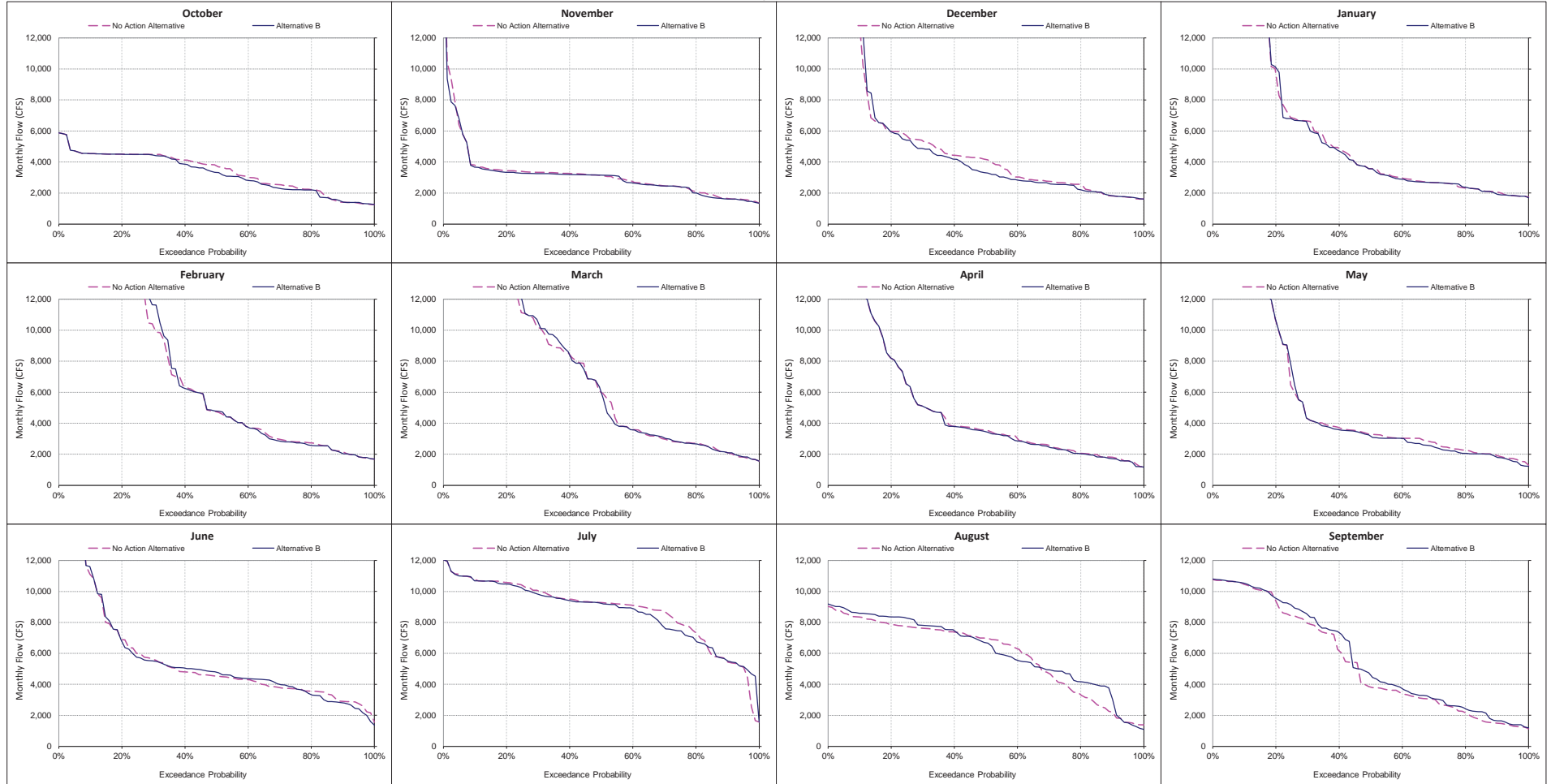


Table SW-47-5a
American River at Mouth, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period¹												
No Action Alternative	1,353	2,652	3,188	4,292	4,970	3,571	3,051	3,223	3,236	3,347	2,234	2,472
Alternative B	1,460	2,679	3,255	4,352	4,956	3,609	3,087	3,256	3,171	3,083	2,309	2,351
Difference	107	26	67	61	-13	38	36	34	-65	-264	74	-121
Percent Difference ³	7.9%	1.0%	2.1%	1.4%	-0.3%	1.1%	1.2%	1.0%	-2.0%	-7.9%	3.3%	-4.9%
Water Year Types²												
Wet (32%)												
No Action Alternative	1,470	3,808	3,520	8,553	8,988	5,915	4,997	5,711	5,462	3,580	2,993	4,075
Alternative B	1,674	3,839	3,540	8,620	8,990	5,915	4,997	5,711	5,460	3,466	3,100	3,743
Difference	204	31	21	67	1	-1	0	0	-2	-114	108	-332
Percent Difference	13.9%	0.8%	0.6%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	-3.2%	3.6%	-8.1%
Above Normal (15%)												
No Action Alternative	1,377	2,651	2,832	4,475	6,135	5,219	3,238	3,411	2,957	4,121	2,355	2,876
Alternative B	1,377	2,635	2,945	4,552	6,144	5,233	3,239	3,411	2,971	3,975	2,403	2,706
Difference	0	-16	112	77	9	14	1	0	13	-146	48	-170
Percent Difference	0.0%	-0.6%	4.0%	1.7%	0.1%	0.3%	0.0%	0.0%	0.5%	-3.5%	2.0%	-5.9%
Below Normal (17%)												
No Action Alternative	1,523	3,262	3,892	2,189	4,063	2,272	2,784	2,556	2,350	4,547	2,116	1,855
Alternative B	1,566	3,315	3,930	2,277	3,918	2,275	2,871	2,615	2,365	3,844	2,345	2,067
Difference	43	53	37	88	-145	3	87	59	15	-703	229	212
Percent Difference	2.8%	1.6%	1.0%	4.0%	-3.6%	0.1%	3.1%	2.3%	0.6%	-15.5%	10.8%	11.4%
Dry (22%)												
No Action Alternative	1,300	1,686	3,952	1,623	1,682	1,920	1,697	1,483	2,095	2,971	2,044	1,391
Alternative B	1,347	1,757	4,132	1,554	1,727	2,060	1,645	1,521	1,998	2,647	1,978	1,395
Difference	47	71	180	-69	45	141	-52	38	-97	-324	-66	4
Percent Difference	3.6%	4.2%	4.5%	-4.2%	2.7%	7.3%	-3.0%	2.6%	-4.6%	-10.9%	-3.2%	0.3%
Critical (15%)												
No Action Alternative	960	888	857	1,333	1,085	835	994	1,030	1,434	1,234	894	936
Alternative B	1,127	849	843	1,524	1,086	865	1,212	1,134	1,108	1,127	951	748
Difference	167	-40	-14	191	0	31	219	104	-325	-107	58	-187
Percent Difference	17.4%	-4.5%	-1.7%	14.4%	0.0%	3.7%	22.0%	10.0%	-22.7%	-8.7%	6.5%	-20.0%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

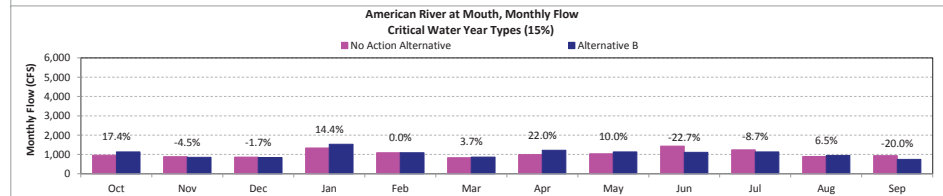
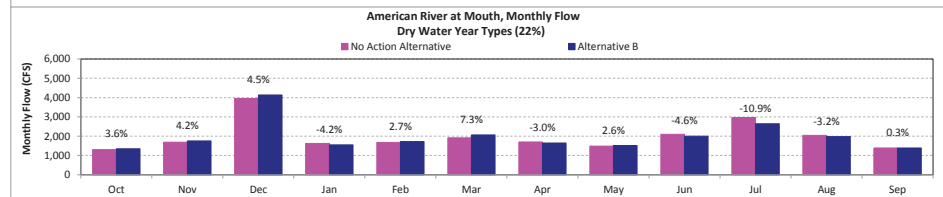
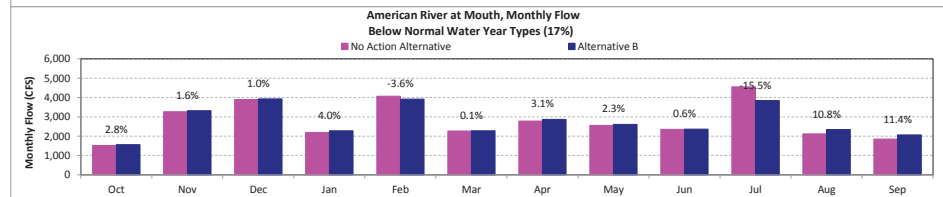
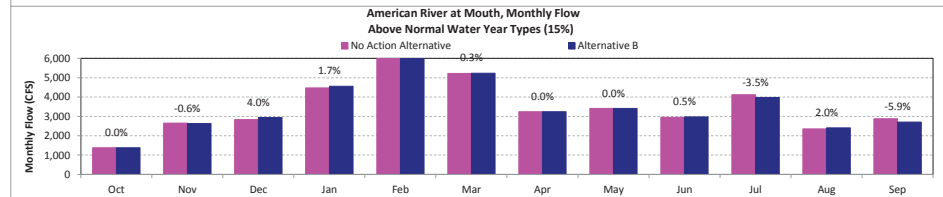
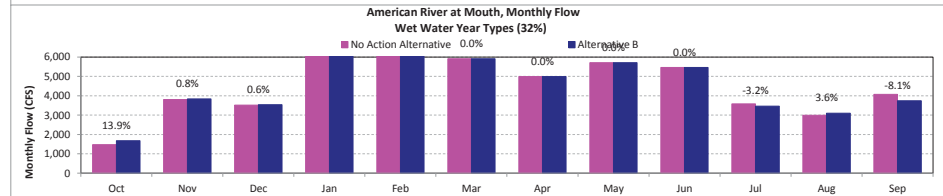
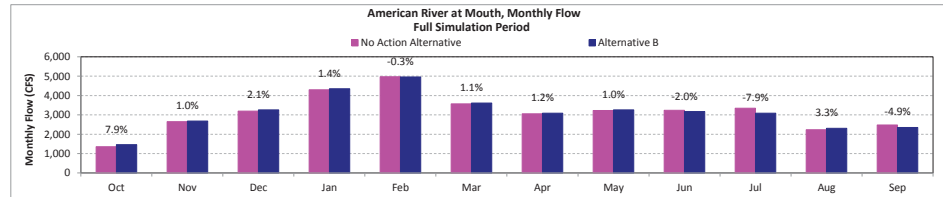


Figure SW-47-5b
American River at Mouth, Monthly Flow
Probability of Exceedance

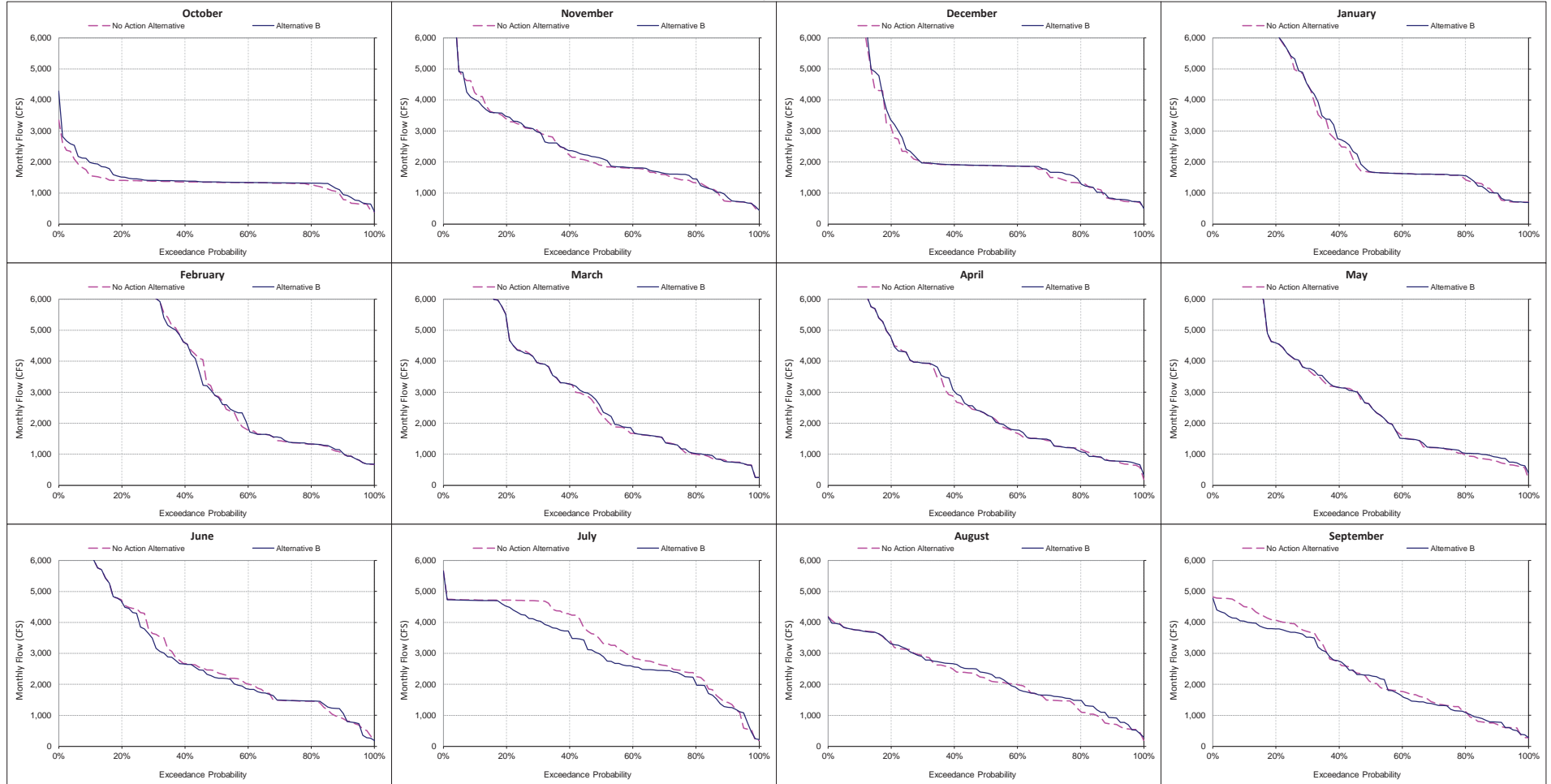


Table SW-53.5a
Sacramento River at Bend Bridge, Monthly Stage
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Stage (FT)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	3	4	5	6	7	6	4	4	5	6	5	4
Alternative B	3	4	5	6	7	6	4	4	5	6	5	4
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference ³	0.7%	3.0%	7.2%	2.7%	3.3%	-1.7%	-5.5%	-4.5%	-4.0%	-0.7%	-1.5%	-1.1%
Water Year Types²												
Wet (32%)												
No Action Alternative	3	5	5	10	11	10	6	5	5	6	5	6
Alternative B	4	5	5	11	11	10	6	5	5	6	5	5
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	3.0%	-1.0%	8.1%	1.6%	1.5%	-0.4%	-1.6%	0.0%	1.0%	-0.4%	-1.7%	-3.2%
Above Normal (15%)												
No Action Alternative	3	4	5	7	9	7	4	4	5	6	5	4
Alternative B	3	4	5	7	9	7	4	4	5	6	5	3
Difference	0	0	1	0	0	0	0	0	0	0	0	0
Percent Difference	3.3%	3.4%	10.1%	-1.9%	1.9%	-2.2%	-2.3%	0.1%	-5.2%	-0.1%	-3.5%	-6.8%
Below Normal (17%)												
No Action Alternative	3	3	5	4	5	4	4	4	5	6	4	2
Alternative B	3	3	6	4	5	4	3	3	5	6	4	2
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	8.0%	8.8%	7.6%	4.6%	6.2%	-4.9%	-5.6%	-8.6%	-7.5%	-0.5%	-3.0%	3.6%
Dry (22%)												
No Action Alternative	3	3	5	3	4	4	3	4	5	6	5	2
Alternative B	3	3	5	3	4	3	3	3	5	6	5	2
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	-9.8%	9.0%	5.8%	12.1%	9.0%	-4.3%	-13.3%	-9.4%	-8.5%	0.3%	-2.5%	-0.4%
Critical (15%)												
No Action Alternative	2	2	3	3	3	2	3	3	5	6	4	2
Alternative B	2	2	3	3	3	2	3	3	5	5	4	3
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	-0.3%	0.2%	0.7%	5.4%	5.2%	-0.2%	-15.0%	-13.4%	-3.2%	-3.6%	4.8%	12.1%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

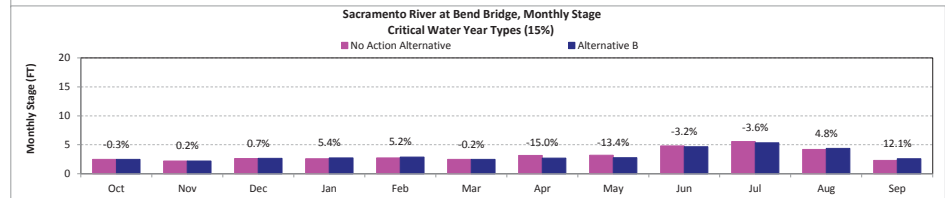
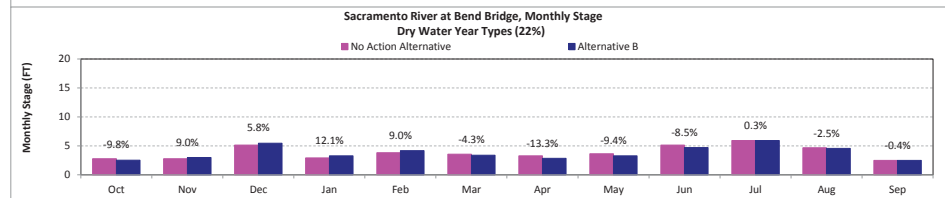
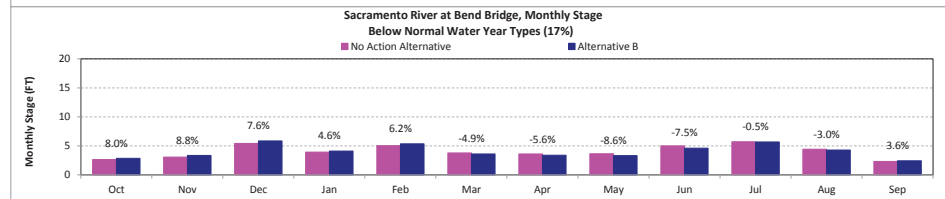
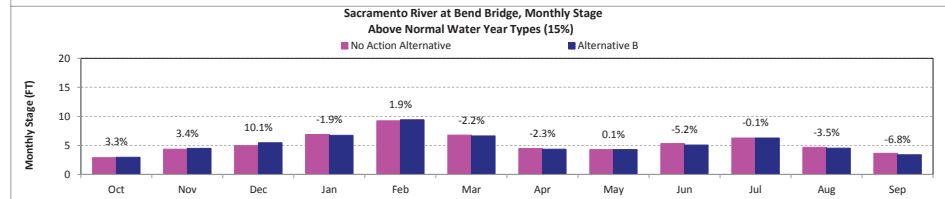
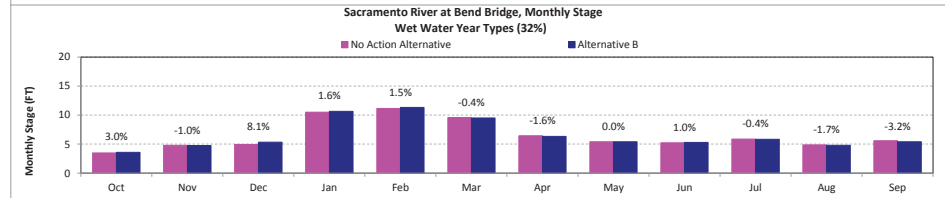
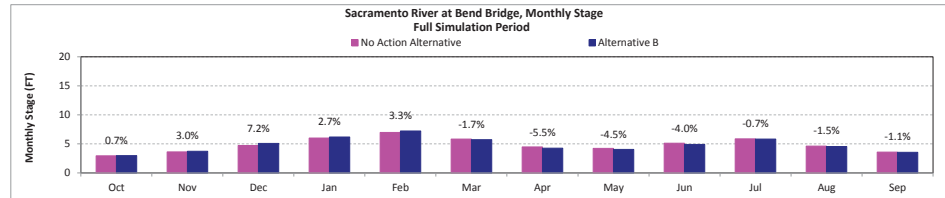


Figure SW-53-5b
Sacramento River at Bend Bridge, Monthly Stage
Probability of Exceedance

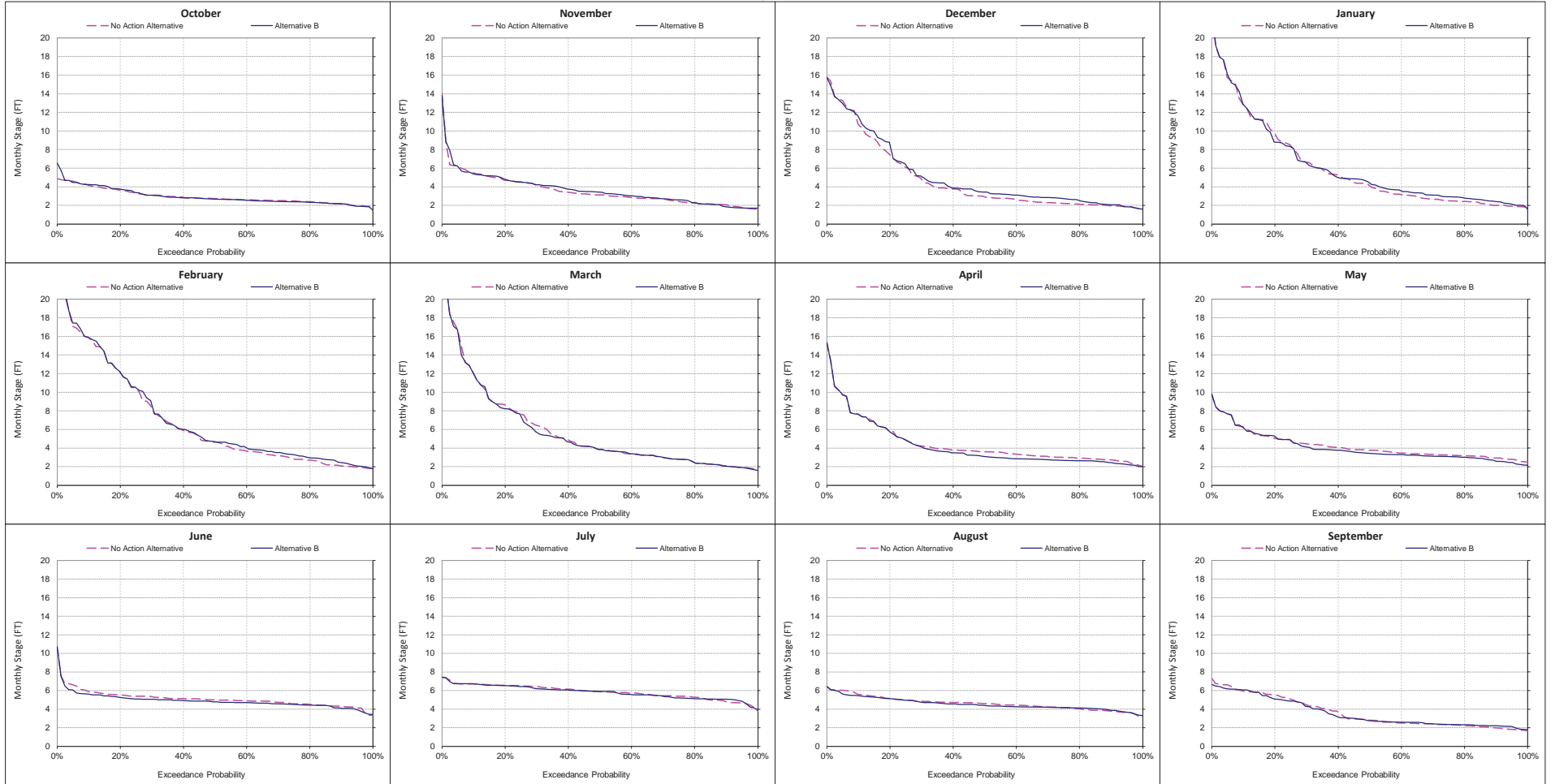


Table SW-54-5a
Sacramento River below Hamilton City, Monthly Stage
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Stage (FT)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	29	30	31	32	33	32	30	30	30	30	30	30
Alternative B	29	30	31	32	32	31	30	30	30	31	30	30
Difference	0	0	0	0	0	-1	0	0	0	0	0	0
Percent Difference ³	0.0%	0.1%	-0.1%	-0.7%	-0.8%	-1.9%	-1.1%	-0.7%	-0.1%	0.4%	-0.2%	0.1%
Water Year Types²												
Wet (32%)												
No Action Alternative	30	31	31	35	35	34	32	31	30	30	30	31
Alternative B	30	31	31	34	35	34	31	31	30	31	30	31
Difference	0	0	0	0	0	-1	0	0	0	0	0	0
Percent Difference	0.4%	-0.1%	-0.2%	-0.8%	-0.8%	-1.6%	-1.1%	-0.6%	0.3%	0.5%	-0.5%	-0.1%
Above Normal (15%)												
No Action Alternative	29	31	31	32	34	32	30	30	30	31	30	30
Alternative B	29	31	31	32	34	32	30	30	30	31	30	30
Difference	0	0	0	0	0	-1	0	0	0	0	0	0
Percent Difference	-0.1%	0.2%	-0.2%	-1.5%	-1.2%	-2.6%	-1.3%	-0.9%	-0.3%	0.8%	-0.2%	-0.4%
Below Normal (17%)												
No Action Alternative	29	30	31	31	31	31	30	30	30	30	30	29
Alternative B	29	30	31	30	31	30	29	29	29	30	31	30
Difference	0	0	0	0	0	-1	0	0	0	0	0	0
Percent Difference	0.5%	0.5%	0.1%	-1.0%	-0.7%	-2.6%	-1.1%	-0.9%	-0.4%	0.6%	-0.3%	0.3%
Dry (22%)												
No Action Alternative	29	30	31	30	31	30	30	30	30	31	30	29
Alternative B	29	30	31	30	30	30	29	29	29	30	31	30
Difference	0	0	0	0	0	-1	0	0	0	0	0	0
Percent Difference	-0.6%	0.3%	0.1%	-0.2%	-0.6%	-2.0%	-1.2%	-0.6%	-0.4%	0.3%	-0.2%	0.1%
Critical (15%)												
No Action Alternative	29	29	30	30	30	30	29	29	29	30	30	29
Alternative B	29	29	29	30	30	29	29	29	29	30	30	29
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	-0.1%	0.0%	-0.6%	-0.2%	-0.5%	-1.0%	-0.9%	-0.9%	0.0%	-0.2%	0.4%	0.7%

¹ Based on the 82-year simulation period
² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)
³ Relative difference of the monthly average

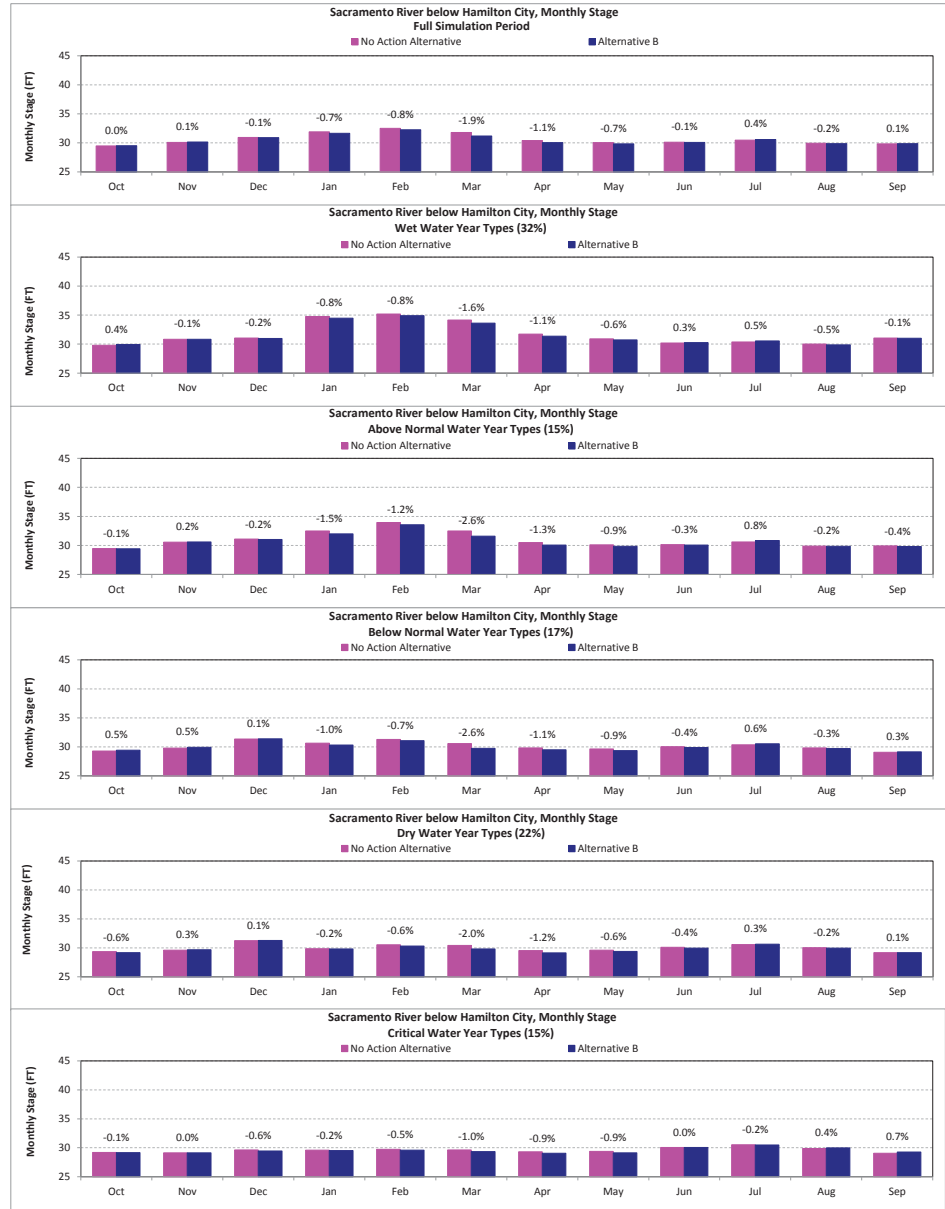


Figure SW-54-5b
Sacramento River below Hamilton City, Monthly Stage
Probability of Exceedance

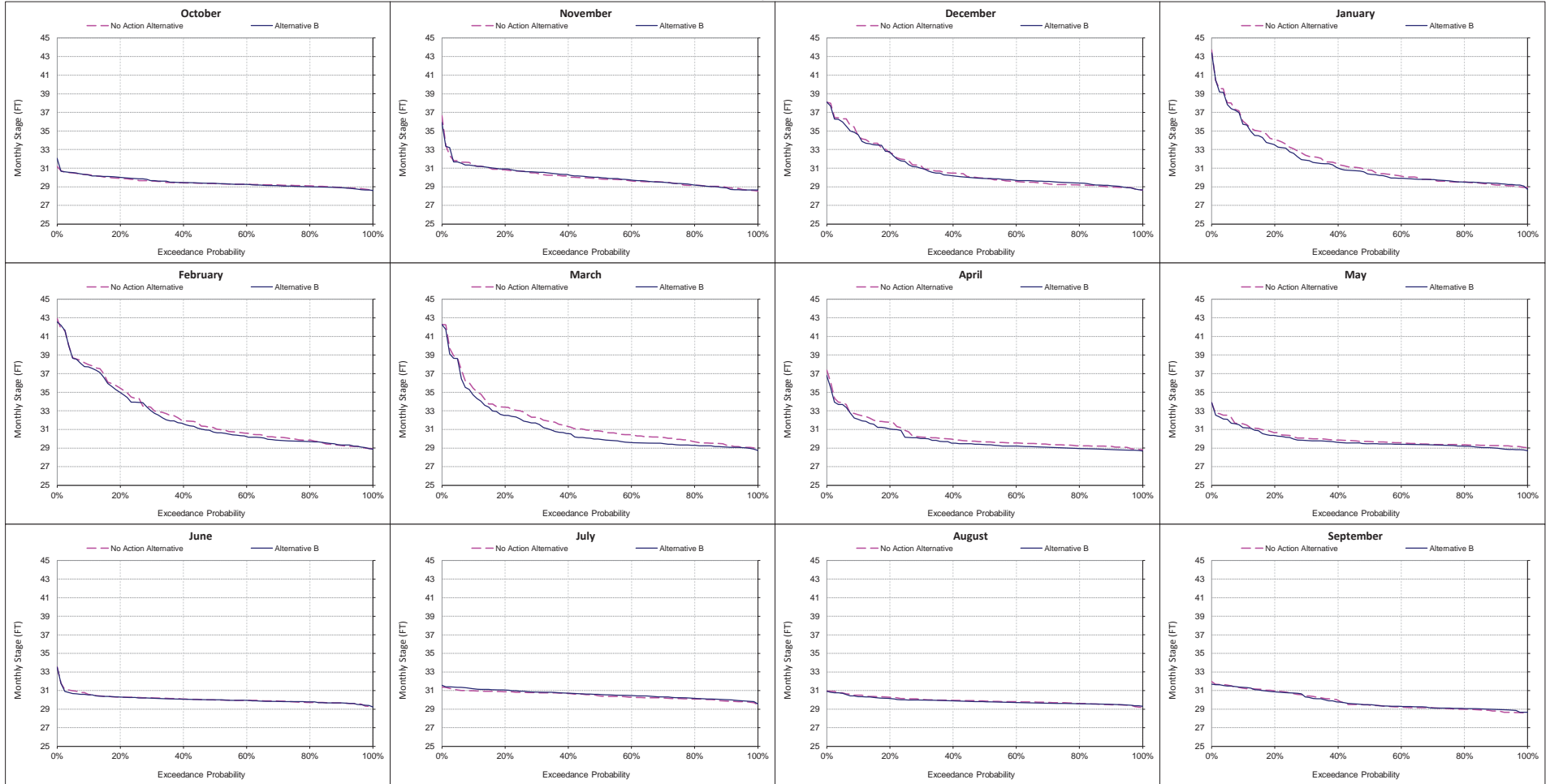


Table SW-54-5b
Sacramento River below Hamilton City, Monthly Stage
Probability of Exceedance

Table with 5 columns: Percent Exceedance Probability, No Action Alternative Monthly Stage (FT), Alternative B Monthly Stage (FT), Absolute Difference (FT), and Relative Difference (%). Rows range from 0.0% to 100.0% probability.

Table with 5 columns: Percent Exceedance Probability, No Action Alternative Monthly Stage (FT), Alternative B Monthly Stage (FT), Absolute Difference (FT), and Relative Difference (%). Rows range from 0.0% to 100.0% probability.

Table with 5 columns: Percent Exceedance Probability, No Action Alternative Monthly Stage (FT), Alternative B Monthly Stage (FT), Absolute Difference (FT), and Relative Difference (%). Rows range from 0.0% to 100.0% probability.

Table with 5 columns: Percent Exceedance Probability, No Action Alternative Monthly Stage (FT), Alternative B Monthly Stage (FT), Absolute Difference (FT), and Relative Difference (%). Rows range from 0.0% to 100.0% probability.

Table SW-56-5a
Sacramento River at Wilkins Slough, Monthly Stage
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Stage (FT)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	29	32	34	37	38	37	32	30	29	30	29	31
Alternative B	30	33	34	36	38	36	31	30	29	31	29	32
Difference	1	1	0	0	0	-1	0	0	1	2	1	1
Percent Difference ³	2.9%	3.1%	0.3%	-0.9%	-0.9%	-3.9%	-1.2%	-0.5%	2.2%	5.1%	2.1%	3.5%
Water Year Types²												
Wet (32%)												
No Action Alternative	30	34	35	42	42	41	36	33	30	30	29	35
Alternative B	32	35	35	41	42	40	36	33	30	31	29	37
Difference	1	1	0	0	0	-1	0	0	1	1	0	1
Percent Difference	4.8%	2.9%	0.6%	-0.5%	-0.7%	-2.1%	-1.3%	-1.3%	2.3%	4.2%	0.1%	3.0%
Above Normal (15%)												
No Action Alternative	29	32	35	39	42	40	33	30	29	30	29	31
Alternative B	30	34	35	39	41	39	32	30	29	32	29	32
Difference	1	2	0	0	-1	-2	-1	-1	0	2	1	1
Percent Difference	2.8%	5.0%	0.0%	-1.2%	-1.8%	-4.3%	-2.6%	-2.0%	0.6%	6.8%	1.9%	2.8%
Below Normal (17%)												
No Action Alternative	29	31	36	36	37	35	30	28	28	29	28	28
Alternative B	30	32	36	35	37	32	30	28	29	31	29	29
Difference	1	1	0	-1	0	-3	0	0	0	2	0	1
Percent Difference	3.5%	3.3%	0.9%	-2.7%	-0.9%	-7.9%	-1.3%	-0.7%	0.9%	6.4%	1.8%	3.5%
Dry (22%)												
No Action Alternative	29	30	34	32	35	35	28	27	28	30	29	28
Alternative B	29	31	35	32	34	33	28	28	29	32	30	30
Difference	0	1	0	0	0	-2	0	0	1	2	1	1
Percent Difference	0.9%	3.1%	0.6%	0.1%	-0.8%	-4.8%	-1.1%	1.5%	2.5%	5.6%	4.2%	4.4%
Critical (15%)												
No Action Alternative	28	28	31	31	32	31	27	27	28	30	29	28
Alternative B	28	28	30	31	31	31	27	27	30	31	30	29
Difference	0	0	-1	0	0	-1	0	0	1	1	1	1
Percent Difference	1.1%	0.9%	-1.8%	-0.7%	-0.8%	-1.8%	0.5%	0.5%	4.9%	3.0%	4.1%	4.6%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

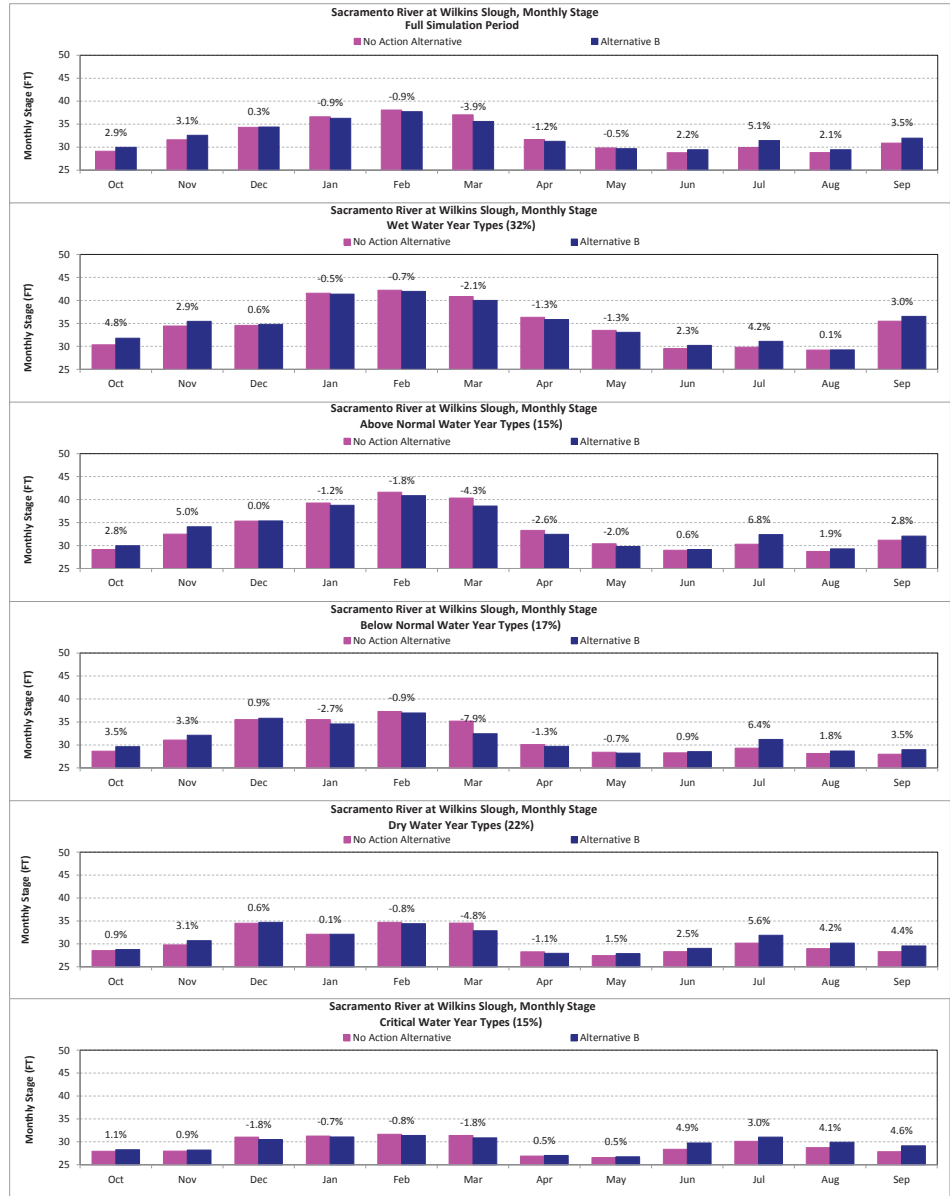


Figure SW-56-5b
Sacramento River at Wilkins Slough, Monthly Stage
Probability of Exceedance

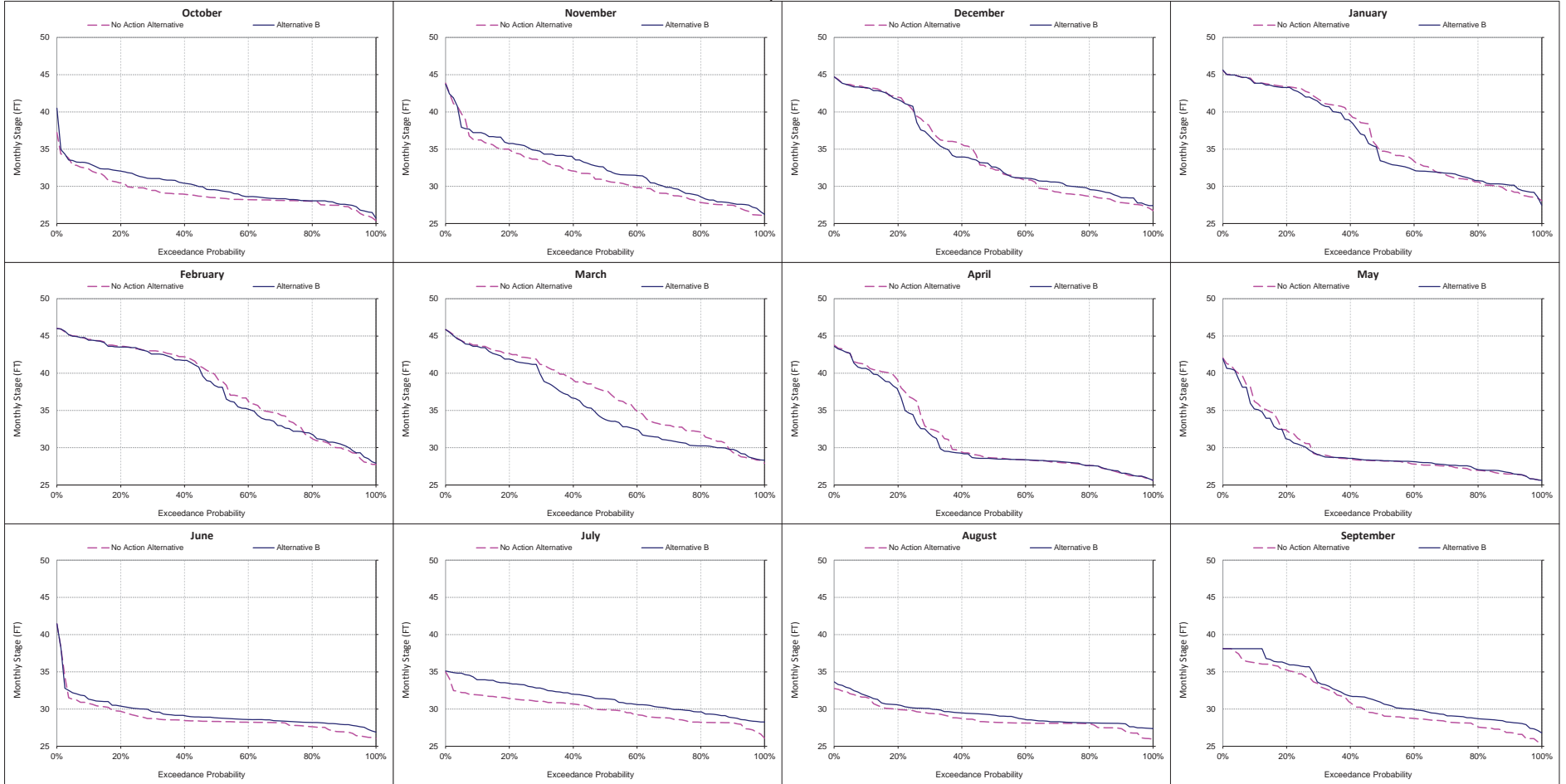


Table SW-57-5a
Feather River near Gridley, Monthly Stage
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Stage (FT)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	74	74	75	75	75	76	74	75	75	77	76	75
Alternative B	74	74	74	75	75	76	74	74	75	77	76	76
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference ³	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.2%	0.2%
Water Year Types²												
Wet (32%)												
No Action Alternative	75	75	76	77	78	78	76	76	76	76	75	77
Alternative B	75	75	75	77	78	78	76	76	76	76	75	77
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	-0.2%	-0.1%	-0.4%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.2%	0.1%
Above Normal (15%)												
No Action Alternative	75	74	75	75	75	76	74	74	75	77	76	77
Alternative B	75	74	74	74	75	77	74	74	75	77	76	77
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	0.0%	0.0%	-0.5%	-0.1%	0.0%	0.2%	0.0%	0.1%	0.5%	0.0%	-0.1%	0.2%
Below Normal (17%)												
No Action Alternative	74	74	74	74	74	74	73	73	74	77	76	74
Alternative B	74	74	74	73	74	74	73	73	75	77	76	74
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	-0.2%	0.0%	0.4%	-0.1%	0.4%	0.0%	-0.1%	-0.2%	-0.4%	-0.3%	-0.1%	0.5%
Dry (22%)												
No Action Alternative	74	73	74	73	74	74	73	74	75	77	76	74
Alternative B	74	73	74	73	74	74	73	73	75	77	76	74
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	-0.2%	-0.1%	-0.1%	-0.1%	-0.1%	-0.2%	-0.1%	-0.4%	-0.3%	-0.1%	0.5%	0.5%
Critical (15%)												
No Action Alternative	73	73	73	73	73	73	73	74	74	76	74	74
Alternative B	73	73	74	73	73	73	73	74	74	76	74	74
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	0.1%	-0.1%	0.1%	0.0%	-0.1%	0.1%	-0.3%	-0.2%	-0.4%	-0.1%	0.4%	0.5%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

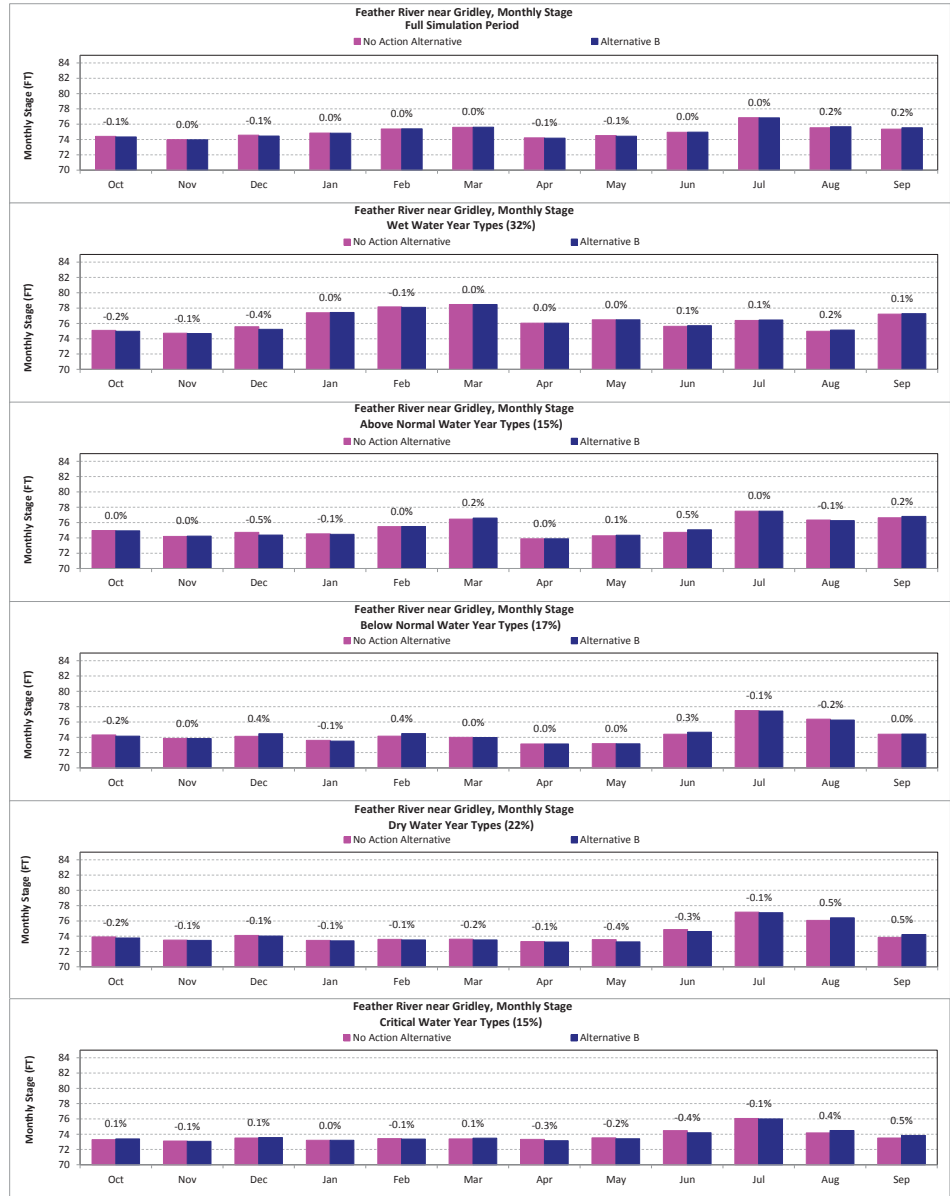


Figure SW-57-5b
Feather River near Gridley, Monthly Stage
Probability of Exceedance

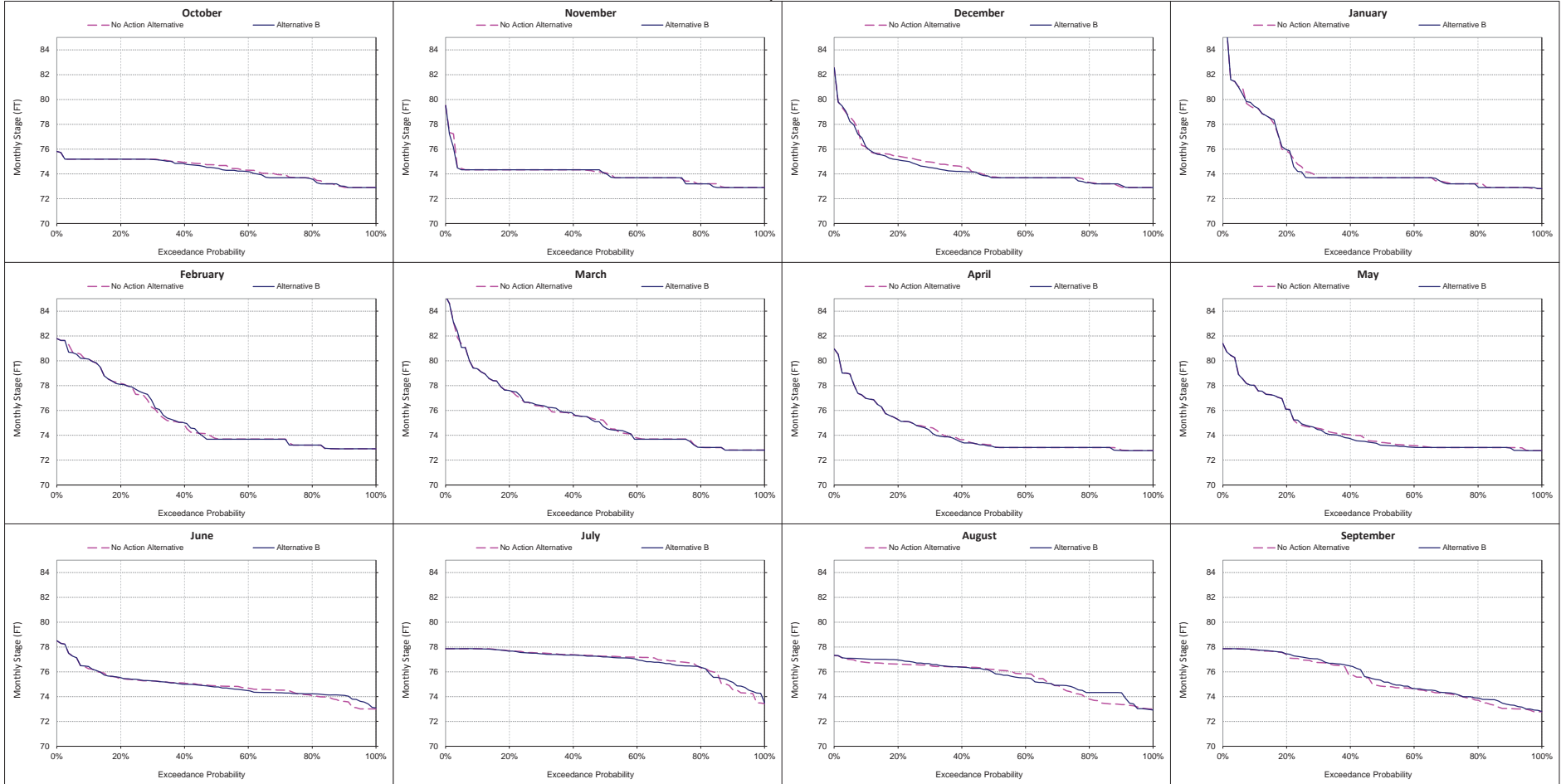


Table SW-58-5a
American River at Fair Oaks, Monthly Stage
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Stage (FT)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	5	5	6	6	7	6	6	6	6	6	5	5
Alternative B	5	5	6	6	7	6	6	6	6	6	5	5
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference ²	2.2%	0.6%	0.9%	0.7%	0.0%	0.5%	0.5%	0.6%	-0.8%	-2.9%	1.3%	-1.4%
Water Year Types²												
Wet (32%)												
No Action Alternative	5	6	6	9	9	7	7	7	7	6	6	7
Alternative B	5	6	6	9	9	7	7	7	7	6	6	6
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	3.7%	0.5%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	-0.1%	-1.1%	1.5%	-3.1%
Above Normal (15%)												
No Action Alternative	5	6	6	6	8	7	6	6	6	7	6	6
Alternative B	5	6	6	6	8	7	6	6	6	7	6	6
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	-0.1%	-0.2%	1.4%	1.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-1.4%	0.6%	-1.9%
Below Normal (17%)												
No Action Alternative	5	6	6	5	6	5	6	6	5	7	5	5
Alternative B	5	6	6	5	6	5	6	6	5	7	5	5
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	0.5%	1.0%	0.4%	1.6%	-1.4%	0.0%	1.0%	1.3%	0.4%	-6.6%	3.4%	3.4%
Dry (22%)												
No Action Alternative	4	5	6	5	5	5	5	5	5	6	5	5
Alternative B	5	5	6	5	5	5	5	5	5	6	5	5
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	1.1%	1.8%	2.5%	-1.5%	1.2%	2.0%	-0.7%	1.1%	-1.2%	-4.2%	-0.3%	0.2%
Critical (15%)												
No Action Alternative	4	4	4	4	4	4	4	4	5	4	4	4
Alternative B	4	4	4	5	4	4	4	4	4	4	4	4
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	4.6%	-0.8%	-0.4%	3.6%	0.1%	0.9%	4.5%	2.3%	-5.4%	-0.9%	1.6%	-4.2%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

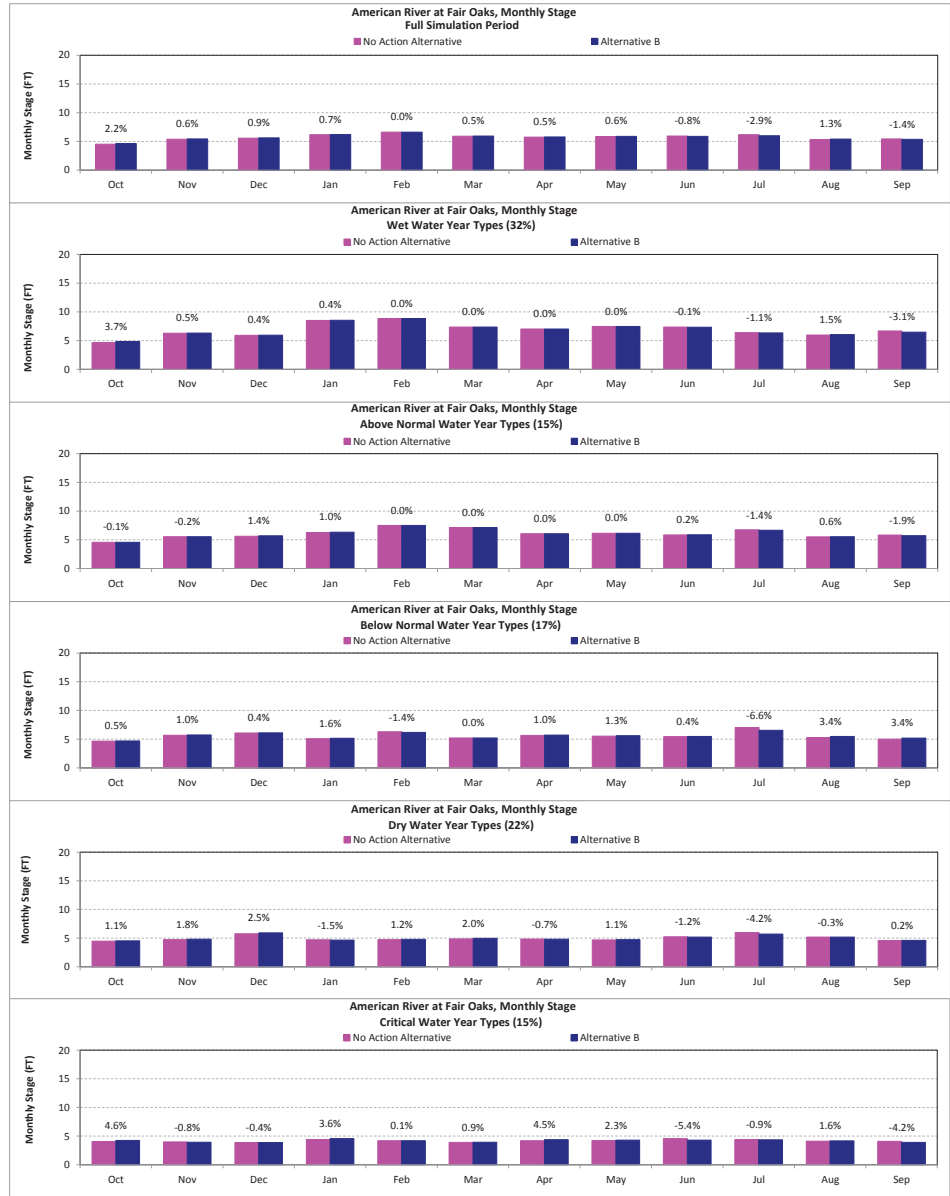
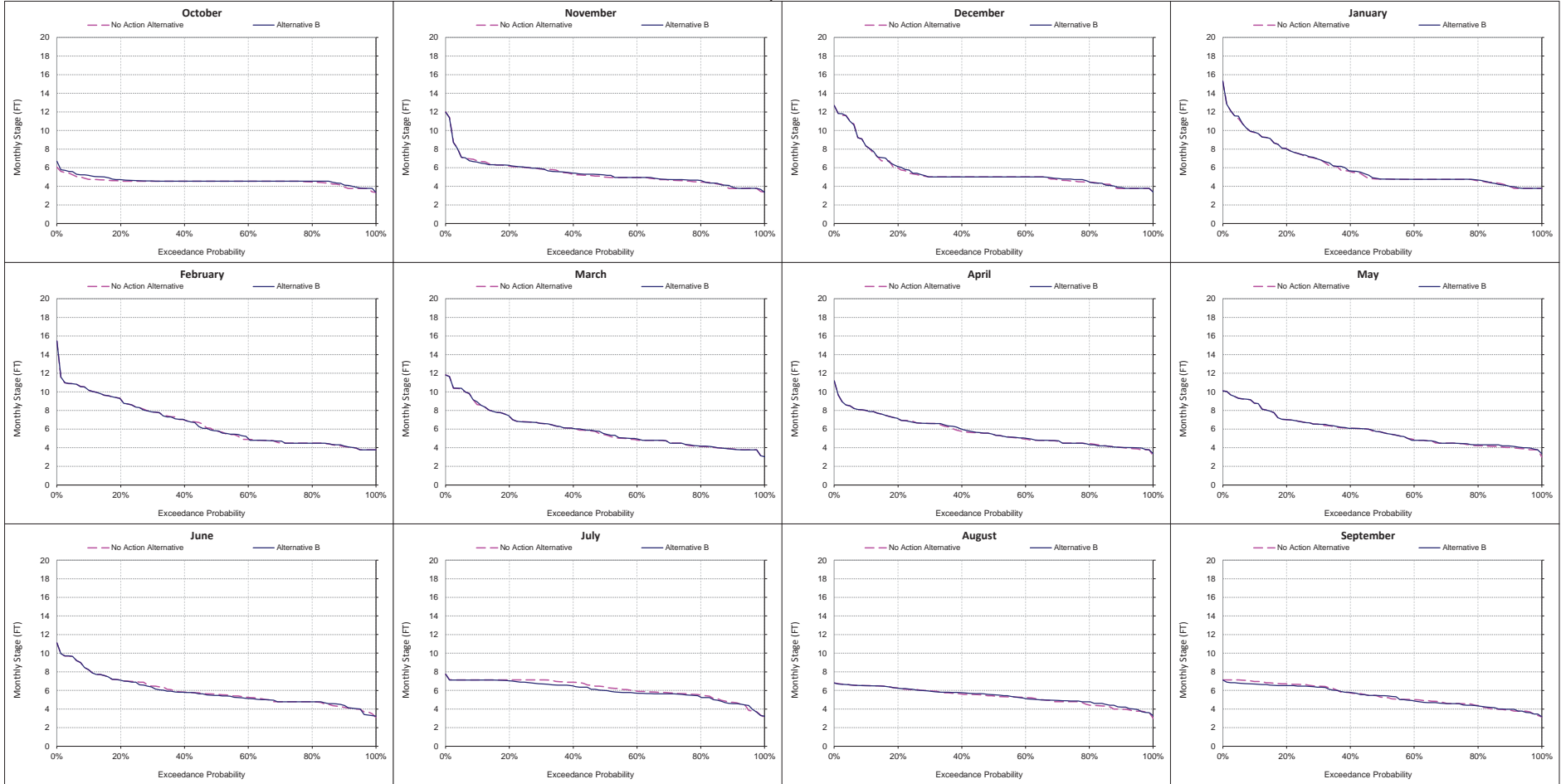


Figure SW-58-5b
 American River at Fair Oaks, Monthly Stage
 Probability of Exceedance



Alternative C Compared to No Action Alternative

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Table SW-01-7a
Trinity Lake, End of Month Storage

Analysis Period	End of Month Storage (TAF)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term Average and Average by Water Year Type												
Long-term												
Full Simulation Period¹												
No Action Alternative	1,305	1,315	1,367	1,431	1,541	1,665	1,816	1,810	1,774	1,636	1,495	1,374
Alternative C	1,361	1,373	1,422	1,480	1,587	1,707	1,855	1,851	1,814	1,680	1,546	1,424
Difference	56	58	55	49	47	42	40	40	40	44	51	51
Percent Difference ²	4.3%	4.4%	4.0%	3.4%	3.0%	2.5%	2.2%	2.2%	2.2%	2.7%	3.4%	3.7%
Water Year Types²												
Wet (32%)												
No Action Alternative	1,736	1,745	1,761	1,749	1,911	2,051	2,229	2,264	2,241	2,114	1,994	1,845
Alternative C	1,752	1,761	1,775	1,776	1,933	2,063	2,239	2,274	2,251	2,123	2,003	1,856
Difference	16	16	15	27	22	12	10	10	10	9	9	11
Percent Difference	0.9%	0.9%	0.8%	1.6%	1.2%	0.6%	0.4%	0.4%	0.4%	0.4%	0.4%	0.6%
Above Normal (15%)												
No Action Alternative	1,535	1,530	1,557	1,518	1,667	1,837	2,007	2,012	1,984	1,860	1,722	1,584
Alternative C	1,608	1,609	1,637	1,607	1,760	1,929	2,099	2,103	2,071	1,945	1,809	1,669
Difference	73	80	80	89	93	92	91	87	85	85	87	85
Percent Difference	4.8%	5.2%	5.1%	5.9%	5.6%	5.0%	4.6%	4.5%	4.4%	4.6%	5.1%	5.4%
Below Normal (17%)												
No Action Alternative	1,222	1,254	1,338	1,325	1,399	1,496	1,672	1,656	1,609	1,479	1,344	1,241
Alternative C	1,263	1,293	1,370	1,371	1,443	1,539	1,713	1,697	1,649	1,524	1,393	1,287
Difference	41	39	33	46	44	43	41	41	40	45	48	46
Percent Difference	3.3%	3.1%	2.4%	3.5%	3.2%	2.8%	2.4%	2.4%	2.5%	3.0%	3.6%	3.7%
Dry (22%)												
No Action Alternative	1,068	1,078	1,186	1,334	1,414	1,542	1,680	1,630	1,571	1,411	1,243	1,132
Alternative C	1,136	1,150	1,255	1,375	1,453	1,575	1,710	1,665	1,606	1,452	1,303	1,191
Difference	68	71	69	41	39	32	30	34	35	40	60	58
Percent Difference	6.3%	6.6%	5.8%	3.1%	2.7%	2.1%	1.8%	2.1%	2.2%	2.9%	4.8%	5.1%
Critical (15%)												
No Action Alternative	585	586	629	924	966	1,039	1,099	1,076	1,050	893	741	658
Alternative C	720	723	753	995	1,036	1,105	1,165	1,140	1,114	979	835	753
Difference	125	127	124	70	69	66	66	64	65	85	95	95
Percent Difference	21.0%	21.3%	19.7%	7.6%	7.2%	6.4%	6.0%	6.0%	6.2%	9.6%	12.8%	14.5%

¹ Based on the 82-year simulation period
² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)
³ Relative difference of the monthly average

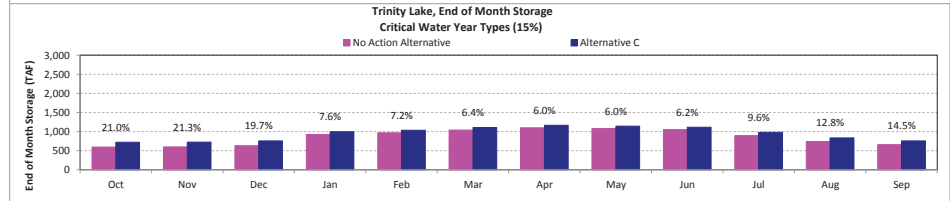
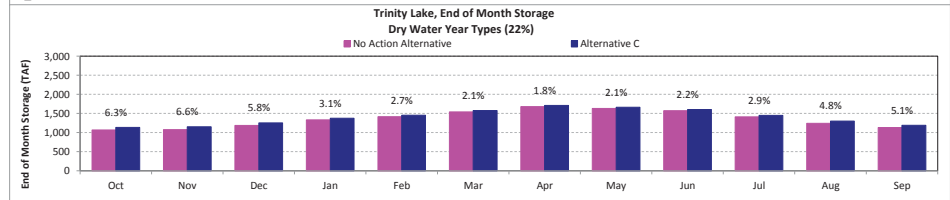
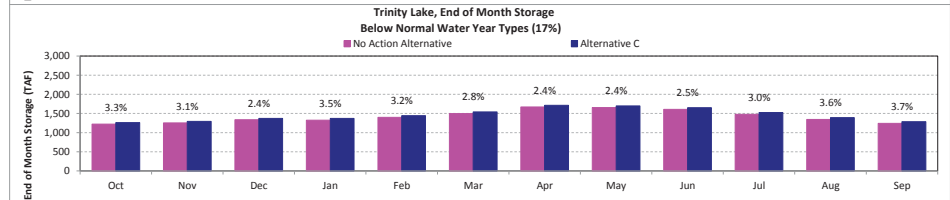
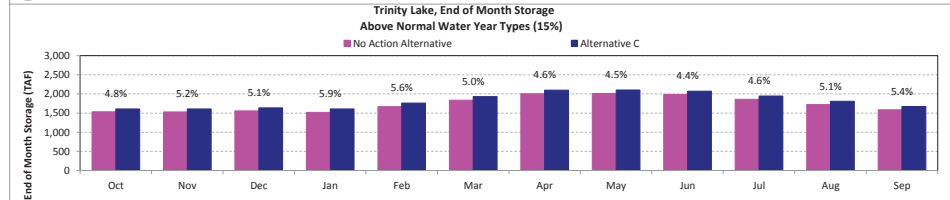
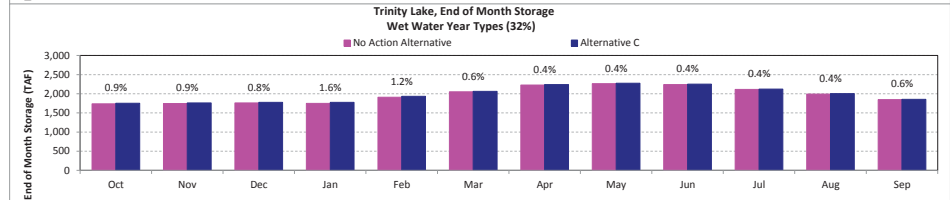
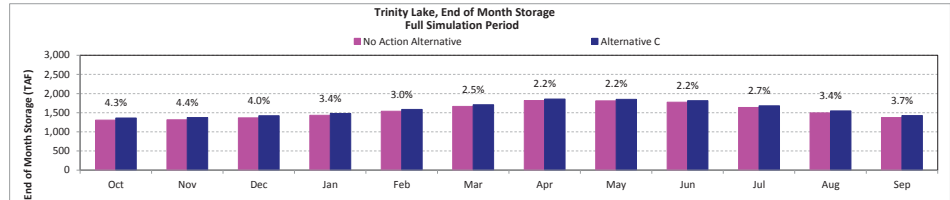


Figure SW-01-7b
Trinity Lake, End of Month Storage
Probability of Exceedance

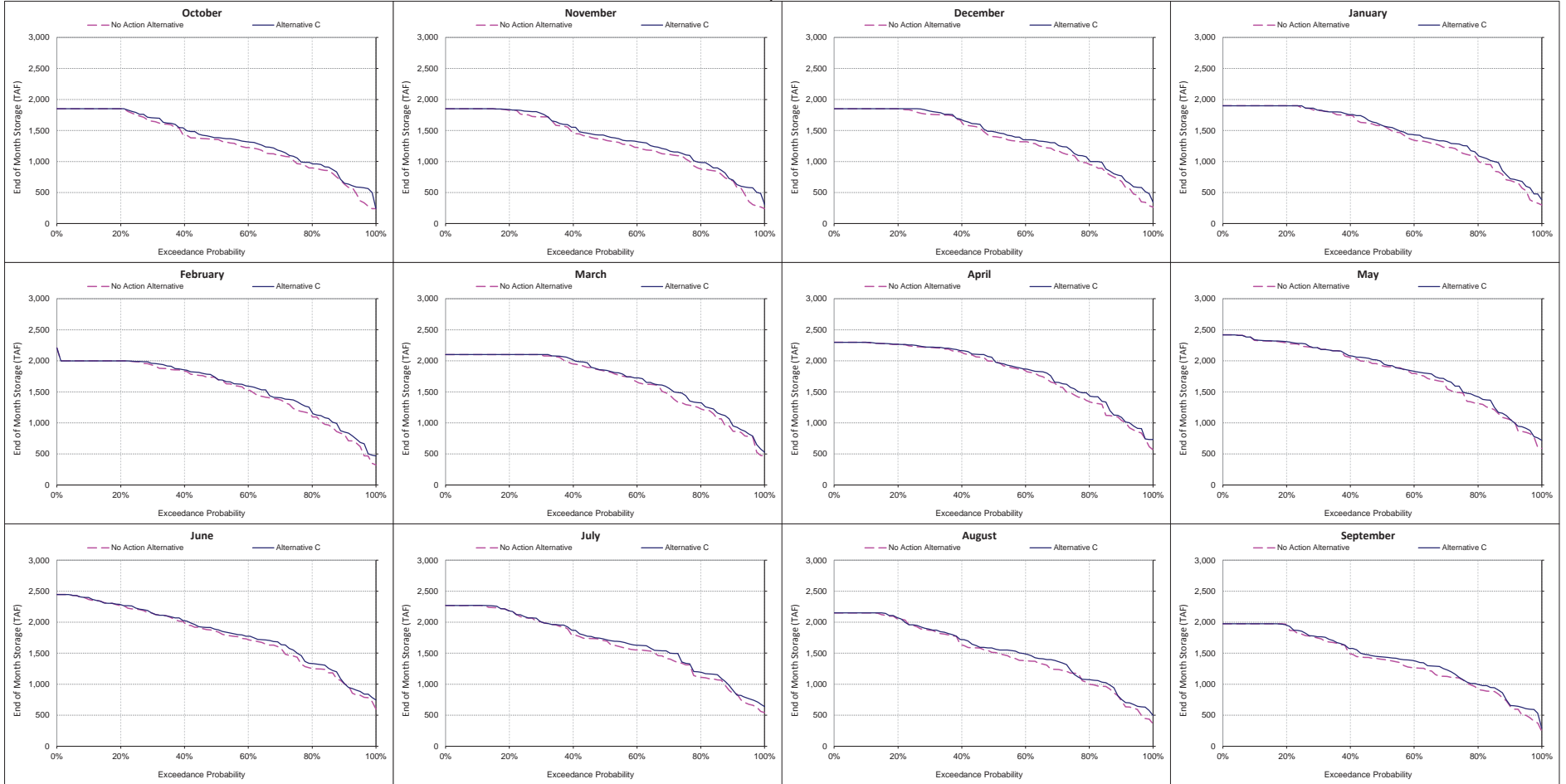


Table SW-02-7a
Trinity Lake, End of Month Elevation

Analysis Period	End of Month Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	2,278	2,280	2,285	2,292	2,302	2,313	2,325	2,324	2,321	2,310	2,297	2,286
Alternative C	2,286	2,287	2,292	2,297	2,307	2,317	2,328	2,328	2,325	2,314	2,302	2,292
Difference	7	8	7	6	5	4	4	4	4	4	5	6
Percent Difference ³	0.3%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%
Water Year Types²												
Wet (32%)												
No Action Alternative	2,322	2,323	2,325	2,324	2,337	2,347	2,357	2,359	2,358	2,350	2,342	2,332
Alternative C	2,324	2,325	2,326	2,326	2,339	2,348	2,358	2,360	2,358	2,350	2,343	2,333
Difference	1	1	1	2	2	1	1	1	1	1	1	1
Percent Difference	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal (15%)												
No Action Alternative	2,305	2,305	2,307	2,298	2,313	2,329	2,341	2,342	2,340	2,331	2,321	2,309
Alternative C	2,312	2,312	2,314	2,310	2,324	2,337	2,348	2,349	2,347	2,339	2,328	2,317
Difference	7	7	7	12	11	8	7	7	7	7	7	8
Percent Difference	0.3%	0.3%	0.3%	0.5%	0.5%	0.4%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%
Below Normal (17%)												
No Action Alternative	2,275	2,278	2,285	2,281	2,289	2,298	2,313	2,313	2,310	2,298	2,287	2,277
Alternative C	2,279	2,281	2,288	2,285	2,293	2,301	2,317	2,316	2,313	2,302	2,291	2,281
Difference	4	3	3	4	4	4	3	3	3	4	4	4
Percent Difference	0.2%	0.2%	0.1%	0.2%	0.2%	0.2%	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%
Dry (2%)												
No Action Alternative	2,260	2,261	2,270	2,283	2,291	2,304	2,316	2,312	2,307	2,293	2,277	2,266
Alternative C	2,267	2,269	2,278	2,288	2,296	2,308	2,319	2,315	2,311	2,297	2,283	2,273
Difference	8	8	8	5	5	4	3	3	4	4	6	6
Percent Difference	0.3%	0.4%	0.3%	0.2%	0.2%	0.1%	0.1%	0.2%	0.2%	0.3%	0.3%	0.3%
Critical (15%)												
No Action Alternative	2,189	2,190	2,198	2,240	2,246	2,255	2,263	2,260	2,258	2,239	2,218	2,203
Alternative C	2,214	2,216	2,221	2,249	2,254	2,263	2,270	2,267	2,265	2,250	2,232	2,220
Difference	25	26	23	9	9	8	7	7	7	11	14	17
Percent Difference	1.1%	1.2%	1.0%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%	0.5%	0.6%	0.8%

1 Based on the 82-year simulation period
 2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)
 3 Relative difference of the monthly average



Figure SW-02-7b
Trinity Lake, End of Month Elevation
Probability of Exceedance

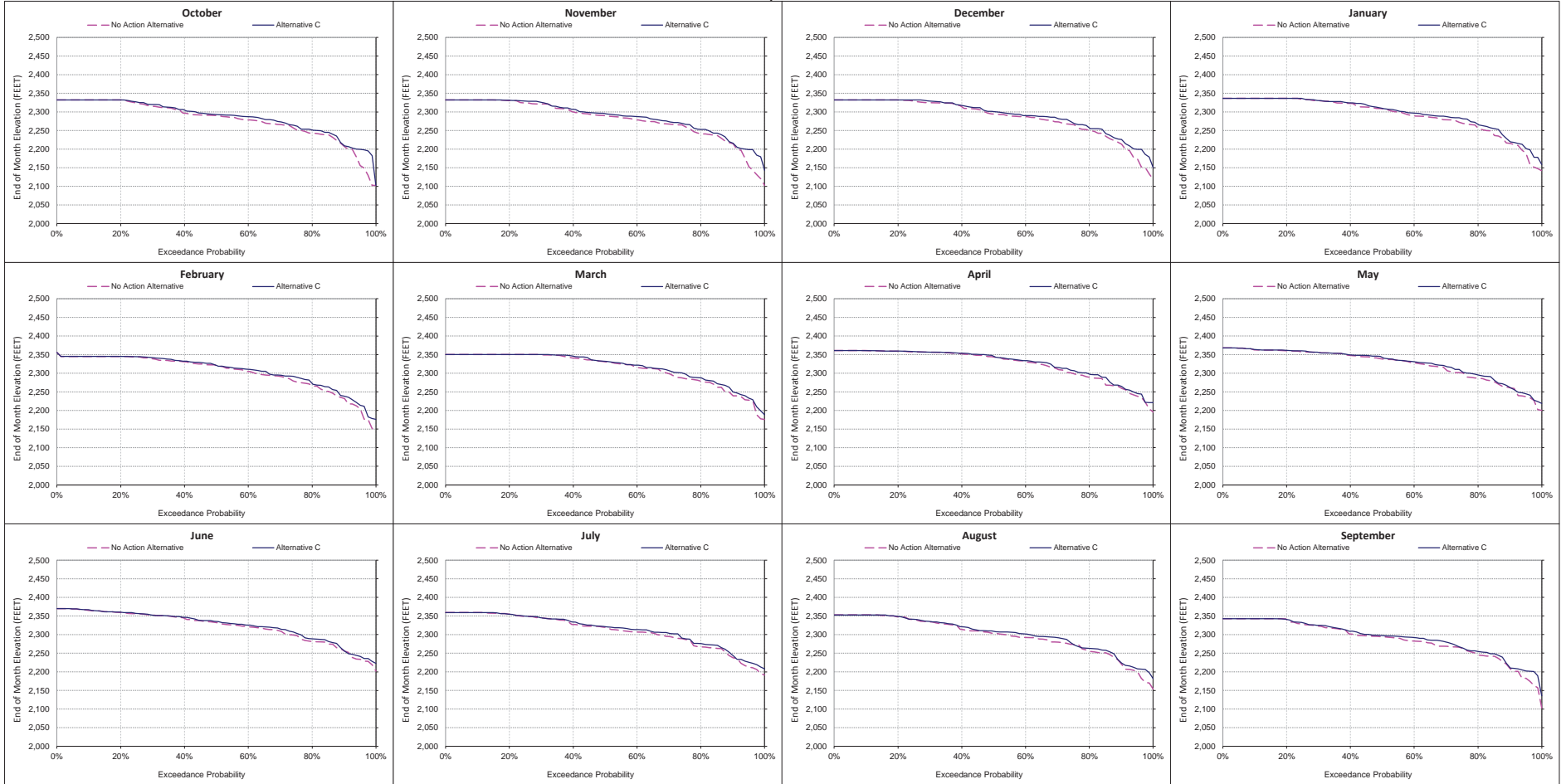


Table SW-03-7a

Trinity Lake, End of Month Area

Long-term Average and Average by Water Year Type

Analysis Period	End of Month Area (ACRE)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	10,581	10,636	10,934	11,292	11,868	12,506	13,219	13,188	13,021	12,336	11,594	10,955
Alternative C	10,943	11,009	11,284	11,594	12,148	12,743	13,431	13,400	13,232	12,583	11,898	11,273
Difference	362	373	350	302	280	237	212	211	211	248	304	317
Percent Difference ³	3.4%	3.5%	3.2%	2.7%	2.4%	1.9%	1.6%	1.6%	1.6%	2.0%	2.6%	2.9%
Water Year Types²												
Wet (32%)												
No Action Alternative	13,066	13,111	13,189	13,116	13,890	14,492	15,217	15,354	15,255	14,731	14,217	13,571
Alternative C	13,146	13,188	13,261	13,253	13,993	14,546	15,256	15,393	15,293	14,768	14,259	13,626
Difference	81	77	72	137	103	54	39	38	38	37	43	54
Percent Difference	0.6%	0.6%	0.5%	1.0%	0.7%	0.4%	0.3%	0.3%	0.2%	0.3%	0.3%	0.4%
Above Normal (15%)												
No Action Alternative	12,030	11,996	12,141	11,743	12,535	13,417	14,186	14,238	14,126	13,593	12,953	12,283
Alternative C	12,447	12,447	12,591	12,323	13,095	13,920	14,647	14,686	14,555	14,025	13,425	12,759
Difference	417	451	451	580	560	503	461	448	429	432	473	476
Percent Difference	3.5%	3.8%	3.7%	4.9%	4.5%	3.7%	3.2%	3.1%	3.0%	3.2%	3.6%	3.9%
Below Normal (17%)												
No Action Alternative	10,252	10,431	10,888	10,695	11,114	11,631	12,559	12,516	12,317	11,649	10,936	10,351
Alternative C	10,484	10,652	11,066	10,959	11,362	11,862	12,758	12,711	12,514	11,884	11,201	10,620
Difference	233	221	178	263	248	230	198	194	196	235	265	269
Percent Difference	2.3%	2.1%	1.6%	2.5%	2.2%	2.0%	1.6%	1.6%	1.6%	2.0%	2.4%	2.6%
Dry (22%)												
No Action Alternative	9,321	9,378	9,988	10,792	11,262	11,992	12,698	12,453	12,158	11,341	10,382	9,716
Alternative C	9,754	9,834	10,423	11,063	11,516	12,191	12,871	12,644	12,358	11,570	10,743	10,084
Difference	434	456	435	271	255	199	173	191	199	229	361	368
Percent Difference	4.7%	4.9%	4.4%	2.5%	2.3%	1.7%	1.4%	1.5%	1.6%	2.0%	3.5%	3.8%
Critical (15%)												
No Action Alternative	6,023	6,040	6,312	6,332	6,805	9,087	9,476	9,333	9,188	8,183	7,137	6,522
Alternative C	6,985	7,029	7,240	8,805	9,065	9,518	9,886	9,734	9,591	8,745	7,799	7,232
Difference	962	989	927	474	460	430	410	400	403	562	663	710
Percent Difference	16.0%	16.4%	14.7%	5.7%	5.3%	4.7%	4.3%	4.3%	4.4%	6.9%	9.3%	10.9%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average



Figure SW-03-7b
Trinity Lake, End of Month Area
Probability of Exceedance

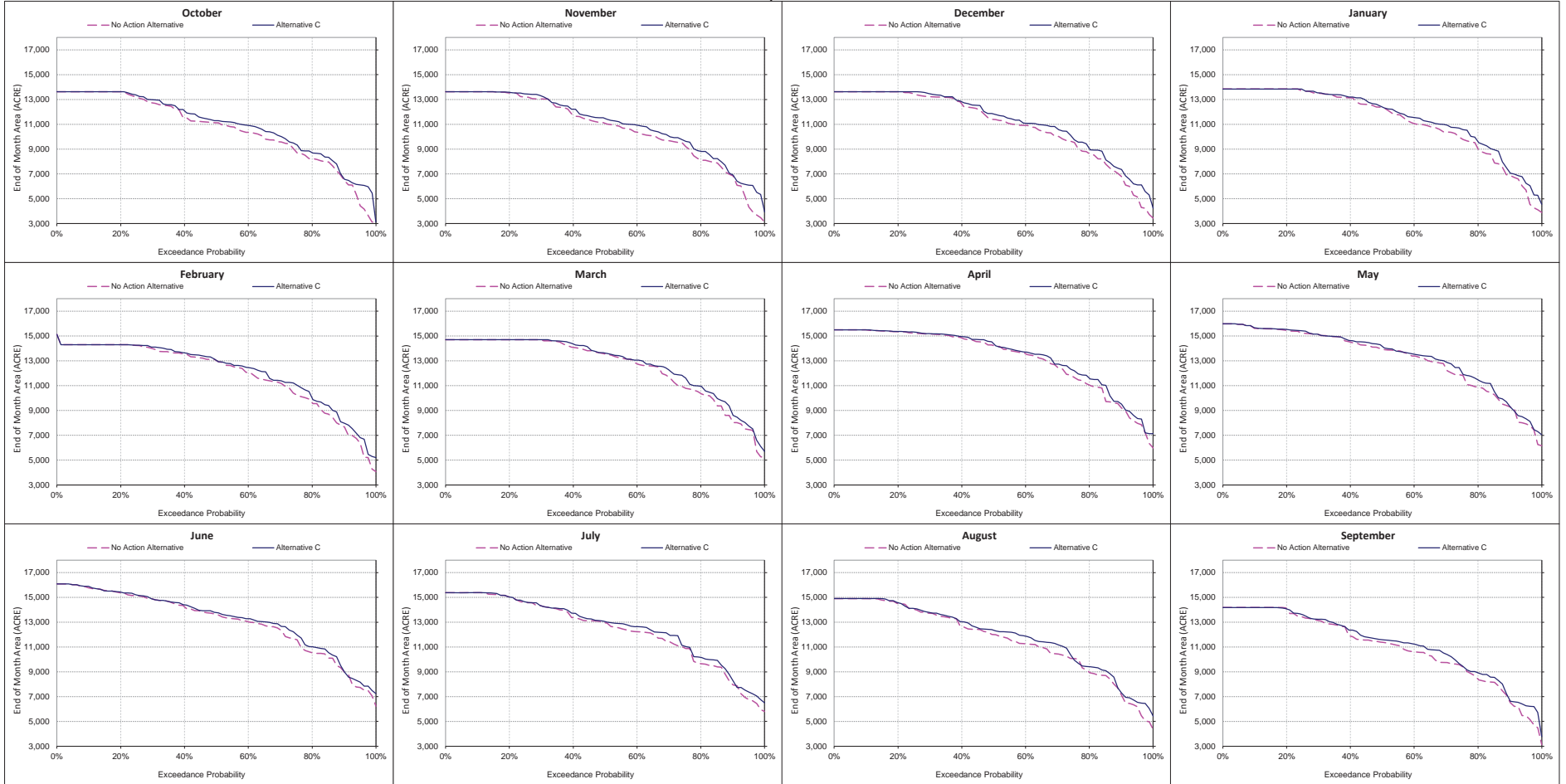


Table SW-04-7a
Trinity River below Lewiston Reservoir, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	368	360	522	655	645	575	554	3,779	2,091	923	450	450
Alternative C	373	368	505	649	620	594	561	3,779	2,091	923	450	450
Difference	5	7	-17	-6	-25	19	6	0	0	0	0	0
Percent Difference ³	1.2%	2.1%	-3.2%	-0.9%	-3.9%	3.3%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%
Water Year Types ²												
Wet (32%)												
No Action Alternative	373	300	852	1,412	1,026	1,096	627	4,636	3,318	1,289	450	450
Alternative C	373	300	784	1,394	1,056	1,218	647	4,636	3,318	1,289	450	450
Difference	0	0	-68	-19	30	122	20	0	0	0	0	0
Percent Difference	0.0%	0.0%	-8.0%	-1.3%	2.9%	11.1%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal (15%)												
No Action Alternative	373	713	621	316	831	436	469	4,462	2,488	1,048	450	450
Alternative C	373	764	621	316	760	300	469	4,462	2,488	1,048	450	450
Difference	0	51	0	0	-72	-136	0	0	0	0	0	0
Percent Difference	0.0%	7.1%	0.0%	0.0%	-8.6%	-31.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Below Normal (17%)												
No Action Alternative	373	300	300	300	517	319	507	3,774	1,672	869	450	450
Alternative C	373	300	300	300	374	319	507	3,774	1,672	869	450	450
Difference	0	0	0	0	-143	0	0	0	0	0	0	0
Percent Difference	0.0%	0.0%	0.0%	0.0%	-27.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Dry (22%)												
No Action Alternative	373	300	300	300	300	300	529	3,216	1,251	667	450	450
Alternative C	373	300	321	300	300	300	529	3,216	1,251	667	450	450
Difference	0	0	21	0	0	0	0	0	0	0	0	0
Percent Difference	0.0%	0.0%	7.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical (15%)												
No Action Alternative	342	300	300	300	300	300	575	2,092	783	450	450	450
Alternative C	373	300	300	300	300	300	575	2,092	783	450	450	450
Difference	31	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	9.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

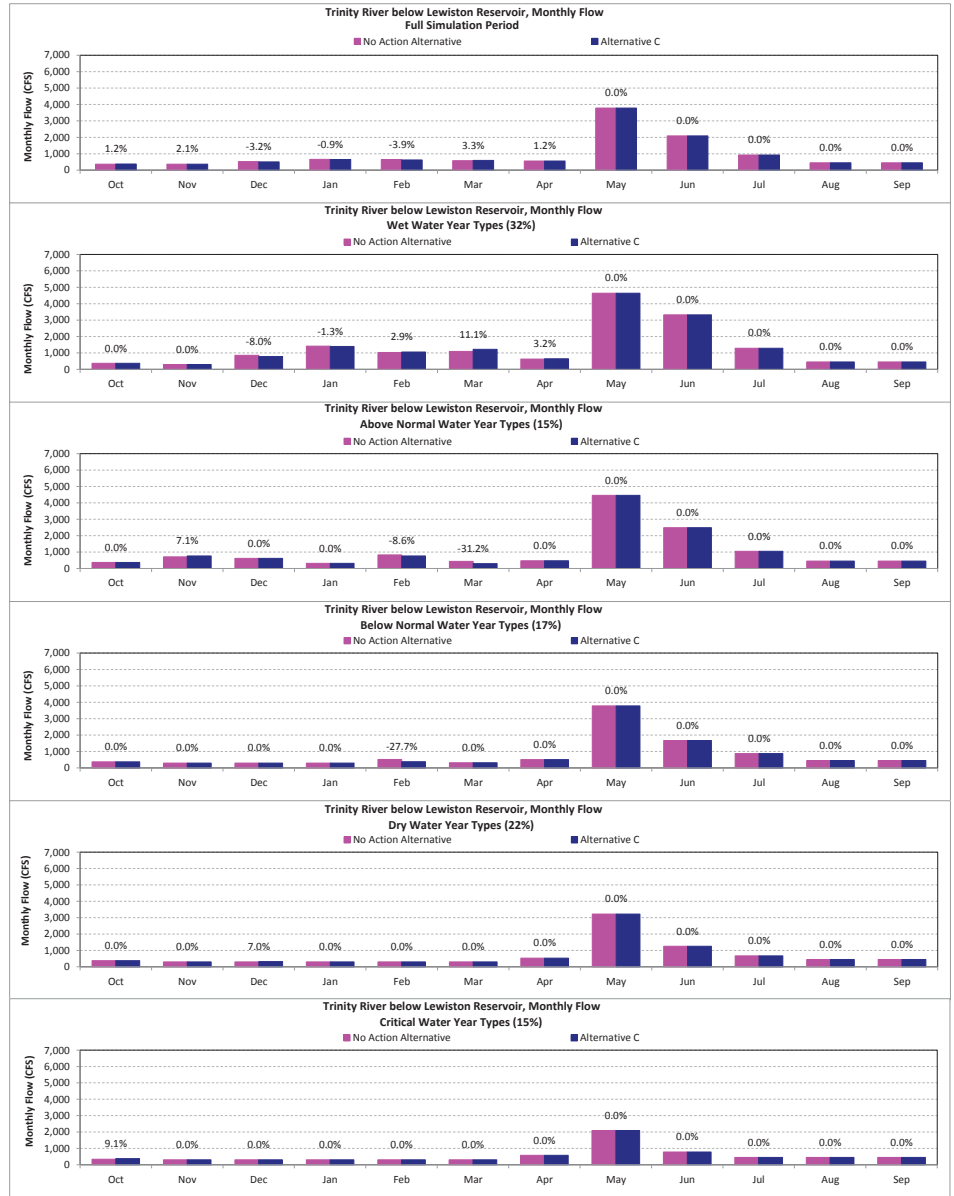


Figure SW-04-7b
Trinity River below Lewiston Reservoir, Monthly Flow
Probability of Exceedance

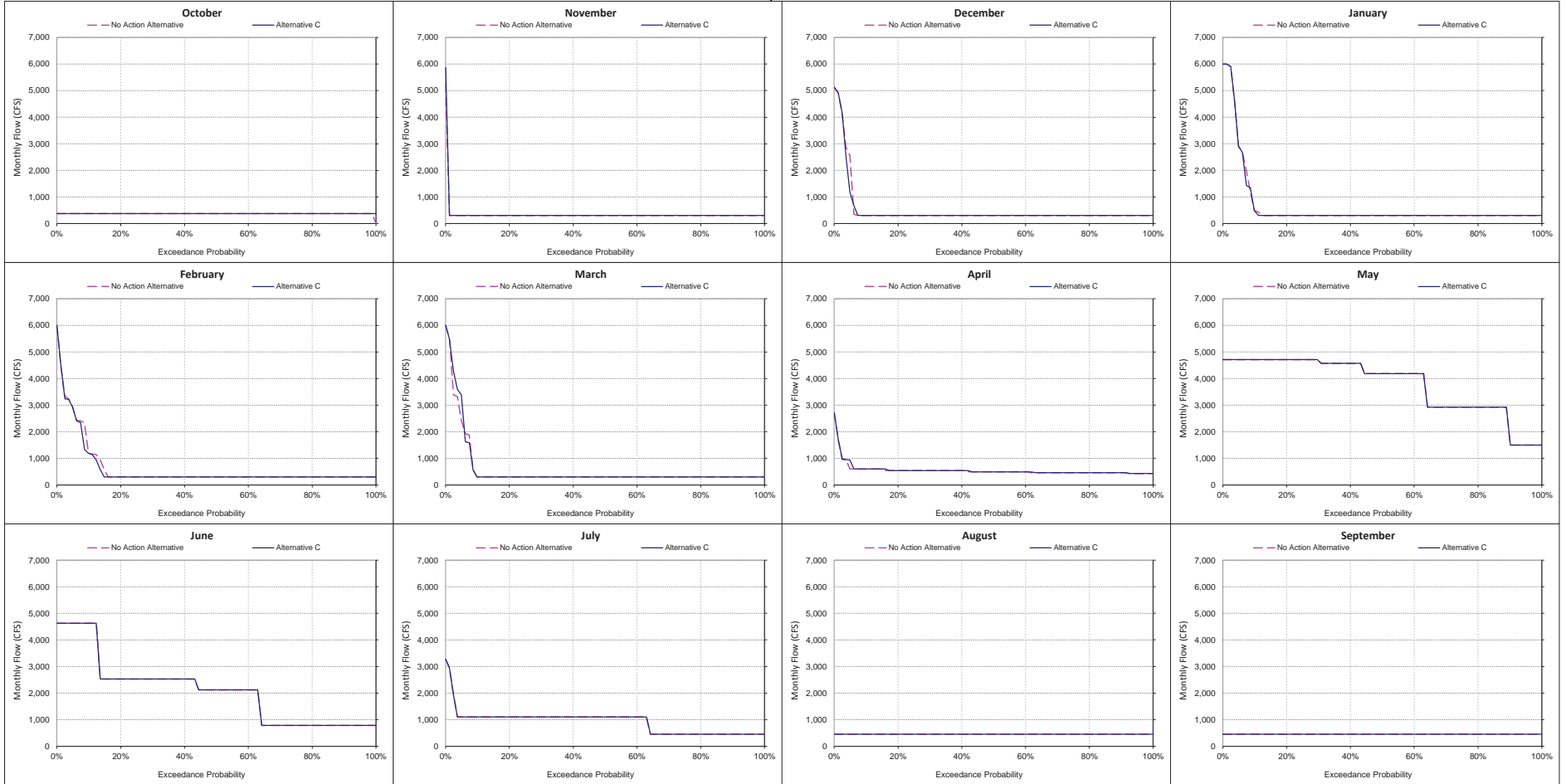


Figure SW-05-7b
Clear Creek Tunnel, Monthly Flow
Probability of Exceedance

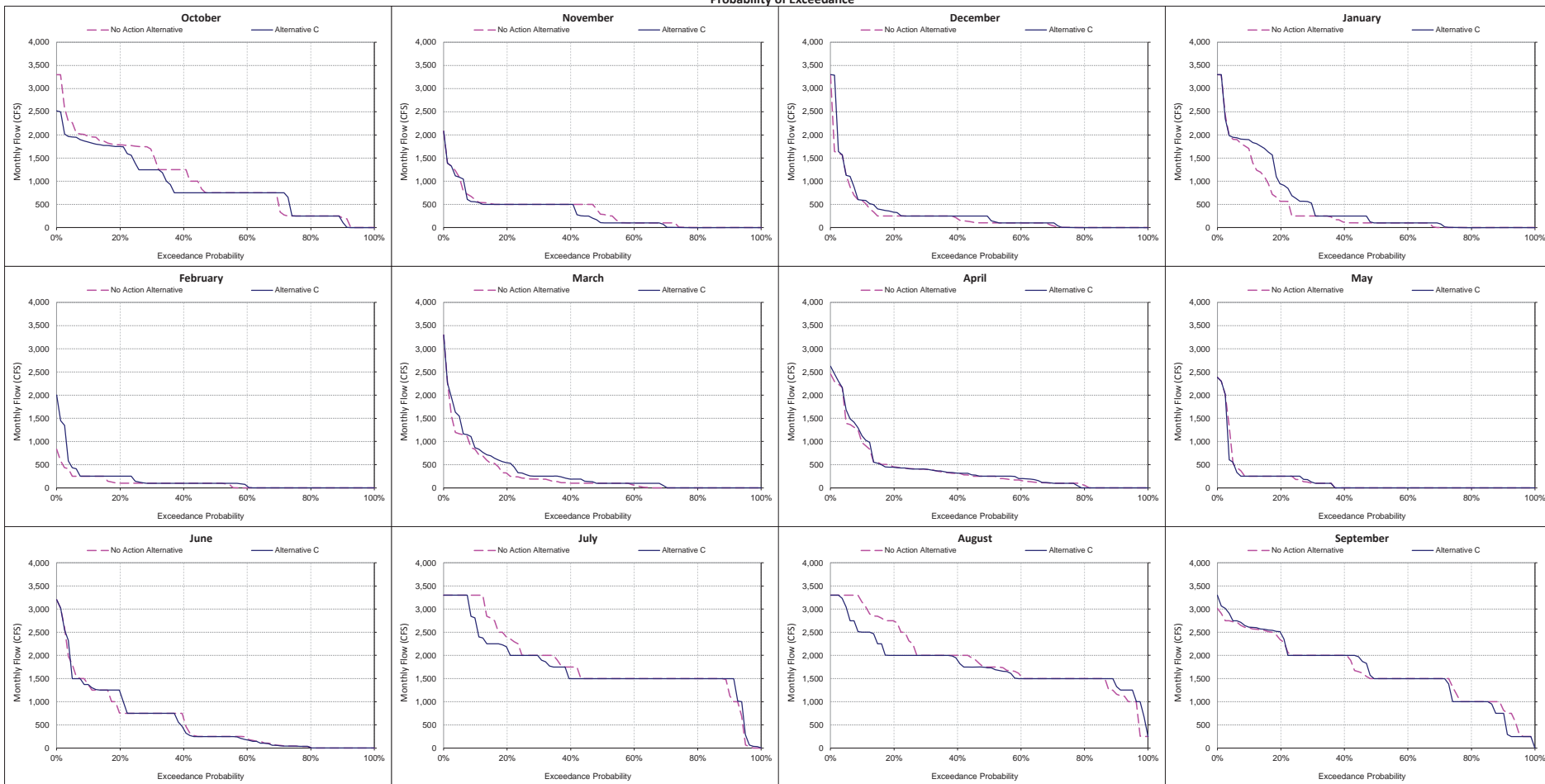


Table SW-06-7a
 Clear Creek below Whiskeytown Reservoir, Monthly Flow
 Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	185	187	189	197	197	192	191	265	181	85	86	148
Alternative C	187	187	189	197	197	191	191	265	181	148	85	148
Difference	2	0	0	0	0	-1	0	0	0	63	-1	0
Percent Difference ²	1.0%	0.0%	-0.1%	0.0%	0.0%	-0.7%	0.0%	0.0%	0.0%	73.7%	-1.6%	0.0%
Water Year Types²												
Wet (32%)												
No Action Alternative	200	200	200	220	220	200	200	277	200	85	85	150
Alternative C	200	200	200	220	220	200	200	277	200	85	85	150
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal (15%)												
No Action Alternative	200	200	200	192	196	205	196	277	200	85	85	150
Alternative C	200	200	200	192	196	196	196	277	200	206	85	150
Difference	0	0	0	0	0	-9	0	0	0	121	0	0
Percent Difference	0.0%	0.0%	-0.1%	0.0%	0.0%	-4.6%	0.0%	0.0%	0.0%	142.2%	0.0%	0.0%
Below Normal (17%)												
No Action Alternative	193	193	193	189	189	189	189	269	186	85	85	150
Alternative C	193	193	194	189	189	189	189	269	186	280	85	150
Difference	0	0	1	0	0	0	0	0	0	195	0	0
Percent Difference	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	229.3%	0.0%	0.0%
Dry (22%)												
No Action Alternative	181	182	182	192	192	192	192	264	180	85	85	150
Alternative C	181	182	182	192	192	192	192	264	180	113	85	150
Difference	0	0	0	0	0	0	0	0	0	28	0	0
Percent Difference	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	32.7%	0.0%	0.0%
Critical (15%)												
No Action Alternative	133	149	163	168	168	168	168	224	120	85	94	133
Alternative C	146	149	163	168	168	168	168	224	120	123	85	133
Difference	12	0	0	0	0	0	0	0	0	38	-9	0
Percent Difference	9.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	44.2%	-9.9%	0.0%

1 Based on the 82-year simulation period
 2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)
 3 Relative difference of the monthly average

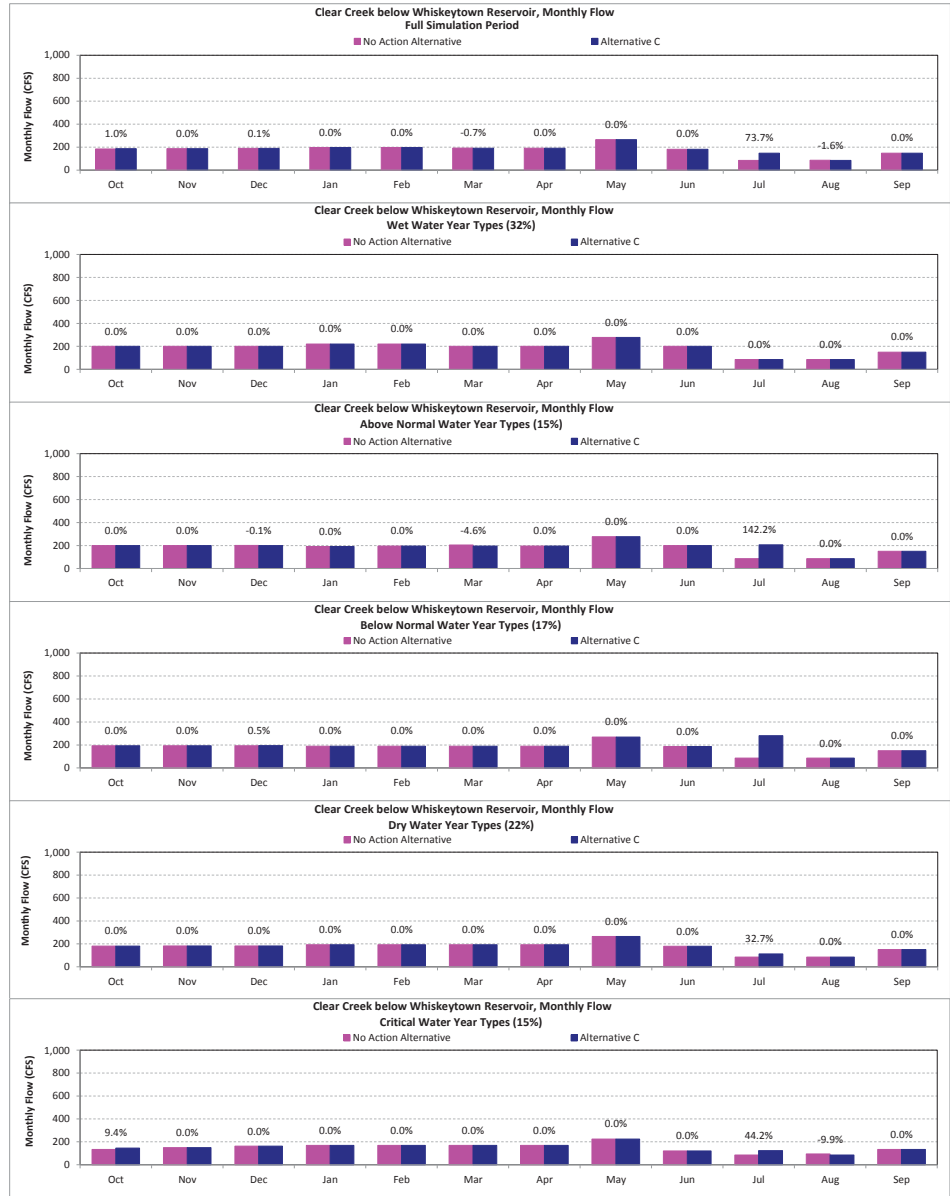


Figure SW-06-7b
Clear Creek below Whiskeytown Reservoir, Monthly Flow
Probability of Exceedance

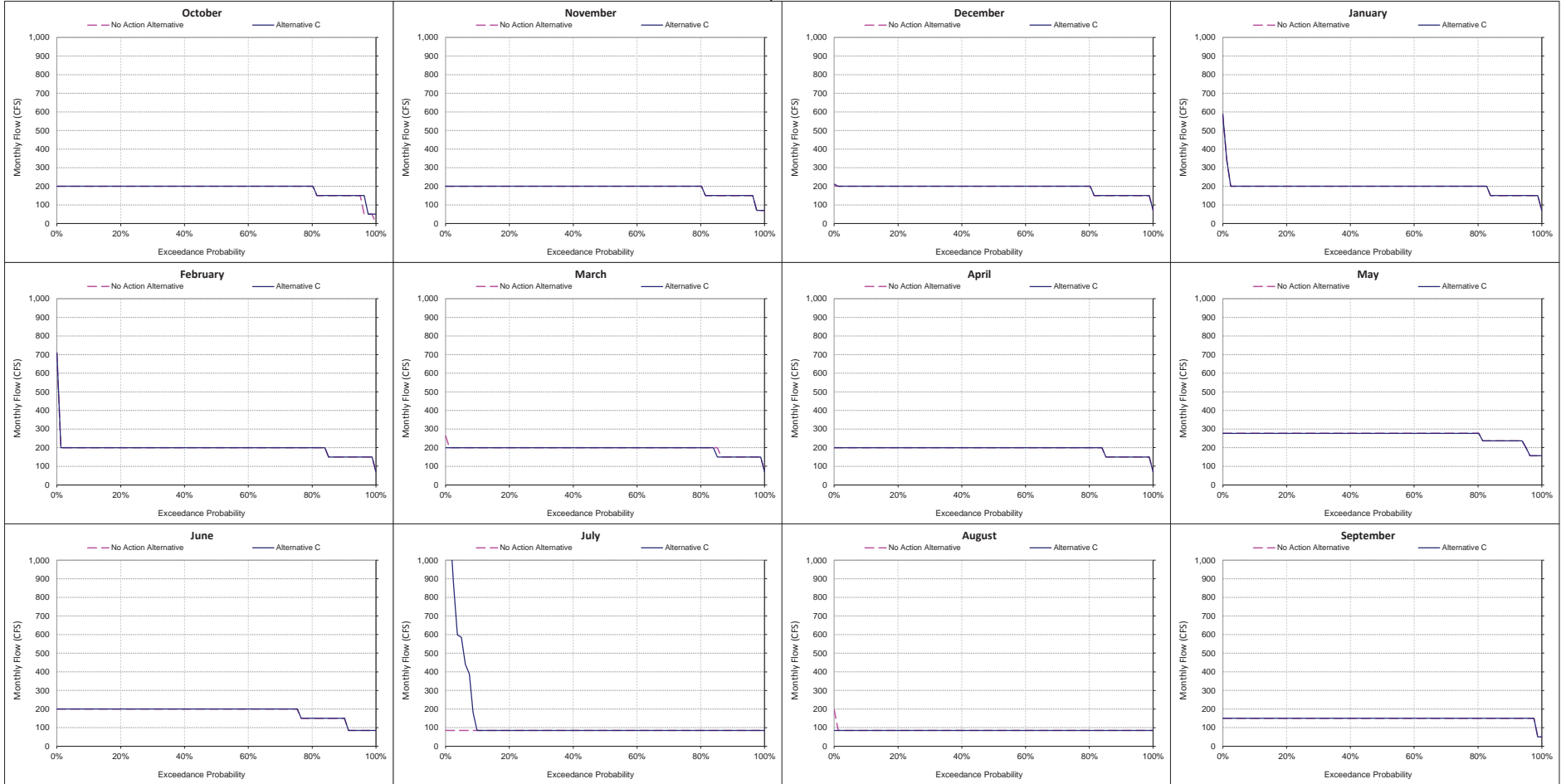


Figure SW-07-7b
Shasta Lake, End of Month Storage
Probability of Exceedance

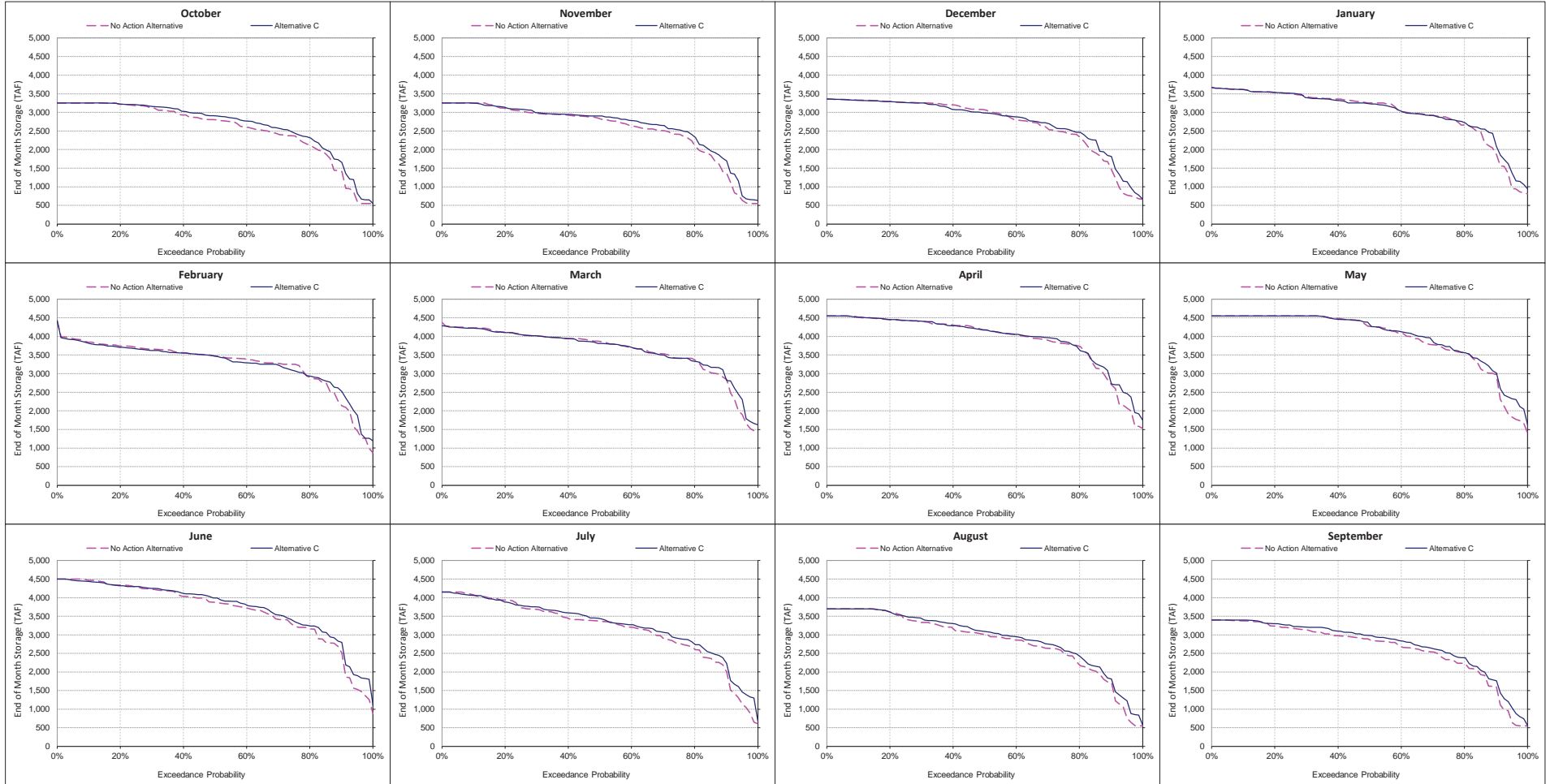


Table SW-08-7a
Shasta Lake, End of Month Elevation
Long-term Average and Average by Water Year Type

Analysis Period	End of Month Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	980	980	988	1,002	1,015	1,030	1,042	1,042	1,029	1,008	992	984
Alternative C	986	985	992	1,004	1,016	1,032	1,044	1,046	1,034	1,014	998	990
Difference	6	6	4	3	1	2	2	3	5	6	6	6
Percent Difference ³	0.6%	0.6%	0.4%	0.3%	0.1%	0.2%	0.2%	0.3%	0.5%	0.6%	0.6%	0.7%
Water Year Types²												
Wet (32%)												
No Action Alternative	1,008	1,003	1,010	1,024	1,033	1,042	1,059	1,064	1,057	1,042	1,029	1,012
Alternative C	1,010	1,005	1,009	1,024	1,033	1,042	1,059	1,064	1,057	1,043	1,030	1,014
Difference	2	1	-1	0	-1	0	0	0	0	1	1	3
Percent Difference	0.2%	0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.2%
Above Normal (15%)												
No Action Alternative	1,004	1,001	1,009	1,010	1,023	1,045	1,062	1,064	1,051	1,030	1,015	1,008
Alternative C	1,008	1,004	1,008	1,012	1,023	1,046	1,062	1,064	1,053	1,031	1,018	1,013
Difference	4	3	0	2	0	0	0	0	1	2	3	5
Percent Difference	0.4%	0.3%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.3%	0.5%
Below Normal (17%)												
No Action Alternative	999	1,002	1,006	1,000	1,017	1,034	1,049	1,050	1,038	1,017	1,002	999
Alternative C	1,000	1,003	1,005	1,001	1,016	1,034	1,049	1,051	1,040	1,018	1,005	1,002
Difference	2	1	-1	0	-1	0	0	0	2	1	3	2
Percent Difference	0.2%	0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.2%	0.1%	0.3%	0.2%
Dry (22%)												
No Action Alternative	972	976	988	994	1,012	1,032	1,038	1,035	1,020	997	980	977
Alternative C	983	985	995	997	1,012	1,034	1,042	1,040	1,027	1,005	989	985
Difference	11	9	7	3	0	1	3	5	7	8	8	8
Percent Difference	1.1%	0.9%	0.7%	0.3%	0.0%	0.1%	0.3%	0.5%	0.7%	0.8%	0.8%	0.8%
Critical (15%)												
No Action Alternative	885	886	899	957	969	983	981	975	952	920	898	891
Alternative C	902	903	916	969	979	992	993	990	970	942	915	909
Difference	17	18	17	12	10	8	12	15	18	22	18	18
Percent Difference	1.9%	2.0%	1.9%	1.3%	1.0%	0.9%	1.2%	1.5%	1.9%	2.4%	2.0%	2.0%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

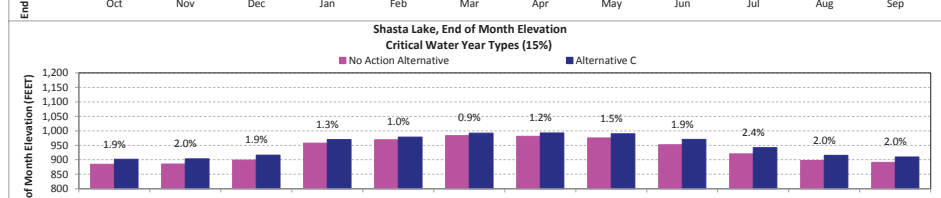
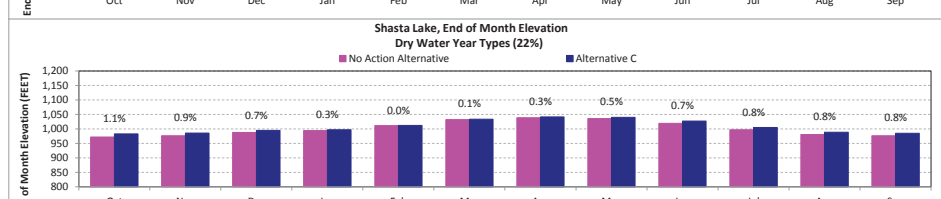
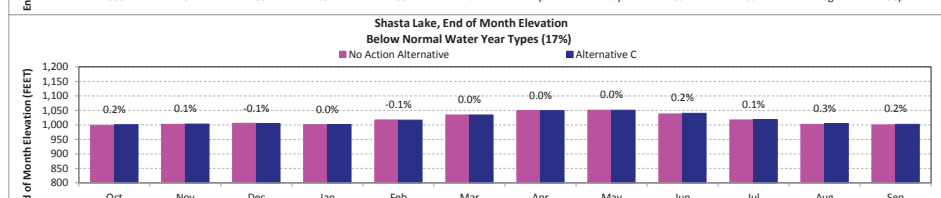
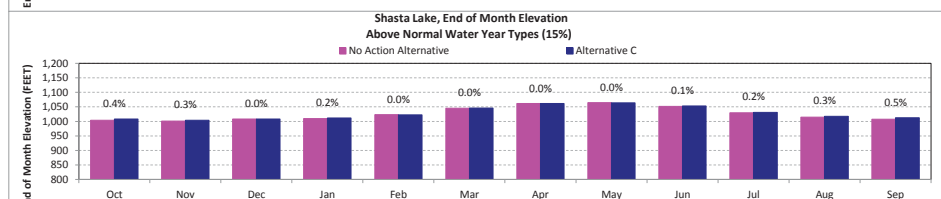
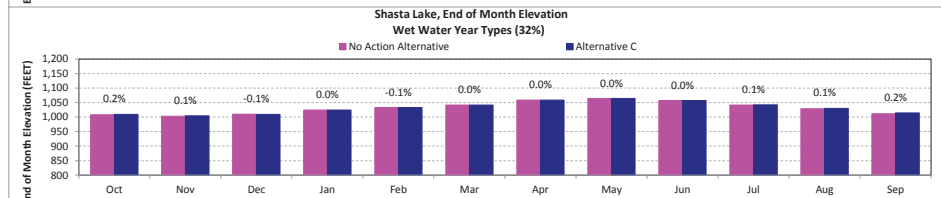
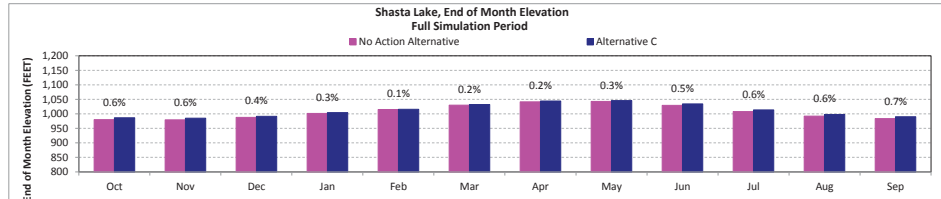


Figure SW-08-7b
Shasta Lake, End of Month Elevation
Probability of Exceedance

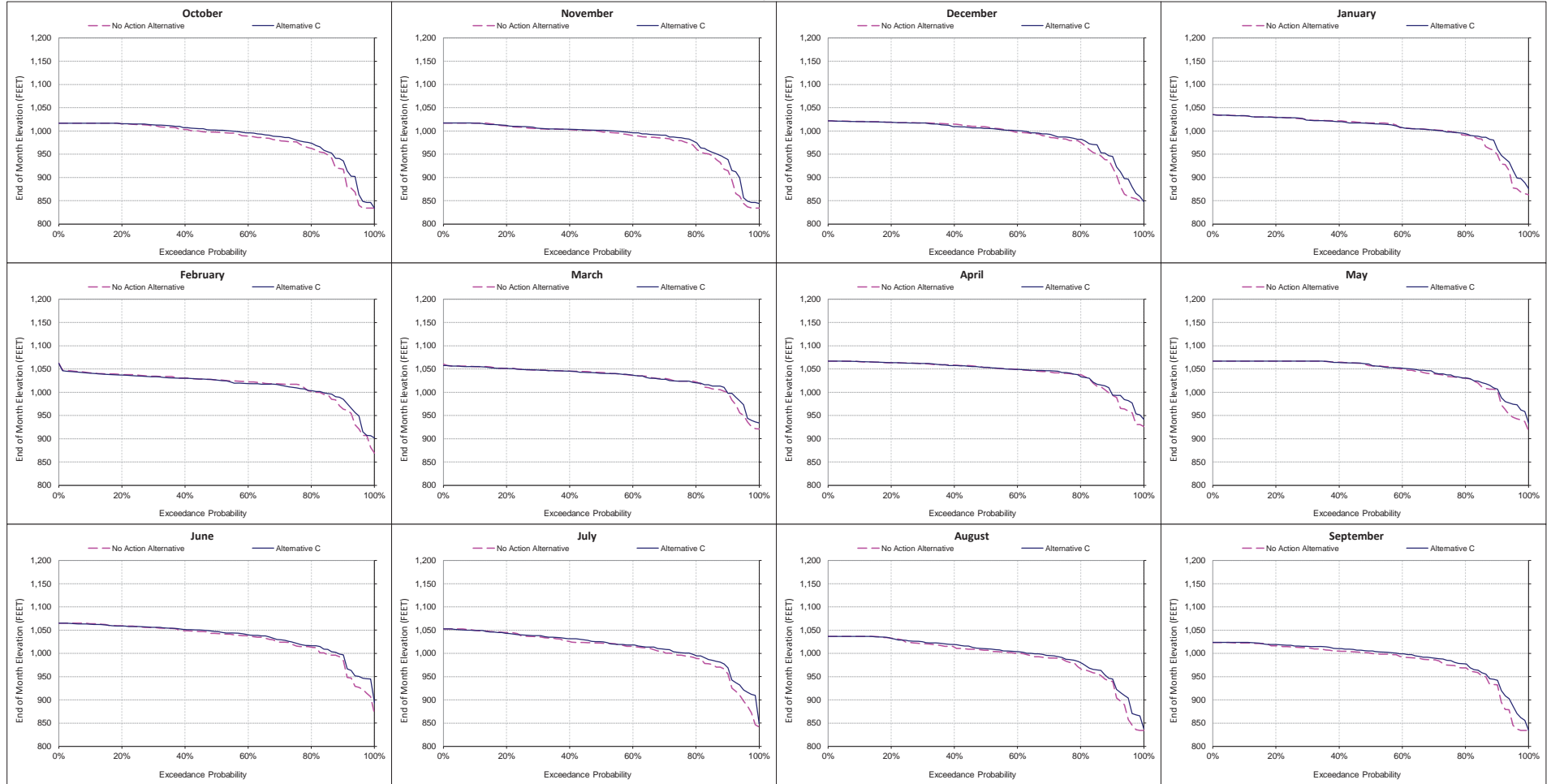


Table SW-09-7a
Shasta Lake, End of Month Area
Long-term Average and Average by Water Year Type

Analysis Period	End of Month Area (ACRE)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	19,972	19,920	20,851	22,373	23,869	25,646	26,994	27,105	25,614	23,168	21,388	20,385
Alternative C	20,596	20,456	21,160	22,600	23,943	25,801	27,252	27,447	26,117	23,732	21,962	21,031
Difference	624	536	309	227	74	155	258	343	503	564	574	646
Percent Difference ³	3.1%	2.7%	1.5%	1.0%	0.3%	0.6%	1.0%	1.3%	2.0%	2.4%	2.7%	3.2%
Water Year Types²												
Wet (32%)												
No Action Alternative	22,859	22,280	23,111	24,815	25,936	26,966	28,988	29,659	28,849	26,971	25,363	23,307
Alternative C	23,050	22,422	22,999	24,823	25,864	26,952	28,986	29,649	28,813	27,058	25,534	23,603
Difference	191	142	-112	8	-72	-14	-2	-10	-36	87	171	296
Percent Difference	0.8%	0.6%	-0.5%	0.0%	-0.3%	-0.1%	0.0%	0.0%	-0.1%	0.3%	0.7%	1.3%
Above Normal (15%)												
No Action Alternative	22,331	21,976	22,897	23,199	24,734	27,400	29,350	29,678	28,136	25,475	23,658	22,781
Alternative C	22,879	22,303	22,858	23,384	24,666	27,444	29,366	29,653	28,305	25,679	24,044	23,407
Difference	547	327	-39	185	-68	44	17	-25	169	204	386	626
Percent Difference	2.5%	1.5%	-0.2%	0.8%	-0.3%	0.2%	0.1%	-0.1%	0.6%	0.8%	1.6%	2.7%
Below Normal (17%)												
No Action Alternative	21,746	22,157	22,612	22,184	24,115	26,049	27,845	27,993	26,497	23,920	22,134	21,827
Alternative C	21,938	22,219	22,466	22,217	24,025	26,048	27,831	28,018	26,744	24,080	22,467	22,123
Difference	193	62	-145	32	-90	-1	-15	25	246	159	332	296
Percent Difference	0.9%	0.3%	-0.6%	0.1%	-0.4%	0.0%	-0.1%	0.1%	0.9%	0.7%	1.5%	1.4%
Dry (22%)												
No Action Alternative	18,811	19,296	20,675	21,526	23,483	25,892	26,609	26,219	24,320	21,634	19,733	19,321
Alternative C	19,935	20,269	21,393	21,721	23,466	26,024	26,974	26,780	25,172	22,559	20,620	20,200
Difference	1,124	973	718	194	-17	132	364	561	852	926	888	879
Percent Difference	6.0%	5.0%	3.5%	0.9%	-0.1%	0.5%	1.4%	2.1%	3.5%	4.3%	4.5%	4.5%
Critical (15%)												
No Action Alternative	11,030	11,080	12,116	17,748	18,821	20,197	19,905	19,288	16,995	14,048	12,117	11,572
Alternative C	12,421	12,574	13,604	18,766	19,680	21,042	21,124	20,806	18,773	15,932	13,566	13,057
Difference	1,391	1,494	1,488	1,018	860	845	1,220	1,517	1,778	1,884	1,450	1,485
Percent Difference	12.6%	13.5%	12.3%	5.7%	4.6%	4.2%	6.1%	7.9%	10.5%	13.4%	12.0%	12.8%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

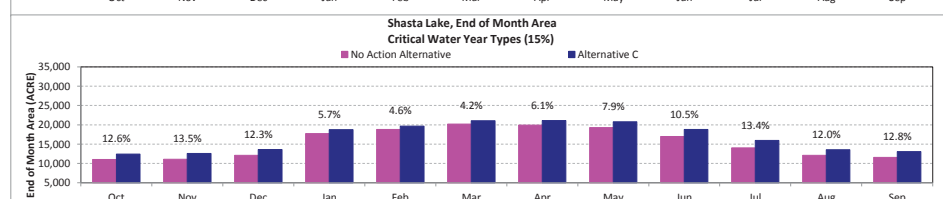
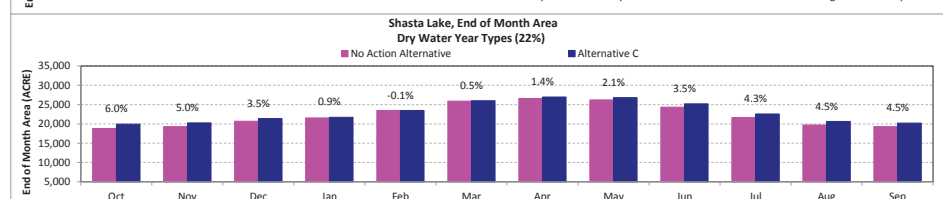
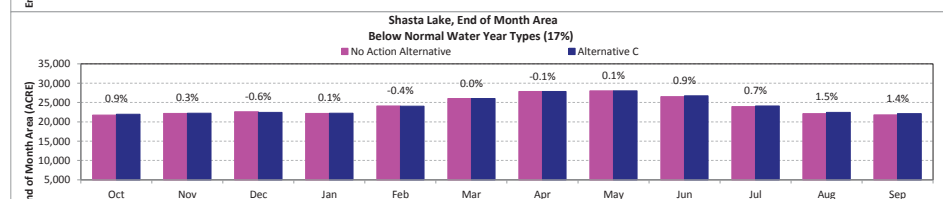
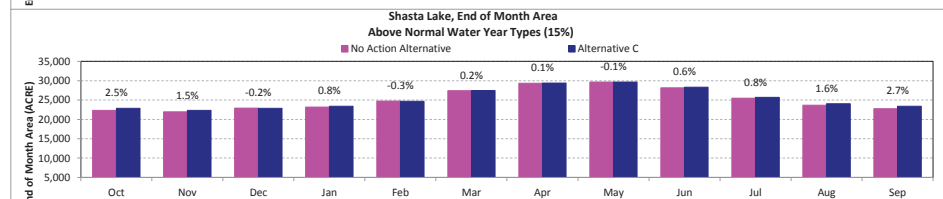
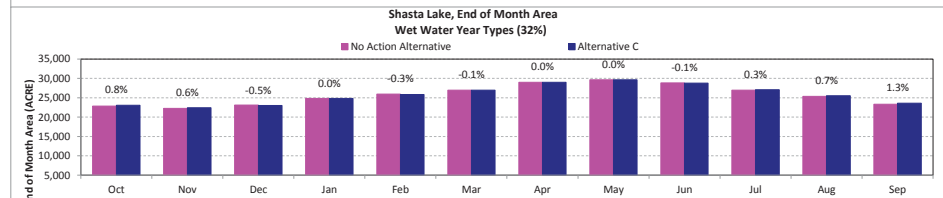
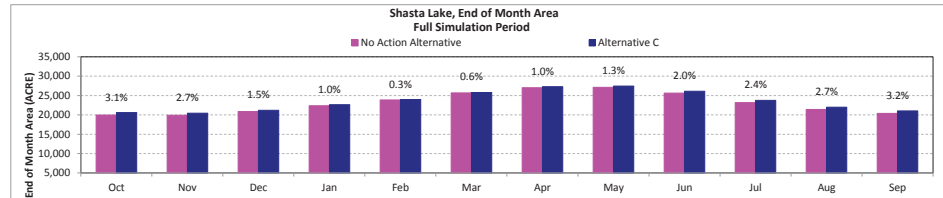


Figure SW-09-7b
Shasta Lake, End of Month Area
Probability of Exceedance

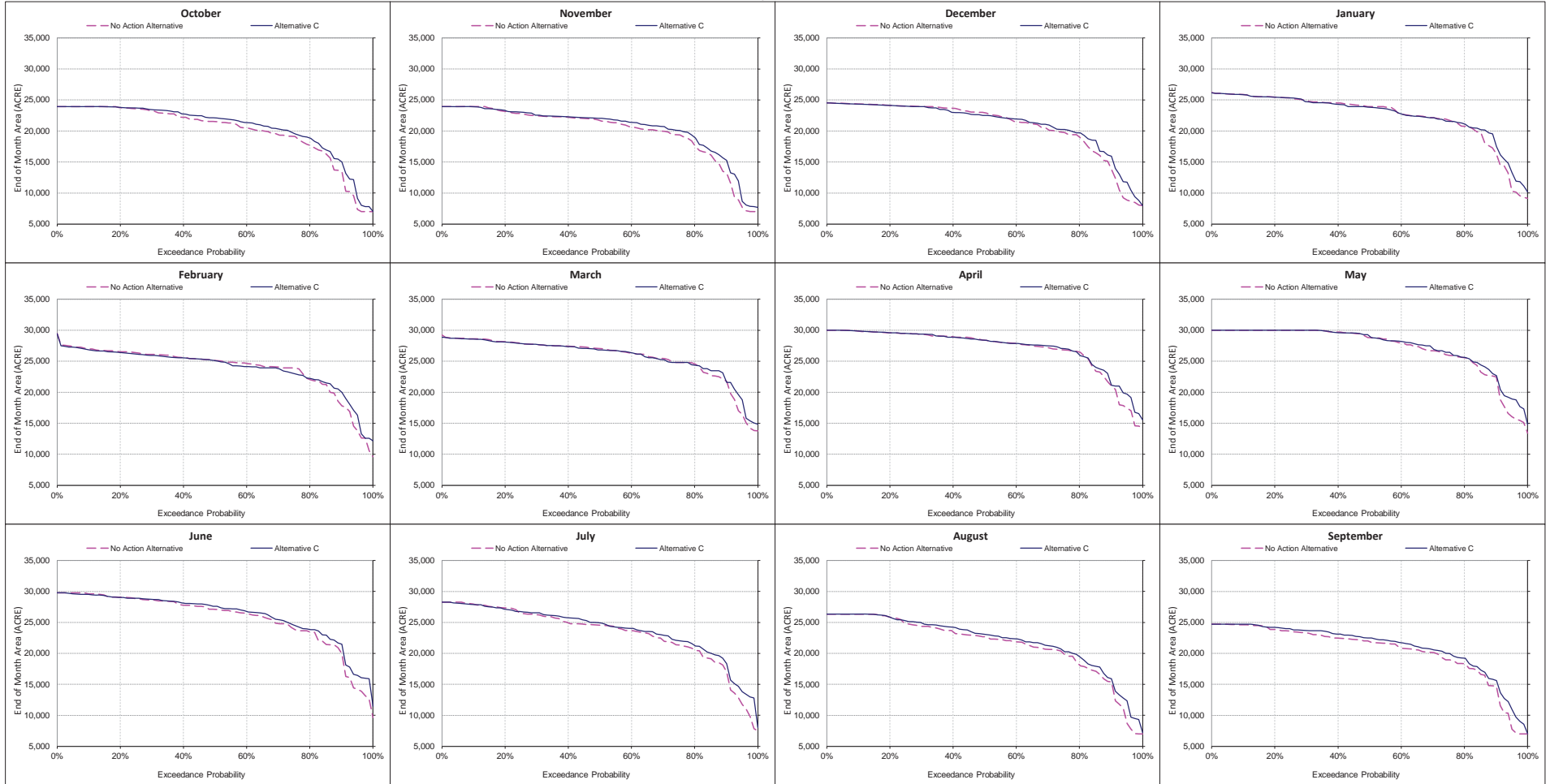


Table SW-10-7a
Sacramento River below Keswick Reservoir, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	6,191	6,373	6,696	8,274	10,211	8,555	6,942	7,866	10,846	13,210	10,550	8,069
Alternative C	6,114	6,624	7,441	8,616	10,744	8,324	6,592	7,584	10,352	13,027	10,409	7,841
Difference	-76	251	746	342	532	-232	-350	-283	-494	-182	-142	-228
Percent Difference ³	-1.2%	3.9%	11.1%	4.1%	5.2%	-2.7%	-5.0%	-3.6%	-4.6%	-1.4%	-1.3%	-2.8%
Water Year Types²												
Wet (32%)												
No Action Alternative	7,296	8,649	7,369	15,898	18,357	16,226	9,479	9,465	10,515	12,963	11,017	12,376
Alternative C	7,526	8,801	8,228	16,319	18,724	16,066	9,454	9,499	10,647	12,557	10,745	11,957
Difference	230	152	859	421	366	-161	-25	35	132	-406	-272	-418
Percent Difference	3.2%	1.8%	11.7%	2.6%	2.0%	-1.0%	-0.3%	0.4%	1.3%	-3.1%	-2.5%	-3.4%
Above Normal (15%)												
No Action Alternative	5,952	8,274	6,844	7,637	14,153	8,412	6,093	7,692	11,336	14,294	10,702	8,198
Alternative C	6,208	8,809	7,943	7,432	14,958	8,183	6,181	7,874	10,627	14,226	10,096	7,476
Difference	256	536	1,100	-205	804	-229	88	182	-708	-68	-606	-722
Percent Difference	4.3%	6.5%	16.1%	-2.7%	5.7%	-2.7%	1.4%	2.4%	-6.2%	-0.5%	-5.7%	-8.8%
Below Normal (17%)												
No Action Alternative	5,261	5,066	7,920	4,285	5,700	4,747	5,167	6,958	10,735	12,997	10,181	5,397
Alternative C	5,677	5,511	8,653	4,631	6,329	4,433	5,285	6,745	9,928	13,181	9,568	5,544
Difference	416	445	734	346	629	-314	118	-213	-807	183	-613	148
Percent Difference	7.9%	8.8%	9.3%	8.1%	11.0%	-6.6%	2.3%	-3.1%	-7.5%	1.4%	-6.0%	2.7%
Dry (22%)												
No Action Alternative	5,936	4,465	6,916	3,889	3,764	3,878	5,648	7,208	11,245	13,426	10,682	5,656
Alternative C	5,090	4,856	7,687	4,553	4,474	3,543	4,676	6,472	10,326	13,219	10,622	5,728
Difference	-846	391	771	664	710	-335	-972	-736	-919	-207	-60	71
Percent Difference	-14.2%	8.8%	11.1%	17.1%	18.9%	-8.6%	-17.2%	-10.2%	-8.2%	-1.5%	-0.6%	1.3%
Critical (15%)												
No Action Alternative	5,504	3,931	3,331	3,625	3,553	3,539	6,306	6,626	10,606	12,583	9,623	5,345
Alternative C	5,010	3,676	3,454	3,853	3,793	3,402	5,203	5,790	9,975	12,381	10,656	5,137
Difference	-493	-255	123	229	240	-137	-1,103	-836	-632	-202	1,032	-208
Percent Difference	-9.0%	-6.5%	3.7%	6.3%	6.8%	-3.9%	-17.5%	-12.6%	-6.0%	-1.6%	10.7%	-3.9%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

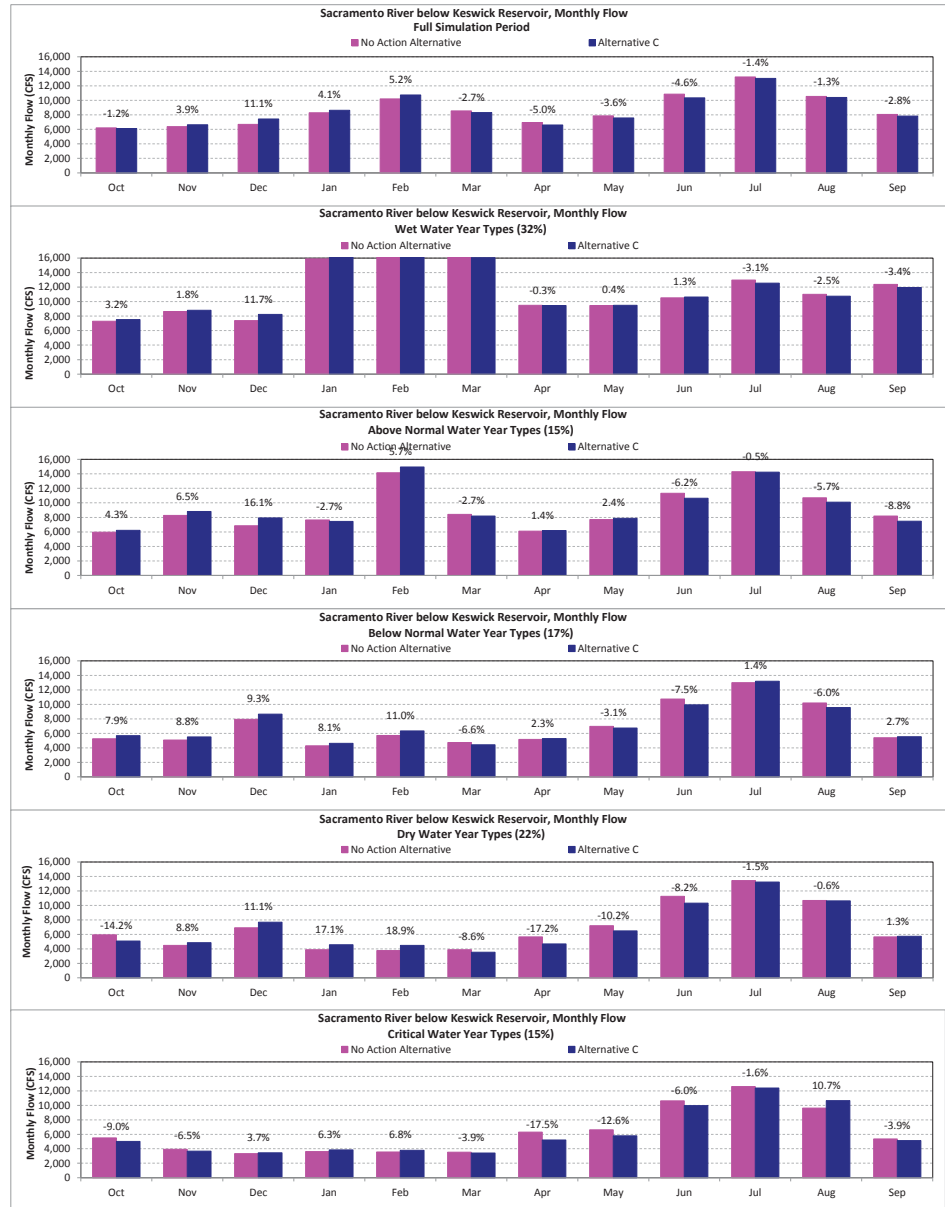


Figure SW-10-7b
Sacramento River below Keswick Reservoir, Monthly Flow
Probability of Exceedance

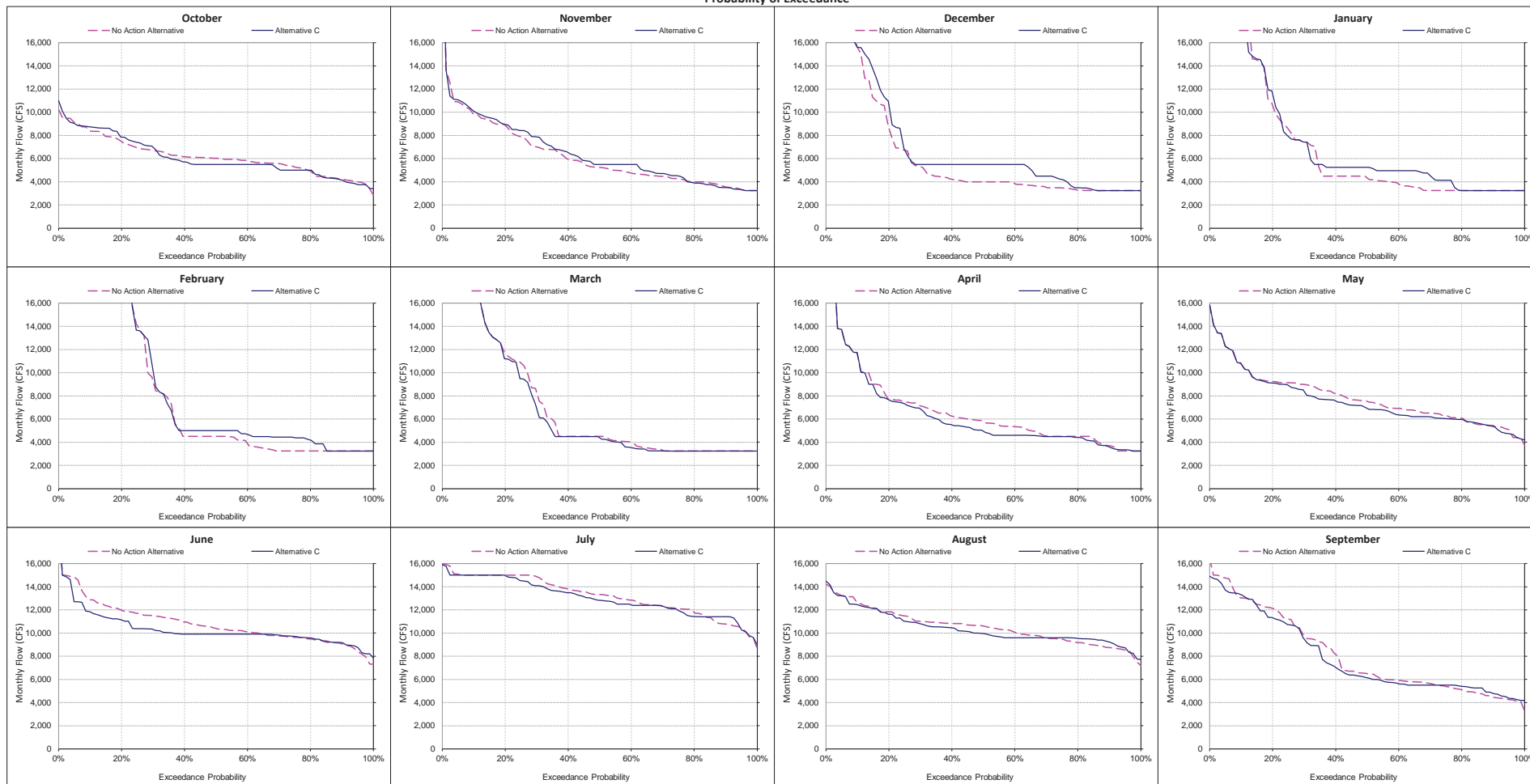


Table SW-11-7a
Sacramento River at Bend Bridge, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	7,118	8,602	11,470	15,095	17,894	14,536	10,653	9,910	11,791	13,426	10,713	8,486
Alternative C	7,043	8,853	12,214	15,431	18,425	14,302	10,306	9,630	11,297	13,304	10,566	8,255
Difference	-76	251	743	336	531	-235	-347	-280	-494	-122	-147	-230
Percent Difference ³	-1.1%	2.9%	6.5%	2.2%	3.0%	-1.6%	-3.3%	-2.8%	-4.2%	-0.9%	-1.4%	-2.7%
Water Year Types²												
Wet (32%)												
No Action Alternative	8,256	11,140	12,019	27,425	30,056	25,065	15,273	12,518	12,054	13,435	11,265	12,845
Alternative C	8,488	11,288	12,878	27,844	30,422	24,905	15,251	12,553	12,186	13,027	10,995	12,427
Difference	232	149	859	419	365	-161	-23	35	132	-407	-270	-418
Percent Difference	2.8%	1.3%	7.1%	1.5%	1.2%	-0.6%	-0.1%	0.3%	1.1%	-3.0%	-2.4%	-3.3%
Above Normal (15%)												
No Action Alternative	7,002	10,572	11,766	16,070	23,265	15,927	10,423	10,017	12,192	14,362	10,831	8,621
Alternative C	7,262	11,105	12,860	15,856	24,071	15,686	10,513	10,196	11,478	14,412	10,219	7,898
Difference	260	533	1,094	-214	806	-241	89	179	-714	50	-612	-723
Percent Difference	3.7%	5.0%	9.3%	-1.3%	3.5%	-1.5%	0.9%	1.8%	-5.9%	0.4%	-5.7%	-8.4%
Below Normal (17%)												
No Action Alternative	6,428	7,368	12,988	9,215	11,748	8,915	8,496	8,585	11,479	13,067	10,265	5,750
Alternative C	6,842	7,810	13,719	9,555	12,376	8,599	8,616	8,368	10,669	13,444	9,645	5,897
Difference	414	442	731	339	628	-317	120	-216	-809	377	-620	148
Percent Difference	6.4%	6.0%	5.6%	3.7%	5.3%	-3.6%	1.4%	-2.5%	-7.1%	2.9%	-6.0%	2.6%
Dry (22%)												
No Action Alternative	6,758	6,697	12,690	7,044	9,056	8,397	7,832	8,572	11,827	13,515	10,819	6,094
Alternative C	5,909	7,095	13,456	7,700	9,762	8,059	6,864	7,844	10,909	13,332	10,752	6,161
Difference	-849	397	766	656	706	-338	-968	-728	-918	-183	-67	66
Percent Difference	-12.6%	5.9%	6.0%	9.3%	7.8%	-4.0%	-12.4%	-8.5%	-7.8%	-1.4%	-0.6%	1.1%
Critical (15%)												
No Action Alternative	6,116	5,428	6,386	6,341	6,596	6,098	7,619	7,708	11,131	12,756	9,762	5,685
Alternative C	5,625	5,177	6,510	6,565	6,836	5,961	6,518	6,882	10,504	12,591	10,782	5,467
Difference	-491	-251	123	225	239	-137	-1,101	-825	-627	-165	1,020	-218
Percent Difference	-8.0%	-4.6%	1.9%	3.5%	3.6%	-2.2%	-14.4%	-10.7%	-5.6%	-1.3%	10.4%	-3.8%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

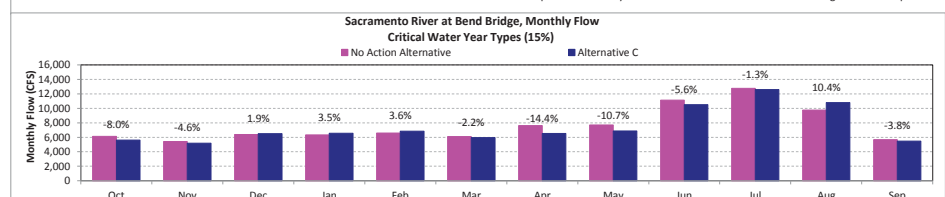
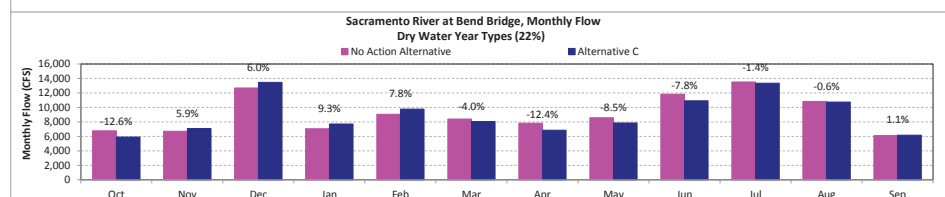
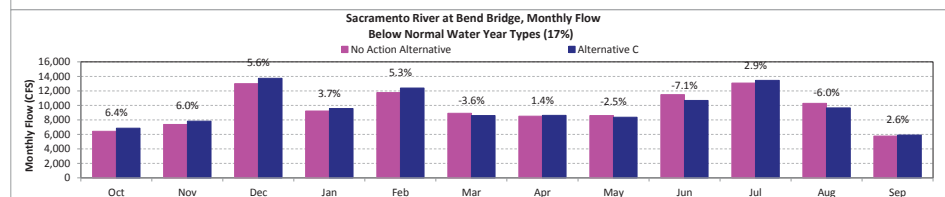
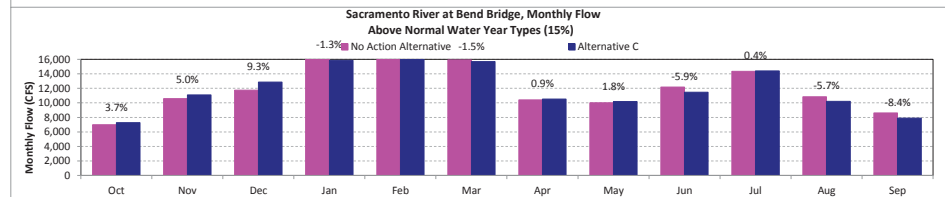
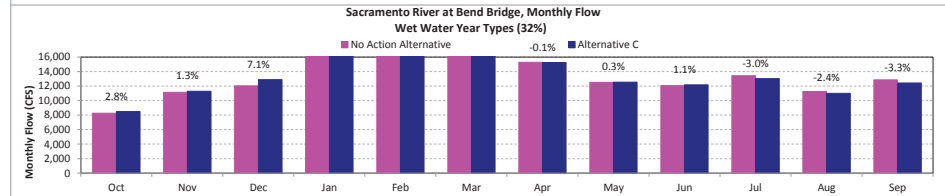
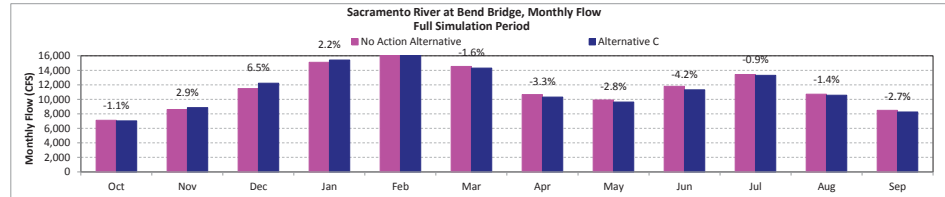


Figure SW-11-7b
Sacramento River at Bend Bridge, Monthly Flow
Probability of Exceedance

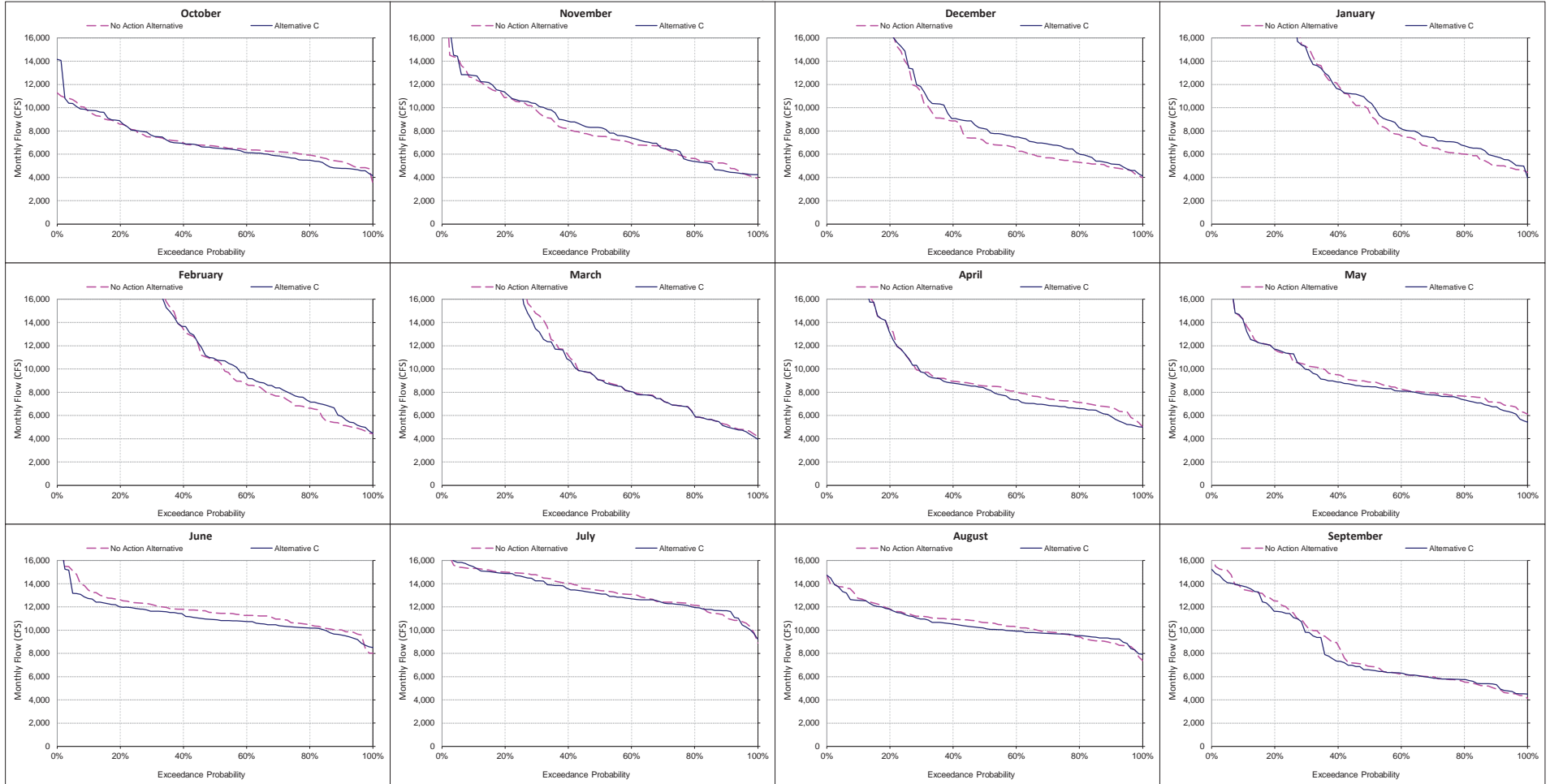


Table SW-11-7b
Sacramento River at Bend Bridge, Monthly Flow
Probability of Exceedance

October				
Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	11,279	14,160	2,881	25.5%
0.2%	10,281	14,081	3,800	37.0%
2.5%	10,886	10,810	-76	-0.7%
3.7%	10,809	10,384	-425	-3.9%
4.9%	10,697	10,367	-330	-3.1%
6.2%	10,470	10,096	-374	-3.6%
7.4%	10,096	9,907	-179	-1.8%
8.6%	10,046	9,868	-178	-1.8%
9.9%	9,702	9,795	93	1.0%
11.1%	9,490	9,755	264	2.8%
12.3%	9,320	9,730	410	4.4%
13.6%	9,276	9,627	351	3.8%
14.8%	9,047	9,605	558	6.2%
16.0%	8,947	9,115	168	1.9%
17.3%	8,943	8,948	5	0.1%
18.5%	8,799	8,942	142	1.6%
19.8%	8,607	8,891	274	3.2%
21.0%	8,555	8,587	32	0.4%
22.2%	8,390	8,366	-24	-0.3%
23.5%	8,131	8,079	-52	-0.6%
24.7%	8,081	8,049	-33	-0.4%
25.9%	7,773	8,005	232	3.0%
27.2%	7,713	7,949	235	3.0%
28.4%	7,498	7,916	417	5.6%
29.6%	7,492	7,665	173	2.3%
30.9%	7,473	7,533	60	0.8%
32.1%	7,450	7,508	48	0.6%
33.3%	7,395	7,482	87	1.2%
34.6%	7,244	7,242	-1	0.0%
35.8%	7,219	7,056	-163	-2.3%
37.0%	7,177	7,002	-175	-2.4%
38.3%	7,147	6,969	-177	-2.5%
39.5%	7,066	6,956	-111	-1.6%
40.7%	6,852	6,883	31	0.5%
42.0%	6,822	6,874	52	0.8%
43.2%	6,805	6,868	63	0.9%
44.4%	6,792	6,802	10	0.1%
45.7%	6,780	6,646	-134	-2.0%
46.9%	6,757	6,622	-135	-2.0%
48.1%	6,753	6,612	-141	-2.1%
49.4%	6,719	6,538	-181	-2.7%
50.6%	6,681	6,533	-148	-2.2%
51.9%	6,634	6,495	-138	-2.1%
53.1%	6,591	6,461	-130	-2.0%
54.3%	6,495	6,457	-39	-0.6%
55.6%	6,493	6,415	-78	-1.2%
56.8%	6,496	6,365	-121	-1.9%
58.0%	6,475	6,293	-183	-2.8%
59.3%	6,415	6,172	-242	-3.8%
60.5%	6,397	6,130	-267	-4.2%
61.7%	6,364	6,114	-250	-3.9%
63.0%	6,357	6,108	-249	-3.9%
64.2%	6,334	6,094	-241	-3.8%
65.4%	6,301	6,042	-258	-4.1%
66.7%	6,251	5,999	-252	-4.0%
67.9%	6,243	5,920	-324	-5.2%
69.1%	6,228	5,878	-348	-5.6%
70.4%	6,210	5,846	-363	-5.9%
71.6%	6,196	5,787	-408	-6.6%
72.8%	6,162	5,750	-412	-6.7%
74.1%	6,115	5,668	-446	-7.3%
75.3%	6,113	5,646	-467	-7.6%
76.5%	6,032	5,519	-513	-8.5%
77.8%	6,017	5,504	-512	-8.5%
79.0%	5,939	5,492	-446	-7.5%
80.2%	5,920	5,470	-450	-7.6%
81.5%	5,845	5,417	-428	-7.3%
82.7%	5,792	5,379	-412	-7.1%
84.0%	5,696	5,302	-394	-6.9%
85.2%	5,619	5,079	-541	-9.6%
86.4%	5,481	4,892	-589	-10.7%
87.7%	5,443	4,834	-609	-11.2%
88.9%	5,399	4,804	-595	-11.0%
90.1%	5,369	4,779	-590	-11.0%
91.4%	5,261	4,776	-485	-9.2%
92.6%	5,144	4,757	-387	-7.5%
93.8%	4,950	4,707	-252	-5.1%
95.1%	4,854	4,678	-176	-3.6%
96.3%	4,850	4,584	-266	-5.5%
97.5%	4,838	4,580	-259	-5.3%
98.8%	4,746	4,335	-412	-8.7%
100.0%	3,451	4,154	702	20.4%

November				
Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	36,320	37,010	690	1.9%
1.2%	20,310	20,311	1	0.0%
2.5%	14,530	16,929	2,400	16.5%
3.7%	14,384	14,531	147	1.0%
4.9%	14,311	14,437	126	0.9%
6.2%	13,627	12,848	-778	-5.7%
7.4%	13,325	12,845	-481	-3.6%
8.6%	12,640	12,825	184	1.5%
9.9%	12,564	12,781	217	1.7%
11.1%	12,357	12,741	384	3.1%
12.3%	12,201	12,242	42	0.3%
13.6%	11,943	12,216	273	2.3%
14.8%	11,732	12,183	452	3.9%
16.0%	11,535	11,949	414	3.6%
17.3%	11,403	11,542	139	1.2%
18.5%	11,371	11,463	92	0.8%
19.8%	10,885	11,354	479	4.4%
21.0%	10,681	11,072	391	3.7%
22.2%	10,734	10,789	55	0.5%
23.5%	10,536	10,698	162	1.5%
24.7%	10,508	10,598	90	0.9%
25.9%	10,442	10,463	21	0.2%
27.2%	10,198	10,533	335	3.3%
28.4%	10,154	10,408	254	2.5%
29.6%	9,847	10,373	526	5.3%
30.9%	9,511	10,092	580	6.1%
32.1%	9,208	10,028	748	8.1%
33.3%	9,127	9,882	755	8.3%
34.6%	9,085	9,802	716	7.9%
35.8%	8,732	9,567	835	9.6%
37.0%	8,365	9,001	635	7.6%
38.3%	8,069	8,275	206	2.6%
39.5%	8,215	8,873	658	8.0%
40.7%	8,058	8,787	729	9.1%
42.0%	7,979	8,769	790	9.9%
43.2%	7,920	8,638	718	9.1%
44.4%	7,798	8,482	685	8.8%
45.7%	7,766	8,357	591	7.6%
46.9%	7,692	8,312	619	8.0%
48.1%	7,557	8,305	748	9.9%
49.4%	7,552	8,305	753	10.0%
50.6%	7,531	8,268	737	9.9%
51.9%	7,531	8,126	595	7.9%
53.1%	7,323	7,824	501	6.8%
54.3%	7,258	7,817	559	7.7%
55.6%	7,221	7,627	406	5.6%
56.8%	7,166	7,599	433	6.0%
58.0%	7,119	7,558	439	6.2%
59.3%	7,037	7,458	421	6.0%
60.5%	6,869	7,369	501	7.3%
61.7%	6,795	7,292	497	7.3%
63.0%	6,786	7,168	382	5.6%
64.2%	6,771	7,071	299	4.4%
65.4%	6,760	7,031	271	4.0%
66.7%	6,737	6,950	213	3.2%
67.9%	6,732	6,940	207	3.1%
69.1%	6,732	6,593	-139	-2.1%
70.4%	6,580	6,470	-110	-1.7%
71.6%	6,343	6,431	88	1.4%
72.8%	6,225	6,370	145	2.3%
74.1%	6,082	6,361	279	4.6%
75.3%	5,913	6,239	327	5.5%
76.5%	5,806	6,121	315	5.4%
77.8%	5,668	5,506	-162	-2.9%
79.0%	5,648	5,411	-236	-4.2%
80.2%	5,638	5,373	-265	-4.7%
81.5%	5,449	5,311	-138	-2.5%
82.7%	5,429	5,276	-153	-2.8%
84.0%	5,387	5,255	-132	-2.4%
85.2%	5,079	5,151	-72	-1.4%
86.4%	5,280	4,860	-420	-11.7%
87.7%	5,258	4,649	-610	-11.6%
88.9%	5,399	4,596	-803	-14.9%
90.1%	5,153	4,513	-640	-12.4%
91.4%	4,790	4,439	-351	-7.3%
92.6%	4,748	4,425	-322	-6.8%
93.8%	4,578	4,218	-360	-7.9%
95.1%	4,376	4,328	-48	-1.1%
96.3%	4,239	4,321	82	1.9%
97.5%	4,128	4,260	132	3.2%
98.8%	4,029	4,255	227	5.6%
100.0%	3,936	4,238	302	7.7%

December				
Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	42,822	42,823	1	0.0%
1.2%	41,269	41,269	-1,802	-4.4%
2.5%	34,922	34,908	-14	0.0%
3.7%	34,074	33,984	-91	-0.3%
4.9%	33,410	32,634	-777	-2.3%
6.2%	31,136	31,522	386	1.2%
7.4%	29,912	29,907	-5	0.0%
8.6%	29,696	27,926	-1,770	-6.0%
9.9%	25,091	27,873	2,782	11.1%
11.1%	23,809	24,997	1,188	5.0%
12.3%	22,287	23,781	1,493	6.7%
13.6%	21,560	23,110	1,550	7.2%
14.8%	21,351	22,763	1,412	6.6%
16.0%	20,125	21,347	1,221	6.1%
17.3%	18,729	20,884	2,156	11.5%
18.5%	18,189	20,217	2,028	11.2%
19.8%	17,210	19,869	2,659	15.5%
21.0%	16,249	16,053	-196	-1.2%
22.2%	15,283	15,604	322	2.1%
23.5%	14,883	15,285	403	2.7%
24.7%	14,038	14,884	846	6.0%
25.9%	13,574	13,404	-170	-1.3%
27.2%	11,964	13,342	1,378	11.5%
28.4%	11,837	11,962	125	1.1%
29.6%	11,462	11,832	370	3.2%
30.9%	10,318	11,323	1,005	9.7%
32.1%	10,115	10,697	582	5.8%
33.3%	9,607	10,365	758	7.9%
34.6%	9,114	10,339	1,225	13.4%
35.8%	9,104	10,319	1,215	13.3%
37.0%	9,074	10,228	1,154	12.7%
38.3%	8,927	9,598	671	7.5%
39.5%	8,872	9,080	208	2.3%
40.7%	8,860	9,071	210	2.4%
42.0%	8,688	8,988	300	3.5%
43.2%	7,771	8,907	1,136	14.6%
44.4%	7,415	8,876	1,462	19.7%
45.7%	7,384	8,876	1,492	20.2%
46.9%	7,383	8,503	1,120	15.2%
48.1%	7,342	8,282	940	12.8%
49.4%	7,231	8,225	994	13.7%
50.6%	6,951	8,161	1,210	17.4%
51.9%	6,823	7,828	1,005	14.7%
53.1%	6,810	7,771	961	14.1%
54.3%	6,783	7,763	980	14.4%
55.6%	6,775	7,736	961	14.2%
56.8%	6,771	7,650	880	13.0%
58.0%	6,681	7,587	906	13.6%
59.3%	6,603	7,485	882	13.4%
60.5%	6,255	7,479	1,224	19.6%
61.7%	6,243	7,386	1,143	18.3%
63.0%	6,143	7,330	1,187	19.3%
64.2%	5,994	7,105	1,110	18.5%
65.4%	5,954	7,060	1,106	18.6%
66.7%	5,831	6,967	1,136	19.5%
67.9%	5,815	6,960	1,145	19.7%
69.1%	5,705	6,922	1,217	21.3%
70.4%	5,690	6,868	1,177	20.7%
71.6%	5,676	6,799	1,123	19.8%
72.8%	5,570	6,777	1,207	21.7%
74.1%	5,524	6,693	1,169	21.2%
75.3%	5,475	6,543	1,068	19.5%
76.5%	5,461	6,462	1,000	18.3%
77.8%	5,365	6,450	1,084	20.2%
79.0%	5,347	6,152	805	15.1%
80.2%	5,293	5,980	686	13.0%
81.5%	5,235	5,951	717	13.7%
82.7%	5,883	5,839	-44	-0.8%
84.0%	5,163	5,725	562	10.9%
85.2%	5,153	5,416	262	5.1%
86.4%	5,126	5,408	282	5.5%
87.7%	5,046	5,121	75	1.5%
88.9%	4,931	5,267	336	6.8%
90.1%	4,891	5,151	260	5.3%
91.4%	4,816	5,135	319	6.6%
92.6%	4,778	5,126	348	7.3%
93.8%	4,711	4,816	105	2.

Table SW-11-7b
Sacramento River at Bend Bridge, Monthly Flow Probability of Exceedance

Percent Exceedance Probability	February		Absolute Difference (CFS)	Relative Difference (%)
	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)		
0.0%	73,741	73,738	-3	0.0%
1.2%	62,265	62,227	-38	-0.1%
2.5%	62,796	63,062	266	0.4%
3.7%	55,334	55,332	-2	0.0%
4.9%	48,194	49,752	1,557	3.2%
6.2%	47,418	49,587	2,170	4.6%
7.4%	45,743	47,084	1,341	2.9%
8.6%	43,850	43,891	41	0.1%
9.9%	43,343	43,346	3	0.0%
11.1%	42,098	42,759	662	1.6%
12.3%	39,597	40,349	752	1.9%
13.6%	39,566	39,601	35	0.1%
14.8%	37,756	37,774	17	0.0%
16.0%	32,915	32,914	-1	0.0%
17.3%	32,825	32,826	1	0.0%
18.5%	30,984	30,986	2	0.0%
19.8%	29,868	29,872	4	0.0%
21.0%	27,913	27,913	0	0.0%
22.2%	27,169	27,178	9	0.0%
23.5%	24,392	24,230	-162	-0.7%
24.7%	24,232	23,588	-643	-2.7%
25.9%	23,284	23,282	-2	0.0%
27.2%	20,793	23,033	2,239	10.8%
28.4%	20,711	20,803	92	0.4%
29.6%	19,550	20,713	1,163	5.9%
30.9%	17,705	20,131	2,426	13.7%
32.1%	17,422	16,557	-865	-5.0%
33.3%	16,589	16,127	-462	-2.8%
34.6%	15,790	15,287	-503	-3.2%
35.8%	15,288	14,918	-370	-2.4%
37.0%	14,927	14,478	-449	-3.0%
38.3%	13,915	13,924	9	0.1%
39.5%	13,842	13,678	-164	-1.2%
40.7%	13,102	13,644	542	4.1%
42.0%	12,925	13,109	184	1.4%
43.2%	12,797	12,918	121	0.9%
44.4%	12,302	12,300	-2	0.0%
45.7%	11,183	11,832	650	5.8%
46.9%	11,055	11,178	123	1.1%
48.1%	10,953	10,998	44	0.4%
49.4%	10,770	10,948	178	1.7%
50.6%	10,733	10,767	34	0.3%
51.9%	10,471	10,719	249	2.4%
53.1%	9,836	10,707	871	8.9%
54.3%	9,691	10,472	781	8.1%
55.6%	9,214	10,337	1,123	12.2%
56.8%	8,953	10,104	1,151	12.8%
58.0%	8,944	9,715	771	8.6%
59.3%	8,826	9,682	856	9.7%
60.5%	8,597	9,192	594	6.9%
61.7%	8,587	9,149	562	6.5%
63.0%	8,528	8,951	423	5.0%
64.2%	8,450	8,841	390	4.6%
65.4%	8,182	8,799	618	7.5%
66.7%	7,885	8,600	715	9.1%
67.9%	7,822	8,585	763	9.8%
69.1%	7,680	8,388	708	9.2%
70.4%	7,649	8,380	731	9.6%
71.6%	7,575	8,180	606	8.0%
72.8%	7,354	8,027	673	9.2%
74.1%	7,145	7,857	712	10.0%
75.3%	6,833	7,695	862	12.6%
76.5%	6,828	7,588	760	11.1%
77.8%	6,797	7,582	785	11.6%
79.0%	6,633	7,332	699	10.5%
80.2%	6,630	7,148	518	7.8%
81.5%	6,543	7,139	596	9.1%
82.7%	6,494	7,046	553	8.5%
84.0%	5,844	6,968	1,124	19.2%
85.2%	5,509	6,874	1,364	24.8%
86.4%	5,471	6,774	1,303	23.8%
87.7%	5,403	6,660	1,257	23.3%
88.9%	5,377	6,022	645	12.0%
90.1%	5,165	5,912	747	14.5%
91.4%	5,143	5,621	477	9.3%
92.6%	5,056	5,421	365	7.2%
93.9%	4,970	5,375	405	8.2%
95.1%	4,910	5,165	255	5.2%
96.3%	4,794	5,056	262	5.5%
97.5%	4,666	4,972	306	6.5%
98.8%	4,495	4,665	170	3.8%
100.0%	4,441	4,459	18	0.4%

Percent Exceedance Probability	March		Absolute Difference (CFS)	Relative Difference (%)
	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)		
0.0%	69,281	69,286	5	0.0%
1.2%	68,130	68,132	2	0.0%
2.5%	53,612	53,617	7	0.0%
3.7%	50,175	50,107	-68	-0.1%
4.9%	46,777	46,778	1	0.0%
6.2%	39,468	35,344	-4,124	-10.4%
7.4%	37,471	33,114	-4,357	-11.6%
8.6%	31,967	31,948	-19	-0.1%
9.9%	29,384	29,387	3	0.0%
11.1%	26,760	26,747	-13	0.0%
12.3%	25,167	25,169	3	0.0%
13.6%	23,886	24,166	280	1.2%
14.8%	21,388	21,388	0	0.0%
16.0%	20,528	20,532	5	0.0%
17.3%	19,947	19,930	-16	-0.1%
18.5%	19,929	19,135	-794	-4.0%
19.8%	19,871	19,108	-763	-3.8%
21.0%	19,134	18,978	-156	-0.8%
22.2%	18,532	18,534	2	0.0%
23.5%	18,238	18,448	210	1.2%
24.7%	17,674	17,686	12	0.1%
25.9%	17,354	15,688	-1,666	-9.6%
27.2%	15,647	14,804	-843	-5.4%
28.4%	15,302	14,256	-1,046	-6.8%
29.6%	14,801	13,468	-1,333	-9.0%
30.9%	14,581	13,182	-1,399	-9.6%
32.1%	14,258	12,459	-1,799	-12.6%
33.3%	13,653	12,350	-1,303	-9.5%
34.6%	12,557	12,340	-217	-1.7%
35.8%	12,342	11,696	-646	-5.2%
37.0%	11,751	11,687	-64	-0.5%
38.3%	11,693	11,637	-56	-0.5%
39.5%	11,358	10,889	-469	-4.1%
40.7%	10,908	10,670	-238	-2.2%
42.0%	10,645	10,141	-503	-4.7%
43.2%	9,968	9,969	1	0.0%
44.4%	9,798	9,801	3	0.0%
45.7%	9,735	9,731	-4	0.0%
46.9%	9,700	9,692	-8	-0.1%
48.1%	9,419	9,416	-3	0.0%
49.4%	9,087	9,068	-19	-0.2%
50.6%	9,033	8,928	-105	-1.2%
51.9%	8,992	8,778	-214	-2.4%
53.1%	8,776	8,699	-77	-0.9%
54.3%	8,697	8,607	-90	-1.0%
55.6%	8,605	8,535	-70	-0.8%
56.8%	8,491	8,405	-86	-1.0%
58.0%	8,153	8,165	12	0.2%
59.3%	8,092	8,097	5	0.1%
60.5%	8,017	8,009	-8	-0.1%
61.7%	7,902	7,905	-3	-0.0%
63.0%	7,808	7,766	-43	-0.6%
64.2%	7,765	7,763	-2	0.0%
65.4%	7,764	7,754	-9	-0.1%
66.7%	7,759	7,675	-84	-1.1%
67.9%	7,467	7,463	-3	0.0%
69.1%	7,448	7,444	-4	0.0%
70.4%	7,189	7,189	0	0.0%
71.6%	7,083	7,085	2	0.0%
72.8%	6,900	6,892	-7	-0.1%
74.1%	6,882	6,884	2	0.0%
75.3%	6,832	6,838	6	0.1%
76.5%	6,801	6,799	-2	0.0%
77.8%	6,755	6,753	-2	0.0%
79.0%	6,399	6,397	-2	0.0%
80.2%	5,876	5,870	-7	-0.1%
81.5%	5,946	5,946	0	0.0%
82.7%	5,793	5,794	1	0.0%
84.0%	5,674	5,674	0	0.0%
85.2%	5,665	5,665	-10	-0.2%
86.4%	5,531	5,536	5	0.1%
87.7%	5,469	5,469	0	0.0%
88.9%	5,283	5,146	-137	-2.6%
90.1%	5,214	5,029	-185	-3.6%
91.4%	5,038	4,930	-108	-2.1%
92.6%	4,930	4,859	-71	-1.4%
93.9%	4,813	4,755	-57	-1.2%
95.1%	4,805	4,729	-76	-1.6%
96.3%	4,767	4,603	-164	-3.4%
97.5%	4,618	4,387	-231	-5.0%
98.8%	4,368	4,183	-185	-4.2%
100.0%	4,197	3,985	-213	-5.1%

Percent Exceedance Probability	April		Absolute Difference (CFS)	Relative Difference (%)
	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)		
0.0%	41,231	41,235	4	0.0%
1.2%	33,731	33,731	0	0.0%
2.5%	24,731	24,733	2	0.0%
3.7%	23,667	23,667	0	0.0%
4.9%	22,398	22,400	2	0.0%
6.2%	22,070	22,066	-4	0.0%
7.4%	17,934	17,933	-1	0.0%
8.6%	17,612	17,615	3	0.0%
9.9%	17,573	17,572	0	0.0%
11.1%	16,912	16,913	1	0.0%
12.3%	16,879	16,885	6	0.0%
13.6%	16,204	15,745	-459	-2.8%
14.8%	15,744	15,741	-3	0.0%
16.0%	14,572	14,575	3	0.0%
17.3%	14,317	14,321	4	0.0%
18.5%	14,172	14,178	6	0.0%
19.8%	13,397	13,197	-200	-1.5%
21.0%	13,196	12,492	-704	-5.3%
22.2%	11,941	11,943	2	0.0%
23.5%	11,702	11,702	0	0.0%
24.7%	11,304	11,305	1	0.0%
25.9%	10,873	10,869	-4	0.0%
27.2%	10,482	10,330	-153	-1.5%
28.4%	9,935	10,314	380	3.8%
29.6%	9,824	9,761	-63	-0.6%
30.9%	9,743	9,671	-71	-0.7%
32.1%	9,704	9,380	-323	-3.3%
33.3%	9,425	9,255	-170	-1.8%
34.6%	9,256	9,195	-61	-0.7%
35.8%	9,204	9,155	-49	-0.5%
37.0%	9,191	9,327	136	1.5%
38.3%	9,091	8,939	-152	-1.7%
39.5%	8,944	8,811	-133	-1.5%
40.7%	8,926	8,747	-180	-2.0%
42.0%	8,890	8,711	-180	-2.0%
43.2%	8,836	8,651	-185	-2.1%
44.4%	8,819	8,603	-215	-2.4%
45.7%	8,759	8,538	-222	-2.5%
46.9%	8,719	8,529	-190	-2.2%
48.1%	8,604	8,445	-160	-1.9%
49.4%	8,552	8,415	-137	-1.6%
50.6%	8,533	8,268	-265	-3.1%
51.9%	8,509	8,159	-350	-4.1%
53.1%	8,502	7,920	-582	-6.8%
54.3%	8,479	7,830	-649	-7.7%
55.6%	8,440	7,754	-686	-8.1%
56.8%	8,195	7,686	-509	-6.2%
58.0%	8,110	7,406	-704	-8.7%
59.3%	8,105	7,354	-751	-9.3%
60.5%	7,964	7,339	-625	-7.8%
61.7%	7,912	7,131	-781	-9.9%
63.0%	7,866	7,055	-810	-10.3%
64.2%	7,734	7,036	-698	-9.0%
65.4%	7,657	7,033	-624	-8.1%
66.7%	7,630	6,967	-663	-8.7%
67.9%	7,556	6,980	-576	-7.5%
69.1%	7,550	6,934	-616	-8.2%
70.4%	7,418	6,855	-563	-7.6%
71.6%	7,381	6,833	-548	-7.4%
72.8%	7,305	6,813	-492	-6.7%
74.1%	7,296	6,769	-527	-7.1%
75.3%	7,256	6,705	-551	-7.6%
76.5%	7,254	6,668	-586	-8.1%
77.8%	7,228	6,653	-574	-7.9%
79.0%	7,147	6,607	-540	-7.6%
80.2%	7,122	6,582	-540	-7.6%
81.5%	7,050	6,566	-484	-6.9%
82.7%	7,016	6,487	-529	-7.5%
84.0%	6,940	6,473	-467	-6.7%
85.2%	6,872	6,462	-410	-6.0%
86.4%	6,806	6,282	-523	-7.7%
87.7%	6,783	6,154	-629	-9.3%
88.9%	6,733	6		

Table SW-11-7b
Sacramento River at Bend Bridge, Monthly Flow
Probability of Exceedance

June					July					August					September				
Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	25,043	25,045	2	0.0%	0.0%	17,021	17,022	1	0.0%	0.0%	14,735	14,736	1	0.0%	0.0%	16,774	15,241	-1,533	-9.1%
1.2%	17,350	17,350	0	0.0%	1.2%	16,939	16,939	-15	-0.1%	1.2%	13,942	14,493	548	3.9%	1.2%	15,295	14,511	-784	-5.1%
2.5%	15,488	15,251	-237	-1.5%	2.5%	16,320	16,391	71	0.4%	2.5%	13,922	13,937	16	0.1%	2.5%	15,276	14,714	-562	-3.7%
3.7%	15,474	15,156	-318	-2.1%	3.7%	15,597	15,973	377	2.4%	3.7%	13,739	13,729	-11	-0.1%	3.7%	15,182	14,335	-848	-5.6%
4.9%	15,121	13,180	-1,941	-12.8%	4.9%	15,434	15,841	407	2.6%	4.9%	13,725	13,339	-385	-2.8%	4.9%	15,152	14,096	-1,056	-7.0%
6.2%	14,805	13,159	-1,646	-11.1%	6.2%	15,395	15,829	434	2.8%	6.2%	13,606	13,206	-400	-2.9%	6.2%	14,779	14,056	-723	-4.9%
7.4%	14,957	13,082	-1,875	-12.5%	7.4%	15,352	15,739	377	2.5%	7.4%	13,567	12,927	-640	-4.7%	7.4%	14,745	13,984	-761	-5.2%
8.6%	13,840	12,856	-984	-7.1%	8.6%	15,324	15,580	256	1.7%	8.6%	13,206	12,581	-624	-4.7%	8.6%	13,864	13,877	13	0.1%
9.9%	13,454	12,733	-721	-5.4%	9.9%	15,321	15,475	155	1.0%	9.9%	12,741	12,562	-178	-1.4%	9.9%	13,501	13,814	313	2.3%
11.1%	13,235	12,677	-558	-4.2%	11.1%	15,320	15,309	-11	-0.1%	11.1%	12,673	12,557	-116	-0.9%	11.1%	13,438	13,706	268	2.0%
12.3%	13,234	12,408	-826	-6.2%	12.3%	15,281	15,078	-194	-1.3%	12.3%	12,537	12,528	-9	-0.1%	12.3%	13,378	13,521	145	1.1%
13.6%	13,019	12,408	-611	-4.7%	13.6%	15,205	15,080	-125	-0.9%	13.6%	12,438	12,311	-127	-1.0%	13.6%	13,290	13,327	37	0.3%
14.8%	12,908	12,336	-572	-4.4%	14.8%	15,171	15,041	-130	-0.9%	14.8%	12,340	12,121	-219	-1.8%	14.8%	13,217	13,211	-6	-0.0%
16.0%	12,759	12,282	-478	-3.7%	16.0%	15,092	15,012	-80	-0.5%	16.0%	12,252	12,042	-210	-1.7%	16.0%	13,177	12,441	-736	-5.6%
17.3%	12,745	12,214	-531	-4.2%	17.3%	15,031	14,937	-94	-0.6%	17.3%	12,151	12,019	-132	-1.1%	17.3%	12,779	12,336	-443	-3.5%
18.5%	12,674	12,196	-478	-3.8%	18.5%	15,018	14,908	-110	-0.7%	18.5%	11,955	11,872	-82	-0.7%	18.5%	12,769	12,029	-740	-5.8%
19.8%	12,625	12,010	-614	-4.9%	19.8%	15,008	14,902	-106	-0.7%	19.8%	11,841	11,810	-31	-0.3%	19.8%	12,525	11,620	-905	-7.2%
21.0%	12,521	11,965	-556	-4.4%	21.0%	14,977	14,872	-106	-0.7%	21.0%	11,691	11,657	-34	-0.3%	21.0%	12,507	11,598	-909	-7.3%
22.2%	12,493	11,958	-536	-4.3%	22.2%	14,960	14,867	-93	-0.6%	22.2%	11,601	11,514	-86	-0.7%	22.2%	12,136	11,574	-562	-4.6%
23.5%	12,391	11,951	-440	-3.6%	23.5%	14,941	14,696	-245	-1.6%	23.5%	11,588	11,481	-107	-0.9%	23.5%	12,006	11,462	-548	-4.6%
24.7%	12,359	11,902	-456	-3.7%	24.7%	14,908	14,664	-245	-1.6%	24.7%	11,443	11,346	-96	-0.8%	24.7%	11,717	11,425	-292	-2.5%
25.9%	12,351	11,811	-540	-4.4%	25.9%	14,897	14,653	-246	-1.7%	25.9%	11,427	11,327	-99	-0.9%	25.9%	11,607	11,068	-539	-4.6%
27.2%	12,323	11,801	-523	-4.2%	27.2%	14,870	14,496	-374	-2.5%	27.2%	11,301	11,177	-124	-1.1%	27.2%	10,974	10,721	-253	-2.3%
28.4%	12,305	11,750	-555	-4.5%	28.4%	14,783	14,475	-308	-2.1%	28.4%	11,208	11,055	-153	-1.4%	28.4%	10,941	10,747	-195	-1.8%
29.6%	12,235	11,640	-595	-4.9%	29.6%	14,772	14,253	-518	-3.5%	29.6%	11,206	10,956	-251	-2.2%	29.6%	10,465	9,820	-645	-6.2%
30.9%	12,135	11,625	-510	-4.2%	30.9%	14,679	14,238	-441	-3.0%	30.9%	11,183	10,952	-231	-2.1%	30.9%	10,056	9,806	-250	-2.5%
32.1%	12,031	11,622	-409	-3.4%	32.1%	14,650	14,227	-423	-2.9%	32.1%	11,132	10,893	-239	-2.1%	32.1%	9,977	9,503	-475	-4.8%
33.3%	12,014	11,609	-405	-3.4%	33.3%	14,460	13,909	-552	-3.8%	33.3%	11,053	10,880	-173	-1.5%	33.3%	9,958	9,382	-576	-5.8%
34.6%	11,959	11,578	-381	-3.2%	34.6%	14,421	13,899	-523	-3.6%	34.6%	11,048	10,669	-379	-3.4%	34.6%	9,575	9,375	-200	-2.1%
35.8%	11,839	11,522	-316	-2.7%	35.8%	14,212	13,854	-358	-2.5%	35.8%	10,995	10,666	-329	-3.0%	35.8%	9,470	7,901	-1,569	-16.6%
37.0%	11,817	11,515	-302	-2.6%	37.0%	14,145	13,833	-312	-2.2%	37.0%	10,989	10,618	-371	-3.4%	37.0%	9,222	7,753	-1,470	-15.9%
38.3%	11,806	11,453	-353	-3.0%	38.3%	14,092	13,816	-276	-2.0%	38.3%	10,855	10,582	-273	-2.5%	38.3%	9,040	7,530	-1,510	-16.8%
39.5%	11,803	11,423	-380	-3.2%	39.5%	14,041	13,591	-449	-3.2%	39.5%	10,930	10,529	-401	-3.7%	39.5%	8,934	7,338	-1,597	-17.9%
40.7%	11,756	11,190	-566	-4.8%	40.7%	14,027	13,466	-561	-4.0%	40.7%	10,930	10,491	-439	-4.0%	40.7%	8,306	7,308	-998	-12.0%
42.0%	11,745	11,169	-576	-4.9%	42.0%	13,901	13,457	-444	-3.2%	42.0%	10,914	10,442	-472	-4.3%	42.0%	7,604	7,193	-411	-5.4%
43.2%	11,735	11,086	-648	-5.5%	43.2%	13,866	13,426	-440	-3.2%	43.2%	10,898	10,376	-522	-4.8%	43.2%	7,217	6,892	-325	-3.2%
44.4%	11,711	11,049	-663	-5.7%	44.4%	13,591	13,285	-306	-2.3%	44.4%	10,855	10,324	-531	-5.2%	44.4%	7,163	6,379	-784	-11.0%
45.7%	11,672	11,015	-658	-5.6%	45.7%	13,564	13,300	-264	-1.9%	45.7%	10,852	10,308	-544	-5.0%	45.7%	7,143	6,873	-270	-3.8%
46.9%	11,668	10,967	-702	-6.0%	46.9%	13,545	13,261	-285	-2.1%	46.9%	10,811	10,269	-542	-5.0%	46.9%	7,113	6,865	-247	-3.5%
48.1%	11,546	10,946	-600	-5.2%	48.1%	13,489	13,218	-271	-2.0%	48.1%	10,736	10,224	-512	-4.8%	48.1%	7,057	6,591	-466	-6.6%
49.4%	11,509	10,915	-593	-5.2%	49.4%	13,448	13,141	-307	-2.3%	49.4%	10,674	10,208	-466	-4.4%	49.4%	6,913	6,591	-322	-4.7%
50.6%	11,473	10,881	-592	-5.1%	50.6%	13,397	13,114	-283	-2.1%	50.6%	10,649	10,130	-520	-5.0%	50.6%	6,850	6,556	-295	-4.3%
51.9%	11,451	10,829	-622	-5.4%	51.9%	13,363	13,102	-261	-2.0%	51.9%	10,630	10,075	-555	-5.2%	51.9%	6,830	6,518	-312	-4.6%
53.1%	11,448	10,822	-626	-5.5%	53.1%	13,315	12,909	-406	-3.1%	53.1%	10,593	10,071	-522	-4.9%	53.1%	6,700	6,444	-256	-3.8%
54.3%	11,438	10,820	-617	-5.4%	54.3%	13,291	12,902	-389	-2.9%	54.3%	10,492	10,040	-452	-4.3%	54.3%	6,415	6,439	24	0.4%
55.6%	11,420	10,812	-608	-5.3%	55.6%	13,175	12,849	-326	-2.5%	55.6%	10,462	10,038	-424	-4.1%	55.6%	6,394	6,356	-38	-0.6%
56.8%	11,354	10,809	-545	-4.8%	56.8%	13,125	12,836	-290	-2.2%	56.8%	10,351	9,975	-376	-3.6%	56.8%	6,370	6,352	-18	-0.3%
58.0%	11,330	10,785	-545	-4.8%	58.0%	13,104	12,763	-340	-2.6%	58.0%	10,334	9,961	-374	-3.6%	58.0%	6,322	6,343	20	0.3%
59.3%	11,279	10,749	-530	-4.7%	59.3%	13,079	12,723	-356	-2.7%	59.3%	10,334	9,925	-409	-4.0%	59.3%	6,227	6,333	107	1.7%
60.5%	11,266	10,738	-528	-4.7%	60.5%	13,071	12,677	-395	-3.0%	60.5%	10,227	9,915	-313	-3.1%	60.5%	6,207	6,294	87	1.4%
61.7%	11,258	10,726	-531	-4.7%	61.7%	13,009	12,629	-380	-2.9%	61.7%	10,203	9,904	-299	-2.9%	61.7%	6,141	6,178	36	0.6%
63.0%	11,255	10,599	-656	-5.8%	63.0%	12,853	12,618	-235	-1.8%	63.0%	10,186	9,808	-378	-3.8%	63.0%	6,133	6,141	8	0.1%
64.2%	11,228	10,561	-667	-5.9%	64.2%	12,790	12,613	-177	-1.4%	64.2%	10,125	9,807	-319	-3.1%	64.2%	6,122	6,135	13	0.2%
65.4%	11,227	10,530	-697	-6.2%	65.4%	12,710	12,604	-106	-0.8%	65.4%	10,078	9,793	-285	-2.8%	65.4%	6,032	6,085	53	0.9%
66.7%	11,214	10,475	-739	-6.6%	66.7%	12,657	12,603	-54	-0.4%	66.7%	9,991	9,786	-206	-2.1%	66.7%	6,027	6,008	-19	-0.3%
67.9%	11,120	10,469	-651	-5.9%	67.9%	12,487	12,553	66	0.5%	67.9%	9,913	9,763	-150	-1.5%	67.9%	6,019	5,984	-35	-0.6%
69.1%	10,966	10,467	-499	-4.6%	69.1%	12,464	12,427	-37	-0.3%	69.1%	9,893	9,721	-172	-1.7%	69.1%	5,995	5,922	-73	-1.2%
70.4%	10,950	10,379	-571	-5.2%	70.4%	12,406	12,327	-78	-0.6%	70.4%	9,835	9,705	-130	-1.3%	70.4%	5,991	5,853	-138	-2.3%
71.6%	10,921	10,345	-576	-5.3%	71.6%	12,405	12,282	-123	-1.0%	71.6%	9,823	9,695	-128	-1.3%	71.6%	5,823	5,852	30	0.5%
72.8%	10,873	10,305	-568	-5.2%	72.8%	12,403	12,271	-131	-1.1%	72.8%	9,798	9,688	-110	-1.1%	72.8%	5,806	5,796	-9	-0.2%
74.1%	10,641	10,297	-344	-3.2%	74.1%	12,386	12,232	-154	-1.2%	74.1%	9,707	9,676	-31	-0.3%	74.1%	5,792	5,793	1	0.0%
75.3%	10,609	10,245	-364	-3.4%	75.3%	12,360	12,215	-145	-1.2%	75.3%	9,659	9,667	9	0.1%	75.3%	5,751	5,787	35	0.6%
76.5%	10,600	10,240	-360	-3.4%	76.5%	12,336	12,177	-159	-1.3%	76.5%	9,614	9,662	48	0.5%	76.5%	5,736	5,730	-6	-0.1%
7																			

Table SW-12-7a
Sacramento River below Red Bluff Diversion Dam, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	7,009	8,619	11,525	15,263	18,025	14,624	10,566	9,505	11,044	12,615	10,052	8,336
Alternative C	6,929	8,765	11,566	14,323	17,182	13,364	9,991	9,201	10,904	12,845	9,966	8,154
Difference	-80	146	41	-940	-843	-1,260	-575	-304	-139	230	-86	-182
Percent Difference ³	-1.1%	1.7%	0.4%	-6.2%	-4.7%	-8.6%	-5.4%	-3.2%	-1.3%	1.8%	-0.9%	-2.2%
Water Year Types²												
Wet (32%)												
No Action Alternative	8,110	11,165	12,073	27,709	30,272	25,221	15,212	11,926	10,975	12,224	10,305	12,617
Alternative C	8,393	11,203	11,985	26,673	29,403	24,421	15,006	11,932	11,709	12,285	10,059	12,336
Difference	283	38	-89	-1,036	-868	-800	-206	6	733	61	-246	-281
Percent Difference	3.5%	0.3%	-0.7%	-3.7%	-2.9%	-3.2%	-1.4%	0.1%	6.7%	0.5%	-2.4%	-2.2%
Above Normal (15%)												
No Action Alternative	6,889	10,585	11,813	16,316	23,461	16,046	10,312	9,441	11,141	13,240	9,956	8,419
Alternative C	6,981	10,935	11,863	14,216	22,253	14,422	9,813	9,417	10,845	13,837	9,465	7,735
Difference	93	350	50	-2,100	-1,209	-1,624	-499	-24	-296	596	-491	-684
Percent Difference	1.3%	3.3%	0.4%	-12.9%	-5.2%	-10.1%	-4.8%	-0.3%	-2.7%	4.5%	-4.9%	-8.1%
Below Normal (17%)												
No Action Alternative	6,325	7,396	13,046	9,331	11,836	8,942	8,376	8,226	10,834	12,363	9,710	5,646
Alternative C	6,751	7,759	13,172	8,186	10,972	7,261	8,172	8,011	10,190	13,117	9,249	5,797
Difference	426	364	125	-1,145	-864	-1,681	-204	-215	-644	754	-461	151
Percent Difference	6.7%	4.9%	1.0%	-12.3%	-7.3%	-18.8%	-2.4%	-2.6%	-5.9%	6.1%	-4.7%	2.7%
Dry (22%)												
No Action Alternative	6,663	6,712	12,765	7,117	9,125	8,457	7,730	8,323	11,334	13,040	10,432	6,002
Alternative C	5,830	6,997	13,147	6,826	8,421	6,814	6,603	7,615	10,651	13,064	10,405	6,065
Difference	-833	285	382	-291	-704	-1,643	-1,127	-708	-683	24	-27	63
Percent Difference	-12.5%	4.2%	3.0%	-4.1%	-7.7%	-19.4%	-14.6%	-8.5%	-6.0%	0.2%	-0.3%	1.1%
Critical (15%)												
No Action Alternative	6,057	5,427	6,415	6,383	6,625	6,124	7,565	7,586	10,903	12,494	9,431	5,618
Alternative C	5,560	5,142	6,116	6,077	6,017	5,297	6,507	6,832	10,436	12,421	10,447	5,399
Difference	-497	-285	-298	-306	-608	-827	-1,058	-753	-467	-73	1,016	-220
Percent Difference	-8.2%	-5.2%	-4.6%	-4.8%	-9.2%	-13.5%	-14.0%	-9.9%	-4.3%	-0.6%	10.8%	-3.9%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

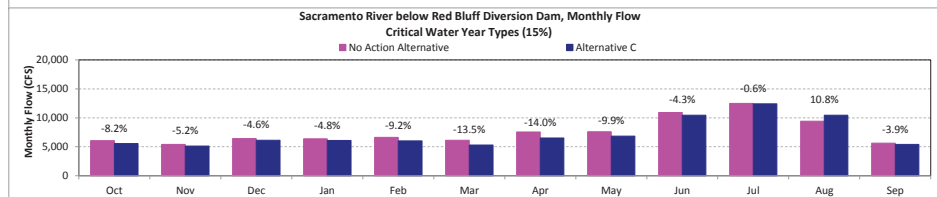
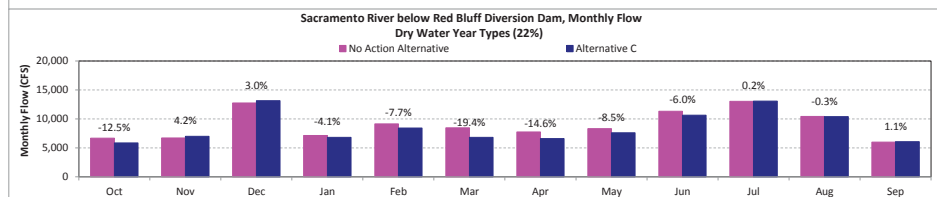
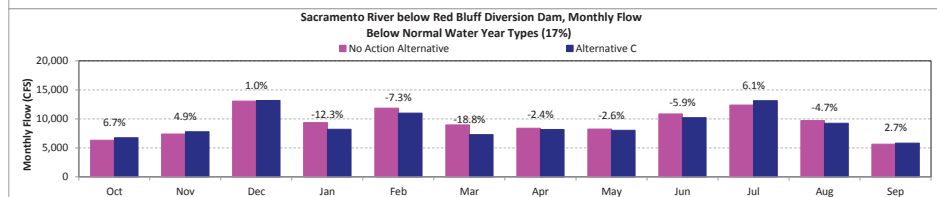
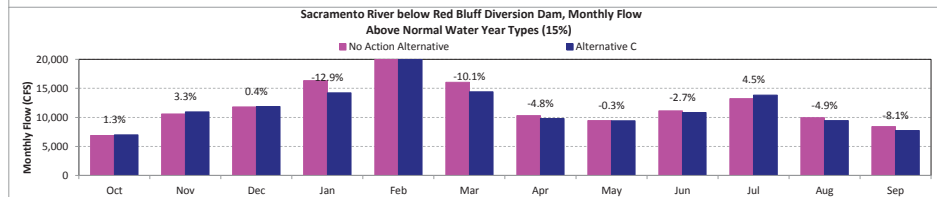
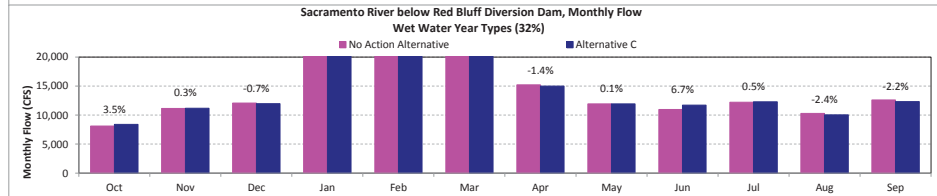
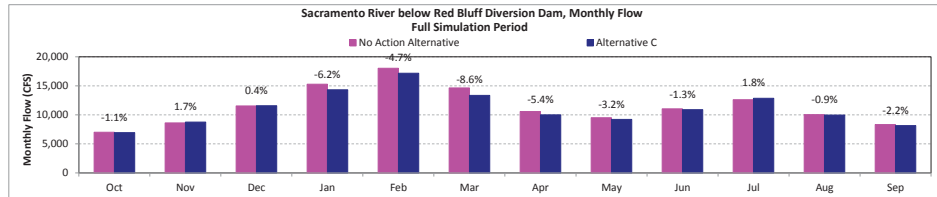


Figure SW-12-7b
Sacramento River below Red Bluff Diversion Dam, Monthly Flow
Probability of Exceedance

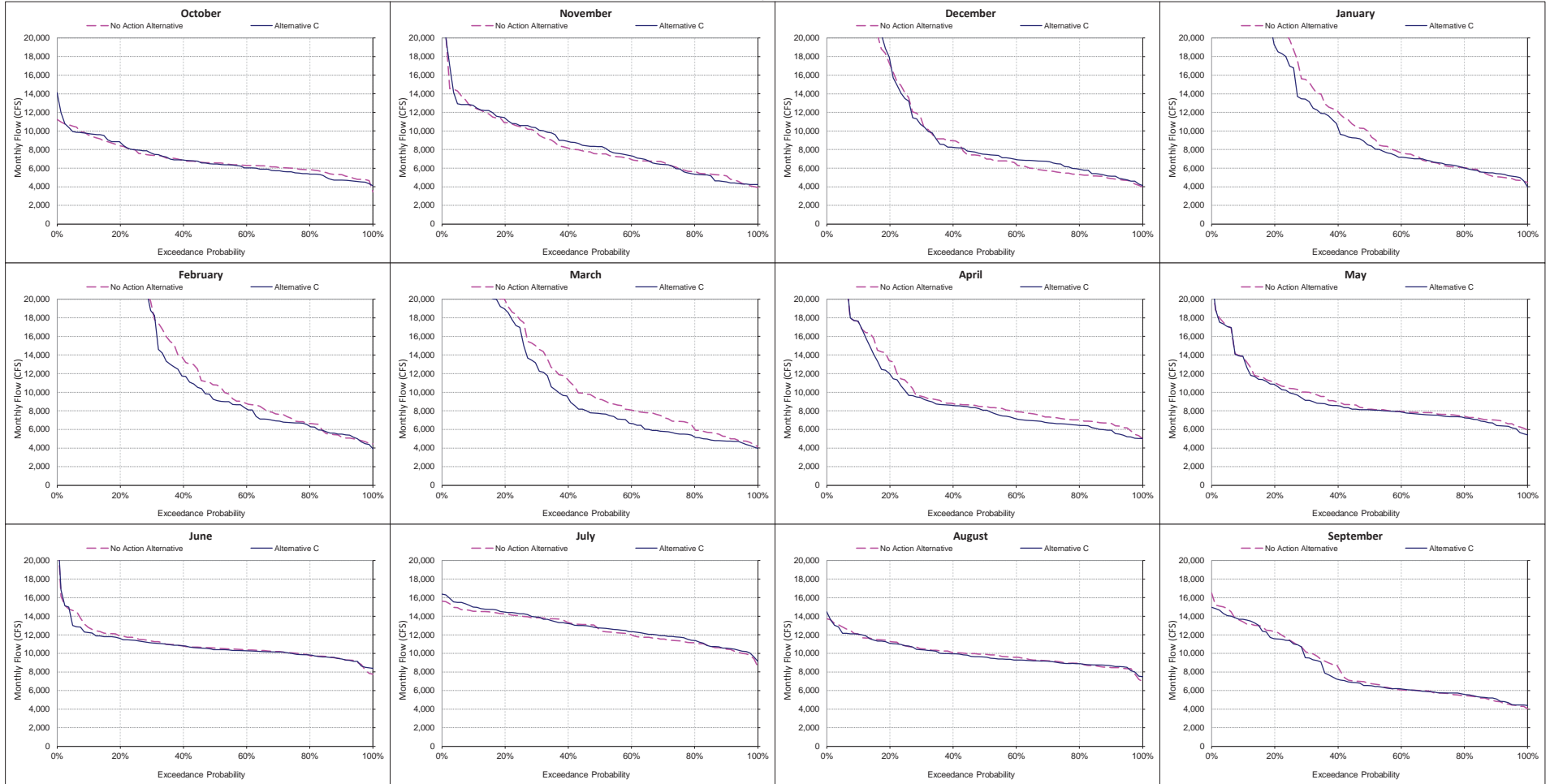


Table SW-12-7b
 Sacramento River below Red Bluff Diversion Dam, Monthly Flow
 Probability of Exceedance

Percent Exceedance Probability	October			
	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	11,234	14,115	2,881	25.6%
0.2%	10,247	11,866	1,619	15.8%
2.5%	10,748	10,767	20	0.2%
3.7%	10,673	10,378	-295	-2.8%
4.9%	10,532	9,928	-603	-5.7%
6.2%	10,406	9,866	-540	-5.2%
7.4%	9,314	9,834	520	5.6%
8.6%	9,860	9,763	-98	-1.0%
9.9%	9,573	9,740	167	1.7%
11.1%	9,412	9,674	262	2.8%
12.3%	9,271	9,613	343	3.7%
13.6%	9,162	9,608	446	4.9%
14.8%	8,923	9,515	592	6.6%
16.0%	8,855	9,036	181	2.0%
17.3%	8,703	8,862	159	1.8%
18.5%	8,581	8,859	277	3.2%
19.8%	8,400	8,841	441	5.2%
21.0%	8,335	8,473	139	1.7%
22.2%	8,165	8,179	14	0.2%
23.5%	8,026	8,042	16	0.2%
24.7%	7,987	7,970	-18	-0.2%
25.9%	7,978	7,945	-33	-0.4%
27.2%	7,566	7,887	322	4.2%
28.4%	7,443	7,869	427	5.7%
29.6%	7,403	7,645	243	3.3%
30.9%	7,384	7,482	97	1.3%
32.1%	7,369	7,452	83	1.1%
33.3%	7,273	7,290	16	0.2%
34.6%	7,103	7,209	106	1.5%
35.8%	7,092	6,981	-112	-1.6%
37.0%	7,075	6,907	-168	-2.4%
38.3%	6,976	6,807	-169	-2.4%
39.5%	6,881	6,894	13	0.2%
40.7%	6,767	6,836	70	1.0%
42.0%	6,759	6,827	68	1.0%
43.2%	6,751	6,781	30	0.4%
44.4%	6,678	6,768	90	1.4%
45.7%	6,652	6,573	-79	-1.2%
46.9%	6,602	6,567	-34	-0.5%
48.1%	6,592	6,483	-109	-1.7%
49.4%	6,578	6,460	-118	-1.8%
50.6%	6,562	6,456	-106	-1.6%
51.9%	6,551	6,401	-150	-2.3%
53.1%	6,516	6,380	-136	-2.1%
54.3%	6,432	6,369	-63	-1.0%
55.6%	6,359	6,336	-24	-0.4%
56.8%	6,352	6,294	-58	-0.9%
58.0%	6,343	6,230	-113	-1.8%
59.3%	6,312	6,041	-271	-4.3%
60.5%	6,288	6,029	-259	-4.1%
61.7%	6,284	6,025	-258	-4.1%
63.0%	6,282	6,003	-279	-4.4%
64.2%	6,263	5,903	-360	-5.7%
65.4%	6,241	5,889	-352	-5.6%
66.7%	6,186	5,879	-307	-5.0%
67.9%	6,155	5,751	-405	-6.6%
69.1%	6,137	5,724	-412	-6.7%
70.4%	6,063	5,713	-351	-5.8%
71.6%	6,059	5,643	-416	-6.9%
72.8%	6,023	5,608	-414	-6.9%
74.1%	6,003	5,602	-402	-6.7%
75.3%	5,989	5,509	-480	-8.0%
76.5%	5,904	5,465	-438	-7.4%
77.8%	5,860	5,426	-435	-7.4%
79.0%	5,845	5,425	-420	-7.2%
80.2%	5,845	5,360	-485	-8.3%
81.5%	5,776	5,354	-424	-7.3%
82.7%	5,720	5,325	-395	-6.9%
84.0%	5,602	5,248	-355	-6.3%
85.2%	5,522	5,007	-515	-9.3%
86.4%	5,387	4,831	-556	-10.3%
87.7%	5,345	4,718	-628	-11.7%
88.9%	5,327	4,714	-613	-11.5%
90.1%	5,301	4,713	-588	-11.1%
91.4%	5,150	4,703	-447	-8.7%
92.6%	5,082	4,670	-412	-8.1%
93.9%	4,907	4,639	-268	-5.5%
95.1%	4,798	4,560	-239	-5.0%
96.3%	4,790	4,531	-258	-5.4%
97.5%	4,764	4,504	-260	-5.4%
98.8%	4,673	4,322	-351	-7.5%
100.0%	3,452	4,092	641	18.6%

Percent Exceedance Probability	November			
	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	36,392	34,960	-1,431	-3.9%
0.2%	20,440	20,111	-329	-1.6%
2.5%	14,550	17,019	2,468	17.0%
3.7%	14,481	14,165	-316	-2.2%
4.9%	14,307	12,920	-1,387	-9.7%
6.2%	13,757	12,854	-903	-6.6%
7.4%	13,368	12,849	-517	-3.8%
8.6%	12,788	12,846	59	0.5%
9.9%	12,591	12,774	183	1.5%
11.1%	12,356	12,446	90	0.7%
12.3%	12,239	12,268	27	0.2%
13.6%	11,992	12,200	207	1.7%
14.8%	11,841	12,198	357	3.0%
16.0%	11,510	11,967	457	4.0%
17.3%	11,403	11,574	171	1.5%
18.5%	11,402	11,496	94	0.8%
19.8%	11,088	11,453	365	3.2%
21.0%	10,881	11,074	193	1.8%
22.2%	10,744	10,799	55	0.5%
23.5%	10,586	10,786	200	1.9%
24.7%	10,483	10,592	109	1.0%
25.9%	10,463	10,684	221	2.1%
27.2%	10,187	10,578	391	3.8%
28.4%	10,169	10,421	252	2.5%
29.6%	9,987	10,365	377	3.8%
30.9%	9,513	10,081	568	6.0%
32.1%	9,294	10,020	726	7.8%
33.3%	9,132	9,862	730	8.0%
34.6%	9,057	9,798	741	8.2%
35.8%	8,775	9,604	830	9.5%
37.0%	8,363	8,988	625	7.5%
38.3%	8,321	8,882	562	6.8%
39.5%	8,211	8,901	690	8.4%
40.7%	8,076	8,805	729	9.0%
42.0%	8,013	8,760	747	9.3%
43.2%	7,979	8,644	665	8.3%
44.4%	7,977	8,474	597	7.5%
45.7%	7,770	8,397	627	8.1%
46.9%	7,750	8,354	604	7.8%
48.1%	7,588	8,353	766	10.1%
49.4%	7,550	8,318	768	10.2%
50.6%	7,546	8,309	764	10.1%
51.9%	7,535	8,127	592	7.9%
53.1%	7,354	7,828	475	6.5%
54.3%	7,284	7,649	365	5.0%
55.6%	7,231	7,591	360	5.0%
56.8%	7,198	7,547	349	4.8%
58.0%	7,109	7,455	346	4.9%
59.3%	7,026	7,365	339	4.8%
60.5%	6,867	7,292	425	6.2%
61.7%	6,820	7,081	261	3.8%
63.0%	6,787	7,023	236	3.5%
64.2%	6,781	6,950	170	2.5%
65.4%	6,770	6,791	21	0.3%
66.7%	6,574	6,574	-1	-0.0%
67.9%	6,728	6,472	-257	-3.8%
69.1%	6,429	6,429	-286	-4.3%
70.4%	6,580	6,381	-199	-3.0%
71.6%	6,355	6,364	8	0.1%
72.8%	6,231	6,213	-18	-0.3%
74.1%	6,101	5,934	-167	-2.7%
75.3%	5,987	5,919	-67	-1.1%
76.5%	5,806	5,604	-202	-3.5%
77.8%	5,668	5,497	-171	-3.0%
79.0%	5,425	5,403	-22	-0.4%
80.2%	5,627	5,360	-267	-4.7%
81.5%	5,454	5,309	-145	-2.7%
82.7%	5,412	5,290	-122	-2.3%
84.0%	5,382	5,274	-108	-2.0%
85.2%	5,372	5,155	-217	-4.0%
86.4%	5,302	4,846	-456	-8.6%
87.7%	5,290	4,645	-645	-12.2%
88.9%	5,237	4,589	-648	-12.4%
90.1%	5,165	4,515	-650	-12.6%
91.4%	4,789	4,422	-367	-7.7%
92.6%	4,735	4,412	-323	-6.8%
93.9%	4,569	4,201	-368	-8.1%
95.1%	4,363	4,314	-50	-1.1%
96.3%	4,241	4,308	67	1.6%
97.5%	4,111	4,258	147	3.6%
98.8%	4,018	4,238	220	5.5%
100.0%	3,921	4,232	311	7.9%

Percent Exceedance Probability	December			
	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	43,097	43,098	1	0.0%
0.2%	41,516	39,714	-1,802	-4.3%
2.5%	35,067	34,125	-942	-2.7%
3.7%	34,216	32,932	-1,284	-3.8%
4.9%	33,579	31,755	-1,824	-5.4%
6.2%	31,369	30,681	-688	-2.2%
7.4%	29,959	28,719	-1,240	-4.1%
8.6%	29,836	26,042	-3,794	-12.7%
9.9%	25,158	25,892	734	2.9%
11.1%	23,886	22,943	-943	-3.9%
12.3%	22,411	21,736	-675	-3.0%
13.6%	21,681	21,466	-215	-1.0%
14.8%	21,471	21,113	-358	-1.7%
16.0%	20,363	20,763	400	2.0%
17.3%	18,832	20,337	1,504	8.0%
18.5%	18,360	18,867	507	2.8%
19.8%	17,352	17,919	567	3.3%
21.0%	16,368	15,729	-639	-3.9%
22.2%	15,339	14,906	-434	-2.8%
23.5%	14,905	14,074	-831	-5.6%
24.7%	14,163	13,474	-689	-4.9%
25.9%	13,589	13,221	-368	-2.7%
27.2%	12,050	11,411	-639	-5.3%
28.4%	11,913	11,297	-616	-5.2%
29.6%	11,594	10,729	-865	-7.5%
30.9%	10,337	10,427	90	0.9%
32.1%	10,161	9,927	-234	-2.3%
33.3%	9,694	9,788	93	1.0%
34.6%	9,158	9,165	6	0.1%
35.8%	9,152	8,573	-579	-6.3%
37.0%	9,145	8,532	-613	-6.7%
38.3%	8,968	8,260	-708	-7.9%
39.5%	8,966	8,259	-707	-7.9%
40.7%	8,923	8,217	-706	-7.9%
42.0%	8,719	8,185	-534	-6.1%
43.2%	7,848	8,152	305	3.9%
44.4%	7,474	7,947	474	6.3%
45.7%	7,418	7,778	360	4.9%
46.9%	7,413	7,741	328	4.4%
48.1%	7,382	7,608	226	3.1%
49.4%	7,271	7,499	228	3.1%
50.6%	7,073	7,493	420	6.0%
51.9%	6,966	7,426	460	6.6%
53.1%	6,815	7,386	572	8.4%
54.3%	6,797	7,384	587	8.6%
55.6%	6,787	7,117	330	4.9%
56.8%	6,778	7,110	332	4.9%
58.0%	6,705	7,063	358	5.3%
59.3%	6,610	6,974	363	5.5%
60.5%	6,284	6,906	623	9.9%
61.7%	6,248	6,875	627	10.0%
63.0%	6,163	6,851	688	11.2%
64.2%	6,003	6,845	843	14.0%
65.4%	5,962	6,803	842	14.1%
66.7%	5,853	6,780	927	15.8%
67.9%	5,818	6,767	949	16.3%
69.1%	5,737	6,763	1,026	17.9%
70.4%	5,709	6,696	987	17.3%
71.6%	5,681	6,564	884	15.6%
72.8%	5,573	6,465	892	16.0%
74.1%	5,539	6,452	913	16.5%
75.3%	5,475	6,165	690	12.6%
76.5%	5,468	6,152	684	12.5%
77.8%	5,369	5,980	611	11.4%
79.0%	5,351	5,959	608	11.4%
80.2%	5,314	5,861	547	10.3%
81.5%	5,250	5,772	522	9.9%
82.7%	5,245	5,767	522	9.9%
84.0%	5,163	5,423	260	5.0%
85.2%	5,162	5,419	258	5.0%
86.4%	5,136	5,350	214	4.2%
87.7%	5,126	5,267	141	2.8%
88.				

Figure SW-13-7b
Sacramento River below Hamilton City, Monthly Flow
Probability of Exceedance

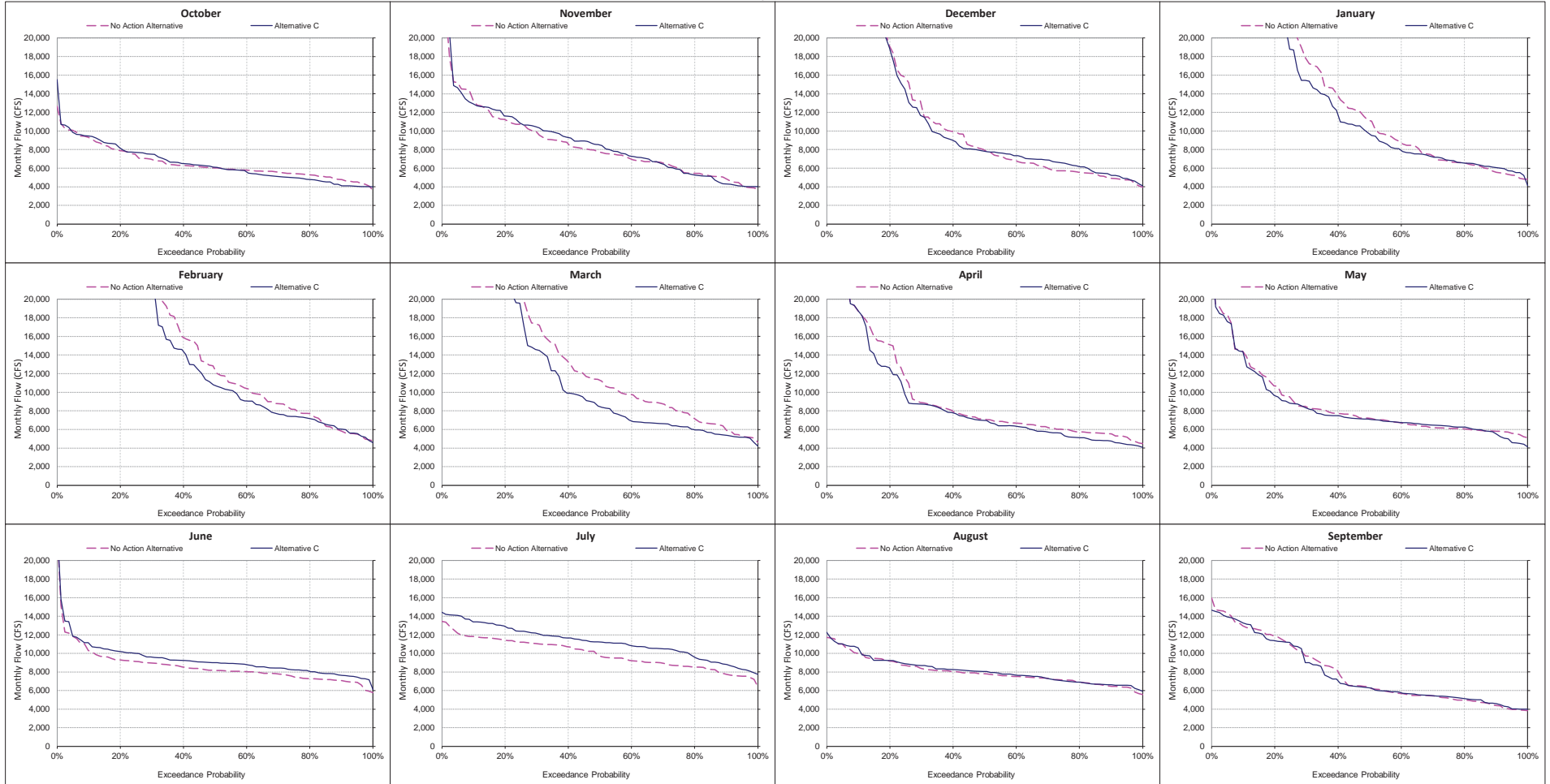


Figure SW-14-7b
Sacramento River below Delevan Intake and Pipeline, Monthly Flow
Probability of Exceedance

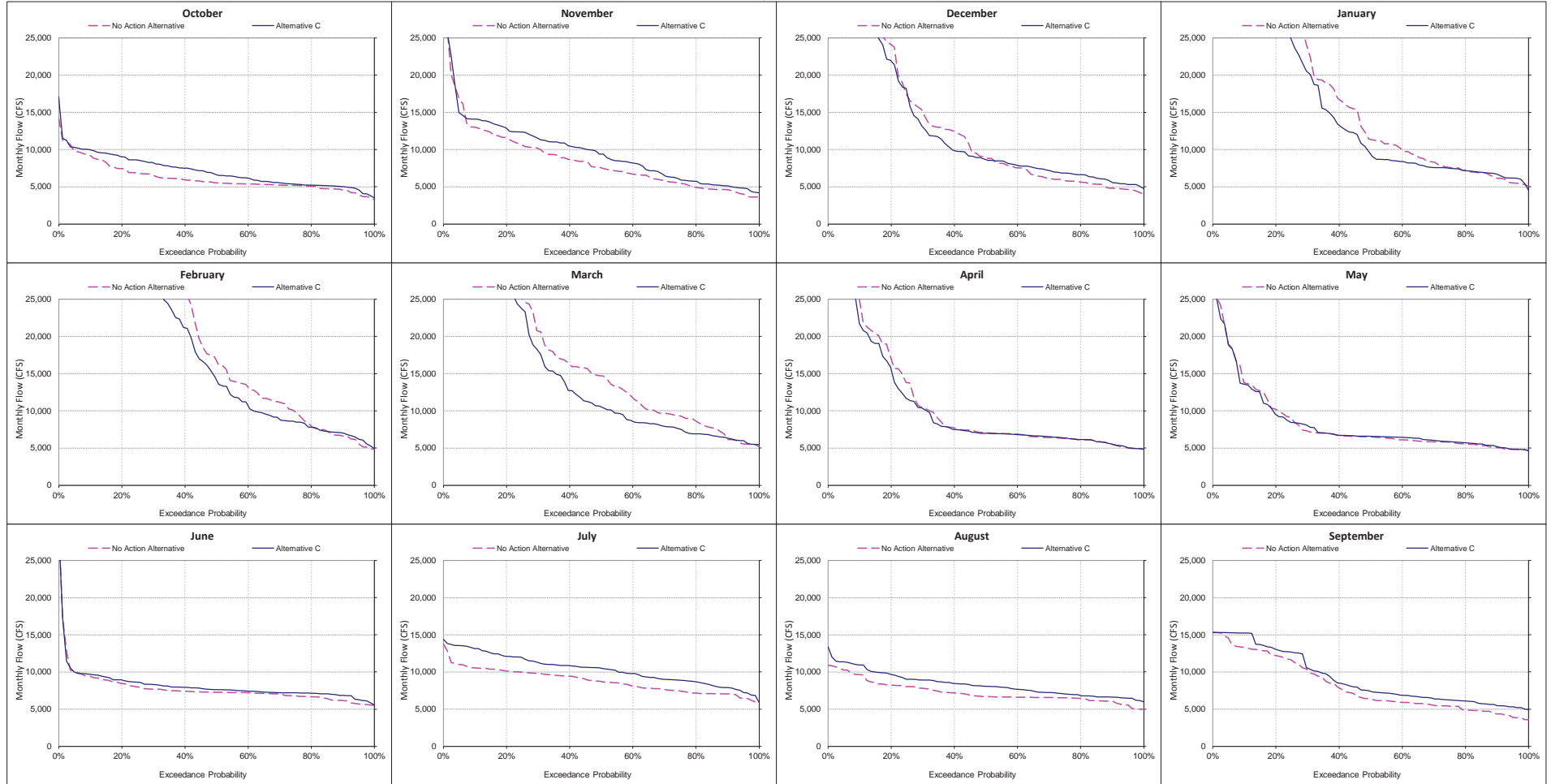


Table SW-15-7a
 Sacramento River at Wilken Slough, Monthly Flow
 Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period¹												
No Action Alternative	6,013	8,450	11,320	13,710	15,316	14,122	8,709	6,840	5,733	6,695	5,725	7,749
Alternative C	6,912	9,531	11,237	12,843	14,562	12,611	8,468	6,841	6,117	8,256	6,755	8,737
Difference	899	1,081	-83	-867	-754	-1,512	-242	1	384	1,560	1,031	989
Percent Difference ³	15.0%	12.8%	-0.7%	-6.3%	-4.9%	-10.7%	-2.8%	0.0%	6.7%	23.3%	18.0%	12.8%
Water Year Types²												
Wet (32%)												
No Action Alternative	7,090	11,141	11,589	19,105	19,831	18,268	13,423	10,357	6,434	6,606	6,034	12,210
Alternative C	8,539	12,416	11,475	18,605	19,439	17,742	13,239	10,304	6,899	8,144	6,174	13,318
Difference	1,449	1,275	-114	-500	-392	-526	-184	-53	465	1,538	140	1,108
Percent Difference	20.4%	11.4%	-1.0%	-2.6%	-2.0%	-2.9%	-1.4%	-0.5%	7.2%	23.3%	2.3%	9.1%
Above Normal (15%)												
No Action Alternative	5,985	9,241	12,327	16,513	19,069	17,632	10,200	7,244	5,842	7,021	5,583	7,854
Alternative C	6,942	10,945	11,874	15,391	17,784	15,921	9,610	7,013	5,806	9,022	6,243	8,597
Difference	957	1,705	-454	-1,122	-1,286	-1,710	-589	-231	-36	2,002	659	743
Percent Difference	16.0%	18.4%	-3.7%	-6.8%	-6.7%	-9.7%	-5.8%	-3.2%	-0.6%	28.5%	11.8%	9.5%
Below Normal (17%)												
No Action Alternative	5,610	7,976	12,629	12,400	14,370	12,001	7,022	5,430	5,242	6,137	5,154	4,980
Alternative C	6,702	8,999	12,806	10,358	13,592	9,305	6,661	5,172	5,389	8,252	6,244	5,911
Difference	1,092	1,022	177	-2,042	-779	-2,696	-361	-258	148	2,115	1,090	932
Percent Difference	19.5%	12.8%	1.4%	-16.5%	-5.4%	-22.5%	-5.1%	-4.8%	2.8%	34.5%	21.1%	18.7%
Dry (22%)												
No Action Alternative	5,461	6,719	11,566	8,850	11,606	11,396	5,268	4,532	5,285	6,932	5,848	5,281
Alternative C	5,740	7,689	11,766	8,335	10,730	9,097	5,023	4,863	5,936	8,363	7,608	6,573
Difference	278	971	200	-515	-876	-2,299	-246	331	651	1,431	1,760	1,292
Percent Difference	5.1%	14.4%	1.7%	-5.8%	-7.5%	-20.2%	-4.7%	7.3%	12.3%	20.6%	30.1%	24.5%
Critical (15%)												
No Action Alternative	5,008	4,978	7,834	8,034	8,451	8,196	4,136	3,921	5,351	6,860	5,676	4,908
Alternative C	5,365	5,246	7,456	7,470	7,655	7,310	4,262	4,080	5,855	7,572	7,846	5,498
Difference	356	268	-377	-563	-796	-886	125	159	504	712	2,170	590
Percent Difference	7.1%	5.4%	-4.8%	-7.0%	-9.4%	-10.8%	3.0%	4.1%	9.4%	10.4%	38.2%	12.0%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average



Figure SW-15-7b
Sacramento River at Wilken Slough, Monthly Flow
Probability of Exceedance

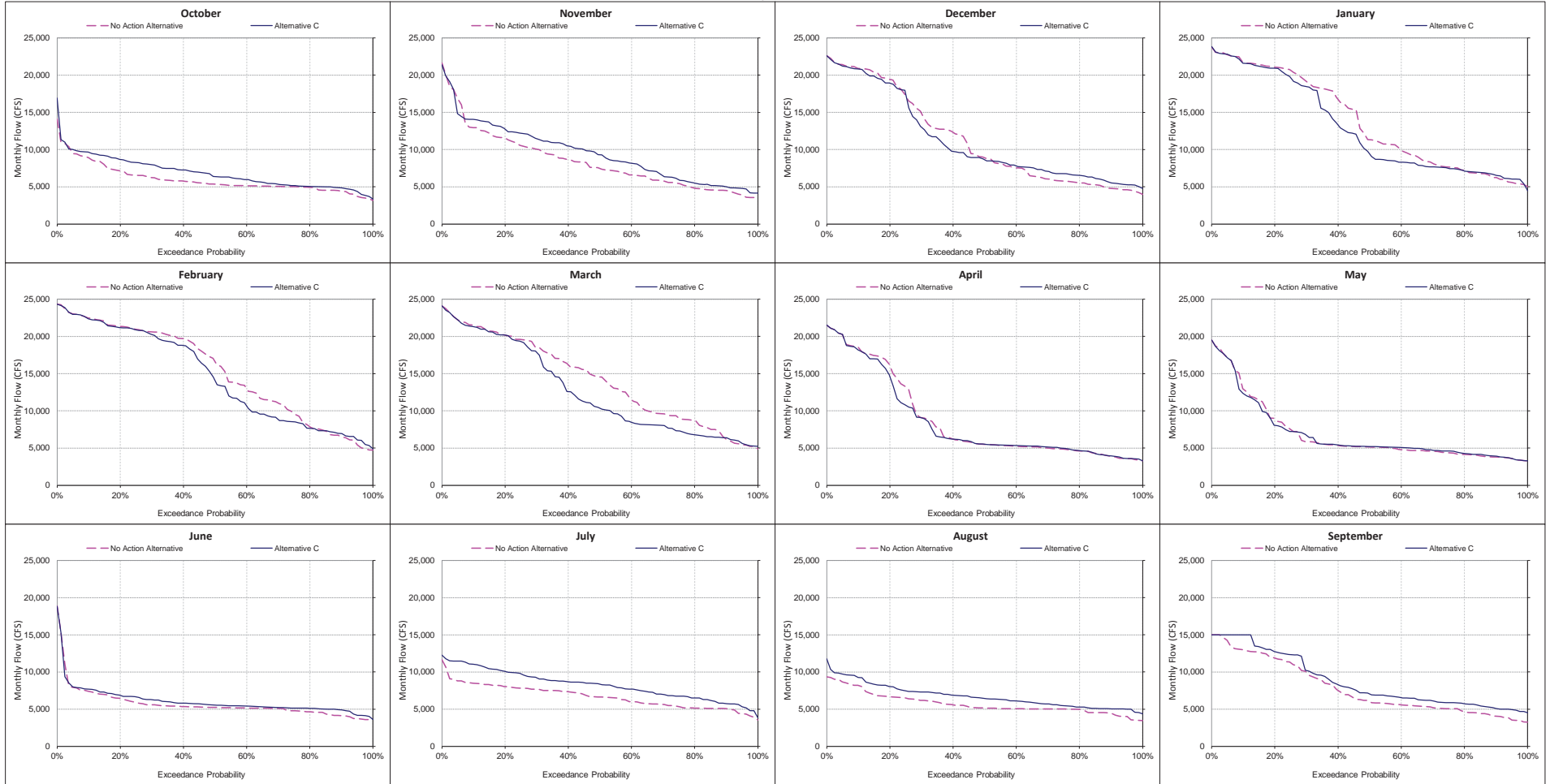


Table SW-16-7a
Sacramento River at Verona, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period¹												
No Action Alternative	9,258	12,153	19,084	27,004	31,441	28,424	19,441	15,292	12,918	15,838	12,415	14,704
Alternative C	9,912	13,209	18,569	25,808	30,395	26,863	19,112	15,222	13,454	17,372	13,501	15,977
Difference	654	1,056	-515	-1,195	-1,046	-1,562	-329	-70	536	1,534	1,086	1,273
Percent Difference ³	7.1%	8.7%	-2.7%	-4.4%	-3.3%	-5.5%	-1.7%	-0.5%	4.2%	9.7%	8.7%	8.7%
Water Year Types²												
Wet (32%)												
No Action Alternative	11,245	15,767	21,483	44,203	49,347	43,331	32,085	25,662	17,796	15,937	12,380	23,027
Alternative C	12,367	16,939	20,416	43,270	48,411	42,711	31,789	25,592	18,497	17,470	12,537	24,140
Difference	1,123	1,172	-1,068	-933	-936	-620	-297	-70	701	1,533	157	1,113
Percent Difference	10.0%	7.4%	-5.0%	-2.1%	-1.9%	-1.4%	-0.9%	-0.3%	3.9%	9.6%	1.3%	4.8%
Above Normal (15%)												
No Action Alternative	10,102	13,988	19,955	32,683	38,255	38,744	21,918	16,478	13,161	17,418	13,713	17,333
Alternative C	10,908	15,624	18,288	30,466	36,879	37,046	21,324	16,315	13,582	19,296	13,985	18,378
Difference	806	1,637	-1,667	-2,217	-1,376	-1,698	-594	-163	421	1,878	272	1,045
Percent Difference	8.0%	11.7%	-8.4%	-6.8%	-3.6%	-4.4%	-2.7%	-1.0%	3.2%	10.8%	2.0%	6.0%
Below Normal (17%)												
No Action Alternative	9,398	11,919	22,226	19,174	25,330	20,113	13,865	10,765	10,623	16,341	13,118	9,784
Alternative C	10,072	12,979	22,811	16,890	24,790	17,615	13,448	10,518	11,189	18,380	13,883	11,013
Difference	674	1,060	585	-2,284	-540	-2,497	-417	-247	566	2,038	766	1,230
Percent Difference	7.2%	8.9%	2.6%	-11.9%	-2.1%	-12.4%	-3.0%	-2.3%	5.3%	12.5%	5.8%	12.6%
Dry (22%)												
No Action Alternative	7,702	9,710	18,322	14,431	18,308	17,638	10,783	8,758	10,227	15,964	13,332	9,606
Alternative C	7,568	10,729	18,436	13,675	16,834	14,797	10,484	8,774	10,650	17,380	15,727	11,622
Difference	-134	1,019	115	-756	-1,474	-2,841	-299	16	423	1,416	2,396	2,016
Percent Difference	-1.7%	10.5%	0.6%	-5.2%	-8.1%	-16.1%	-2.8%	0.2%	4.1%	8.9%	18.0%	21.0%
Critical (15%)												
No Action Alternative	6,282	6,426	10,494	12,052	12,661	11,682	9,059	6,724	8,818	13,268	9,000	7,429
Alternative C	6,926	6,702	10,099	11,919	11,760	11,227	8,982	6,825	9,247	14,050	11,323	8,210
Difference	643	276	-395	-133	-901	-455	-78	101	430	781	2,323	782
Percent Difference	10.2%	4.3%	-3.8%	-1.1%	-7.1%	-3.9%	-0.9%	1.5%	4.9%	5.9%	25.8%	10.5%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

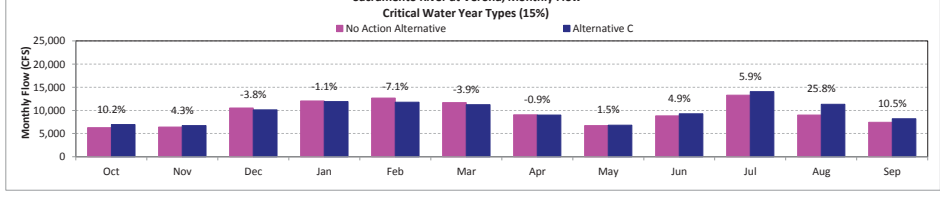
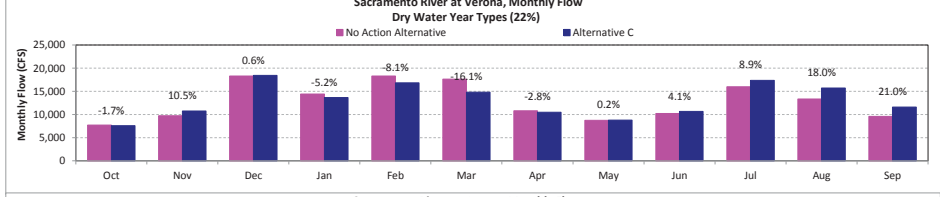
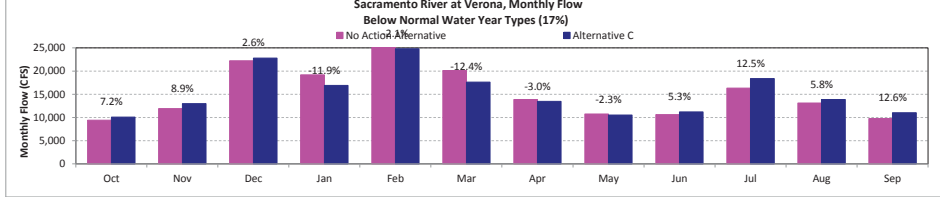
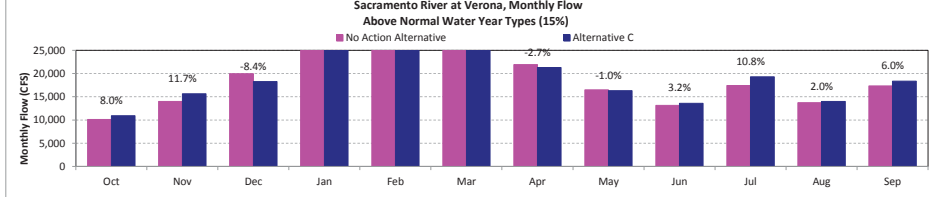
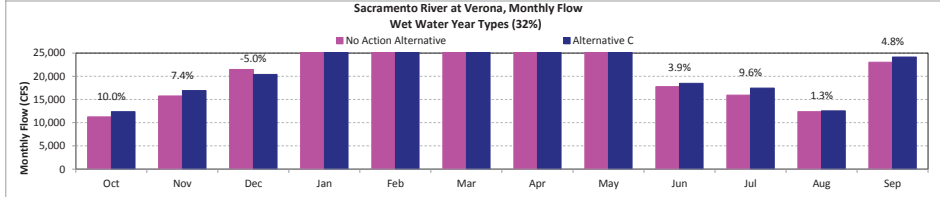
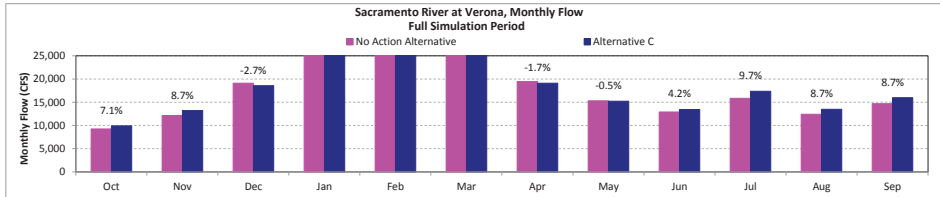


Figure SW-16-7b
Sacramento River at Verona, Monthly Flow
Probability of Exceedance

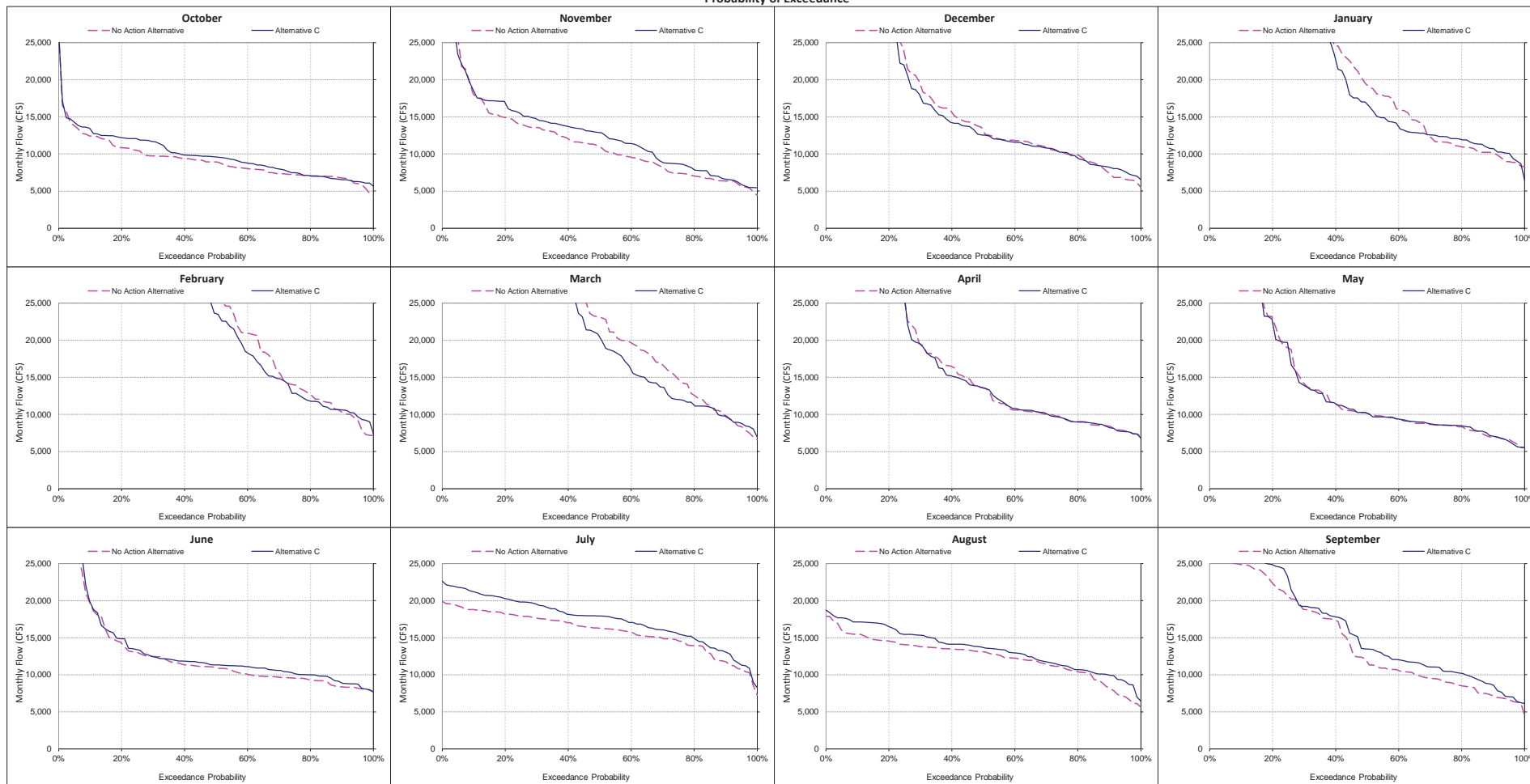


Table SW-17-7a
Sacramento River at Freeport, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	11,172	15,682	23,091	31,365	36,579	32,466	23,227	19,060	16,650	19,620	15,164	17,563
Alternative C	11,909	16,802	22,647	30,216	35,528	30,958	22,946	19,005	17,106	20,834	16,281	18,804
Difference	737	1,120	-443	-1,149	-1,051	-1,508	-281	-56	455	1,214	1,117	1,241
Percent Difference ³	6.6%	7.1%	-1.9%	-3.7%	-2.9%	-4.6%	-1.2%	-0.3%	2.7%	6.2%	7.4%	7.1%
Water Year Types²												
Wet (32%)												
No Action Alternative	13,338	20,484	25,564	50,411	56,680	49,433	37,987	31,825	23,961	20,124	16,085	27,628
Alternative C	14,697	21,786	24,513	49,580	55,738	48,848	37,683	31,756	24,682	21,310	16,416	28,422
Difference	1,360	1,302	-1,051	-831	-942	-585	-304	-69	721	1,186	332	794
Percent Difference	10.2%	6.4%	-4.1%	-1.6%	-1.7%	-1.2%	-0.8%	-0.2%	3.0%	5.9%	2.1%	2.9%
Above Normal (15%)												
No Action Alternative	11,935	17,421	24,224	38,198	44,607	43,898	26,018	20,801	16,641	22,067	16,588	20,659
Alternative C	12,755	19,161	22,689	36,178	43,257	42,276	25,420	20,621	16,998	23,617	16,851	21,552
Difference	820	1,740	-1,535	-2,020	-1,350	-1,622	-599	-180	357	1,551	262	893
Percent Difference	6.9%	10.0%	-6.3%	-5.3%	-3.0%	-3.7%	-2.3%	-0.9%	2.1%	7.0%	1.6%	4.3%
Below Normal (17%)												
No Action Alternative	11,731	16,232	27,522	22,823	30,766	23,248	17,458	14,007	13,725	21,453	15,848	12,256
Alternative C	12,414	17,387	28,180	20,576	30,129	20,745	17,183	13,815	14,239	22,630	16,566	14,049
Difference	683	1,156	658	-2,247	-637	-2,503	-275	-193	515	1,177	718	1,793
Percent Difference	5.8%	7.1%	2.4%	-9.8%	-2.1%	-10.8%	-1.6%	-1.4%	3.7%	5.5%	4.5%	14.6%
Dry (22%)												
No Action Alternative	9,495	12,396	22,286	17,254	21,222	20,408	13,167	10,883	12,636	19,263	15,856	11,256
Alternative C	9,466	13,387	22,555	16,386	19,790	17,655	12,863	10,925	12,922	20,563	18,077	13,313
Difference	-29	991	269	-868	-1,432	-2,753	-304	42	286	1,299	2,221	2,057
Percent Difference	-0.3%	8.0%	1.2%	-5.0%	-6.7%	-13.5%	-2.3%	0.4%	2.3%	6.7%	14.0%	18.3%
Critical (15%)												
No Action Alternative	7,580	7,826	12,634	14,400	14,816	13,115	10,275	7,824	10,256	14,478	9,913	8,310
Alternative C	8,099	8,083	12,246	14,293	13,916	12,749	10,388	7,937	10,418	15,331	12,395	9,002
Difference	519	256	-388	-107	-899	-366	113	112	162	853	2,482	692
Percent Difference	6.8%	3.3%	-3.1%	-0.7%	-6.1%	-2.8%	1.1%	1.4%	1.6%	5.9%	25.0%	8.3%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

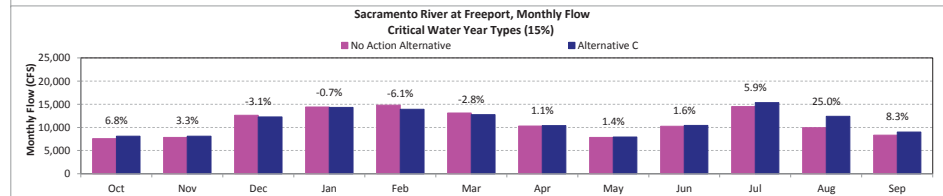
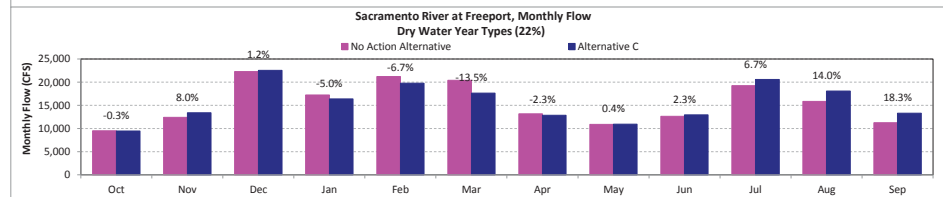
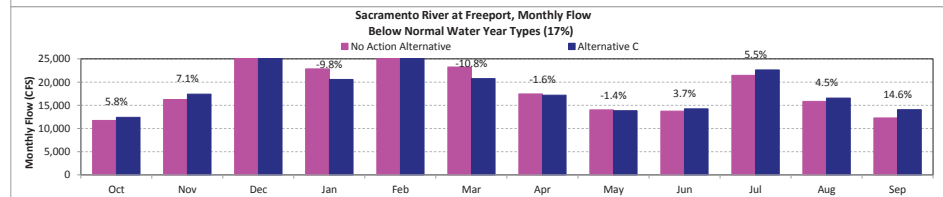
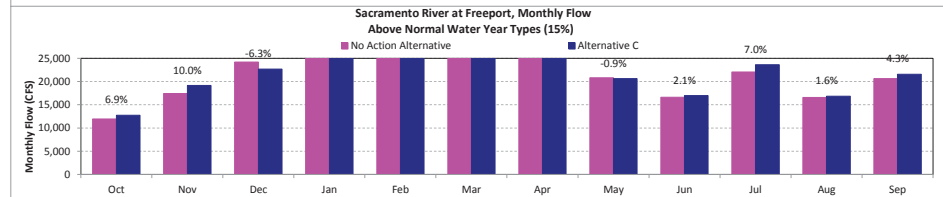
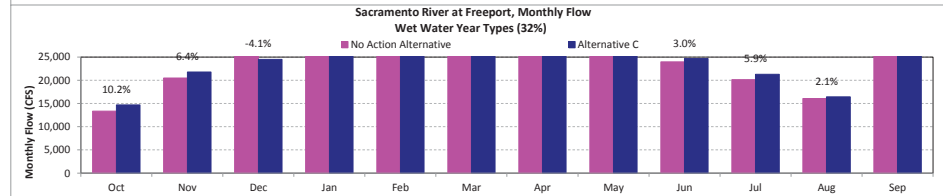
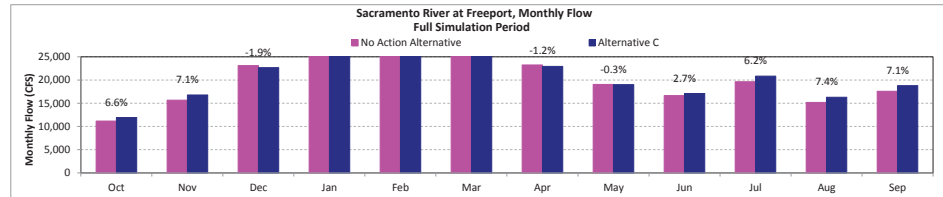


Figure SW-17-7b
Sacramento River at Freepoint, Monthly Flow
Probability of Exceedance

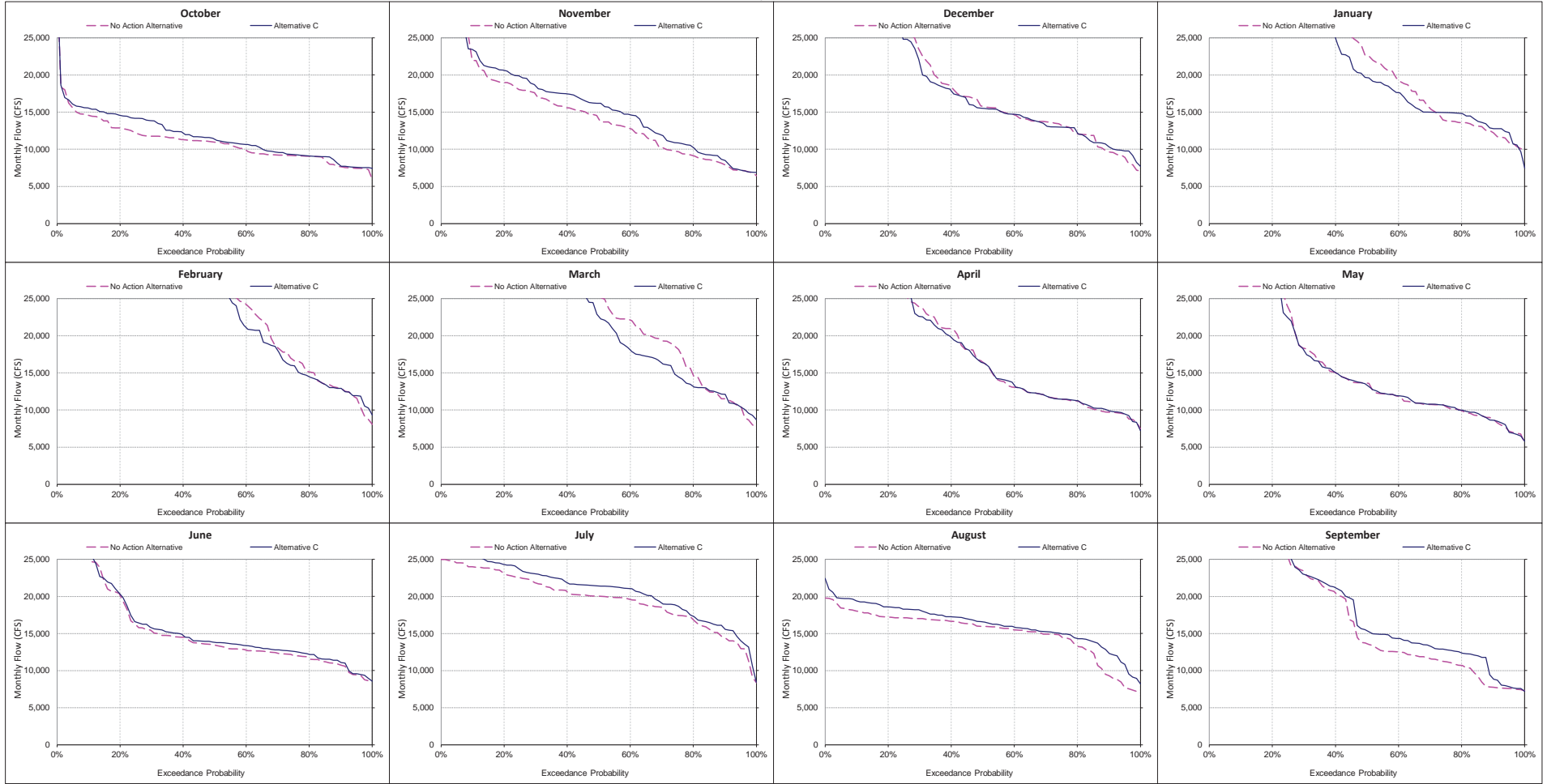


Table SW-17-7b
Sacramento River at Freeport, Monthly Flow
Probability of Exceedance

Percent Exceedance Probability	October			
	No Action Alternative	Alternative C	Absolute Difference	Relative Difference (%)
	Monthly Flow (CFS)	Monthly Flow (CFS)	(CFS)	(%)
0.0%	33,173	33,669	516	1.6%
1.2%	18,408	18,621	213	1.2%
2.5%	18,000	16,958	-1,042	-5.8%
3.7%	16,227	16,654	428	2.6%
4.9%	15,586	16,075	489	3.1%
6.2%	14,995	15,818	823	5.5%
7.4%	14,785	15,749	963	6.5%
8.6%	14,742	15,602	859	5.8%
9.9%	14,603	15,574	970	6.6%
11.1%	14,455	15,394	939	6.5%
12.3%	14,410	15,392	982	6.8%
13.6%	14,237	15,070	833	5.8%
14.8%	13,836	15,048	1,212	8.8%
16.0%	13,810	14,791	981	7.1%
17.3%	12,912	14,791	1,878	14.5%
18.5%	12,692	14,774	1,882	14.8%
19.8%	12,897	14,592	1,695	13.2%
21.0%	12,692	14,774	1,882	14.8%
22.2%	12,683	14,455	1,772	14.0%
23.5%	12,516	14,230	1,714	13.7%
24.7%	12,245	14,186	1,941	15.8%
25.9%	12,026	14,162	2,136	17.8%
27.2%	11,856	14,152	2,296	19.4%
28.4%	11,789	13,930	2,141	18.2%
29.6%	11,775	13,855	2,080	17.7%
30.9%	11,722	13,813	2,041	17.3%
32.1%	11,771	13,478	1,708	14.5%
33.3%	11,726	13,340	1,615	13.8%
34.6%	11,640	12,574	934	8.0%
35.8%	11,549	12,553	1,004	8.7%
37.0%	11,538	12,390	853	7.4%
38.3%	11,418	12,385	967	8.5%
39.5%	11,318	12,367	1,049	9.3%
40.7%	11,257	11,964	707	6.3%
42.0%	11,200	11,961	761	6.8%
43.2%	11,169	11,701	532	4.8%
44.4%	11,152	11,699	547	4.9%
45.7%	11,141	11,668	527	4.7%
46.9%	11,138	11,575	437	3.9%
48.1%	11,063	11,573	510	4.6%
49.4%	11,002	11,492	489	4.4%
50.6%	10,936	11,197	261	2.4%
51.9%	10,918	11,088	171	1.6%
53.1%	10,755	11,000	246	2.3%
54.3%	10,748	10,937	189	1.8%
55.6%	10,480	10,899	419	4.0%
56.8%	10,290	10,798	497	4.8%
58.0%	10,109	10,730	620	6.1%
59.3%	10,108	10,668	560	5.5%
60.5%	9,696	10,660	964	9.9%
61.7%	9,531	10,511	980	10.3%
63.0%	9,482	10,490	1,008	10.6%
64.2%	9,400	10,255	855	9.1%
65.4%	9,396	9,946	550	5.9%
66.7%	9,281	9,766	484	5.2%
67.9%	9,271	9,727	456	4.9%
69.1%	9,239	9,642	404	4.4%
70.4%	9,229	9,562	333	3.6%
71.6%	9,207	9,560	353	3.8%
72.8%	9,182	9,369	186	2.0%
74.1%	9,164	9,313	149	1.6%
75.3%	9,149	9,277	128	1.4%
76.5%	9,123	9,215	92	1.0%
77.8%	9,112	9,171	59	0.6%
79.0%	9,077	9,149	72	0.8%
80.2%	9,066	9,077	11	0.1%
81.5%	9,024	9,041	17	0.2%
82.7%	8,995	9,024	30	0.3%
84.0%	8,973	9,006	33	0.4%
85.2%	8,442	8,995	553	6.6%
86.4%	8,003	8,958	954	11.9%
87.7%	7,942	8,842	900	8.7%
88.9%	7,702	8,120	419	5.4%
90.1%	7,655	7,723	68	0.9%
91.4%	7,535	7,714	179	2.4%
92.6%	7,496	7,649	154	2.0%
93.8%	7,471	7,611	141	1.9%
95.1%	7,438	7,535	96	1.3%
96.3%	7,435	7,530	94	1.3%
97.5%	7,417	7,525	108	1.5%
98.8%	7,254	7,523	269	3.7%
100.0%	5,947	7,439	1,492	25.1%

Percent Exceedance Probability	November			
	No Action Alternative	Alternative C	Absolute Difference	Relative Difference (%)
	Monthly Flow (CFS)	Monthly Flow (CFS)	(CFS)	(%)
0.0%	54,737	54,541	-196	-0.4%
1.2%	48,575	47,713	-862	-1.8%
2.5%	47,715	47,060	-656	-1.4%
3.7%	36,242	33,965	-2,276	-6.3%
4.9%	32,262	33,920	1,657	5.1%
6.2%	26,903	26,375	-528	-2.0%
7.4%	25,756	26,874	1,118	4.3%
8.6%	25,325	23,514	-1,811	-7.2%
9.9%	21,956	23,444	1,488	6.8%
11.1%	21,954	23,157	1,204	5.5%
12.3%	20,776	21,953	1,177	5.7%
13.6%	20,598	21,292	694	3.4%
14.8%	19,626	21,110	1,484	7.6%
16.0%	19,369	21,023	1,653	8.5%
17.3%	19,239	20,943	1,704	8.9%
18.5%	19,052	20,698	1,646	8.6%
19.8%	18,997	20,646	1,649	8.7%
21.0%	18,984	20,526	1,542	8.1%
22.2%	18,774	20,136	1,362	7.3%
23.5%	18,396	19,938	1,542	8.4%
24.7%	18,035	19,911	1,876	10.4%
25.9%	17,062	19,814	1,660	9.2%
27.2%	17,950	19,562	1,613	9.0%
28.4%	17,754	18,907	1,154	6.5%
29.6%	17,626	18,716	1,090	6.2%
30.9%	16,889	18,142	1,253	7.4%
32.1%	16,811	18,061	1,180	7.0%
33.3%	16,769	17,765	996	5.9%
34.6%	16,441	17,691	1,250	7.6%
35.8%	16,074	17,638	1,564	9.7%
37.0%	15,845	17,546	1,701	10.7%
38.3%	15,815	17,528	1,713	10.8%
39.5%	15,602	17,482	1,881	12.1%
40.7%	15,550	17,425	1,876	12.1%
42.0%	15,404	17,303	1,899	12.3%
43.2%	15,224	17,019	1,795	11.8%
44.4%	15,197	16,761	1,565	10.3%
45.7%	15,052	16,509	1,457	9.7%
46.9%	14,715	16,310	1,595	10.8%
48.1%	14,682	16,246	1,564	10.7%
49.4%	14,551	16,207	1,656	11.4%
50.6%	13,676	15,199	1,523	11.2%
51.9%	13,674	15,753	2,079	15.2%
53.1%	13,669	15,664	1,995	14.6%
54.3%	13,255	15,291	2,036	15.4%
55.6%	13,247	15,234	1,987	15.0%
56.8%	13,201	15,075	1,875	14.2%
58.0%	13,050	14,742	1,692	13.0%
59.3%	12,886	14,712	1,826	14.2%
60.5%	12,707	14,600	1,893	14.9%
61.7%	12,187	14,521	2,334	19.1%
63.0%	12,171	14,063	1,892	15.5%
64.2%	12,062	12,998	936	7.8%
65.4%	11,505	12,965	1,459	12.7%
66.7%	11,222	12,612	1,390	12.4%
67.9%	11,186	12,214	1,028	9.2%
69.1%	11,077	12,055	1,178	10.6%
70.4%	10,200	11,818	1,618	15.9%
71.6%	9,958	11,186	1,228	12.3%
72.8%	9,863	11,024	1,161	11.8%
74.1%	9,763	10,888	1,125	11.5%
75.3%	9,683	10,843	1,161	12.0%
76.5%	9,385	10,741	1,356	14.5%
77.8%	9,339	10,604	1,265	13.5%
79.0%	9,252	10,526	1,274	13.8%
80.2%	9,101	10,145	1,045	11.5%
81.5%	8,949	9,612	763	8.6%
82.7%	8,761	9,420	660	7.5%
84.0%	8,625	9,294	669	7.8%
85.2%	8,582	9,253	671	7.8%
86.4%	8,476	9,192	715	8.4%
87.7%	8,322	9,085	815	9.8%
88.9%	8,130	8,663	533	6.6%
90.1%	7,873	8,478	605	7.7%
91.4%	7,613	7,911	298	3.9%
92.6%	7,222	7,390	169	2.3%
93.8%	7,180	7,319	137	1.9%
95.1%	7,147	7,194	47	0.7%
96.3%	7,126	7,092	-34	-0.5%
97.5%	6,929	6,949	21	0.3%
98.8%	6,688	6,929	241	3.6%
100.0%	6,442	6,688	446	6.9%

Percent Exceedance Probability	December			
	No Action Alternative	Alternative C	Absolute Difference	Relative Difference (%)
	Monthly Flow (CFS)	Monthly Flow (CFS)	(CFS)	(%)
0.0%	76,389	76,401	12	0.0%
1.2%	76,019	74,519	-1,500	-2.0%
2.5%	68,488	67,005	-1,483	-2.2%
3.7%	59,787	59,551	-236	-0.4%
4.9%	58,754	58,012	-742	-1.3%
6.2%	57,801	57,823	22	0.0%
7.4%	50,442	50,422	-20	-0.0%
8.6%	50,083	49,862	-221	-0.4%
9.9%	49,647	48,691	-956	-1.9%
11.1%	48,048	45,249	-2,799	-5.8%
12.3%	44,885	44,561	-324	-0.7%
13.6%	43,096	39,020	-4,076	-9.5%
14.8%	40,888	38,576	-2,312	-5.7%
16.0%	36,649	37,835	1,186	3.5%
17.3%	35,052	37,371	2,319	6.6%
18.5%	34,993	35,134	141	0.4%
19.8%	34,964	34,023	-941	-2.7%
21.0%	33,588	30,764	-2,824	-8.4%
22.2%	33,238	30,056	-3,182	-9.6%
23.5%	28,695	26,651	-2,044	-7.1%
24.7%	27,977	24,827	-3,150	-11.3%
25.9%	26,258	24,818	-1,440	-5.5%
27.2%	25,446	24,449	-997	-3.9%
28.4%	24,999	23,565	-1,434	-5.7%
29.6%	23,549	22,136	-1,413	-6.0%
30.9%	22,583	19,862	-2,601	-11.5%
32.1%	21,928	19,811	-2,117	-9.7%
33.3%	21,356	19,081	-2,275	-10.7%
34.6%	20,069	18,931	-1,139	-5.7%
35.8%	19,577	18,643	-933	-4.8%
37.0%	18,986	18,429	-557	-2.9%
38.3%	18,768	18,234	-534	-2.8%
39.5%	18,634	18,121	-513	-2.8%
40.7%	18,050	17,445	-605	-3.4%
42.0%	17,481	17,318	-163	-0.9%
43.2%	17,257	17,141	-116	-0.7%
44.4%	17,056	17,004	-52	-0.3%
45.7%	17,052	16,027	-1,025	-6.0%
46.9%	16,897	15,963	-934	-5.5%
48.1%	16,744	15,587	-1,157	-6.9%
49.4%	15,855	15,539	-316	-2.0%
50.6%	15,692	15,512	-180	-1.1%
51.9%	15,643	15,436	-207	-1.3%
53.1%	15,616	15,422	-194	-1.2%
54.3%	15,576	15,399	-177	-1.1%
55.6%	15,101	15,120	19	0.1%
56.8%	14,997	14,873	-124	-0.8%
58.0%	14,775	14,776	1	0.0%
59.3%	14,771	14,745	-26	-0.2%
60.5%	14,567	14,701	134	0.9%
61.7%	14,165	14,630	465	3.3%
63.0%	14,127	14,308	181	1.3%
64.2%	14,019	14,212	193	1.4%
65.4%	13,834	13,947	113	0.8%
66.7%	13,778	13,835	57	0.4%
67.9%	13,764	13,678	-86	-0.6%
69.1%	13,761	13,516	-245	-1.8%
70.4%	13,669	13,085	-584	-4.3%
71.6%	13,640	13,030	-610	-4.5%
72.8%	13,490	13,012	-477	-3.5%
74.1%	13,435	12,985	-450	-3.4%
75.3%	13,125	12,968	-156	-1.2%
76.5%	13,056	12,942	-114	-0.9%
77.8%	12,887	12,926	39	0.3%
79.0%	12,187	12,914	727	6.0%
80.2%	12,091	12,033	-58	-0.5%
81.5%	12,022	11,973	-49	-0.4%
82.7%	11,961	11,659		

Table SW-17-7b
 Sacramento River at Freeport, Monthly Flow
 Probability of Exceedance

February				
Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	76,794	76,791	-3	0.0%
1.2%	74,223	74,226	3	0.0%
2.5%	73,784	74,223	439	0.6%
3.7%	72,104	71,891	-213	-0.3%
4.9%	70,602	70,172	-431	-0.6%
6.2%	69,733	69,595	-138	-0.2%
7.4%	69,197	68,716	-480	-0.7%
8.6%	68,692	68,697	4	0.0%
9.9%	67,996	67,389	-606	-0.9%
11.1%	67,424	66,715	-709	-1.1%
12.3%	66,900	66,480	-420	-0.6%
13.6%	66,473	64,440	-1,033	-1.6%
14.8%	64,556	64,297	-259	-0.4%
16.0%	62,484	62,498	15	0.0%
17.3%	61,933	61,509	-424	-0.7%
18.5%	61,706	60,802	-904	-1.5%
19.8%	60,800	60,609	-191	-0.2%
21.0%	59,574	60,638	1,064	1.8%
22.2%	59,070	58,125	-945	-1.6%
23.5%	58,982	57,792	-1,190	-2.0%
24.7%	58,851	57,620	-769	-1.4%
25.9%	51,946	52,480	534	1.0%
27.2%	51,910	51,421	-489	-0.9%
28.4%	50,675	48,824	-1,851	-3.7%
29.6%	48,909	46,707	-2,202	-4.5%
30.9%	48,464	46,611	-1,853	-3.8%
32.1%	48,124	45,352	-2,773	-5.8%
33.3%	47,880	45,233	-2,647	-5.5%
34.6%	47,858	44,431	-3,427	-7.2%
35.8%	46,829	43,562	-3,267	-7.0%
37.0%	45,717	43,374	-1,798	-4.0%
38.3%	43,580	42,769	-811	-1.9%
39.5%	43,226	42,274	-1,251	-2.9%
40.7%	42,193	41,581	-612	-1.5%
42.0%	41,922	39,765	-2,158	-5.1%
43.2%	39,965	39,373	-8	0.0%
44.4%	36,163	34,229	-1,935	-5.3%
45.7%	34,709	31,971	-2,737	-7.9%
46.9%	34,242	31,667	-2,575	-7.5%
48.1%	33,712	30,799	-2,913	-8.6%
49.4%	33,702	28,702	-5,000	-14.8%
50.6%	32,704	27,968	-4,736	-14.5%
51.9%	30,317	27,756	-2,275	-7.6%
53.1%	28,936	27,102	-1,834	-6.3%
54.3%	28,515	25,353	-3,162	-11.1%
55.6%	27,064	24,432	-2,632	-9.7%
56.8%	25,135	24,042	-1,093	-4.3%
58.0%	24,624	22,181	-2,443	-9.9%
59.3%	24,497	21,402	-3,095	-12.6%
60.5%	24,022	20,869	-3,153	-13.1%
61.7%	23,538	20,813	-2,725	-11.6%
63.0%	22,972	20,734	-2,138	-9.3%
64.2%	22,338	20,720	-1,619	-7.2%
65.4%	21,944	19,116	-2,828	-12.9%
66.7%	21,406	18,936	-2,471	-11.5%
67.9%	19,641	18,712	-929	-4.7%
69.1%	18,666	18,562	-104	-0.6%
70.4%	18,241	17,762	-479	-2.6%
71.6%	17,802	16,737	-1,065	-6.0%
72.8%	17,801	16,313	-1,489	-8.4%
74.1%	16,997	16,027	-970	-5.7%
75.3%	16,618	15,938	-680	-4.1%
76.5%	16,589	15,086	-1,503	-9.1%
77.8%	16,268	14,851	-1,418	-8.7%
79.0%	15,202	14,688	-514	-3.4%
80.2%	15,094	14,398	-696	-4.6%
81.5%	15,020	14,234	-787	-5.2%
82.7%	13,913	14,041	128	0.9%
84.0%	13,667	13,632	-34	-0.3%
85.2%	13,414	13,400	-13	-0.1%
86.4%	13,399	13,025	-374	-2.8%
87.7%	13,177	13,011	-166	-1.2%
88.9%	13,028	12,929	-98	-0.8%
90.1%	12,904	12,920	16	0.1%
91.4%	12,520	12,472	-49	-0.4%
92.6%	12,434	12,414	-20	-0.2%
93.8%	11,985	11,943	-42	-0.4%
95.1%	11,569	11,943	374	3.2%
96.3%	10,326	11,872	1,546	15.0%
97.5%	9,176	10,534	1,358	14.8%
98.8%	8,732	10,262	1,530	17.5%
100.0%	8,072	9,326	1,255	15.5%

March				
Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	81,371	81,370	0	0.0%
1.2%	77,833	77,831	-2	-0.0%
2.5%	72,349	72,353	3	0.0%
3.7%	70,805	70,190	-616	-0.9%
4.9%	68,249	68,240	-9	0.0%
6.2%	68,107	68,108	1	0.0%
7.4%	67,663	68,730	1,067	1.6%
8.6%	66,230	66,776	546	0.8%
9.9%	61,306	61,308	2	0.0%
11.1%	61,102	60,621	-481	-0.8%
12.3%	60,661	60,444	-217	-0.4%
13.6%	59,092	57,918	-1,173	-2.0%
14.8%	57,412	57,407	-5	0.0%
16.0%	57,384	57,380	-4	0.0%
17.3%	55,039	54,769	-270	-0.5%
18.5%	54,767	52,969	-1,798	-3.3%
19.8%	52,762	52,388	-375	-0.7%
21.0%	48,528	48,396	-133	-0.3%
22.2%	47,733	47,309	-424	-0.9%
23.5%	46,956	46,956	0	0.0%
24.7%	44,697	45,042	345	0.8%
25.9%	43,946	43,500	-446	-1.0%
27.2%	43,331	40,567	-2,764	-6.4%
28.4%	43,017	40,499	-2,518	-5.9%
29.6%	41,621	38,302	-3,319	-8.0%
30.9%	41,574	37,813	-3,761	-9.1%
32.1%	40,443	35,074	-5,370	-13.3%
33.3%	37,799	33,996	-3,803	-10.1%
34.6%	36,156	33,598	-2,558	-7.1%
35.8%	34,672	33,488	-1,185	-3.4%
37.0%	34,122	33,370	-752	-2.2%
38.3%	33,963	33,839	-124	-0.4%
39.5%	33,632	32,302	-1,259	-4.0%
40.7%	32,449	32,183	-267	-0.8%
42.0%	32,269	30,206	-2,063	-6.4%
43.2%	29,803	27,963	-1,840	-6.2%
44.4%	29,086	26,818	-2,269	-7.8%
45.7%	28,903	25,331	-3,572	-12.4%
46.9%	27,956	24,514	-3,442	-12.3%
48.1%	27,700	24,483	-3,217	-11.6%
49.4%	25,304	22,880	-2,424	-9.6%
50.6%	25,156	22,863	-2,293	-9.1%
51.9%	24,930	22,082	-2,848	-11.4%
53.1%	23,700	21,726	-1,974	-8.3%
54.3%	22,920	20,990	-1,929	-8.4%
55.6%	22,379	20,342	-2,037	-9.1%
56.8%	22,277	19,107	-3,169	-14.2%
58.0%	22,258	18,760	-3,498	-15.7%
59.3%	22,243	18,411	-3,833	-17.2%
60.5%	22,025	17,882	-4,143	-18.8%
61.7%	21,282	17,523	-3,759	-17.7%
63.0%	21,005	17,464	-3,542	-16.9%
64.2%	20,217	17,317	-2,900	-14.3%
65.4%	20,183	17,213	-2,971	-14.7%
66.7%	19,912	17,098	-2,814	-14.1%
67.9%	19,673	16,933	-2,740	-13.9%
69.1%	19,616	16,619	-2,997	-15.3%
70.4%	19,312	16,194	-3,118	-16.1%
71.6%	19,248	16,102	-3,146	-16.3%
72.8%	18,990	15,993	-2,997	-15.8%
74.1%	18,589	14,835	-3,754	-20.2%
75.3%	18,144	14,438	-3,706	-20.4%
76.5%	17,176	14,141	-3,035	-17.7%
77.8%	15,686	13,600	-2,086	-13.3%
79.0%	15,644	13,483	-2,161	-13.8%
80.2%	14,414	13,098	-1,316	-9.1%
81.5%	14,368	13,035	-1,333	-9.3%
82.7%	13,338	13,030	-307	-2.3%
84.0%	12,820	12,987	167	1.3%
85.2%	12,411	12,608	198	1.6%
86.4%	12,376	12,521	144	1.2%
87.7%	12,126	12,366	239	1.9%
88.9%	11,529	12,150	621	5.4%
90.1%	11,503	12,113	610	5.3%
91.4%	11,321	10,966	-355	-3.1%
92.6%	11,050	10,983	-67	-0.6%
93.8%	10,657	10,751	94	0.9%
95.1%	10,545	10,391	-154	-1.5%
96.3%	8,963	10,099	1,136	12.7%
97.5%	8,655	9,572	917	10.6%
98.8%	7,975	9,264	1,309	16.4%
100.0%	7,762	8,705	942	12.1%

April				
Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	72,120	72,120	0	0.0%
1.2%	67,572	67,571	-1	-0.0%
2.5%	64,589	64,595	7	0.0%
3.7%	57,018	57,018	0	0.0%
4.9%	56,211	56,214	3	0.0%
6.2%	54,548	54,542	-6	0.0%
7.4%	54,444	53,567	-877	-1.6%
8.6%	53,572	52,772	-800	-1.5%
9.9%	50,443	49,952	-491	-1.0%
11.1%	49,942	47,690	-2,252	-4.5%
12.3%	45,516	45,509	-7	0.0%
13.6%	42,694	41,929	-765	-1.8%
14.8%	42,149	41,012	-1,137	-2.7%
16.0%	41,922	39,811	-2,111	-5.0%
17.3%	40,409	39,262	-1,147	-2.8%
18.5%	39,765	38,653	-1,112	-2.8%
19.8%	39,864	37,108	-2,756	-6.9%
21.0%	37,739	35,088	-2,651	-7.0%
22.2%	34,677	34,680	3	0.0%
23.5%	34,105	33,184	-921	-2.7%
24.7%	33,091	32,752	-338	-1.0%
25.9%	25,221	25,226	5	0.0%
27.2%	24,551	25,194	644	2.6%
28.4%	24,410	23,010	-1,401	-5.7%
29.6%	23,949	22,601	-1,348	-5.6%
30.9%	23,775	22,555	-1,220	-5.1%
32.1%	22,975	22,121	-854	-3.7%
33.3%	22,600	22,097	-504	-2.2%
34.6%	22,549	21,468	-1,081	-4.8%
35.8%	21,557	20,980	-577	-2.7%
37.0%	21,098	20,814	-274	-1.3%
38.3%	20,971	20,227	-745	-3.6%
39.5%	20,969	19,949	-1,019	-4.9%
40.7%	20,879	19,455	-1,424	-6.8%
42.0%	20,137	19,114	-1,023	-5.1%
43.2%	18,687	19,046	359	1.9%
44.4%	18,189	19,277	1,089	6.0%
45.7%	18,156	18,059	-96	-0.5%
46.9%	18,074	17,346	-728	-4.0%
48.1%	16,807	16,870	63	0.4%
49.4%	16,657	16,450	-206	-1.2%
50.6%	16,272	16,271	-1	0.0%
51.9%	15,863	15,855	-8	0.0%
53.1%	14,935	15,002	67	0.4%
54.3%	14,162	14,250	88	0.6%
55.6%	13,912	14,164	251	1.8%
56.8%	13,807	14,072	264	1.9%
58.0%	13,252	13,927	674	5.1%
59.3%	13,081	13,768	687	5.3%
60.5%	13,042	13,045	3	0.0%
61.7%	13,023	13,002	-21	-0.2%
63.0%	12,725	12,804	79	0.6%
64.2%	12,369	12,384	15	0.1%
65.4%	12,307	12,337	30	0.2%
66.7%	12,294	12,280	-14	-0.1%
67.9%	12,180	12,187	7	0.1%
69.1%	12,075	12,063	-13	-0.1%
70.4%	11,720	11,842	122	1.0%
71.6%	11,695	11,657	-38	-0.3%
72.8%	11,589	11,526	-63	-0.5%
74.1%	11,530	11,468	-63	-0.5%
75.3%	11,430	11,447	17	0.1%
76.5%	11,397	11,440	43	

Table SW-17-7b
Sacramento River at Freepoint, Monthly Flow
Probability of Exceedance

June						July						August						September					
Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)		Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)		Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)		Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)	
0.0%	61,207	61,113	-94	-0.2%	0.0%	24,971	26,459	1,489	6.0%	0.0%	19,779	22,427	2,648	13.4%	0.0%	31,373	31,375	2	0.0%				
1.2%	37,909	37,146	-763	-2.0%	1.2%	24,965	26,438	1,473	5.9%	1.2%	19,773	22,421	2,648	13.4%	1.2%	30,934	31,375	441	2.0%				
2.5%	37,909	38,876	967	2.6%	2.5%	24,847	26,351	1,504	6.1%	2.5%	19,566	20,562	996	5.1%	2.5%	30,321	30,636	315	1.0%				
3.7%	37,649	38,865	1,217	3.2%	3.7%	24,793	26,268	1,475	5.9%	3.7%	19,045	19,820	775	4.1%	3.7%	30,116	30,362	246	0.8%				
4.9%	35,934	38,348	2,414	6.7%	4.9%	24,526	26,124	1,599	6.5%	4.9%	18,442	19,750	1,308	7.1%	4.9%	30,019	30,229	210	0.7%				
6.2%	35,171	36,640	1,469	4.2%	6.2%	24,526	26,038	1,512	6.2%	6.2%	18,371	19,703	1,332	7.3%	6.2%	29,810	30,187	377	1.3%				
7.4%	34,371	36,846	2,474	7.2%	7.4%	24,481	25,913	1,524	6.3%	7.4%	18,210	19,626	1,416	8.1%	7.4%	29,770	30,120	350	1.2%				
8.6%	29,602	30,669	1,067	3.6%	8.6%	24,000	25,633	1,633	6.8%	8.6%	18,176	19,647	1,470	8.1%	8.6%	29,476	29,847	371	1.3%				
9.9%	26,081	25,914	-168	-0.6%	9.9%	23,989	25,580	1,591	6.6%	9.9%	18,042	19,410	1,368	7.6%	9.9%	29,436	29,878	441	1.5%				
11.1%	24,659	25,414	756	3.1%	11.1%	23,926	25,504	1,578	6.6%	11.1%	17,952	19,259	1,307	7.3%	11.1%	29,392	29,828	435	1.5%				
12.3%	24,585	24,393	-192	-0.8%	12.3%	23,917	25,221	1,304	5.5%	12.3%	17,779	19,242	1,463	8.2%	12.3%	29,273	29,548	276	0.9%				
13.6%	23,898	22,691	-1,206	-5.0%	13.6%	23,821	25,031	1,210	5.1%	13.6%	17,769	19,151	1,382	7.8%	13.6%	29,249	29,536	287	1.0%				
14.8%	22,222	22,472	250	1.1%	14.8%	23,814	24,693	879	3.7%	14.8%	17,560	19,088	1,528	8.7%	14.8%	29,063	29,490	428	1.5%				
16.0%	20,986	21,932	946	4.5%	16.0%	23,788	24,659	871	3.7%	16.0%	17,489	19,059	1,571	9.0%	16.0%	28,883	29,414	531	1.8%				
17.3%	20,680	21,736	1,056	5.1%	17.3%	23,565	24,529	964	4.1%	17.3%	17,326	19,386	2,060	11.8%	17.3%	28,265	29,333	1,068	3.8%				
18.5%	20,624	21,033	409	2.0%	18.5%	23,549	24,489	940	4.0%	18.5%	17,265	18,600	1,336	7.7%	18.5%	27,830	29,336	1,506	5.4%				
19.8%	20,400	20,441	41	0.2%	19.8%	23,175	24,325	1,150	5.0%	19.8%	17,220	18,597	1,376	8.0%	19.8%	27,046	29,241	2,195	8.1%				
21.0%	19,312	19,807	496	2.6%	21.0%	22,875	24,221	1,346	5.9%	21.0%	17,204	18,564	1,359	7.9%	21.0%	26,223	28,950	2,727	10.4%				
22.2%	18,254	18,727	474	2.6%	22.2%	22,792	24,205	1,413	6.2%	22.2%	17,128	18,498	1,370	8.0%	22.2%	26,199	28,813	2,614	10.0%				
23.5%	16,703	17,435	732	4.4%	23.5%	22,625	24,129	1,503	6.6%	23.5%	17,111	18,493	1,382	8.1%	23.5%	26,170	28,652	2,483	9.5%				
24.7%	16,310	16,617	307	1.9%	24.7%	22,577	23,741	1,164	5.2%	24.7%	17,108	18,282	1,174	6.9%	24.7%	25,656	28,365	2,709	10.6%				
25.9%	15,792	16,403	611	4.1%	25.9%	22,427	23,981	1,554	6.9%	25.9%	17,066	18,261	1,195	6.9%	25.9%	25,169	28,106	2,938	11.9%				
27.2%	15,770	16,265	495	3.1%	27.2%	22,363	23,229	866	3.9%	27.2%	17,061	18,247	1,186	6.9%	27.2%	24,103	23,941	-162	-0.7%				
28.4%	15,523	16,244	721	4.6%	28.4%	22,240	23,142	902	4.1%	28.4%	17,008	18,206	1,198	7.0%	28.4%	23,702	23,572	-131	-0.6%				
29.6%	15,463	15,819	356	2.3%	29.6%	21,879	23,050	1,171	5.4%	29.6%	17,004	18,204	1,200	7.1%	29.6%	23,484	23,224	-261	-2.0%				
30.9%	15,042	15,627	585	3.9%	30.9%	21,688	22,988	1,300	6.0%	30.9%	16,996	18,002	1,005	5.9%	30.9%	22,818	22,849	31	0.1%				
32.1%	14,987	15,549	561	3.7%	32.1%	21,639	22,805	1,166	5.4%	32.1%	16,913	17,819	907	5.4%	32.1%	22,405	22,675	270	1.2%				
33.3%	14,740	15,480	740	5.0%	33.3%	21,602	22,797	1,195	5.5%	33.3%	16,866	17,617	751	4.5%	33.3%	22,226	22,452	226	1.0%				
34.6%	14,739	15,226	487	3.3%	34.6%	21,218	22,620	1,403	6.6%	34.6%	16,848	17,608	760	4.5%	34.6%	22,129	22,248	119	0.5%				
35.8%	14,701	15,180	479	3.3%	35.8%	20,866	22,511	1,645	7.9%	35.8%	16,813	17,474	661	3.9%	35.8%	21,405	21,585	180	0.8%				
37.0%	14,561	15,062	501	3.4%	37.0%	20,853	22,423	1,571	7.5%	37.0%	16,774	17,471	697	4.2%	37.0%	21,019	21,685	666	3.2%				
38.3%	14,526	15,022	496	3.4%	38.3%	20,849	22,331	1,482	7.1%	38.3%	16,757	17,392	635	3.8%	38.3%	20,836	21,403	567	2.7%				
39.5%	14,511	14,934	423	2.9%	39.5%	20,831	21,940	1,110	5.3%	39.5%	16,678	17,273	594	3.6%	39.5%	20,697	21,292	595	2.9%				
40.7%	14,501	14,505	4	0.0%	40.7%	20,330	21,655	1,325	6.5%	40.7%	16,638	17,235	598	3.6%	40.7%	20,134	21,018	885	4.4%				
42.0%	14,037	14,468	431	3.1%	42.0%	20,262	21,651	1,389	6.9%	42.0%	16,595	17,183	588	3.5%	42.0%	19,988	20,720	732	3.7%				
43.2%	13,763	14,031	268	1.9%	43.2%	20,211	21,596	1,385	6.9%	43.2%	16,415	17,158	743	4.5%	43.2%	19,640	20,030	390	2.0%				
44.4%	13,721	14,011	290	2.1%	44.4%	20,202	21,548	1,346	6.7%	44.4%	16,338	17,037	699	4.3%	44.4%	19,077	19,920	843	4.4%				
45.7%	13,653	13,985	333	2.4%	45.7%	20,184	21,544	1,360	6.7%	45.7%	16,313	16,912	598	3.7%	45.7%	18,599	19,523	924	17.6%				
46.9%	13,603	13,957	354	2.6%	46.9%	20,094	21,485	1,392	6.9%	46.9%	16,264	16,822	558	3.4%	46.9%	14,453	16,073	1,620	11.2%				
48.1%	13,570	13,943	372	2.7%	48.1%	20,048	21,443	1,395	7.0%	48.1%	16,017	16,651	635	4.0%	48.1%	13,809	15,669	1,860	13.5%				
49.4%	13,511	13,836	325	2.4%	49.4%	20,042	21,429	1,387	6.9%	49.4%	15,971	16,585	613	3.8%	49.4%	13,720	15,500	1,781	13.0%				
50.6%	13,367	13,773	406	3.0%	50.6%	20,000	21,381	1,381	6.9%	50.6%	15,958	16,526	567	3.6%	50.6%	13,529	15,240	1,712	12.7%				
51.9%	13,274	13,758	484	3.6%	51.9%	19,988	21,372	1,384	6.9%	51.9%	15,933	16,387	454	2.8%	51.9%	13,364	14,949	1,585	11.9%				
53.1%	13,172	13,722	551	4.2%	53.1%	19,910	21,343	1,433	7.2%	53.1%	15,897	16,262	366	2.3%	53.1%	13,040	14,923	1,883	14.4%				
54.3%	12,958	13,658	700	5.4%	54.3%	19,883	21,303	1,420	7.1%	54.3%	15,893	16,244	351	2.2%	54.3%	12,725	14,904	2,178	17.1%				
55.6%	12,932	13,590	658	5.1%	55.6%	19,840	21,278	1,438	7.2%	55.6%	15,754	16,149	395	2.5%	55.6%	12,594	14,900	2,306	18.3%				
56.8%	12,913	13,555	642	5.0%	56.8%	19,829	21,161	1,332	6.7%	56.8%	15,683	15,986	302	1.9%	56.8%	12,571	14,815	2,244	17.8%				
58.0%	12,905	13,494	590	4.6%	58.0%	19,802	21,098	1,296	6.5%	58.0%	15,681	15,967	286	1.8%	58.0%	12,566	14,407	1,840	14.6%				
59.3%	12,848	13,392	544	4.2%	59.3%	19,675	21,067	1,392	7.1%	59.3%	15,499	15,960	460	3.0%	59.3%	12,525	14,328	1,802	14.4%				
60.5%	12,695	13,355	660	5.2%	60.5%	19,532	21,034	1,502	7.7%	60.5%	15,481	15,780	300	1.9%	60.5%	12,495	14,319	1,823	14.6%				
61.7%	12,692	13,290	598	4.7%	61.7%	19,505	20,700	1,196	6.1%	61.7%	15,455	15,755	300	1.9%	61.7%	12,443	14,101	1,658	13.3%				
63.0%	12,643	13,159	516	4.1%	63.0%	19,016	20,599	1,583	8.3%	63.0%	15,450	15,677	228	1.5%	63.0%	12,162	14,068	1,905	15.7%				
64.2%	12,631	13,119	488	3.9%	64.2%	18,935	20,329	1,394	7.4%	64.2%	15,275	15,671	396	2.6%	64.2%	12,123	13,733	1,610	13.3%				
65.4%	12,621	12,980	359	2.8%	65.4%	18,760	20,113	1,353	7.2%	65.4%	15,227	15,498	272	1.8%	65.4%	12,024	13,707	1,682	14.0%				
66.7%	12,528	12,968	441	3.5%	66.7%	18,756	20,111	1,355	7.2%	66.7%	15,220	15,482	262	1.7%	66.7%	11,888	13,664	1,776	14.9%				
67.9%	12,456	12,859	403	3.2%	67.9%	18,614	19,847	1,233	6.6%	67.9%	15,132	15,297	165	1.1%	67.9%	11,884	13,506	1,622	13.6%				
69.1%	12,449	12,795	347	2.8%	69.1%	18,569	19,363	795	4.3%	69.1%	14,933	15,274	341	2.3%	69.1%	11,733	13,444	1,711	14.6%				
70.4%	12,281	12,777	496	4.0%	70.4%	18,506	18,965	459	2.5%	70.4%	14,920	15,246	325	2.2%	70.4%	11,572	13,249	1,677	14.5%				
71.6%	12,277	12,722	446	3.6%	71.6%	17,888	18,942	1,054	5.9%	71.6%	14,900	15,220	321	2.2%	71.6%	11,541	12,975	1,434	12.4%				
72.8%	12,218	12,674	456	3.7%	72.8%	17,841	18,941	1,100	6.2%	72.8%	14,866	15,107	242	1.6%	72.8%	11,403	12,895	1,492	13.1%				
74.1%	12,184	12,654	470	3.9%	74.1%	17,466	18,889	1,423	8.1%	74.1%	14,841	15,069	228	1.5%	74.1%	11,255	12,888	1,633					

Table SW-18-7a
Lake Oroville, End of Month Storage

Analysis Period	End of Month Storage (TAF)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term Average and Average by Water Year Type												
Long-term												
Full Simulation Period¹												
No Action Alternative	1,767	1,826	1,968	2,170	2,381	2,591	2,864	3,002	2,885	2,399	2,098	1,831
Alternative C	1,788	1,849	2,010	2,213	2,414	2,620	2,896	3,038	2,912	2,427	2,124	1,838
Difference	21	23	42	43	33	29	32	36	28	28	25	7
Percent Difference ³	1.2%	1.2%	2.1%	2.0%	1.4%	1.1%	1.1%	1.2%	1.0%	1.2%	1.2%	0.4%
Water Year Types²												
Wet (32%)												
No Action Alternative	2,377	2,423	2,485	2,679	2,860	2,945	3,304	3,508	3,483	3,125	2,927	2,473
Alternative C	2,378	2,430	2,527	2,689	2,860	2,945	3,304	3,508	3,470	3,111	2,915	2,454
Difference	1	7	43	10	0	0	0	0	-13	-13	-12	-19
Percent Difference	0.0%	0.3%	1.7%	0.4%	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.4%	-0.4%	-0.8%
Above Normal (15%)												
No Action Alternative	1,965	2,024	2,128	2,296	2,610	2,930	3,292	3,498	3,393	2,821	2,434	2,039
Alternative C	1,960	2,019	2,167	2,338	2,634	2,935	3,297	3,498	3,365	2,794	2,432	2,020
Difference	-5	-5	38	42	25	6	6	0	-28	-27	-2	-19
Percent Difference	-0.3%	-0.2%	1.8%	1.8%	0.9%	0.2%	0.2%	0.0%	-0.8%	-1.0%	-0.1%	-0.9%
Below Normal (17%)												
No Action Alternative	1,867	1,939	2,150	2,078	2,334	2,593	2,969	3,191	3,082	2,490	2,081	1,911
Alternative C	1,904	1,978	2,159	2,158	2,380	2,634	3,013	3,236	3,102	2,513	2,124	1,936
Difference	38	39	9	80	46	41	44	45	20	22	43	25
Percent Difference	2.0%	2.0%	0.4%	3.9%	2.0%	1.6%	1.5%	1.4%	0.7%	0.9%	2.1%	1.3%
Dry (22%)												
No Action Alternative	1,242	1,331	1,579	1,842	2,069	2,386	2,578	2,621	2,403	1,827	1,422	1,297
Alternative C	1,278	1,362	1,637	1,888	2,115	2,440	2,637	2,700	2,495	1,922	1,475	1,303
Difference	36	31	58	45	46	54	60	79	92	95	53	7
Percent Difference	2.9%	2.3%	3.7%	2.5%	2.2%	2.3%	2.3%	3.0%	3.8%	5.2%	3.7%	0.5%
Critical (15%)												
No Action Alternative	921	947	1,060	1,542	1,636	1,792	1,790	1,760	1,573	1,154	1,000	941
Alternative C	971	999	1,115	1,609	1,713	1,854	1,864	1,837	1,655	1,236	1,073	1,010
Difference	50	52	55	67	78	62	74	77	82	81	73	69
Percent Difference	5.4%	5.5%	5.2%	4.3%	4.8%	3.5%	4.1%	4.4%	5.2%	7.1%	7.3%	7.3%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

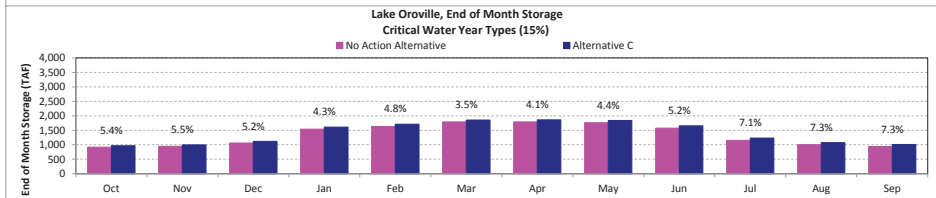
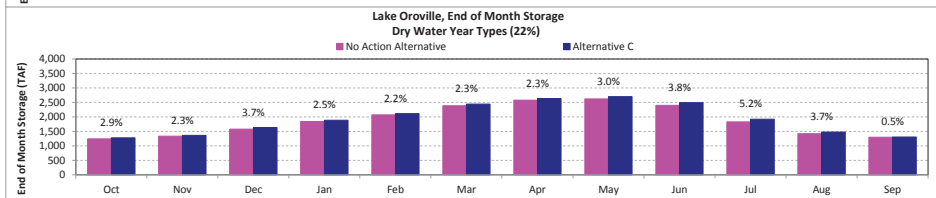
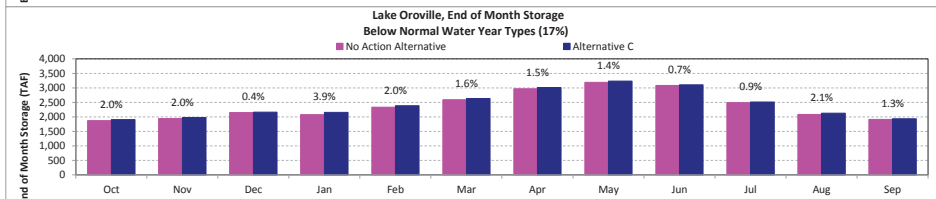
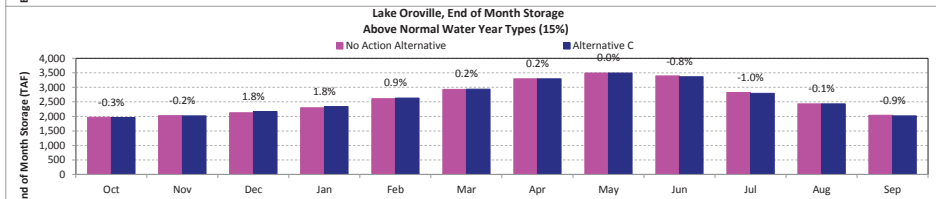
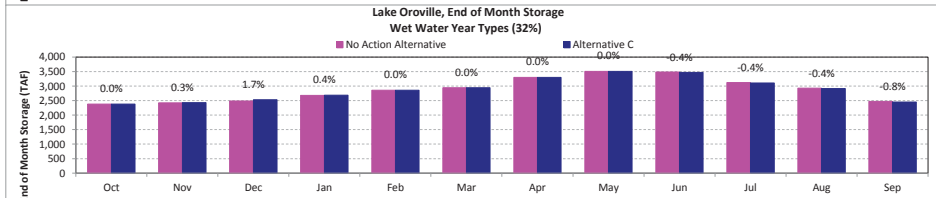
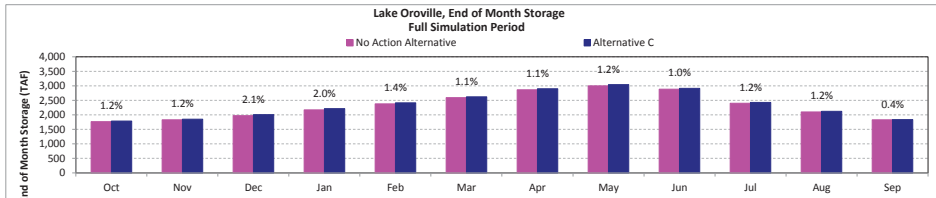


Figure SW-18-7b
Lake Oroville, End of Month Storage
Probability of Exceedance

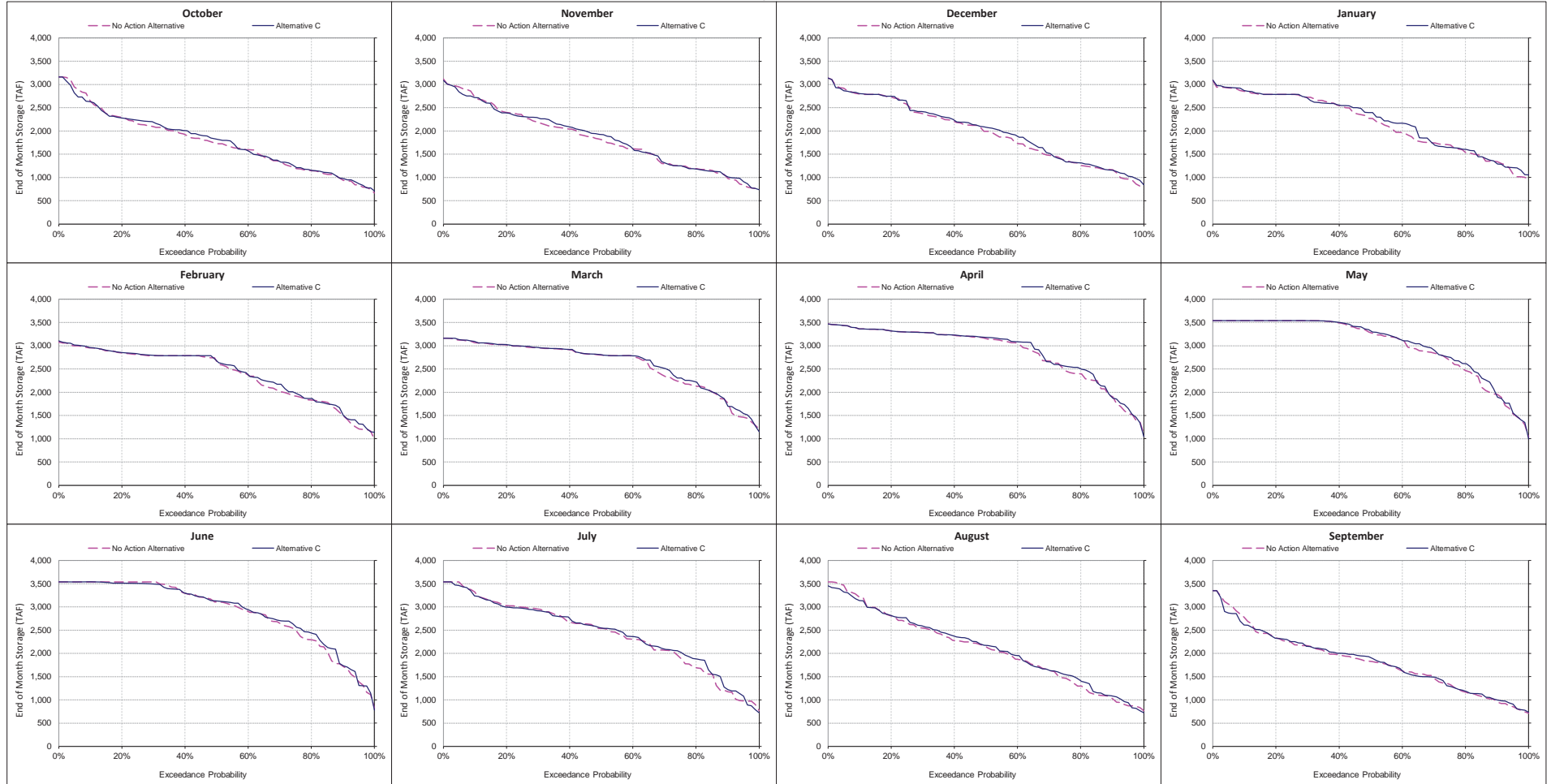


Table SW-18-7b
Lake Oroville, End of Month Storage
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative End of Month Storage (TAF)	Alternative C End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	3,163	3,163	0	0.0%
1.2%	3,163	3,163	0	0.0%
2.5%	3,149	3,073	-76	-2.4%
3.7%	3,104	2,987	-117	-3.8%
4.9%	2,951	2,820	-131	-4.4%
6.2%	2,888	2,732	-156	-5.4%
7.4%	2,836	2,731	-104	-3.7%
8.6%	2,813	2,641	-173	-6.1%
9.9%	2,658	2,631	-27	-1.0%
11.1%	2,571	2,607	36	1.4%
12.3%	2,516	2,536	20	0.8%
13.6%	2,487	2,442	-44	-1.8%
14.8%	2,382	2,382	0	0.0%
16.0%	2,342	2,318	-24	-1.0%
17.3%	2,327	2,315	-11	-0.5%
18.5%	2,311	2,297	-14	-0.6%
19.8%	2,294	2,285	-9	-0.4%
21.0%	2,275	2,265	-10	-0.5%
22.2%	2,230	2,258	28	1.2%
23.5%	2,217	2,249	32	1.4%
24.7%	2,157	2,232	74	3.5%
25.9%	2,140	2,224	83	3.9%
27.2%	2,133	2,212	79	3.7%
28.4%	2,109	2,205	96	4.5%
29.6%	2,102	2,199	97	4.6%
30.9%	2,090	2,189	99	4.8%
32.1%	2,079	2,131	52	2.5%
33.3%	2,066	2,086	20	1.0%
34.6%	2,018	2,046	28	1.4%
35.8%	2,002	2,035	33	1.6%
37.0%	2,000	2,028	28	1.3%
38.3%	1,953	2,026	73	3.7%
39.5%	1,939	2,012	73	3.8%
40.7%	1,897	2,006	110	5.8%
42.0%	1,854	1,943	89	4.8%
43.2%	1,845	1,941	96	5.2%
44.4%	1,843	1,918	75	4.1%
45.7%	1,805	1,897	92	5.1%
46.9%	1,797	1,895	98	5.5%
48.1%	1,770	1,850	80	4.5%
49.4%	1,740	1,833	92	5.3%
50.6%	1,724	1,815	91	5.3%
51.9%	1,723	1,801	77	4.5%
53.1%	1,694	1,797	103	6.1%
54.3%	1,665	1,789	123	7.4%
55.6%	1,634	1,716	82	5.0%
56.8%	1,630	1,612	-18	-1.1%
58.0%	1,623	1,602	-22	-1.3%
59.3%	1,599	1,597	-3	-0.2%
60.5%	1,599	1,554	-45	-2.8%
61.7%	1,592	1,499	-93	-5.9%
63.0%	1,512	1,483	-29	-1.9%
64.2%	1,474	1,461	-12	-0.8%
65.4%	1,421	1,457	36	2.5%
66.7%	1,404	1,425	20	1.5%
67.9%	1,363	1,375	13	0.9%
69.1%	1,356	1,374	18	1.3%
70.4%	1,341	1,331	-10	-0.7%
71.6%	1,281	1,327	46	3.6%
72.8%	1,249	1,314	65	5.2%
74.1%	1,226	1,267	41	3.3%
75.3%	1,191	1,210	19	1.6%
76.5%	1,181	1,209	28	2.4%
77.8%	1,164	1,177	13	1.1%
79.0%	1,158	1,175	17	1.4%
80.2%	1,143	1,148	5	0.4%
81.5%	1,138	1,144	6	0.5%
82.7%	1,118	1,131	13	1.2%
84.0%	1,083	1,113	30	2.8%
85.2%	1,065	1,108	43	4.0%
86.4%	1,065	1,093	29	2.7%
87.7%	1,043	1,047	3	0.3%
88.9%	988	989	1	0.1%
90.1%	939	939	0	0.0%
91.4%	927	951	24	2.6%
92.6%	921	947	26	2.7%
93.8%	845	908	63	7.5%
95.1%	844	864	19	2.3%
96.3%	792	831	39	5.0%
97.5%	788	775	-13	-1.7%
98.8%	741	744	3	0.4%
100.0%	668	711	44	6.5%

November				
Percent Exceedance Probability (%)	No Action Alternative End of Month Storage (TAF)	Alternative C End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	3,119	3,087	-31	-1.0%
1.2%	3,008	3,008	0	0.0%
2.5%	2,981	2,981	0	0.0%
3.7%	2,969	2,950	-19	-0.6%
4.9%	2,950	2,844	-106	-3.6%
6.2%	2,782	2,708	-74	-2.7%
7.4%	2,891	2,752	-140	-4.8%
8.6%	2,859	2,752	-107	-3.8%
9.9%	2,734	2,719	-15	-0.5%
11.1%	2,679	2,715	37	1.4%
12.3%	2,570	2,549	-22	-0.8%
13.6%	2,631	2,604	-28	-1.1%
14.8%	2,624	2,596	-28	-1.1%
16.0%	2,318	2,476	158	6.8%
17.3%	2,462	2,431	-31	-1.3%
18.5%	2,424	2,392	-32	-1.3%
19.8%	2,403	2,391	-12	-0.5%
21.0%	2,391	2,377	-14	-0.6%
22.2%	2,383	2,347	-36	-1.5%
23.5%	2,380	2,326	-54	-2.3%
24.7%	2,358	2,314	-44	-1.9%
25.9%	2,274	2,308	34	1.5%
27.2%	2,260	2,296	37	1.6%
28.4%	2,219	2,294	75	3.4%
29.6%	2,195	2,290	95	4.3%
30.9%	2,164	2,263	99	4.6%
32.1%	2,138	2,260	122	5.7%
33.3%	2,113	2,246	133	6.3%
34.6%	2,101	2,194	93	4.4%
35.8%	2,081	2,149	68	3.3%
37.0%	2,079	2,138	59	2.8%
38.3%	2,060	2,113	53	2.6%
39.5%	2,045	2,095	49	2.4%
40.7%	2,038	2,075	38	1.8%
42.0%	2,013	2,045	32	1.6%
43.2%	1,929	2,028	109	5.6%
44.4%	1,904	2,011	107	5.6%
45.7%	1,881	1,981	100	5.3%
46.9%	1,878	1,950	72	3.9%
48.1%	1,843	1,942	99	5.4%
49.4%	1,827	1,928	100	5.5%
50.6%	1,805	1,922	117	6.5%
51.9%	1,748	1,888	140	8.0%
53.1%	1,737	1,875	138	7.9%
54.3%	1,709	1,805	96	5.6%
55.6%	1,680	1,785	105	6.3%
56.8%	1,669	1,744	75	4.5%
58.0%	1,624	1,712	89	5.5%
59.3%	1,617	1,667	50	3.1%
60.5%	1,614	1,579	-35	-2.2%
61.7%	1,609	1,575	-34	-2.1%
63.0%	1,608	1,545	-63	-3.9%
64.2%	1,535	1,536	1	0.1%
65.4%	1,509	1,525	16	1.1%
66.7%	1,497	1,487	-10	-0.7%
67.9%	1,473	1,462	-9	-0.6%
69.1%	1,356	1,338	-18	-1.3%
70.4%	1,295	1,307	12	0.9%
71.6%	1,295	1,272	-23	-1.8%
72.8%	1,259	1,255	-4	-0.3%
74.1%	1,258	1,253	-5	-0.4%
75.3%	1,246	1,249	4	0.3%
76.5%	1,244	1,223	-21	-1.7%
77.8%	1,199	1,192	-7	-0.6%
79.0%	1,193	1,189	-4	-0.4%
80.2%	1,188	1,181	-7	-0.6%
81.5%	1,175	1,165	-10	-0.9%
82.7%	1,170	1,153	-17	-1.5%
84.0%	1,167	1,140	-27	-2.3%
85.2%	1,153	1,134	-19	-1.7%
86.4%	1,099	1,129	30	2.8%
87.7%	1,086	1,121	34	3.2%
88.9%	1,066	1,057	-9	-0.9%
90.1%	976	1,010	34	3.4%
91.4%	956	996	40	4.2%
92.6%	947	985	38	4.0%
93.8%	861	984	124	14.4%
95.1%	837	912	75	8.9%
96.3%	794	864	70	8.8%
97.5%	779	777	-2	-0.2%
98.8%	766	766	0	0.0%
100.0%	717	736	19	2.6%

December				
Percent Exceedance Probability (%)	No Action Alternative End of Month Storage (TAF)	Alternative C End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	3,139	3,139	0	0.0%
1.2%	3,107	3,107	0	0.0%
2.5%	2,973	2,930	-43	-1.4%
3.7%	2,930	2,918	-12	-0.4%
4.9%	2,918	2,867	-51	-1.7%
6.2%	2,867	2,826	-41	-1.4%
7.4%	2,841	2,834	-7	-0.2%
8.6%	2,806	2,829	23	0.8%
9.9%	2,800	2,806	6	0.2%
11.1%	2,788	2,800	12	0.4%
12.3%	2,788	2,788	0	0.0%
13.6%	2,788	2,788	0	0.0%
14.8%	2,788	2,788	0	0.0%
16.0%	2,788	2,788	0	0.0%
17.3%	2,769	2,759	-10	-0.4%
18.5%	2,739	2,750	11	0.4%
19.8%	2,737	2,747	10	0.4%
21.0%	2,707	2,744	36	1.3%
22.2%	2,698	2,666	-31	-1.2%
23.5%	2,607	2,664	57	2.2%
24.7%	2,586	2,652	66	2.6%
25.9%	2,508	2,439	-69	-2.8%
27.2%	2,405	2,438	33	1.4%
28.4%	2,397	2,418	21	0.9%
29.6%	2,379	2,416	37	1.6%
30.9%	2,358	2,405	46	2.0%
32.1%	2,327	2,380	53	2.3%
33.3%	2,316	2,367	51	2.2%
34.6%	2,299	2,340	41	1.8%
35.8%	2,283	2,310	28	1.2%
37.0%	2,246	2,296	50	2.2%
38.3%	2,239	2,282	43	1.9%
39.5%	2,216	2,248	32	1.5%
40.7%	2,183	2,195	11	0.5%
42.0%	2,174	2,192	18	0.8%
43.2%	2,158	2,190	32	1.5%
44.4%	2,127	2,177	51	2.4%
45.7%	2,120	2,142	21	1.0%
46.9%	2,120	2,128	8	0.4%
48.1%	2,087	2,101	14	0.7%
49.4%	2,067	2,087	20	1.0%
50.6%	1,992	2,071	79	4.0%
51.9%	1,974	2,059	85	4.3%
53.1%	1,919	2,039	120	6.3%
54.3%	1,870	2,015	145	7.8%
55.6%	1,868	1,970	102	5.5%
56.8%	1,864	1,962	98	5.3%
58.0%	1,841	1,935	94	5.1%
59.3%	1,740	1,914	174	10.0%
60.5%	1,724	1,867	143	8.3%
61.7%	1,719	1,865	146	8.5%
63.0%	1,631	1,800	169	10.4%
64.2%	1,623	1,746	123	7.6%
65.4%	1,598	1,700	102	6.4%
66.7%	1,580	1,646	66	4.2%
67.9%	1,511	1,641	130	8.6%
69.1%	1,485	1,533	49	3.3%
70.4%	1,473	1,513	40	2.7%
71.6%	1,459	1,448	-11	-0.7%
72.8%	1,443	1,413	-30	-2.1%
74.1%	1,389	1,392	3	0.2%
75.3%	1,362	1,334	-28	-2.0%
76.5%	1,340	1,334	-7	-0.5%
77.8%	1,315	1,321	6	0.5%
79.0%	1,312	1,320	8	0.6%
80.2%	1,254	1,310	56	4.5%
81.5%	1,244	1,288	44	3.5%
82.7%	1,236	1,283	47	3.8%
84.0%	1,211	1,257	46	3.8%
85.2%	1,209	1,233	24	2.0%
86.4%	1,187	1,208	19	1.6%
87.7%	1,175	1,175	0	0.0%
88.9%	1,173	1,160	-14	-1.2%
90.1%	1,147	1,159	12	1.1%
91.4%	1,099	1,129	30	2.7%
92.6%	1,097	1,115	18	1.6%
93.8%	971	1,084	113	11.6%
95.1%	968	1,027	60	6.2%
96.3%	942	1,019	77	8.2%
97.5%	860	975	115	13.4%
98.8%	816	841	25	3.1%
100.0%	780			

Table SW-18-7b
Lake Oroville, End of Month Storage
Probability of Exceedance

February					
Percent Exceedance Probability (%)	No Action Alternative		Absolute Difference (TAF)	Relative Difference (%)	
	End of Month Storage (TAF)	Alternative C End of Month Storage (TAF)			
0.0%	3,078	3,075	27	0.9%	
1.2%	3,053	3,078	19	0.6%	
2.5%	3,057	3,059	2	0.1%	
3.7%	3,009	3,057	48	1.6%	
4.9%	2,997	3,016	19	0.6%	
6.2%	2,998	3,009	11	0.4%	
7.4%	2,987	2,997	10	0.3%	
8.6%	2,962	2,987	25	0.8%	
9.9%	2,952	2,962	10	0.3%	
11.1%	2,951	2,952	1	0.0%	
12.3%	2,934	2,945	11	0.4%	
13.6%	2,925	2,925	0	0.0%	
14.8%	2,895	2,903	8	0.3%	
16.0%	2,890	2,890	0	0.0%	
17.3%	2,884	2,884	0	0.0%	
18.5%	2,856	2,864	8	0.3%	
19.8%	2,845	2,856	11	0.4%	
21.0%	2,839	2,847	8	0.3%	
22.2%	2,832	2,845	13	0.5%	
23.5%	2,820	2,839	19	0.7%	
24.7%	2,813	2,832	19	0.7%	
25.9%	2,806	2,813	7	0.2%	
27.2%	2,797	2,806	9	0.3%	
28.4%	2,788	2,804	16	0.6%	
29.6%	2,788	2,798	10	0.4%	
30.9%	2,788	2,788	0	0.0%	
32.1%	2,788	2,788	0	0.0%	
33.3%	2,788	2,788	0	0.0%	
34.6%	2,788	2,788	0	0.0%	
35.8%	2,788	2,788	0	0.0%	
37.0%	2,788	2,788	0	0.0%	
38.3%	2,788	2,788	0	0.0%	
39.5%	2,788	2,788	0	0.0%	
40.7%	2,788	2,788	0	0.0%	
42.0%	2,788	2,788	0	0.0%	
43.2%	2,788	2,788	0	0.0%	
44.4%	2,787	2,788	1	0.0%	
45.7%	2,761	2,788	27	1.0%	
46.9%	2,752	2,788	36	1.3%	
48.1%	2,744	2,787	43	1.6%	
49.4%	2,739	2,713	-26	-1.0%	
50.6%	2,600	2,637	37	1.4%	
51.9%	2,586	2,612	26	1.0%	
53.1%	2,552	2,592	40	1.6%	
54.3%	2,492	2,585	93	3.7%	
55.6%	2,477	2,571	94	3.8%	
56.8%	2,455	2,466	11	0.4%	
58.0%	2,400	2,441	41	1.7%	
59.3%	2,400	2,421	21	0.9%	
60.5%	2,347	2,340	-7	-0.3%	
61.7%	2,347	2,325	-22	-0.9%	
63.0%	2,235	2,316	81	3.6%	
64.2%	2,155	2,265	110	5.1%	
65.4%	2,131	2,247	115	5.4%	
66.7%	2,098	2,231	133	6.3%	
67.9%	2,086	2,220	134	6.4%	
69.1%	2,042	2,172	130	6.4%	
70.4%	2,011	2,171	160	8.0%	
71.6%	1,992	2,078	86	4.3%	
72.8%	1,967	2,012	45	2.3%	
74.1%	1,928	2,011	83	4.3%	
75.3%	1,915	1,970	54	2.8%	
76.5%	1,895	1,933	38	2.0%	
77.8%	1,866	1,873	8	0.4%	
79.0%	1,838	1,867	29	1.6%	
80.2%	1,829	1,864	35	1.9%	
81.5%	1,818	1,793	-25	-1.4%	
82.7%	1,808	1,789	-19	-1.1%	
84.0%	1,795	1,771	-24	-1.3%	
85.2%	1,782	1,746	-36	-2.0%	
86.4%	1,698	1,735	37	2.2%	
87.7%	1,648	1,723	75	4.6%	
88.9%	1,569	1,672	103	6.6%	
90.1%	1,489	1,502	13	0.9%	
91.4%	1,416	1,430	14	1.0%	
92.6%	1,322	1,407	84	6.4%	
93.8%	1,264	1,407	143	11.3%	
95.1%	1,212	1,315	104	8.6%	
96.3%	1,201	1,315	114	9.5%	
97.5%	1,199	1,220	21	1.7%	
98.8%	1,168	1,151	-17	-1.5%	
100.0%	978	1,139	162	16.5%	

March					
Percent Exceedance Probability (%)	No Action Alternative		Absolute Difference (TAF)	Relative Difference (%)	
	End of Month Storage (TAF)	Alternative C End of Month Storage (TAF)			
0.0%	3,163	3,163	0	0.0%	
1.2%	3,053	3,163	110	3.5%	
2.5%	3,162	3,163	1	0.0%	
3.7%	3,133	3,162	29	0.9%	
4.9%	3,123	3,133	10	0.3%	
6.2%	3,123	3,123	0	0.0%	
7.4%	3,105	3,120	15	0.5%	
8.6%	3,096	3,105	9	0.3%	
9.9%	3,063	3,096	33	1.1%	
11.1%	3,059	3,063	4	0.1%	
12.3%	3,058	3,059	1	0.0%	
13.6%	3,054	3,058	4	0.1%	
14.8%	3,036	3,054	18	0.6%	
16.0%	3,028	3,036	8	0.3%	
17.3%	3,027	3,028	1	0.0%	
18.5%	3,024	3,027	3	0.1%	
19.8%	3,018	3,024	6	0.2%	
21.0%	2,999	3,018	19	0.6%	
22.2%	2,995	3,001	6	0.2%	
23.5%	2,990	2,999	9	0.3%	
24.7%	2,988	2,995	7	0.2%	
25.9%	2,978	2,990	12	0.4%	
27.2%	2,964	2,988	24	0.8%	
28.4%	2,964	2,964	0	0.0%	
29.6%	2,954	2,964	10	0.3%	
30.9%	2,951	2,954	3	0.1%	
32.1%	2,944	2,951	7	0.2%	
33.3%	2,943	2,944	1	0.0%	
34.6%	2,937	2,943	6	0.2%	
35.8%	2,936	2,937	1	0.0%	
37.0%	2,927	2,936	9	0.3%	
38.3%	2,922	2,927	5	0.2%	
39.5%	2,918	2,922	4	0.1%	
40.7%	2,909	2,918	9	0.3%	
42.0%	2,860	2,864	4	0.2%	
43.2%	2,847	2,847	0	0.0%	
44.4%	2,833	2,833	0	0.0%	
45.7%	2,817	2,826	9	0.3%	
46.9%	2,817	2,825	8	0.3%	
48.1%	2,814	2,817	3	0.1%	
49.4%	2,804	2,817	13	0.5%	
50.6%	2,797	2,797	0	0.0%	
51.9%	2,788	2,790	2	0.1%	
53.1%	2,788	2,788	0	0.0%	
54.3%	2,788	2,788	0	0.0%	
55.6%	2,788	2,788	0	0.0%	
56.8%	2,788	2,788	0	0.0%	
58.0%	2,788	2,788	0	0.0%	
59.3%	2,788	2,788	0	0.0%	
60.5%	2,759	2,788	29	1.1%	
61.7%	2,738	2,769	31	1.1%	
63.0%	2,689	2,734	45	1.7%	
64.2%	2,680	2,693	13	0.5%	
65.4%	2,623	2,690	67	2.6%	
66.7%	2,481	2,569	88	3.6%	
67.9%	2,427	2,555	127	5.3%	
69.1%	2,378	2,528	150	6.3%	
70.4%	2,334	2,507	173	7.4%	
71.6%	2,328	2,470	142	6.1%	
72.8%	2,272	2,368	96	4.2%	
74.1%	2,239	2,306	67	3.0%	
75.3%	2,235	2,304	69	3.1%	
76.5%	2,180	2,255	76	3.5%	
77.8%	2,173	2,255	82	3.8%	
79.0%	2,144	2,237	93	4.4%	
80.2%	2,127	2,219	91	4.3%	
81.5%	2,125	2,092	-32	-1.5%	
82.7%	2,104	2,073	-31	-1.5%	
84.0%	2,053	2,044	-9	-0.4%	
85.2%	2,005	2,007	2	0.1%	
86.4%	1,961	1,974	13	0.6%	
87.7%	1,867	1,918	51	2.7%	
88.9%	1,851	1,866	15	0.8%	
90.1%	1,765	1,699	-66	-3.7%	
91.4%	1,554	1,695	141	9.1%	
92.6%	1,407	1,688	281	19.9%	
93.8%	1,264	1,605	341	27.0%	
95.1%	1,464	1,544	81	5.5%	
96.3%	1,411	1,515	74	5.2%	
97.5%	1,363	1,423	60	4.4%	
98.8%	1,289	1,277	-12	-0.9%	
100.0%	1,211	1,151	-60	-4.9%	

April					
Percent Exceedance Probability (%)	No Action Alternative		Absolute Difference (TAF)	Relative Difference (%)	
	End of Month Storage (TAF)	Alternative C End of Month Storage (TAF)			
0.0%	3,470	3,470	0	0.0%	
1.2%	3,456	3,456	0	0.0%	
2.5%	3,452	3,452	0	0.0%	
3.7%	3,446	3,446	0	0.0%	
4.9%	3,433	3,433	0	0.0%	
6.2%	3,427	3,427	0	0.0%	
7.4%	3,396	3,396	0	0.0%	
8.6%	3,389	3,389	0	0.0%	
9.9%	3,362	3,362	0	0.0%	
11.1%	3,362	3,362	0	0.0%	
12.3%	3,357	3,357	0	0.0%	
13.6%	3,354	3,354	0	0.0%	
14.8%	3,354	3,354	0	0.0%	
16.0%	3,352	3,352	0	0.0%	
17.3%	3,350	3,350	0	0.0%	
18.5%	3,334	3,334	0	0.0%	
19.8%	3,324	3,324	0	0.0%	
21.0%	3,305	3,305	0	0.0%	
22.2%	3,303	3,303	0	0.0%	
23.5%	3,298	3,298	0	0.0%	
24.7%	3,298	3,298	0	0.0%	
25.9%	3,294	3,294	0	0.0%	
27.2%	3,292	3,292	0	0.0%	
28.4%	3,292	3,292	0	0.0%	
29.6%	3,284	3,284	0	0.0%	
30.9%	3,281	3,281	0	0.0%	
32.1%	3,277	3,277	0	0.0%	
33.3%	3,277	3,277	0	0.0%	
34.6%	3,241	3,241	0	0.0%	
35.8%	3,238	3,238	0	0.0%	
37.0%	3,236	3,236	0	0.0%	
38.3%	3,235	3,235	0	0.0%	
39.5%	3,234	3,234	0	0.0%	
40.7%	3,218	3,227	9	0.3%	
42.0%	3,208	3,218	10	0.3%	
43.2%	3,208	3,208	0	0.0%	
44.4%	3,203	3,208	5	0.1%	
45.7%	3,190	3,203	14	0.4%	
46.9%	3,181	3,201	19	0.6%	
48.1%	3,180	3,190	10	0.3%	
49.4%	3,167	3,181	14	0.5%	
50.6%	3,143	3,180	37	1.2%	
51.9%	3,139	3,172	33	1.0%	
53.1%	3,134	3,167	32	1.0%	
54.3%	3,121	3,149	28	0.9%	
55.6%	3,097	3,143	46	1.5%	
56.8%	3,086	3,139	53	1.7%	
58.0%	3,066	3,096	30	1.0%	
59.3%	3,065	3,086	22	0.7%	
60.5%	3,031	3,083	52	1.7%	
61.7%	2,960	3,079	119	4.0%	
63.0%	2,940	3,077	136	4.6%	
64.2%	2,901	3,073	172	5.9%	
65.4%	2,865	2,925	60	2.1%	
66.7%	2,829	2,913	84	3.0%	
67.9%	2,679	2,800	121	4.5%	
69.1%	2,677	2,658	-18	-0.7%	
70.4%	2,670	2,653	-18	-0.7%	
71.6%	2,626	2,598	-28	-1.1%	
72.8%	2,622	2,596	-26	-1.0%	
74.1%	2,533	2,577	44		

Table SW-18-7b
Lake Oroville, End of Month Storage
Probability of Exceedance

Percent Exceedance Probability (%)	June			Absolute Difference (TAF)	Relative Difference (%)
	No Action Alternative End of Month Storage	Alternative C End of Month Storage	End of Month Storage		
0.0%	3,538	3,538	0	0.0%	
1.2%	3,538	3,538	0	0.0%	
2.5%	3,538	3,538	0	0.0%	
3.7%	3,538	3,538	0	0.0%	
4.9%	3,538	3,538	0	0.0%	
6.2%	3,538	3,538	0	0.0%	
7.4%	3,538	3,538	0	0.0%	
8.6%	3,538	3,538	0	0.0%	
9.9%	3,538	3,538	0	0.0%	
11.1%	3,538	3,538	0	0.0%	
12.3%	3,538	3,538	0	0.0%	
13.6%	3,538	3,538	0	0.0%	
14.8%	3,538	3,526	-12	-0.3%	
16.0%	3,538	3,525	-13	-0.4%	
17.3%	3,538	3,510	-28	-0.8%	
18.5%	3,538	3,510	-28	-0.8%	
19.8%	3,538	3,510	-28	-0.8%	
21.0%	3,538	3,510	-28	-0.8%	
22.2%	3,538	3,509	-29	-0.8%	
23.5%	3,538	3,509	-29	-0.8%	
24.7%	3,538	3,508	-30	-0.9%	
25.9%	3,538	3,508	-30	-0.9%	
27.2%	3,538	3,508	-30	-0.9%	
28.4%	3,538	3,496	-42	-1.2%	
29.6%	3,538	3,495	-43	-1.2%	
30.9%	3,538	3,487	-51	-1.4%	
32.1%	3,538	3,486	-49	-1.4%	
33.3%	3,486	3,424	-61	-1.8%	
34.6%	3,467	3,396	-71	-2.0%	
35.8%	3,424	3,388	-37	-1.1%	
37.0%	3,422	3,390	-32	-0.9%	
38.3%	3,349	3,379	29	0.9%	
39.5%	3,305	3,308	2	0.1%	
40.7%	3,279	3,282	3	0.1%	
42.0%	3,260	3,275	15	0.5%	
43.2%	3,258	3,238	-20	-0.6%	
44.4%	3,212	3,221	9	0.3%	
45.7%	3,210	3,217	8	0.2%	
46.9%	3,193	3,173	-20	-0.6%	
48.1%	3,167	3,137	-29	-0.9%	
49.4%	3,130	3,130	0	0.0%	
50.6%	3,103	3,124	22	0.7%	
51.9%	3,101	3,115	13	0.4%	
53.1%	3,082	3,107	25	0.8%	
54.3%	3,054	3,098	44	1.4%	
55.6%	3,030	3,082	51	1.7%	
56.8%	2,991	3,079	88	2.9%	
58.0%	2,949	3,002	53	1.8%	
59.3%	2,924	2,960	36	1.2%	
60.5%	2,886	2,924	38	1.3%	
61.7%	2,883	2,879	-4	-0.1%	
63.0%	2,871	2,876	5	0.2%	
64.2%	2,847	2,849	1	0.0%	
65.4%	2,826	2,778	-48	-1.7%	
66.7%	2,703	2,760	57	2.1%	
67.9%	2,687	2,746	59	2.2%	
69.1%	2,681	2,718	37	1.4%	
70.4%	2,635	2,700	64	2.4%	
71.6%	2,595	2,694	99	3.8%	
72.8%	2,578	2,693	115	4.5%	
74.1%	2,544	2,641	97	3.8%	
75.3%	2,477	2,561	84	3.4%	
76.5%	2,363	2,537	173	7.3%	
77.8%	2,315	2,468	152	6.6%	
79.0%	2,299	2,463	164	7.1%	
80.2%	2,294	2,430	136	5.9%	
81.5%	2,271	2,410	138	6.1%	
82.7%	2,151	2,283	132	6.1%	
84.0%	2,142	2,192	51	2.4%	
85.2%	2,019	2,127	108	5.3%	
86.4%	1,836	2,103	267	14.6%	
87.7%	1,782	2,089	306	17.2%	
88.9%	1,777	1,782	5	0.3%	
90.1%	1,714	1,736	23	1.3%	
91.4%	1,672	1,704	32	1.9%	
92.6%	1,651	1,650	-1	-0.1%	
93.8%	1,484	1,612	128	8.7%	
95.1%	1,384	1,306	-77	-5.6%	
96.3%	1,319	1,302	-17	-1.3%	
97.5%	1,165	1,297	132	11.4%	
98.8%	1,112	1,147	35	3.2%	
100.0%	824	780	-43	-5.3%	

Percent Exceedance Probability (%)	July			Absolute Difference (TAF)	Relative Difference (%)
	No Action Alternative End of Month Storage	Alternative C End of Month Storage	End of Month Storage		
0.0%	3,538	3,538	0	0.0%	
1.2%	3,538	3,538	0	0.0%	
2.5%	3,538	3,537	-1	0.0%	
3.7%	3,538	3,475	-63	-1.8%	
4.9%	3,538	3,464	-74	-2.1%	
6.2%	3,538	3,447	-91	-2.6%	
7.4%	3,538	3,418	-119	-3.4%	
8.6%	3,374	3,347	-27	-0.8%	
9.9%	3,324	3,237	-87	-2.6%	
11.1%	3,220	3,225	5	0.1%	
12.3%	3,197	3,185	-12	-0.4%	
13.6%	3,170	3,153	-17	-0.5%	
14.8%	3,130	3,140	10	0.3%	
16.0%	3,115	3,085	-30	-1.0%	
17.3%	3,095	3,064	-31	-1.0%	
18.5%	3,059	3,020	-39	-1.3%	
19.8%	3,031	2,999	-32	-1.1%	
21.0%	3,027	2,994	-33	-1.1%	
22.2%	3,021	2,980	-41	-1.4%	
23.5%	3,009	2,979	-30	-1.0%	
24.7%	2,999	2,975	-24	-0.8%	
25.9%	2,965	2,965	0	0.0%	
27.2%	2,976	2,949	-28	-0.9%	
28.4%	2,973	2,944	-30	-1.0%	
29.6%	2,956	2,918	-38	-1.3%	
30.9%	2,944	2,914	-30	-1.0%	
32.1%	2,898	2,898	0	0.0%	
33.3%	2,893	2,886	-7	-0.3%	
34.6%	2,859	2,810	-49	-1.7%	
35.8%	2,824	2,799	-26	-0.9%	
37.0%	2,810	2,792	-18	-0.6%	
38.3%	2,752	2,790	38	1.4%	
39.5%	2,680	2,786	106	4.0%	
40.7%	2,663	2,695	32	1.2%	
42.0%	2,645	2,657	12	0.4%	
43.2%	2,644	2,657	13	0.5%	
44.4%	2,636	2,621	-15	-0.6%	
45.7%	2,635	2,612	-23	-0.9%	
46.9%	2,622	2,598	-24	-0.9%	
48.1%	2,553	2,582	28	1.1%	
49.4%	2,539	2,557	18	0.7%	
50.6%	2,535	2,541	6	0.2%	
51.9%	2,523	2,538	15	0.6%	
53.1%	2,464	2,525	61	2.5%	
54.3%	2,457	2,520	63	2.6%	
55.6%	2,412	2,485	73	3.0%	
56.8%	2,393	2,454	62	2.6%	
58.0%	2,313	2,371	58	2.5%	
59.3%	2,307	2,364	57	2.5%	
60.5%	2,301	2,359	58	2.5%	
61.7%	2,298	2,343	45	2.0%	
63.0%	2,275	2,263	-12	-0.5%	
64.2%	2,240	2,197	-43	-1.9%	
65.4%	2,191	2,165	-27	-1.2%	
66.7%	2,076	2,156	80	3.8%	
67.9%	2,074	2,145	71	3.4%	
69.1%	2,110	2,110	0	0.0%	
70.4%	2,068	2,089	21	1.0%	
71.6%	2,060	2,078	18	0.9%	
72.8%	2,037	2,064	28	1.4%	
74.1%	1,960	2,057	97	4.9%	
75.3%	1,883	2,017	134	7.1%	
76.5%	1,779	1,963	184	10.4%	
77.8%	1,774	1,928	155	8.7%	
79.0%	1,717	1,891	174	10.1%	
80.2%	1,686	1,880	193	11.5%	
81.5%	1,679	1,862	183	10.9%	
82.7%	1,583	1,851	269	17.0%	
84.0%	1,556	1,642	86	5.5%	
85.2%	1,555	1,547	-8	-0.5%	
86.4%	1,307	1,535	228	17.5%	
87.7%	1,210	1,507	297	24.6%	
88.9%	1,207	1,273	65	5.4%	
90.1%	1,176	1,221	44	3.8%	
91.4%	1,162	1,194	32	2.8%	
92.6%	1,011	1,194	182	18.0%	
93.8%	983	1,133	150	15.2%	
95.1%	975	1,081	105	10.8%	
96.3%	973	889	-85	-8.7%	
97.5%	970	871	-99	-10.2%	
98.8%	789	789	0	0.0%	
100.0%	767	724	-43	-5.6%	

Percent Exceedance Probability (%)	August			Absolute Difference (TAF)	Relative Difference (%)
	No Action Alternative End of Month Storage	Alternative C End of Month Storage	End of Month Storage		
0.0%	3,538	3,456	-82	-2.3%	
1.2%	3,538	3,418	-120	-3.4%	
2.5%	3,526	3,407	-119	-3.4%	
3.7%	3,486	3,389	-98	-2.8%	
4.9%	3,469	3,322	-147	-4.2%	
6.2%	3,327	3,207	-120	-3.6%	
7.4%	3,315	3,236	-78	-2.4%	
8.6%	3,284	3,176	-108	-3.3%	
9.9%	3,211	3,139	-72	-2.2%	
11.1%	3,204	3,130	-75	-2.3%	
12.3%	3,004	2,993	-11	-0.4%	
13.6%	2,991	2,984	-7	-0.2%	
14.8%	2,988	2,979	-9	-0.3%	
16.0%	2,932	2,928	-4	-0.1%	
17.3%	2,912	2,862	-49	-1.7%	
18.5%	2,837	2,848	11	0.4%	
19.8%	2,811	2,819	8	0.3%	
21.0%	2,793	2,789	-5	-0.2%	
22.2%	2,714	2,773	60	2.2%	
23.5%	2,711	2,766	55	2.0%	
24.7%	2,675	2,766	91	3.4%	
25.9%	2,622	2,666	44	1.7%	
27.2%	2,617	2,647	29	1.1%	
28.4%	2,551	2,604	53	2.1%	
29.6%	2,551	2,595	44	1.7%	
30.9%	2,538	2,568	29	1.2%	
32.1%	2,516	2,554	38	1.5%	
33.3%	2,492	2,510	19	0.7%	
34.6%	2,439	2,502	63	2.6%	
35.8%	2,414	2,457	43	1.8%	
37.0%	2,359	2,439	80	3.4%	
38.3%	2,341	2,407	66	2.8%	
39.5%	2,279	2,375	95	4.2%	
40.7%	2,275	2,352	77	3.4%	
42.0%	2,266	2,344	78	3.4%	
43.2%	2,248	2,339	91	4.1%	
44.4%	2,247	2,313	65	2.9%	
45.7%	2,226	2,259	33	1.5%	
46.9%	2,218	2,256	38	1.7%	
48.1%	2,192	2,205	13	0.6%	
49.4%	2,177	2,172	-5	-0.2%	
50.6%	2,117	2,168	51	2.4%	
51.9%	2,077	2,152	75	3.6%	
53.1%	2,069	2,142	74	3.6%	
54.3%	2,030	2,053	23	1.2%	
55.6%	2,023	2,048	24	1.2%	
56.8%	1,989	2,041	52	2.6%	
58.0%	1,948	1,983	34	1.8%	
59.3%	1,879	1,957	79	4.2%	
60.5%	1,865	1,950	84	4.5%	
61.7%	1,853	1,848	-5	-0.4%	
63.0%	1,826	1,806	-21	-1.1%	
64.2%	1,774	1,748	-26	-1.4%	
65.4%	1,742	1,718	-24	-1.4%	
66.7%	1,728	1,698	-30	-1.7%	
67.9%	1,676	1,666	-10	-0.6%	
69.1%	1,658	1,660	2	0.1%	
70.4%	1,624	1,628	4	0.2%	
71.6%	1,608	1,621	13	0.8%	
72.8%	1,513	1,600	87	5.7%	
74.1%	1,476	1,567	91	6.2%	
75.3%	1,462	1,537	75	5.1%	
76.5%	1,422	1,526	104	7.3%	
77.8%	1,357	1,507	150	11.0%	
79.0%	1,296	1,453	157	12.1%	
80.2%	1,296	1,399	104	8.0%	
81.5%	1,240	1,377	137	11.0%	
82.7%	1,157	1,349	192	16.6%	
84.0%	1,130	1,181	51	4.5%	
85.2%	1,106	1,155	49	4.4%	
86.4%	1,093	1,144	51	4.7%	
87.7%	1,090	1,104	14	1.3%	
88.9%	1,077	1,092	15	1.4%	
90.1%	1,021	1,086	65	6.4%	
91.4%	951	1,061	111	11.6%	
92.6%	812	1,020	208	25.6%	
93.8%	902	983	81	9.0%	
95.1%	874	939	65	7.4%	
96.3%	873	830	-43	-4.9%	
97.5%	86				

Table SW-19-7a
Lake Oroville, End of Month Elevation
Long-term Average and Average by Water Year Type

Analysis Period	End of Month Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	751	757	772	792	812	830	850	859	850	810	782	757
Alternative C	754	760	777	797	815	832	853	862	852	813	785	759
Difference	3	3	5	4	3	3	3	3	3	3	3	1
Percent Difference ³	0.4%	0.4%	0.6%	0.5%	0.4%	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.2%
Water Year Types ²												
Wet (32%)												
No Action Alternative	813	818	824	839	854	859	884	898	896	872	858	822
Alternative C	814	820	828	841	854	859	884	898	895	871	857	821
Difference	1	1	4	1	0	0	0	0	-1	-1	-1	-1
Percent Difference	0.1%	0.2%	0.5%	0.2%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%
Above Normal (15%)												
No Action Alternative	778	783	793	808	835	858	883	897	890	851	822	786
Alternative C	778	783	798	811	837	859	884	897	888	849	822	784
Difference	0	0	4	3	2	0	0	0	-2	-2	0	-2
Percent Difference	0.0%	-0.1%	0.5%	0.4%	0.2%	0.0%	0.0%	0.0%	-0.2%	-0.2%	0.0%	-0.2%
Below Normal (17%)												
No Action Alternative	769	775	795	783	809	831	861	876	869	828	791	774
Alternative C	772	779	795	791	813	834	864	879	870	829	795	775
Difference	3	4	1	8	5	3	3	3	1	1	4	2
Percent Difference	0.5%	0.5%	0.1%	1.0%	0.6%	0.4%	0.3%	0.4%	0.2%	0.2%	0.5%	0.2%
Dry (22%)												
No Action Alternative	696	706	732	763	786	816	832	836	819	764	718	703
Alternative C	700	710	739	768	791	821	837	842	826	774	724	703
Difference	4	4	7	5	5	5	6	7	10	6	0	0
Percent Difference	0.5%	0.5%	0.9%	0.7%	0.6%	0.6%	0.7%	0.9%	1.3%	0.8%	0.0%	0.0%
Critical (15%)												
No Action Alternative	649	653	671	729	739	757	757	754	733	683	662	652
Alternative C	658	662	680	736	747	762	764	761	741	691	671	663
Difference	8	8	9	7	8	5	7	7	8	8	9	11
Percent Difference	1.3%	1.3%	1.3%	0.9%	1.0%	0.7%	0.9%	0.9%	1.1%	1.2%	1.4%	1.7%

¹ Based on the 82-year simulation period
² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)
³ Relative difference of the monthly average

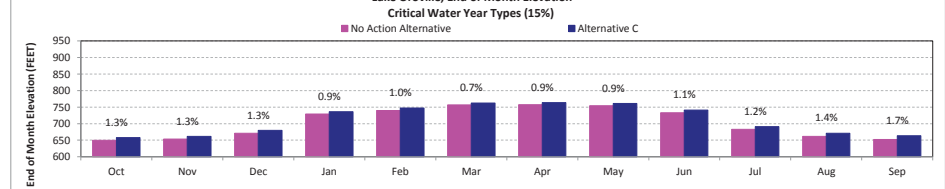
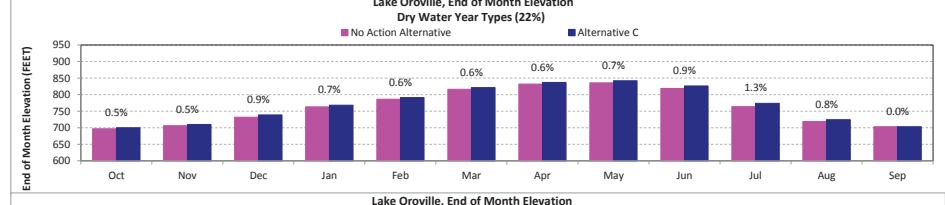
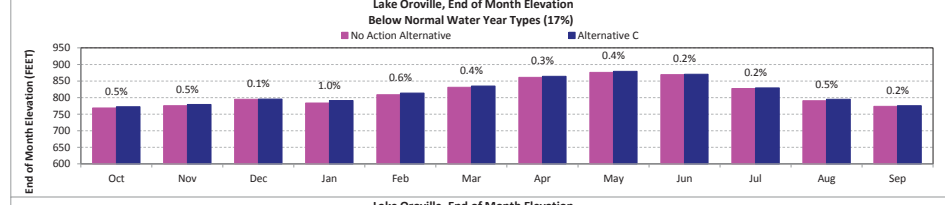
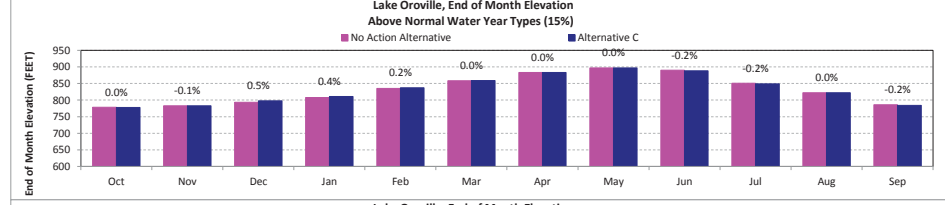
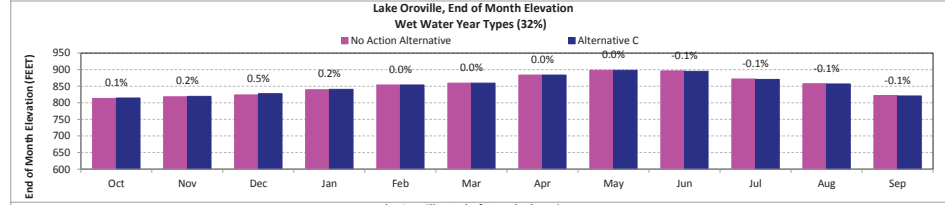
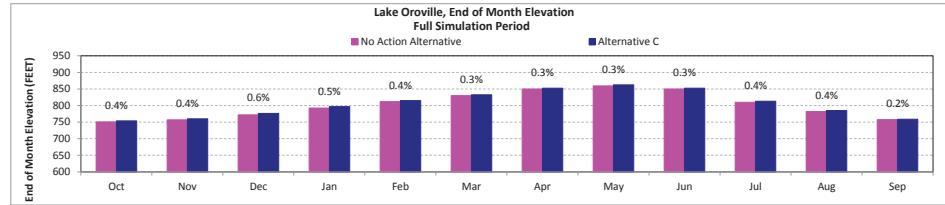


Figure SW-19-7b
Lake Oroville, End of Month Elevation
Probability of Exceedance

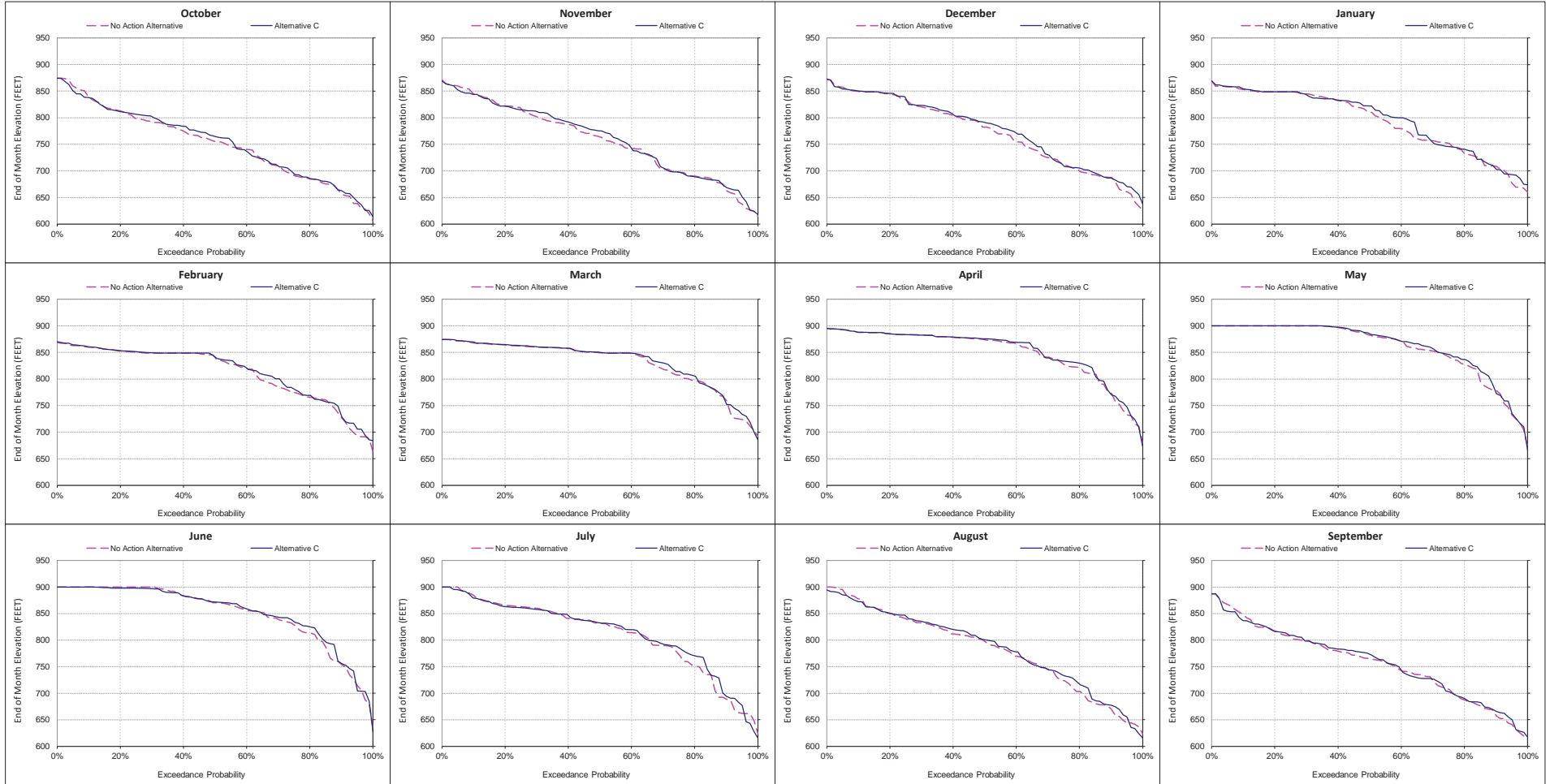


Table SW-19-7b
Lake Oroville, End of Month Elevation
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	874	874	0	0.0%	
1.2%	874	874	0	0.0%	
2.5%	873	868	-5	-0.6%	
3.7%	870	862	-8	-0.9%	
4.9%	860	851	-9	-1.0%	
6.2%	845	845	0	0.0%	
7.4%	852	845	-7	-0.8%	
8.6%	850	839	-12	-1.4%	
9.9%	840	838	-2	-0.2%	
11.1%	834	836	2	0.3%	
12.3%	830	832	1	0.2%	
13.6%	838	825	-3	-0.4%	
14.8%	821	821	0	0.0%	
16.0%	818	816	-2	-0.3%	
17.3%	816	815	-1	-0.1%	
18.5%	815	813	-1	-0.2%	
19.8%	813	812	-1	-0.1%	
21.0%	811	810	-1	-0.1%	
22.2%	806	809	3	0.4%	
23.5%	805	808	3	0.4%	
24.7%	799	807	8	1.0%	
25.9%	797	811	9	1.1%	
27.2%	797	805	8	1.0%	
28.4%	794	804	10	1.2%	
29.6%	793	803	10	1.3%	
30.9%	791	799	8	1.0%	
32.1%	791	796	5	0.7%	
33.3%	790	792	2	0.3%	
34.6%	785	788	3	0.4%	
35.8%	783	786	3	0.4%	
37.0%	783	786	3	0.3%	
38.3%	778	786	7	1.0%	
39.5%	777	784	7	1.0%	
40.7%	772	784	11	1.5%	
42.0%	768	777	9	1.2%	
43.2%	767	777	8	1.0%	
44.4%	767	774	8	1.0%	
45.7%	763	772	9	1.2%	
46.9%	762	772	10	1.3%	
48.1%	759	767	8	1.1%	
49.4%	759	766	9	1.3%	
50.6%	755	764	9	1.2%	
51.9%	754	762	8	1.1%	
53.1%	751	762	11	1.4%	
54.3%	748	761	13	1.7%	
55.6%	744	754	9	1.3%	
56.8%	744	742	-2	-0.3%	
58.0%	743	740	-3	-0.4%	
59.3%	740	740	0	0.0%	
60.5%	740	735	-6	-0.7%	
61.7%	739	729	-11	-1.5%	
63.0%	729	726	-4	-0.5%	
64.2%	725	723	-1	-0.2%	
65.4%	718	723	4	0.6%	
66.7%	716	719	2	0.3%	
67.9%	711	713	2	0.2%	
69.1%	710	713	2	0.3%	
70.4%	709	707	-1	-0.2%	
71.6%	701	707	6	0.8%	
72.8%	697	705	8	1.1%	
74.1%	695	700	5	0.7%	
75.3%	690	693	2	0.3%	
76.5%	689	693	3	0.5%	
77.8%	687	689	2	0.2%	
79.0%	686	688	2	0.3%	
80.2%	684	685	1	0.1%	
81.5%	684	685	1	0.1%	
82.7%	681	683	2	0.2%	
84.0%	677	681	4	0.5%	
85.2%	675	680	5	0.8%	
86.4%	678	679	3	0.5%	
87.7%	672	682	6	0.9%	
88.9%	664	665	0	0.0%	
90.1%	656	663	7	1.1%	
91.4%	653	658	4	0.7%	
92.6%	652	657	5	0.7%	
93.8%	639	650	11	1.8%	
95.1%	639	642	3	0.5%	
96.3%	629	636	7	1.2%	
97.5%	628	626	-2	-0.4%	
98.8%	619	624	6	1.0%	
100.0%	605	614	8	1.4%	

November					
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	869	869	-2	-0.2%	
1.2%	864	864	0	0.0%	
2.5%	862	862	0	0.0%	
3.7%	861	860	-1	-0.1%	
4.9%	860	853	-7	-0.8%	
6.2%	847	849	2	0.2%	
7.4%	852	846	-10	-1.1%	
8.6%	854	846	-7	-0.9%	
9.9%	845	844	-1	-0.1%	
11.1%	841	844	2	0.3%	
12.3%	841	839	-1	-0.2%	
13.6%	838	836	-2	-0.2%	
14.8%	838	836	-2	-0.2%	
16.0%	833	827	-6	-0.7%	
17.3%	827	824	-2	-0.3%	
18.5%	824	822	-2	-0.3%	
19.8%	822	822	-1	-0.1%	
21.0%	822	821	-1	-0.1%	
22.2%	821	818	-3	-0.3%	
23.5%	820	816	-3	-0.4%	
24.7%	819	815	-4	-0.5%	
25.9%	811	806	-3	0.4%	
27.2%	810	813	4	0.5%	
28.4%	805	813	8	1.0%	
29.6%	803	813	10	1.2%	
30.9%	800	810	10	1.3%	
32.1%	797	810	13	1.6%	
33.3%	794	808	14	1.7%	
34.6%	793	803	10	1.2%	
35.8%	791	798	7	0.9%	
37.0%	790	797	7	0.9%	
38.3%	789	794	5	0.7%	
39.5%	787	793	5	0.6%	
40.7%	787	791	4	0.5%	
42.0%	784	787	3	0.4%	
43.2%	775	786	11	1.4%	
44.4%	773	784	11	1.4%	
45.7%	771	781	10	1.3%	
46.9%	770	778	7	1.0%	
48.1%	767	777	10	1.3%	
49.4%	765	775	10	1.3%	
50.6%	763	775	12	1.6%	
51.9%	757	771	14	1.9%	
53.1%	756	770	14	1.9%	
54.3%	753	763	10	1.3%	
55.6%	750	761	11	1.4%	
56.8%	749	757	8	1.0%	
58.0%	743	753	10	1.4%	
59.3%	742	748	6	0.8%	
60.5%	742	738	-4	-0.6%	
61.7%	741	737	-4	-0.6%	
63.0%	734	734	-8	-1.0%	
64.2%	732	732	0	0.0%	
65.4%	728	731	2	0.3%	
66.7%	728	726	-1	-0.2%	
67.9%	713	723	11	1.5%	
69.1%	704	708	4	0.6%	
70.4%	703	704	1	0.2%	
71.6%	703	700	-3	-0.4%	
72.8%	699	698	0	-0.1%	
74.1%	699	698	-1	-0.1%	
75.3%	697	697	0	0.1%	
76.5%	697	694	-3	-0.4%	
77.8%	691	690	-1	-0.1%	
79.0%	691	690	-1	-0.1%	
80.2%	689	689	-1	-0.1%	
81.5%	688	687	-1	-0.2%	
82.7%	688	686	-2	-0.3%	
84.0%	687	684	-3	-0.5%	
85.2%	686	683	-2	-0.3%	
86.4%	679	683	4	0.5%	
87.7%	688	682	4	0.6%	
88.9%	688	674	-1	-0.2%	
90.1%	662	668	6	0.9%	
91.4%	659	666	7	1.1%	
92.6%	657	664	7	1.1%	
93.8%	642	664	22	3.5%	
95.1%	637	651	13	2.1%	
96.3%	629	642	13	2.1%	
97.5%	626	626	0	0.0%	
98.8%	624	634	0	0.0%	
100.0%	615	618	4	0.6%	

December					
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	873	873	0	0.0%	
1.2%	871	871	0	0.0%	
2.5%	861	858	-3	-0.3%	
3.7%	858	858	-1	-0.1%	
4.9%	858	854	-3	-0.4%	
6.2%	854	853	-1	-0.1%	
7.4%	852	852	0	0.1%	
8.6%	850	852	2	0.2%	
9.9%	850	850	0	0.0%	
11.1%	849	850	1	0.1%	
12.3%	849	849	0	0.0%	
13.6%	849	849	0	0.0%	
14.8%	849	849	0	0.0%	
16.0%	849	849	0	0.0%	
17.3%	847	847	-1	-0.1%	
18.5%	845	846	1	0.1%	
19.8%	845	846	1	0.1%	
21.0%	843	846	2	0.3%	
22.2%	843	840	-2	-0.3%	
23.5%	836	840	4	0.5%	
24.7%	835	839	5	0.5%	
25.9%	830	825	-5	-0.6%	
27.2%	823	825	2	0.3%	
28.4%	822	824	1	0.2%	
29.6%	821	823	3	0.3%	
30.9%	819	823	4	0.4%	
32.1%	816	821	4	0.5%	
33.3%	815	820	5	0.6%	
34.6%	814	818	4	0.5%	
35.8%	812	815	3	0.4%	
37.0%	808	813	5	0.5%	
38.3%	807	812	4	0.5%	
39.5%	805	808	3	0.4%	
40.7%	802	803	1	0.1%	
42.0%	801	803	2	0.2%	
43.2%	802	802	0	0.0%	
44.4%	796	801	5	0.7%	
45.7%	795	797	2	0.3%	
46.9%	795	796	1	0.1%	
48.1%	792	793	1	0.2%	
49.4%	792	792	0	0.0%	
50.6%	782	790	8	1.0%	
51.9%	780	789	9	1.1%	
53.1%	775	787	12	1.6%	
54.3%	770	784	15	1.9%	
55.6%	769	780	10	1.4%	
56.8%	769	779	10	1.3%	
58.0%	767	776	10	1.3%	
59.3%	756	774	18	2.4%	
60.5%	754	769	15	2.0%	
61.7%	754	769	15	2.0%	
63.0%	744	762	18	2.5%	
64.2%	743	757	14	1.9%	
65.4%	740	752	12	1.6%	
66.7%	738	748	8	1.1%	
67.9%	729	745	16	2.2%	
69.1%	726	732	4	0.6%	
70.4%	725	730	5	0.7%	
71.6%	723	722	-1	-0.2%	
72.8%	721	717	-4	-0.5%	
74.1%	715	715	0	0.0%	
75.3%	711	708	-3	-0.5%	
76.5%	709	708	-1	-0.1%	
77.8%	705	706	1	0.1%	
79.0%	705	706	1	0.1%	
80.2%	698	705	7	1.0%	
81.5%	697	702	5	0.8%	
82.7%	696	702	6	0.8%	
84.0%	693	698	6	0.8%	
85.2%	693	695	3	0.4%	
86.4%	690	692	2	0.3%	
87.7%	688	688	0	0.4%	
88.9%	688	686	-2	-0.2%	
90.1%	687	686	-1	-0.2%	
91.4%	679	683	4	0.5%	
92.6%	679	686	7	1.0%	
93.8%	661	677	16	2.4%	
95.1%	661	670	10	1.5%	
96.3%	656	669	13	2.0%	
97.5%	641	662	21	3.2%	
98.8%	633	658	23	3.6%	
100.0%	627	638	12	1.9%	

January					
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Table SW-19-7b
Lake Oroville, End of Month Elevation
Probability of Exceedance

February					
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	869	870	2	0.2%	
1.2%	867	869	1	0.2%	
2.5%	867	867	0	0.0%	
3.7%	864	867	3	0.4%	
4.9%	863	864	1	0.2%	
6.2%	864	864	1	0.2%	
7.4%	862	863	1	0.1%	
8.6%	861	862	2	0.2%	
9.9%	860	861	1	0.1%	
11.1%	860	860	0	0.0%	
12.3%	859	859	1	0.1%	
13.6%	858	858	0	0.0%	
14.8%	856	857	1	0.1%	
16.0%	856	856	0	0.0%	
17.3%	855	855	0	0.0%	
18.5%	853	854	1	0.1%	
19.8%	853	853	1	0.1%	
21.0%	852	853	1	0.1%	
22.2%	852	853	1	0.1%	
23.5%	851	852	1	0.2%	
24.7%	850	852	1	0.2%	
25.9%	850	850	0	0.1%	
27.2%	849	850	1	0.1%	
28.4%	849	850	1	0.1%	
29.6%	849	849	1	0.1%	
30.9%	849	849	0	0.0%	
32.1%	849	849	0	0.0%	
33.3%	849	849	0	0.0%	
34.6%	849	849	0	0.0%	
35.8%	849	849	0	0.0%	
37.0%	849	849	0	0.0%	
38.3%	849	849	0	0.0%	
39.5%	849	849	0	0.0%	
40.7%	849	849	0	0.0%	
42.0%	849	849	0	0.0%	
43.2%	849	849	0	0.0%	
44.4%	849	849	0	0.0%	
45.7%	847	849	2	0.2%	
46.9%	846	849	2	0.3%	
48.1%	846	849	3	0.3%	
49.4%	845	844	-2	-0.2%	
50.6%	836	838	3	0.3%	
51.9%	835	837	2	0.2%	
53.1%	833	835	3	0.3%	
54.3%	829	835	6	0.8%	
55.6%	828	834	6	0.8%	
56.8%	829	827	1	0.1%	
58.0%	822	825	3	0.3%	
59.3%	822	824	1	0.2%	
60.5%	818	818	-1	-0.1%	
61.7%	818	816	-2	-0.3%	
63.0%	807	815	8	1.0%	
64.2%	799	810	11	1.4%	
65.4%	796	808	12	1.5%	
66.7%	793	807	14	1.7%	
67.9%	792	805	14	1.7%	
69.1%	787	801	13	1.7%	
70.4%	784	800	16	2.1%	
71.6%	782	791	9	1.1%	
72.8%	779	784	5	0.6%	
74.1%	775	784	9	1.1%	
75.3%	774	780	6	0.7%	
76.5%	772	776	4	0.5%	
77.8%	769	770	1	0.1%	
79.0%	766	769	3	0.4%	
80.2%	765	769	4	0.5%	
81.5%	764	762	-3	-0.3%	
82.7%	763	761	-2	-0.3%	
84.0%	762	759	-2	-0.3%	
85.2%	760	757	-4	-0.5%	
86.4%	752	756	4	0.5%	
87.7%	746	754	8	1.1%	
88.9%	736	749	13	1.7%	
90.1%	727	728	2	0.2%	
91.4%	718	719	2	0.2%	
92.6%	706	717	10	1.5%	
93.8%	699	717	17	2.5%	
95.1%	693	705	13	1.8%	
96.3%	692	705	14	2.0%	
97.5%	691	694	3	0.4%	
98.8%	689	685	-2	-0.3%	
100.0%	683	684	21	3.2%	

March					
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	874	874	0	0.0%	
1.2%	874	874	0	0.0%	
2.5%	874	874	0	0.0%	
3.7%	872	874	2	0.2%	
4.9%	872	872	1	0.1%	
6.2%	871	872	1	0.1%	
7.4%	870	871	1	0.1%	
8.6%	870	870	1	0.1%	
9.9%	868	870	2	0.3%	
11.1%	867	868	0	0.0%	
12.3%	867	867	0	0.0%	
13.6%	867	867	0	0.0%	
14.8%	866	867	1	0.1%	
16.0%	865	866	1	0.1%	
17.3%	865	865	0	0.0%	
18.5%	865	865	0	0.0%	
19.8%	864	865	0	0.0%	
21.0%	863	864	1	0.2%	
22.2%	863	863	0	0.0%	
23.5%	863	863	1	0.1%	
24.7%	862	863	0	0.1%	
25.9%	862	863	1	0.1%	
27.2%	861	862	2	0.2%	
28.4%	861	861	0	0.0%	
29.6%	860	861	1	0.1%	
30.9%	860	860	0	0.0%	
32.1%	859	860	0	0.1%	
33.3%	859	859	0	0.0%	
34.6%	859	859	0	0.0%	
35.8%	859	859	0	0.0%	
37.0%	859	859	1	0.1%	
38.3%	858	858	0	0.0%	
39.5%	858	858	0	0.0%	
40.7%	857	858	1	0.1%	
42.0%	854	854	0	0.0%	
43.2%	853	853	0	0.0%	
44.4%	852	852	0	0.0%	
45.7%	851	851	1	0.1%	
46.9%	851	851	1	0.2%	
48.1%	851	851	0	0.0%	
49.4%	851	851	1	0.1%	
50.6%	849	849	0	0.0%	
51.9%	849	849	0	0.0%	
53.1%	849	849	0	0.0%	
54.3%	849	849	0	0.0%	
55.6%	849	849	0	0.0%	
56.8%	849	849	0	0.0%	
58.0%	849	849	0	0.0%	
59.3%	849	849	0	0.0%	
60.5%	847	849	2	0.2%	
61.7%	845	847	2	0.2%	
63.0%	842	845	3	0.4%	
64.2%	841	842	1	0.1%	
65.4%	831	842	11	1.4%	
66.7%	828	834	6	0.7%	
67.9%	824	833	9	1.1%	
69.1%	821	831	10	1.3%	
70.4%	817	830	12	1.5%	
71.6%	816	827	11	1.3%	
72.8%	811	820	9	1.1%	
74.1%	807	814	7	0.9%	
75.3%	807	814	7	0.9%	
76.5%	801	809	8	1.0%	
77.8%	801	809	8	1.1%	
79.0%	798	807	10	1.2%	
80.2%	796	805	9	1.2%	
81.5%	796	792	-3	-0.4%	
82.7%	794	790	-3	-0.4%	
84.0%	788	787	-1	-0.1%	
85.2%	783	784	0	0.0%	
86.4%	779	780	1	0.2%	
87.7%	769	774	5	0.7%	
88.9%	768	769	2	0.2%	
90.1%	759	752	-7	-0.9%	
91.4%	735	752	17	2.3%	
92.6%	726	745	19	2.6%	
93.8%	725	741	16	2.2%	
95.1%	724	733	10	1.4%	
96.3%	721	730	9	1.3%	
97.5%	711	719	7	1.0%	
98.8%	702	701	-2	-0.2%	
100.0%	693	686	-7	-1.1%	

April					
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	895	895	0	0.0%	
1.2%	894	894	0	0.0%	
2.5%	894	894	0	0.0%	
3.7%	894	894	0	0.0%	
4.9%	893	893	0	0.0%	
6.2%	892	892	0	0.0%	
7.4%	890	890	0	0.0%	
8.6%	890	890	0	0.0%	
9.9%	888	888	0	0.0%	
11.1%	888	888	0	0.0%	
12.3%	888	888	0	0.0%	
13.6%	887	887	0	0.0%	
14.8%	887	887	0	0.0%	
16.0%	887	887	0	0.0%	
17.3%	887	887	0	0.0%	
18.5%	886	886	0	0.0%	
19.8%	885	885	0	0.0%	
21.0%	884	884	0	0.0%	
22.2%	884	884	0	0.0%	
23.5%	884	884	0	0.0%	
24.7%	883	883	0	0.0%	
25.9%	883	883	0	0.0%	
27.2%	883	883	0	0.0%	
28.4%	883	883	0	0.0%	
29.6%	883	883	0	0.0%	
30.9%	882	882	0	0.0%	
32.1%	882	882	0	0.0%	
33.3%	882	882	0	0.0%	
34.6%	880	880	0	0.0%	
35.8%	879	879	0	0.0%	
37.0%	879	879	0	0.0%	
38.3%	879	879	0	0.0%	
39.5%	879	879	0	0.0%	
40.7%	878	879	1	0.1%	
42.0%	877	878	1	0.1%	
43.2%	877	877	0	0.0%	
44.4%	877	877	0	0.0%	
45.7%	876	877	1	0.1%	
46.9%	876	877	1	0.2%	
48.1%	876	876	1	0.1%	
49.4%	875	875	1	0.1%	
50.6%	873	876	3	0.2%	
51.9%	873	875	2	0.3%	
53.1%	872	875	2	0.3%	
54.3%	872	873	2	0.2%	
55.6%	870	873	3	0.4%	
56.8%	869	873	4	0.4%	
58.0%	868	870	2	0.2%	
59.3%	868	869	1	0.2%	
60.5%	865	869	4	0.4%	
61.7%	861	869	8	0.9%	
63.0%	859	868	9	1.1%	
64.2%	856	868	12	1.4%	
65.4%	854	868	14	1.5%	
66.7%	852	857	6	0.7%	
67.9%	841	850	9	1.0%	
69.1%	840	840	-1	-0.1%	
70.4%	841	840	-1	-0.1%	
71.6%	838	836	-2	-0.2%	
72.8%	837	836	-2	-0.2%	
74.1%	831	834	3	0.4%	
75.3%	826	833	7	0.8%	
76.5%	824	832	8	1.0%	
77.8%	823	832	9	1.1%	
79.0%	822	831	9	1.1%	
80.2%	822	829	7	0.9%	
81.5%	812	828	15	1.9%	
82.7%	811	825	14	1.7%	
84.0%	809	821	12	1.5%	
85.2%	809	804	-5	-0.6%	
86.4%	791	797	7	0.9%	
87.7%	793	796	3	0.4%	
88.9%	776	779	3	0.4%	
90.1%	773	770	-3	-0.4%	
91.4%	757	768	10	1.4%	
92.6%	759	752	-7	-0.9%	
93.8%	741	756	15	2.0%	
95.1%	732	747	15	2.0%	
96.3%	731	730	0	0.0%	
97.5%	715	724	8	1.2%	
98.8%	711	709	-1	-0.2%	
100.0%	679	673	-6	-0.9%	

May					
Percent Exceedance Probability (%)					

Table SW-19-7b
Lake Oroville, End of Month Elevation
Probability of Exceedance

June					
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	900	900	0	0.0%	
1.2%	900	900	0	0.0%	
2.5%	900	900	0	0.0%	
3.7%	900	900	0	-0.5%	
4.9%	900	900	0	0.0%	
6.2%	900	900	0	0.0%	
7.4%	900	900	0	0.0%	
8.6%	900	900	0	0.0%	
9.9%	900	900	0	0.0%	
11.1%	900	900	0	0.0%	
12.3%	900	900	0	0.0%	
13.6%	900	900	0	0.0%	
14.8%	900	899	-1	-0.1%	
16.0%	900	899	-1	-0.1%	
17.3%	900	898	-2	-0.2%	
18.5%	900	898	-2	-0.2%	
19.8%	900	898	-2	-0.2%	
21.0%	900	898	-2	-0.2%	
22.2%	900	898	-2	-0.2%	
23.5%	900	898	-2	-0.2%	
24.7%	900	898	-2	-0.2%	
25.9%	900	898	-2	-0.2%	
27.2%	900	898	-2	-0.2%	
28.4%	900	897	-3	-0.3%	
29.6%	900	897	-3	-0.3%	
30.9%	900	896	-4	-0.4%	
32.1%	897	896	-1	-0.1%	
33.3%	896	892	-4	-0.5%	
34.6%	895	890	-5	-0.5%	
35.8%	892	890	-3	-0.3%	
37.0%	892	890	-3	-0.3%	
38.3%	887	889	2	0.2%	
39.5%	884	884	0	0.0%	
40.7%	882	882	0	0.0%	
42.0%	881	882	1	0.1%	
43.2%	881	879	-1	-0.2%	
44.4%	878	878	1	0.1%	
45.7%	878	878	1	0.1%	
46.9%	876	875	-1	-0.2%	
48.1%	875	873	-2	-0.2%	
49.4%	871	872	1	0.2%	
50.6%	870	871	1	0.2%	
51.9%	870	871	1	0.1%	
53.1%	869	871	2	0.2%	
54.3%	867	870	3	0.3%	
55.6%	865	869	4	0.4%	
56.8%	863	869	6	0.7%	
58.0%	860	863	4	0.4%	
59.3%	858	861	2	0.3%	
60.5%	855	858	3	0.3%	
61.7%	855	855	0	0.0%	
63.0%	854	855	0	0.0%	
64.2%	853	853	0	0.0%	
65.4%	851	848	-3	-0.4%	
66.7%	843	847	4	0.5%	
67.9%	842	846	4	0.5%	
69.1%	841	844	3	0.3%	
70.4%	838	843	4	0.5%	
71.6%	836	842	7	0.8%	
72.8%	834	842	8	0.9%	
74.1%	832	839	7	0.8%	
75.3%	828	833	6	0.7%	
76.5%	820	832	12	1.4%	
77.8%	815	827	12	1.4%	
79.0%	814	827	13	1.6%	
80.2%	813	824	11	1.4%	
81.5%	811	823	12	1.5%	
82.7%	798	812	14	1.7%	
84.0%	797	803	5	0.7%	
85.2%	785	796	11	1.4%	
86.4%	766	793	27	3.6%	
87.7%	761	792	31	4.1%	
88.9%	760	760	1	0.1%	
90.1%	753	756	2	0.3%	
91.4%	749	752	3	0.5%	
92.6%	734	746	12	1.7%	
93.8%	726	742	16	2.2%	
95.1%	714	704	-9	-1.3%	
96.3%	706	704	-2	-0.3%	
97.5%	687	703	16	2.3%	
98.8%	681	695	4	0.6%	
100.0%	635	627	-8	-1.3%	

July					
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	900	900	0	0.0%	
1.2%	900	900	0	0.0%	
2.5%	900	900	0	0.0%	
3.7%	900	896	-4	-0.5%	
4.9%	900	895	-5	-0.6%	
6.2%	894	893	-1	-0.1%	
7.4%	890	892	2	0.3%	
8.6%	889	887	-2	-0.2%	
9.9%	885	879	-6	-0.7%	
11.1%	878	879	0	0.0%	
12.3%	877	876	-1	-0.1%	
13.6%	875	874	-1	-0.1%	
14.8%	872	873	1	0.1%	
16.0%	871	869	-2	-0.2%	
17.3%	870	868	-2	-0.2%	
18.5%	867	865	-3	-0.3%	
19.8%	865	863	-2	-0.3%	
21.0%	865	863	-2	-0.3%	
22.2%	865	862	-3	-0.3%	
23.5%	864	862	-2	-0.2%	
24.7%	863	862	-2	-0.2%	
25.9%	863	861	-2	-0.2%	
27.2%	862	860	-2	-0.2%	
28.4%	861	859	-2	-0.2%	
29.6%	860	858	-3	-0.3%	
30.9%	859	857	-3	-0.2%	
32.1%	856	856	0	0.0%	
33.3%	856	855	-1	-0.1%	
34.6%	854	850	-3	-0.4%	
35.8%	851	849	-2	-0.2%	
37.0%	850	849	-1	-0.1%	
38.3%	848	849	3	0.3%	
39.5%	841	849	7	0.9%	
40.7%	840	842	2	0.3%	
42.0%	839	840	1	0.1%	
43.2%	839	840	1	0.1%	
44.4%	838	837	-1	-0.1%	
45.7%	838	837	-2	-0.2%	
46.9%	837	836	-2	-0.2%	
48.1%	833	835	2	0.2%	
49.4%	832	833	1	0.1%	
50.6%	831	832	0	0.1%	
51.9%	831	832	1	0.1%	
53.1%	827	831	4	0.5%	
54.3%	826	830	4	0.5%	
55.6%	823	828	5	0.6%	
56.8%	822	826	4	0.5%	
58.0%	815	820	5	0.7%	
59.3%	814	820	5	0.7%	
60.5%	814	819	6	0.7%	
61.7%	813	818	5	0.6%	
63.0%	811	810	-1	-0.2%	
64.2%	807	803	-4	-0.6%	
65.4%	803	800	-3	-0.3%	
66.7%	791	799	8	1.0%	
67.9%	790	798	7	0.9%	
69.1%	790	794	4	0.5%	
70.4%	790	792	2	0.3%	
71.6%	789	791	2	0.2%	
72.8%	787	789	3	0.4%	
74.1%	779	789	10	1.3%	
75.3%	771	785	14	1.8%	
76.5%	760	779	19	2.5%	
77.8%	760	775	16	2.1%	
79.0%	754	772	18	2.4%	
80.2%	751	771	20	2.6%	
81.5%	750	769	19	2.5%	
82.7%	738	768	29	4.0%	
84.0%	735	745	11	1.4%	
85.2%	735	734	-1	-0.1%	
86.4%	704	732	28	4.0%	
87.7%	693	729	36	5.2%	
88.9%	692	700	8	1.2%	
90.1%	689	694	5	0.8%	
91.4%	687	691	4	0.6%	
92.6%	668	691	22	3.3%	
93.8%	664	683	20	3.0%	
95.1%	662	677	15	2.2%	
96.3%	662	647	-15	-2.3%	
97.5%	661	643	-18	-2.7%	
98.8%	649	628	-20	-3.1%	
100.0%	624	616	-8	-1.3%	

August					
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	894	894	0	0.0%	
1.2%	892	892	-8	-0.8%	
2.5%	899	891	-8	-0.9%	
3.7%	896	890	-7	-0.7%	
4.9%	895	885	-10	-1.1%	
6.2%	895	884	-11	-1.2%	
7.4%	885	879	-5	-0.6%	
8.6%	883	875	-7	-0.8%	
9.9%	878	873	-5	-0.6%	
11.1%	877	872	-5	-0.6%	
12.3%	864	863	-1	-0.1%	
13.6%	863	862	-1	-0.1%	
14.8%	862	862	-1	-0.1%	
16.0%	859	858	0	0.0%	
17.3%	857	854	-3	-0.4%	
18.5%	852	853	1	0.1%	
19.8%	850	851	1	0.1%	
21.0%	849	849	0	0.0%	
22.2%	844	815	4	0.5%	
23.5%	843	847	4	0.4%	
24.7%	841	847	6	0.7%	
25.9%	837	840	3	0.4%	
27.2%	837	839	2	0.2%	
28.4%	833	836	4	0.4%	
29.6%	833	836	3	0.4%	
30.9%	832	834	2	0.2%	
32.1%	830	833	3	0.3%	
33.3%	829	830	1	0.2%	
34.6%	825	829	4	0.3%	
35.8%	823	826	3	0.4%	
37.0%	819	825	6	0.7%	
38.3%	818	823	5	0.6%	
39.5%	812	821	9	1.1%	
40.7%	811	819	8	0.9%	
42.0%	810	818	8	1.0%	
43.2%	808	818	10	1.2%	
44.4%	808	815	7	0.8%	
45.7%	806	809	3	0.4%	
46.9%	805	809	4	0.5%	
48.1%	803	804	1	0.2%	
49.4%	800	801	1	0.1%	
50.6%	795	800	5	0.7%	
51.9%	791	799	8	1.0%	
53.1%	790	797	8	1.0%	
54.3%	786	788	2	0.3%	
55.6%	785	788	2	0.3%	
56.8%	782	787	5	0.7%	
58.0%	778	781	4	0.5%	
59.3%	770	778	8	1.0%	
60.5%	769	778	9	1.1%	
61.7%	767	767	-1	-0.1%	
63.0%	765	763	-2	-0.3%	
64.2%	760	757	-3	-0.3%	
65.4%	756	754	-2	-0.3%	
66.7%	755	752	-3	-0.4%	
67.9%	750	748	-1	-0.2%	
69.1%	747	748	0	0.0%	
70.4%	743	744	0	0.1%	
71.6%	741	722	2	0.2%	
72.8%	730	740	11	1.5%	
74.1%	725	736	11	1.5%	
75.3%	723	733	9	1.3%	
76.5%	718	731	13	1.8%	
77.8%	711	729	18	2.6%	
79.0%	703	722	19	2.7%	
80.2%	703	716	13	1.8%	
81.5%	696	713	17	2.4%	
82.7%	686	710	23	3.4%	
84.0%	683	689	6	0.9%	
85.2%	680	686	6	0.9%	
86.4%	678	685	6	0.9%	
87.7%	678	680	2	0.3%	
88.9%	676	678	2	0.3%	
90.1%	670	678	8	1.3%	
91.4%	658	674	17	2.6%	
92.6%	656	669	13	2.0%	
93.8%	649	659	10	1.6%	
95.1%	644	656	12	1.8%	
96.3%	644	636	-8	-1.2%	
97.5%	641	633	-8	-1.2%	
98.8%	624	624	-13	-2.0%	
100.0%	624	616	-8	-1.3%	

September					
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Table SW-20-7a
Lake Oroville, End of Month Area
Long-term Average and Average by Water Year Type

Analysis Period	End of Month Area (ACRE)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	9,534	9,758	10,296	11,062	11,830	12,579	13,507	13,966	13,553	11,845	10,745	9,776
Alternative C	9,621	9,850	10,460	11,222	11,954	12,684	13,619	14,092	13,653	11,955	10,847	9,811
Difference	88	93	164	160	124	105	112	126	100	110	103	35
Percent Difference ³	0.9%	1.0%	1.6%	1.4%	1.1%	0.8%	0.8%	0.9%	0.7%	0.9%	1.0%	0.4%
Water Year Types²												
Wet (32%)												
No Action Alternative	11,847	12,023	12,241	12,918	13,543	13,827	15,023	15,703	15,620	14,426	13,760	12,187
Alternative C	11,859	12,056	12,396	12,960	13,545	13,827	15,023	15,703	15,577	14,381	13,721	12,132
Difference	12	34	156	42	2	0	0	0	-43	-45	-39	-55
Percent Difference	0.1%	0.3%	1.3%	0.3%	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.3%	-0.3%	-0.5%
Above Normal (15%)												
No Action Alternative	10,387	10,592	10,976	11,576	12,691	13,776	14,982	15,670	15,320	13,416	12,098	10,669
Alternative C	10,371	10,574	11,125	11,720	12,777	13,794	15,001	15,670	15,228	13,325	12,093	10,601
Difference	-16	-18	149	144	86	18	18	0	-92	-90	-5	-68
Percent Difference	-0.2%	-0.2%	1.4%	1.2%	0.7%	0.1%	0.1%	0.0%	-0.6%	-0.7%	0.0%	-0.6%
Below Normal (17%)												
No Action Alternative	10,028	10,289	11,051	10,718	11,676	12,599	13,908	14,647	14,284	12,301	10,833	10,199
Alternative C	10,160	10,429	11,082	11,015	11,851	12,746	14,054	14,797	14,351	12,373	10,986	10,280
Difference	133	140	31	297	175	146	147	150	67	72	153	81
Percent Difference	1.3%	1.4%	0.3%	2.8%	1.5%	1.2%	1.1%	1.0%	0.5%	0.6%	1.4%	0.8%
Dry (22%)												
No Action Alternative	7,519	7,867	8,819	9,887	10,746	11,899	12,575	12,726	11,976	9,862	8,266	7,749
Alternative C	7,657	7,989	9,051	10,063	10,923	12,100	12,781	12,999	12,298	10,224	8,475	7,765
Difference	138	121	233	175	177	201	206	273	322	361	209	16
Percent Difference	1.8%	1.5%	2.6%	1.8%	1.6%	1.7%	1.6%	2.1%	2.7%	3.7%	2.5%	0.2%
Critical (15%)												
No Action Alternative	6,116	6,230	6,735	8,691	9,061	9,676	9,678	9,567	8,823	7,124	6,474	6,205
Alternative C	6,342	6,464	6,984	8,942	9,351	9,899	9,946	9,840	9,129	7,437	6,774	6,512
Difference	227	234	249	251	290	223	269	274	306	313	300	307
Percent Difference	3.7%	3.8%	3.7%	2.9%	3.2%	2.3%	2.8%	2.9%	3.5%	4.4%	4.6%	5.0%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

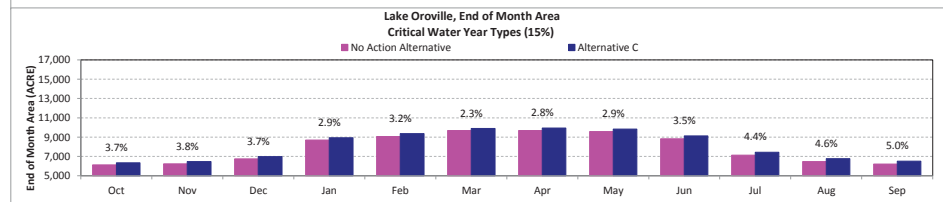
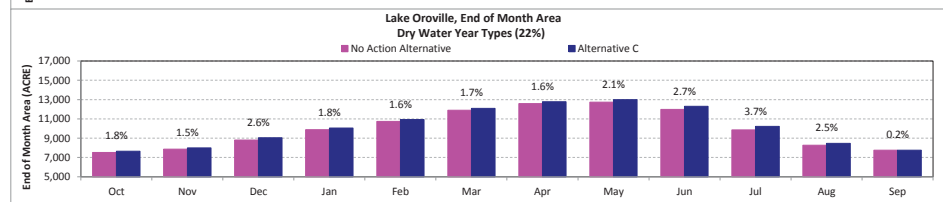
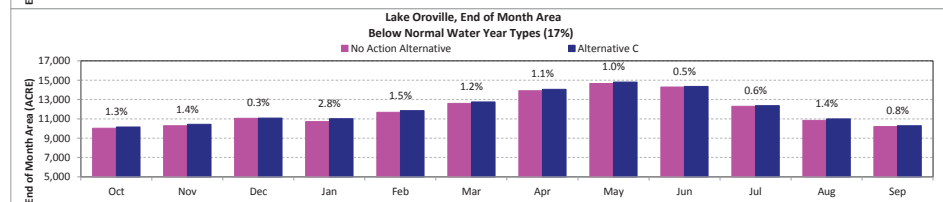
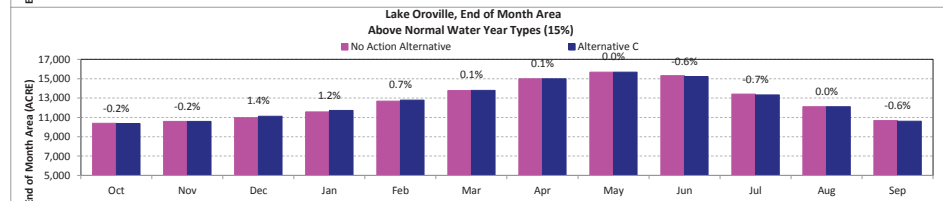
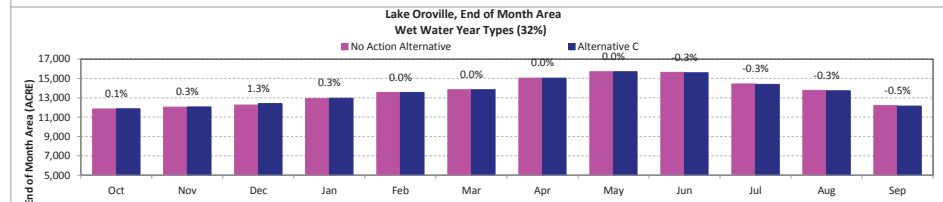
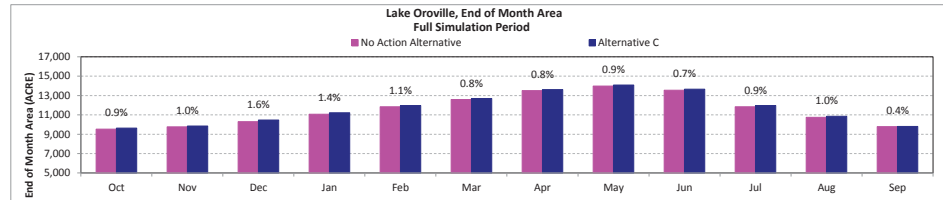


Figure SW-20-7b
Lake Oroville, End of Month Area
Probability of Exceedance

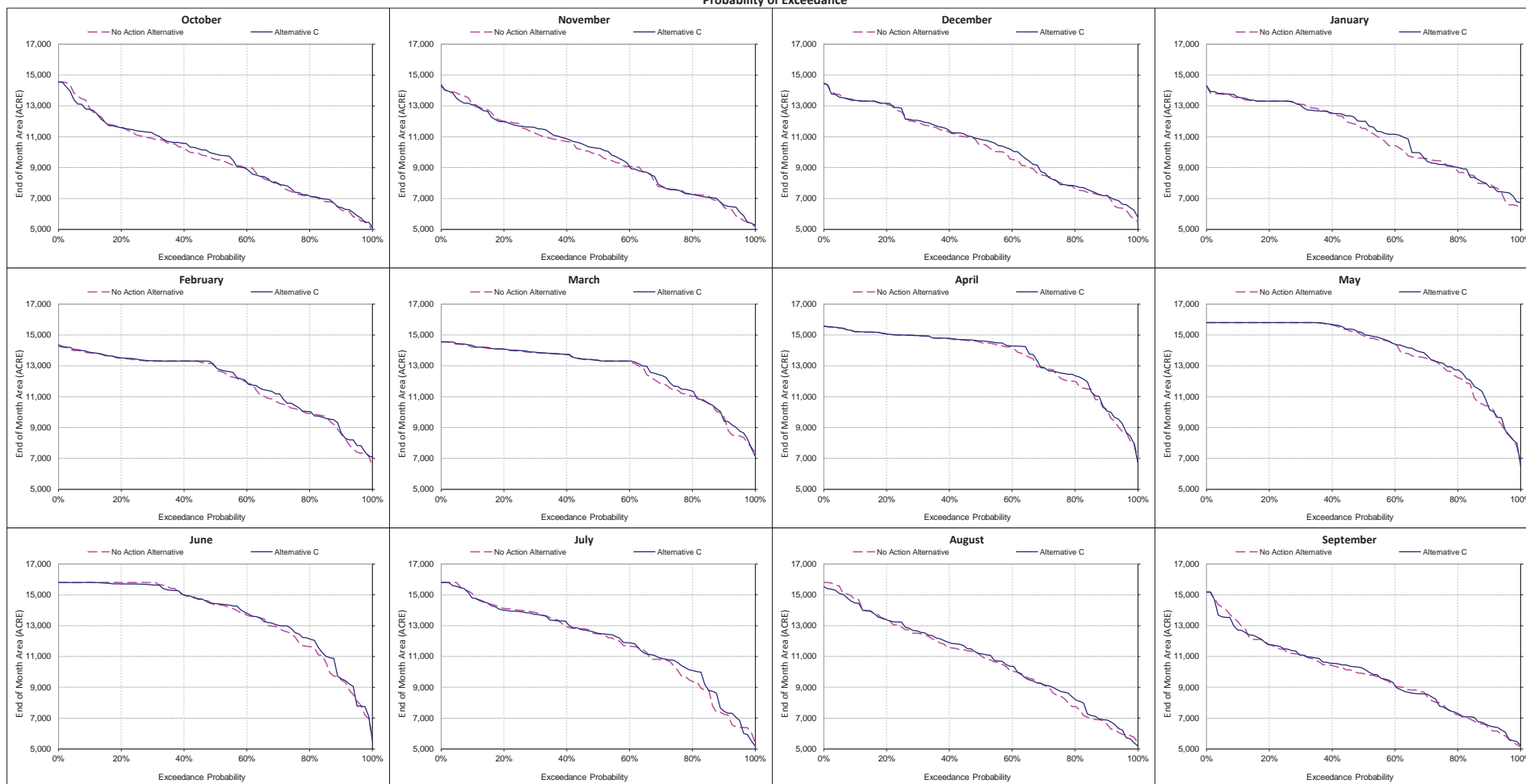


Table SW-20-7b
Lake Oroville, End of Month Area
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative End of Month Area (ACRE)	Alternative C End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	14,554	14,554	0	0.0%
1.2%	14,554	14,554	0	0.0%
2.5%	14,507	14,253	-254	-1.8%
3.7%	14,358	13,967	-391	-2.7%
4.9%	13,847	13,411	-436	-3.1%
6.2%	13,217	12,821	-396	-3.0%
7.4%	13,463	13,115	-348	-2.6%
8.6%	13,388	12,813	-575	-4.3%
9.9%	12,870	12,781	-89	-0.7%
11.1%	12,581	12,700	119	0.9%
12.3%	12,397	12,464	67	0.5%
13.6%	12,301	12,153	-148	-1.2%
14.8%	11,951	11,951	0	0.0%
16.0%	11,814	11,725	-89	-0.8%
17.3%	11,756	11,714	-42	-0.4%
18.5%	11,696	11,645	-52	-0.4%
19.8%	11,633	11,601	-32	-0.3%
21.0%	11,565	11,526	-39	-0.3%
22.2%	11,495	11,498	104	0.9%
23.5%	11,446	11,465	120	1.1%
24.7%	11,123	11,402	279	2.5%
25.9%	11,060	11,371	311	2.8%
27.2%	11,034	11,328	294	2.7%
28.4%	10,943	11,301	357	3.3%
29.6%	10,918	11,279	361	3.3%
30.9%	10,834	11,151	289	2.7%
32.1%	10,832	11,025	194	1.8%
33.3%	10,782	10,855	74	0.7%
34.6%	10,604	10,709	105	1.0%
35.8%	10,545	10,668	123	1.2%
37.0%	10,537	10,624	87	0.9%
38.3%	10,360	10,632	273	2.6%
39.5%	10,309	10,581	272	2.6%
40.7%	10,149	10,560	411	4.0%
42.0%	9,989	10,323	334	3.3%
43.2%	9,857	10,316	359	3.6%
44.4%	9,950	10,230	280	2.8%
45.7%	9,808	10,152	344	3.5%
46.9%	9,777	10,145	367	3.8%
48.1%	9,675	9,975	300	3.1%
49.4%	9,566	9,911	345	3.6%
50.6%	9,505	9,846	341	3.6%
51.9%	9,501	9,790	289	3.0%
53.1%	9,392	9,776	384	4.1%
54.3%	9,278	9,748	467	5.0%
55.6%	9,149	9,476	327	3.6%
56.8%	9,131	9,057	-74	-0.8%
58.0%	9,105	9,015	-90	-1.0%
59.3%	9,006	8,994	-12	-0.1%
60.5%	9,003	8,815	-188	-2.1%
61.7%	8,976	8,589	-387	-4.3%
63.0%	8,642	8,521	-121	-1.4%
64.2%	8,484	8,433	-51	-0.6%
65.4%	8,267	8,415	148	1.8%
66.7%	8,196	8,291	85	1.0%
67.9%	8,022	8,074	53	0.7%
69.1%	7,995	8,068	73	0.9%
70.4%	7,931	7,890	-41	-0.5%
71.6%	7,682	7,873	191	2.5%
72.8%	7,552	7,821	269	3.6%
74.1%	7,455	7,624	169	2.3%
75.3%	7,309	7,390	81	1.1%
76.5%	7,269	7,385	116	1.6%
77.8%	7,197	7,251	54	0.7%
79.0%	7,173	7,242	69	1.0%
80.2%	7,111	7,131	20	0.3%
81.5%	7,091	7,114	23	0.3%
82.7%	7,008	7,063	55	0.8%
84.0%	6,860	6,986	126	1.8%
85.2%	6,788	6,967	179	2.6%
86.4%	6,786	6,905	119	1.7%
87.7%	6,696	6,710	14	0.2%
88.9%	6,460	6,463	3	0.1%
90.1%	6,233	6,415	182	2.9%
91.4%	6,179	6,290	111	1.8%
92.6%	6,151	6,272	121	2.0%
93.8%	5,802	6,094	291	5.0%
95.1%	5,800	5,890	90	1.5%
96.3%	5,534	5,733	199	3.6%
97.5%	5,513	5,447	-67	-1.2%
98.8%	5,278	5,445	168	3.2%
100.0%	4,903	5,125	222	4.5%

November				
Percent Exceedance Probability (%)	No Action Alternative End of Month Area (ACRE)	Alternative C End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	14,407	14,407	-105	-0.7%
1.2%	14,037	14,037	0	0.0%
2.5%	13,947	13,947	0	0.0%
3.7%	13,906	13,844	-62	-0.4%
4.9%	13,844	13,491	-353	-2.5%
6.2%	13,117	13,002	-115	-0.9%
7.4%	13,649	13,184	-465	-3.4%
8.6%	13,542	13,184	-358	-2.6%
9.9%	13,124	13,073	-50	-0.4%
11.1%	12,940	13,062	122	0.9%
12.3%	12,912	12,940	27	0.2%
13.6%	12,301	12,690	389	3.1%
14.8%	12,759	12,664	-95	-0.7%
16.0%	12,547	12,266	-281	-2.2%
17.3%	12,217	12,114	-103	-0.8%
18.5%	12,091	11,985	-106	-0.9%
19.8%	12,020	11,981	-39	-0.3%
21.0%	11,981	11,935	-46	-0.4%
22.2%	11,955	11,832	-123	-1.0%
23.5%	11,879	11,753	-126	-1.1%
24.7%	11,871	11,709	-162	-1.4%
25.9%	11,060	11,688	127	1.1%
27.2%	11,506	11,643	137	1.2%
28.4%	11,353	11,633	279	2.5%
29.6%	11,263	11,620	356	3.2%
30.9%	11,150	11,518	368	3.3%
32.1%	11,052	11,507	455	4.1%
33.3%	10,956	11,454	497	4.5%
34.6%	10,913	11,261	348	3.2%
35.8%	10,838	11,092	254	2.3%
37.0%	10,809	11,053	243	2.3%
38.3%	10,761	10,959	197	1.8%
39.5%	10,704	10,889	185	1.7%
40.7%	10,678	10,818	140	1.3%
42.0%	10,583	10,703	119	1.1%
43.2%	10,237	10,639	402	3.9%
44.4%	10,175	10,576	400	3.9%
45.7%	10,091	10,464	373	3.7%
46.9%	10,078	10,349	270	2.7%
48.1%	9,950	10,319	370	3.7%
49.4%	9,911	10,265	375	3.8%
50.6%	9,808	10,244	435	4.4%
51.9%	9,593	10,116	523	5.4%
53.1%	9,552	10,068	516	5.4%
54.3%	9,448	9,807	359	3.8%
55.6%	9,339	9,732	393	4.2%
56.8%	9,131	9,296	165	1.8%
58.0%	9,106	9,461	355	3.9%
59.3%	9,077	9,285	208	2.3%
60.5%	9,066	8,922	-144	-1.6%
61.7%	9,045	8,906	-139	-1.5%
63.0%	9,041	8,779	-262	-2.9%
64.2%	8,739	8,743	4	0.0%
65.4%	8,630	8,697	67	0.8%
66.7%	8,582	8,539	-43	-0.5%
67.9%	8,065	8,433	369	4.6%
69.1%	7,995	7,919	-76	-0.9%
70.4%	7,741	7,790	49	0.6%
71.6%	7,741	7,645	-96	-1.2%
72.8%	7,592	7,577	-14	-0.2%
74.1%	7,590	7,568	-22	-0.3%
75.3%	7,309	7,551	15	0.2%
76.5%	7,530	7,444	-85	-1.1%
77.8%	7,342	7,313	-29	-0.4%
79.0%	7,319	7,300	-20	-0.3%
80.2%	7,298	7,269	-29	-0.4%
81.5%	7,244	7,201	-43	-0.6%
82.7%	7,222	7,151	-71	-1.0%
84.0%	7,212	7,098	-114	-1.6%
85.2%	7,151	7,071	-80	-1.1%
86.4%	6,927	7,053	126	1.8%
87.7%	6,875	7,018	142	2.1%
88.9%	6,790	6,751	-39	-0.6%
90.1%	6,405	6,558	153	2.4%
91.4%	6,314	6,495	181	2.9%
92.6%	6,272	6,261	-11	-0.2%
93.8%	5,877	6,442	565	9.6%
95.1%	5,764	6,111	347	6.0%
96.3%	5,546	5,893	347	6.3%
97.5%	5,485	5,459	-6	-0.1%
98.8%	5,403	5,400	-4	-0.1%
100.0%	5,153	5,249	96	1.9%

December				
Percent Exceedance Probability (%)	No Action Alternative End of Month Area (ACRE)	Alternative C End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	14,474	14,474	0	0.0%
1.2%	14,367	14,367	0	0.0%
2.5%	13,919	13,777	-142	-1.0%
3.7%	13,777	13,737	-40	-0.3%
4.9%	13,737	13,567	-170	-1.2%
6.2%	13,563	13,563	0	0.0%
7.4%	13,480	13,457	-22	-0.2%
8.6%	13,364	13,440	76	0.6%
9.9%	13,344	13,364	20	0.1%
11.1%	13,304	13,344	40	0.3%
12.3%	13,304	13,304	0	0.0%
13.6%	13,304	13,304	0	0.0%
14.8%	13,304	13,304	0	0.0%
16.0%	13,304	13,304	0	0.0%
17.3%	13,241	13,206	-35	-0.3%
18.5%	13,142	13,178	36	0.3%
19.8%	13,134	13,168	34	0.3%
21.0%	13,035	13,156	121	0.9%
22.2%	13,003	12,898	-104	-0.8%
23.5%	12,701	12,890	190	1.5%
24.7%	12,630	12,851	221	1.7%
25.9%	12,371	12,141	-230	-1.9%
27.2%	12,027	12,138	110	0.9%
28.4%	12,002	12,072	70	0.6%
29.6%	11,941	12,066	124	1.0%
30.9%	11,873	12,027	154	1.3%
32.1%	11,757	11,944	186	1.6%
33.3%	11,717	11,901	184	1.6%
34.6%	11,653	11,806	154	1.3%
35.8%	11,592	11,696	104	0.9%
37.0%	11,455	11,641	186	1.6%
38.3%	11,430	11,591	160	1.4%
39.5%	11,341	11,463	121	1.1%
40.7%	11,221	11,263	43	0.4%
42.0%	11,186	11,253	66	0.6%
43.2%	11,041	11,247	206	1.9%
44.4%	11,009	11,197	189	1.7%
45.7%	10,985	11,065	80	0.7%
46.9%	10,984	11,015	31	0.3%
48.1%	10,859	10,912	53	0.5%
49.4%	10,510	10,861	351	3.3%
50.6%	10,506	10,901	394	3.7%
51.9%	10,438	10,757	319	3.1%
53.1%	10,234	10,683	448	4.4%
54.3%	10,050	10,593	543	5.4%
55.6%	10,042	10,424	382	3.8%
56.8%	10,028	10,395	367	3.7%
58.0%	9,942	10,292	350	3.5%
59.3%	9,564	10,214	650	6.8%
60.5%	9,503	10,039	536	5.6%
61.7%	9,485	10,032	547	5.8%
63.0%	9,135	9,788	653	7.2%
64.2%	9,101	9,586	484	5.3%
65.4%	8,999	9,415	416	4.6%
66.7%	8,923	9,198	275	3.1%
67.9%	8,640	8,901	260	3.0%
69.1%	8,529	8,731	202	2.4%
70.4%	8,479	8,646	167	2.0%
71.6%	8,421	8,376	-45	-0.5%
72.8%	8,357	8,231	-126	-1.5%
74.1%	8,132	8,144	12	0.1%
75.3%	8,018	7,904	-114	-1.4%
76.5%	7,929	7,902	-28	-0.3%
77.8%	7,825	7,851	27	0.3%
79.0%	7,813	7,847	34	0.4%
80.2%	7,571	7,804	232	3.1%
81.5%	7,531	7,714	183	2.4%
82.7%	7,495	7,691	196	2.6%
84.0%	7,392	7,584	193	2.6%
85.2%	7,385	7,483	98	1.3%
86.4%	7,294	7,374	79	1.1%
87.7%	7,243	7,242	-1	

Table SW-20-7b
Lake Oroville, End of Month Area
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative End of Month Area (ACRE)	Alternative C End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	14,271	14,359	89	0.6%
1.2%	14,207	14,271	64	0.4%
2.5%	14,201	14,206	6	0.0%
3.7%	14,041	14,201	160	1.1%
4.9%	14,001	14,065	65	0.5%
6.2%	13,991	14,041	44	0.3%
7.4%	13,967	14,011	33	0.2%
8.6%	13,884	13,967	83	0.6%
9.9%	13,854	13,884	33	0.2%
11.1%	13,847	13,851	3	0.0%
12.3%	13,790	13,827	37	0.3%
13.6%	13,761	13,761	0	0.0%
14.8%	13,660	13,687	27	0.2%
16.0%	13,644	13,644	0	0.0%
17.3%	13,624	13,624	0	0.0%
18.5%	13,531	13,557	26	0.2%
19.8%	13,495	13,531	36	0.3%
21.0%	13,474	13,501	27	0.2%
22.2%	13,451	13,494	44	0.3%
23.5%	13,411	13,474	63	0.5%
24.7%	13,387	13,451	63	0.5%
25.9%	13,364	13,387	23	0.2%
27.2%	13,335	13,364	29	0.2%
28.4%	13,304	13,359	55	0.4%
29.6%	13,304	13,338	33	0.3%
30.9%	13,304	13,304	0	0.0%
32.1%	13,304	13,304	0	0.0%
33.3%	13,304	13,304	0	0.0%
34.6%	13,304	13,304	0	0.0%
35.8%	13,304	13,304	0	0.0%
37.0%	13,304	13,304	0	0.0%
38.3%	13,304	13,304	0	0.0%
39.5%	13,304	13,304	0	0.0%
40.7%	13,304	13,304	0	0.0%
42.0%	13,304	13,304	0	0.0%
43.2%	13,304	13,304	0	0.0%
44.4%	13,301	13,304	3	0.0%
45.7%	13,214	13,304	90	0.7%
46.9%	13,185	13,304	119	0.9%
48.1%	13,157	13,301	143	1.1%
49.4%	13,140	13,053	-87	-0.7%
50.6%	12,678	12,801	123	1.0%
51.9%	12,632	12,719	87	0.7%
53.1%	12,517	12,650	133	1.1%
54.3%	12,317	12,627	310	2.5%
55.6%	12,268	12,580	314	2.6%
56.8%	12,195	12,232	36	0.3%
58.0%	12,011	12,149	137	1.1%
59.3%	12,011	12,081	71	0.6%
60.5%	11,831	11,806	-25	-0.2%
61.7%	11,831	11,750	-81	-0.7%
63.0%	11,414	11,716	302	2.6%
64.2%	11,115	11,526	412	3.7%
65.4%	11,026	11,457	431	3.9%
66.7%	10,900	11,397	497	4.6%
67.9%	10,856	11,356	500	4.6%
69.1%	10,692	11,179	487	4.6%
70.4%	10,577	11,174	598	5.6%
71.6%	10,505	10,825	321	3.1%
72.8%	10,411	10,581	170	1.6%
74.1%	10,266	10,577	311	3.0%
75.3%	10,220	10,423	203	2.0%
76.5%	10,143	10,285	142	1.4%
77.8%	10,034	10,063	29	0.3%
79.0%	9,930	10,037	107	1.1%
80.2%	9,898	10,028	129	1.3%
81.5%	9,855	9,763	-92	-0.9%
82.7%	9,820	9,748	-72	-0.7%
84.0%	9,770	9,682	-88	-0.9%
85.2%	9,720	9,586	-134	-1.4%
86.4%	9,406	9,545	140	1.5%
87.7%	9,206	9,500	294	3.2%
88.9%	8,879	9,307	428	4.8%
90.1%	8,548	8,602	54	0.6%
91.4%	8,243	8,301	58	0.7%
92.6%	7,855	8,206	351	4.5%
93.8%	7,612	8,206	594	7.8%
95.1%	7,395	7,826	430	5.8%
96.3%	7,351	7,824	473	6.4%
97.5%	7,342	7,428	86	1.2%
98.8%	7,214	7,143	-71	-1.0%
100.0%	6,412	7,086	683	10.7%

March				
Percent Exceedance Probability (%)	No Action Alternative End of Month Area (ACRE)	Alternative C End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	14,554	14,554	0	0.0%
1.2%	14,554	14,554	0	0.0%
2.5%	14,551	14,554	3	0.0%
3.7%	14,454	14,551	97	0.7%
4.9%	14,421	14,454	33	0.2%
6.2%	14,411	14,421	10	0.1%
7.4%	14,361	14,411	50	0.3%
8.6%	14,331	14,361	30	0.2%
9.9%	14,221	14,331	110	0.8%
11.1%	14,207	14,221	13	0.1%
12.3%	14,204	14,207	3	0.0%
13.6%	14,191	14,204	13	0.1%
14.8%	14,131	14,191	60	0.4%
16.0%	14,104	14,131	27	0.2%
17.3%	14,101	14,104	3	0.0%
18.5%	14,091	14,101	10	0.1%
19.8%	14,071	14,091	20	0.1%
21.0%	14,007	14,071	63	0.5%
22.2%	13,994	14,014	20	0.1%
23.5%	13,977	14,007	30	0.2%
24.7%	13,971	13,994	23	0.2%
25.9%	13,937	13,977	41	0.3%
27.2%	13,891	13,971	80	0.6%
28.4%	13,891	13,891	0	0.0%
29.6%	13,857	13,891	33	0.2%
30.9%	13,847	13,857	10	0.1%
32.1%	13,824	13,847	23	0.2%
33.3%	13,821	13,824	3	0.0%
34.6%	13,801	13,821	20	0.1%
35.8%	13,797	13,801	3	0.0%
37.0%	13,767	13,797	30	0.2%
38.3%	13,751	13,767	17	0.1%
39.5%	13,737	13,751	13	0.1%
40.7%	13,707	13,737	30	0.2%
42.0%	13,544	13,559	15	0.1%
43.2%	13,501	13,501	0	0.0%
44.4%	13,454	13,454	0	0.0%
45.7%	13,401	13,429	29	0.2%
46.9%	13,401	13,428	27	0.2%
48.1%	13,390	13,401	10	0.1%
49.4%	13,359	13,401	42	0.3%
50.6%	13,334	13,334	0	0.0%
51.9%	13,304	13,312	8	0.1%
53.1%	13,304	13,304	0	0.0%
54.3%	13,304	13,304	0	0.0%
55.6%	13,304	13,304	0	0.0%
56.8%	13,304	13,304	0	0.0%
58.0%	13,304	13,304	0	0.0%
59.3%	13,304	13,304	0	0.0%
60.5%	13,207	13,304	97	0.7%
61.7%	13,137	13,240	103	0.8%
63.0%	12,975	13,124	149	1.2%
64.2%	12,943	12,987	44	0.3%
65.4%	12,421	12,976	556	4.5%
66.7%	12,281	12,575	294	2.4%
67.9%	12,102	12,527	425	3.5%
69.1%	11,937	12,438	501	4.2%
70.4%	11,786	12,368	582	4.9%
71.6%	11,760	12,244	485	4.1%
72.8%	11,552	11,804	251	2.1%
74.1%	11,428	11,678	250	2.2%
75.3%	11,414	11,673	259	2.3%
76.5%	11,207	11,490	283	2.5%
77.8%	11,182	11,488	306	2.7%
79.0%	11,073	11,422	349	3.2%
80.2%	11,011	11,353	342	3.1%
81.5%	11,001	10,881	-120	-1.1%
82.7%	10,925	10,809	-115	-1.1%
84.0%	10,734	10,701	-33	-0.3%
85.2%	10,554	10,581	27	0.3%
86.4%	10,392	10,439	47	0.5%
87.7%	10,038	10,229	192	1.9%
88.9%	9,978	10,036	58	0.6%
90.1%	9,857	9,412	-245	-2.5%
91.4%	9,817	9,395	-578	-6.6%
92.6%	9,624	9,221	-403	-4.2%
93.8%	9,491	9,027	-536	-6.3%
95.1%	8,441	8,776	334	4.0%
96.3%	8,347	8,654	307	3.7%
97.5%	8,023	8,273	251	3.1%
98.8%	7,718	7,657	-61	-0.7%
100.0%	6,393	7,146	-248	-3.3%

April				
Percent Exceedance Probability (%)	No Action Alternative End of Month Area (ACRE)	Alternative C End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	15,517	15,517	0	0.0%
1.2%	15,530	15,530	0	0.0%
2.5%	15,517	15,517	0	0.0%
3.7%	15,497	15,497	0	0.0%
4.9%	15,454	15,454	0	0.0%
6.2%	15,434	15,434	0	0.0%
7.4%	15,330	15,330	0	0.0%
8.6%	15,306	15,306	0	0.0%
9.9%	15,218	15,218	0	0.0%
11.1%	15,218	15,217	-1	0.0%
12.3%	15,199	15,199	0	0.0%
13.6%	15,192	15,192	0	0.0%
14.8%	15,190	15,190	0	0.0%
16.0%	15,184	15,184	0	0.0%
17.3%	15,177	15,177	0	0.0%
18.5%	15,124	15,124	0	0.0%
19.8%	15,090	15,090	0	0.0%
21.0%	15,028	15,028	0	0.0%
22.2%	15,020	15,020	0	0.0%
23.5%	15,004	15,004	0	0.0%
24.7%	14,996	14,996	0	0.0%
25.9%	14,990	14,990	0	0.0%
27.2%	14,984	14,984	0	0.0%
28.4%	14,984	14,984	0	0.0%
29.6%	14,957	14,957	0	0.0%
30.9%	14,947	14,947	0	0.0%
32.1%	14,935	14,935	0	0.0%
33.3%	14,934	14,934	0	0.0%
34.6%	14,814	14,814	0	0.0%
35.8%	14,804	14,804	0	0.0%
37.0%	14,797	14,797	0	0.0%
38.3%	14,794	14,794	0	0.0%
39.5%	14,790	14,790	0	0.0%
40.7%	14,737	14,767	30	0.2%
42.0%	14,704	14,737	33	0.2%
43.2%	14,704	14,704	0	0.0%
44.4%	14,688	14,704	16	0.1%
45.7%	14,643	14,688	45	0.3%
46.9%	14,615	14,679	64	0.4%
48.1%	14,611	14,642	32	0.2%
49.4%	14,566	14,614	48	0.3%
50.6%	14,466	14,611	125	0.9%
51.9%	14,474	14,583	109	0.8%
53.1%	14,458	14,566	108	0.7%
54.3%	14,415	14,508	93	0.6%
55.6%	14,334	14,486	152	1.1%
56.8%	14,297	14,474	177	1.2%
58.0%	14,230	14,329	99	0.7%
59.3%	14,227	14,299	72	0.5%
60.5%	14,113	14,287	174	1.2%
61.7%	13,878	14,274	396	2.9%
63.0%	13,812	14,267	454	3.3%
64.2%	13,682	14,255	573	4.2%
65.4%	13,561	14,370	199	1.5%
66.7%	13,441	13,722	281	2.1%
67.9%	13,441	13,345	-96	-0.7%
69.1%	12,933	12,872	-60	-0.5%
70.4%	12,912	12,853	-59	-0.5%
71.6%	12,763	12,669	-94	-0.7%
72.8%	12,751	12,665	-87	-0.7%
74.1%	12,455	12,600	145	1.2%
75.3%	12,205	12,545	340	2.8%
76.5%	12,092	12,507	415	3.4%
77.8%	12,023	12,462	438	3.6%
79.0%	12,007	12,453	446	3.7%
80.2%	11,992	12,337	345	2.9%
81.5%	11,614	12,273	659	5.7%
82.7%	11,555	12,144	589	5.1%
84.0%	11,500	11,959	459	4.0%
85.2%	11,478	11,305	-173	-1.5%
86.4%	11,018	11,057	39	0.3%
87.7%	10,804	11,018	214	2.0%
88.9%	10,294	10,401	106	1.0%
90.1%	10,171	10,072	-99	-1.0%
91.4%	9,611	9,990	378	3.9%
92.6%	9,401	9,653	252	2.7%
93.8%	9,026	9,544	518	5.7%

Table SW-20-7b
Lake Oroville, End of Month Area
Probability of Exceedance

June						July						August						September					
Percent Exceedance Probability (%)	No Action Alternative End of Month Area (ACRE)	Alternative C End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)		Percent Exceedance Probability (%)	No Action Alternative End of Month Area (ACRE)	Alternative C End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)		Percent Exceedance Probability (%)	No Action Alternative End of Month Area (ACRE)	Alternative C End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)		Percent Exceedance Probability (%)	No Action Alternative End of Month Area (ACRE)	Alternative C End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)	
0.0%	15,804	15,804	0	0.0%		0.0%	15,804	15,804	0	0.0%		0.0%	15,804	15,804	-273	-1.7%		0.0%	15,180	15,180	0	0.0%	
1.2%	15,804	15,804	0	0.0%		1.2%	15,804	15,804	0	0.0%		1.2%	15,804	15,804	-402	-2.5%		1.2%	15,180	15,180	0	0.0%	
2.5%	15,804	15,804	0	0.0%		2.5%	15,804	15,799	-4	0.0%		2.5%	15,763	15,367	-395	-2.5%		2.5%	14,799	14,695	-104	-0.7%	
3.7%	15,804	15,804	0	0.0%		3.7%	15,804	15,593	-210	-1.3%		3.7%	15,804	15,306	-325	-2.1%		3.7%	14,399	13,691	-708	-4.4%	
4.9%	15,804	15,804	0	0.0%		4.9%	15,804	15,556	-248	-1.6%		4.9%	15,574	15,085	-490	-3.1%		4.9%	14,214	13,580	-634	-4.5%	
6.2%	15,804	15,804	0	0.0%		6.2%	15,804	15,502	-302	-1.9%		6.2%	15,084	14,583	-501	-3.2%		6.2%	14,214	13,580	-634	-4.5%	
7.4%	15,804	15,804	0	0.0%		7.4%	15,804	15,403	-401	-2.6%		7.4%	15,059	14,798	-261	-1.7%		7.4%	13,744	13,537	-206	-1.5%	
8.6%	15,804	15,804	0	0.0%		8.6%	15,257	15,168	-89	-0.6%		8.6%	14,956	14,598	-359	-2.4%		8.6%	13,521	12,997	-524	-3.9%	
9.9%	15,804	15,804	0	0.0%		9.9%	15,091	14,801	-291	-1.9%		9.9%	14,715	14,475	-240	-1.6%		9.9%	13,297	12,710	-587	-4.4%	
11.1%	15,804	15,804	0	0.0%		11.1%	14,744	14,759	15	0.1%		11.1%	14,692	14,443	-249	-1.7%		11.1%	12,976	12,705	-271	-2.1%	
12.3%	15,804	15,804	0	0.0%		12.3%	14,668	14,627	-41	-0.3%		12.3%	14,024	13,987	-37	-0.3%		12.3%	12,805	12,548	-257	-2.0%	
13.6%	15,804	15,804	0	0.0%		13.6%	14,578	14,522	-56	-0.4%		13.6%	13,981	13,957	-25	-0.2%		13.6%	12,245	12,400	155	1.3%	
14.8%	15,804	15,763	-41	-0.3%		14.8%	14,445	14,478	33	0.2%		14.8%	13,970	13,940	-30	-0.2%		14.8%	12,115	12,379	265	2.2%	
16.0%	15,804	15,759	-45	-0.3%		16.0%	14,394	14,295	-99	-0.7%		16.0%	13,784	13,770	-14	-0.1%		16.0%	12,114	12,267	153	1.3%	
17.3%	15,804	15,711	-93	-0.6%		17.3%	14,326	14,223	-103	-0.7%		17.3%	13,717	13,552	-165	-1.2%		17.3%	12,111	12,142	30	0.3%	
18.5%	15,804	15,711	-93	-0.6%		18.5%	14,209	14,078	-130	-0.9%		18.5%	13,467	13,504	37	0.3%		18.5%	11,992	11,924	-68	-0.6%	
19.8%	15,804	15,711	-93	-0.6%		19.8%	14,114	14,007	-107	-0.8%		19.8%	13,381	13,408	27	0.2%		19.8%	11,798	11,663	-135	-1.1%	
21.0%	15,804	15,711	-93	-0.6%		21.0%	14,099	13,989	-110	-0.8%		21.0%	13,322	13,306	-16	-0.1%		21.0%	11,720	11,737	17	0.1%	
22.2%	15,804	15,706	-98	-0.6%		22.2%	14,082	13,945	-137	-1.0%		22.2%	13,056	13,254	199	1.5%		22.2%	11,554	11,697	143	1.2%	
23.5%	15,804	15,706	-98	-0.6%		23.5%	14,041	13,942	-100	-0.7%		23.5%	13,046	13,231	185	1.4%		23.5%	11,490	11,652	162	1.4%	
24.7%	15,804	15,705	-99	-0.6%		24.7%	14,006	13,927	-79	-0.6%		24.7%	12,927	13,231	303	2.3%		24.7%	11,451	11,486	35	0.3%	
25.9%	15,804	15,705	-99	-0.6%		25.9%	13,986	13,893	-93	-0.7%		25.9%	12,752	12,897	145	1.1%		25.9%	11,233	11,481	247	2.2%	
27.2%	15,804	15,703	-101	-0.6%		27.2%	13,932	13,840	-92	-0.7%		27.2%	12,734	12,833	98	0.8%		27.2%	11,198	11,380	182	1.6%	
28.4%	15,804	15,664	-140	-0.9%		28.4%	13,922	13,823	-99	-0.7%		28.4%	12,515	12,691	175	1.4%		28.4%	11,163	11,351	188	1.7%	
29.6%	15,804	15,659	-145	-0.9%		29.6%	13,863	13,736	-127	-0.9%		29.6%	12,515	12,662	147	1.2%		29.6%	11,158	11,097	-60	-0.5%	
30.9%	15,804	15,604	-169	-1.1%		30.9%	13,824	13,722	-102	-0.7%		30.9%	12,472	12,570	98	0.8%		30.9%	11,002	11,089	87	0.8%	
32.1%	15,804	15,629	-131	-0.8%		32.1%	13,670	13,671	1	0.0%		32.1%	12,398	12,525	127	1.0%		32.1%	10,942	10,972	30	0.3%	
33.3%	15,629	15,425	-204	-1.3%		33.3%	13,654	13,629	-25	-0.2%		33.3%	12,316	12,378	62	0.5%		33.3%	10,873	10,959	85	0.8%	
34.6%	15,568	15,332	-237	-1.5%		34.6%	13,541	13,379	-162	-1.2%		34.6%	12,141	12,350	209	1.7%		34.6%	10,806	10,899	93	0.9%	
35.8%	15,425	15,303	-122	-0.8%		35.8%	13,425	13,340	-85	-0.6%		35.8%	12,058	12,201	143	1.2%		35.8%	10,645	10,867	222	2.1%	
37.0%	15,417	15,293	-124	-0.8%		37.0%	13,379	13,318	-61	-0.5%		37.0%	11,973	12,142	269	2.3%		37.0%	10,472	10,539	67	0.6%	
38.3%	15,175	15,272	97	0.6%		38.3%	13,184	13,311	128	1.0%		38.3%	11,811	12,036	225	1.9%		38.3%	10,470	10,618	149	1.4%	
39.5%	15,028	15,036	8	0.1%		39.5%	12,943	13,297	354	2.7%		39.5%	11,579	11,926	347	3.0%		39.5%	10,429	10,554	125	1.2%	
40.7%	14,942	14,952	10	0.1%		40.7%	12,887	12,995	108	0.8%		40.7%	11,563	11,851	288	2.5%		40.7%	10,366	10,546	181	1.7%	
42.0%	14,877	14,927	50	0.3%		42.0%	12,829	12,869	39	0.3%		42.0%	11,530	11,823	292	2.5%		42.0%	10,303	10,515	212	2.1%	
43.2%	14,802	14,871	69	0.5%		43.2%	12,823	12,866	43	0.3%		43.2%	11,462	11,803	341	3.0%		43.2%	10,263	10,458	195	1.9%	
44.4%	14,716	14,746	30	0.2%		44.4%	12,799	12,747	-51	-0.4%		44.4%	11,460	11,704	244	2.1%		44.4%	10,134	10,453	320	3.2%	
45.7%	14,709	14,735	25	0.2%		45.7%	12,794	12,718	-76	-0.6%		45.7%	11,380	11,505	125	1.1%		45.7%	10,131	10,373	241	2.4%	
46.9%	14,654	14,588	-66	-0.5%		46.9%	12,751	12,671	-80	-0.6%		46.9%	11,352	11,493	142	1.2%		46.9%	10,032	10,338	306	3.1%	
48.1%	14,566	14,469	-97	-0.7%		48.1%	12,522	12,617	95	0.8%		48.1%	11,252	11,302	50	0.4%		48.1%	9,926	10,316	390	3.9%	
49.4%	14,374	14,445	71	0.5%		49.4%	12,474	12,534	60	0.5%		49.4%	11,177	11,199	21	0.2%		49.4%	9,913	10,263	350	3.5%	
50.6%	14,353	14,425	72	0.5%		50.6%	12,461	12,481	21	0.2%		50.6%	10,974	11,163	189	1.7%		50.6%	9,867	10,132	266	2.7%	
51.9%	14,348	14,392	45	0.3%		51.9%	12,422	12,471	49	0.4%		51.9%	10,825	11,105	280	2.6%		51.9%	9,803	9,965	162	1.7%	
53.1%	14,285	14,367	82	0.6%		53.1%	12,225	12,428	203	1.7%		53.1%	10,792	11,068	275	2.5%		53.1%	9,778	9,825	47	0.5%	
54.3%	14,190	14,337	148	1.0%		54.3%	12,202	12,412	209	1.7%		54.3%	10,648	10,736	87	0.8%		54.3%	9,699	9,819	120	1.2%	
55.6%	14,112	14,293	171	1.2%		55.6%	12,051	12,295	244	2.0%		55.6%	10,620	10,709	89	0.8%		55.6%	9,617	9,579	-37	-0.4%	
56.8%	13,982	14,273	292	2.1%		56.8%	11,986	12,192	206	1.7%		56.8%	10,493	10,687	194	1.8%		56.8%	9,472	9,527	55	0.6%	
58.0%	13,840	14,018	178	1.3%		58.0%	11,706	11,916	209	1.8%		58.0%	10,343	10,470	128	1.2%		58.0%	9,377	9,465	88	0.9%	
59.3%	13,758	13,879	120	0.9%		59.3%	11,683	11,889	207	1.8%		59.3%	10,083	10,376	294	2.9%		59.3%	9,186	9,334	148	1.6%	
60.5%	13,632	13,757	126	0.9%		60.5%	11,659	11,874	214	1.8%		60.5%	10,032	10,347	315	3.1%		60.5%	9,044	9,878	834	9.2%	
61.7%	13,621	13,609	-12	-0.1%		61.7%	11,648	11,816	168	1.4%		61.7%	9,986	9,961	-25	-0.2%		61.7%	9,021	9,856	835	9.2%	
63.0%	13,580	13,596	17	0.1%		63.0%	11,562	11,517	-45	-0.4%		63.0%	9,887	9,810	-78	-0.8%		63.0%	8,992	8,751	-241	-2.7%	
64.2%	13,501	13,506	5	0.0%		64.2%	11,432	11,271	-162	-1.4%		64.2%	9,691	9,595	-95	-1.0%		64.2%	8,847	8,683	-164	-1.9%	
65.4%	13,432	13,272	-160	-1.2%		65.4%	11,251	11,151	-100	-0.9%		65.4%	9,570	9,482	-88	-0.9%		65.4%	8,830	8,621	-209	-2.4%	
66.7%	13,021	13,211	189	1.5%		66.7%	10,821	11,119	298	2.8%		66.7%	9,519	9,408	-111	-1.2%		66.7%	8,816	8,587	-229	-2.6%	
67.9%	12,966	13,163	197	1.5%		67.9%	10,813	11,077	264	2.4%		67.9%	9,325	9,281	-44	-0.5%		67.9%	8,705	8,578	-126	-1.4%	
69.1%	12,947	13,071	124	1.0%		69.1%	10,812	10,946	134	1.2%		69.1%	9,250	9,257	7	0.1%		69.1%	8,703	8,576	-127	-1.5%	
70.4%	12,795	13,009	214	1.7%		70.4%	10,788	10,867	79	0.7%		70.4%	9,107	9,124	16	0.2%		70.4%	8,370				

Table SW-21-7a
Feather River at Thermalito Low Flow Channel, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	800	800	800	800	800	800	700	700	700	700	700	773
Alternative C	800	800	800	800	800	800	700	700	700	700	700	773
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference ³	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Water Year Types²												
Wet (32%)												
No Action Alternative	800	800	800	800	800	800	700	700	700	700	700	773
Alternative C	800	800	800	800	800	800	700	700	700	700	700	773
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal (15%)												
No Action Alternative	800	800	800	800	800	800	700	700	700	700	700	773
Alternative C	800	800	800	800	800	800	700	700	700	700	700	773
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Below Normal (17%)												
No Action Alternative	800	800	800	800	800	800	700	700	700	700	700	773
Alternative C	800	800	800	800	800	800	700	700	700	700	700	773
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Dry (22%)												
No Action Alternative	800	800	800	800	800	800	700	700	700	700	700	773
Alternative C	800	800	800	800	800	800	700	700	700	700	700	773
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical (15%)												
No Action Alternative	800	800	800	800	800	800	700	700	700	700	700	773
Alternative C	800	800	800	800	800	800	700	700	700	700	700	773
Difference	0	0	0	0	0	0	0	0	0	0	0	0
Percent Difference	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

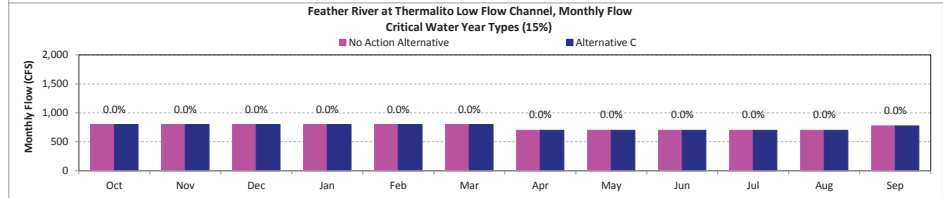
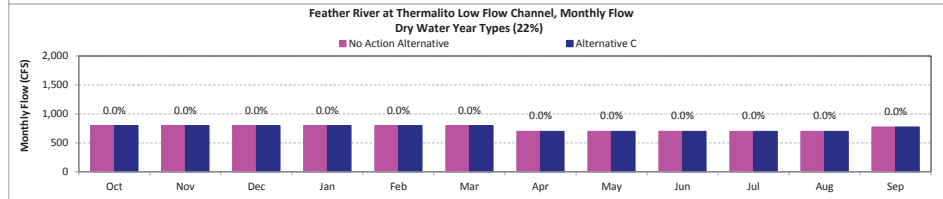
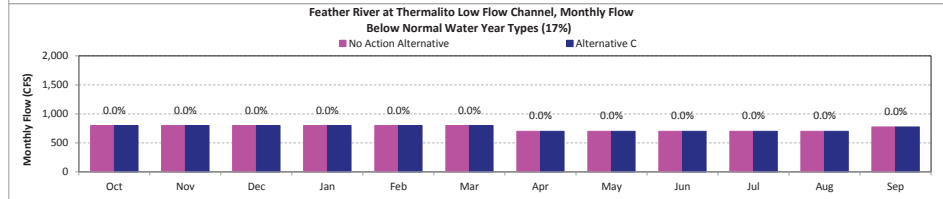
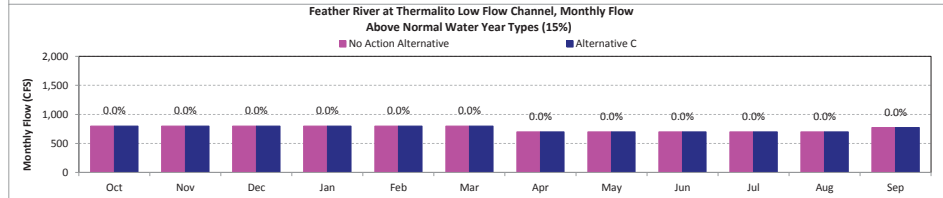
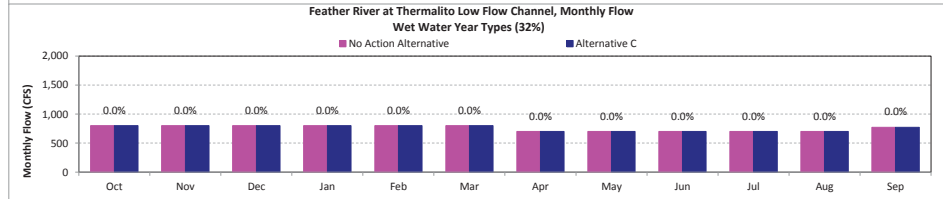
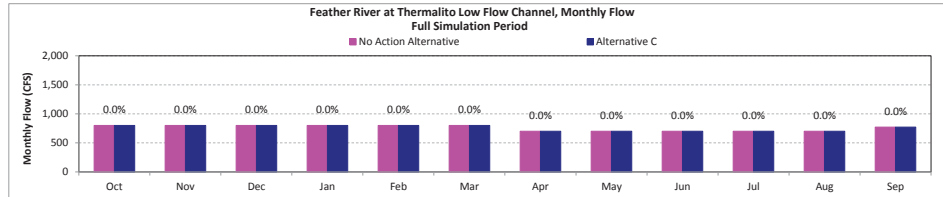


Figure SW-21-7b
Feather River at Thermalito Low Flow Channel, Monthly Flow
Probability of Exceedance

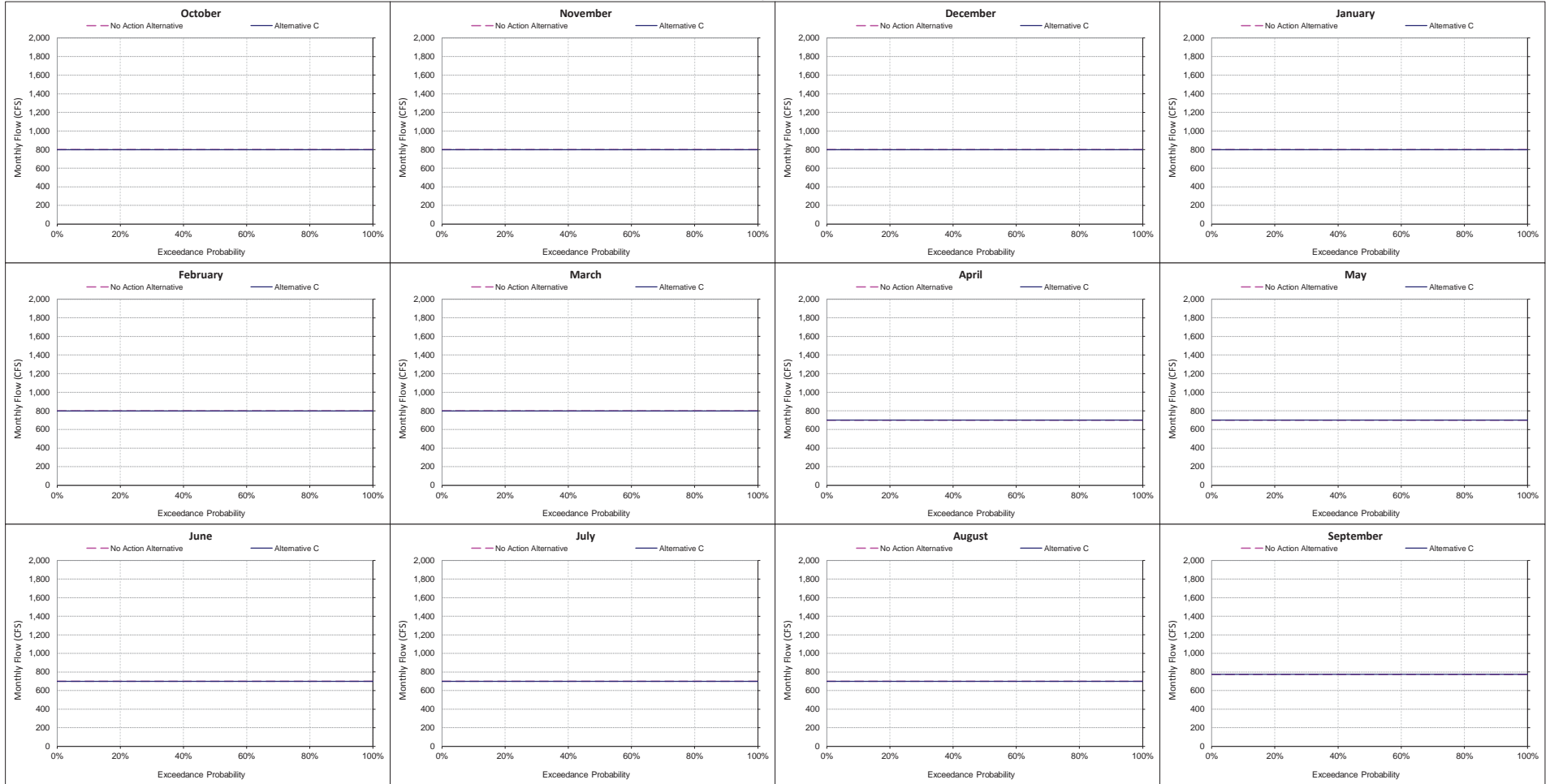


Table SW-22.7a
Feather River below Thermalito, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	2,815	2,230	3,453	4,661	5,498	5,941	3,079	3,640	3,783	7,723	4,992	4,831
Alternative C	2,608	2,184	3,155	4,626	5,687	5,988	3,038	3,570	3,928	7,719	5,037	5,134
Difference	-207	-46	-298	-35	189	47	-41	-70	145	-4	45	303
Percent Difference ³	-7.3%	-2.1%	-8.6%	-0.8%	3.4%	0.8%	-1.3%	-1.9%	3.8%	-0.1%	0.9%	6.3%
Water Year Types²												
Wet (32%)												
No Action Alternative	3,835	3,384	5,285	10,620	11,516	12,387	6,511	7,539	5,149	6,745	3,920	8,437
Alternative C	3,523	3,272	4,705	10,588	11,688	12,399	6,516	7,540	5,371	6,749	3,913	8,534
Difference	-312	-112	-579	-32	172	12	5	1	222	4	-7	97
Percent Difference	-8.1%	-3.3%	-11.0%	-0.3%	1.5%	0.1%	0.1%	0.0%	4.3%	0.1%	-0.2%	1.2%
Above Normal (15%)												
No Action Alternative	3,592	2,323	3,389	3,461	5,426	7,028	2,257	3,232	3,397	9,119	6,405	7,040
Alternative C	3,448	2,323	2,740	3,419	5,706	7,339	2,258	3,322	3,861	9,111	5,998	7,328
Difference	-144	0	-649	-42	280	311	0	90	464	-8	-407	288
Percent Difference	-4.0%	0.0%	-19.1%	-1.2%	5.2%	4.4%	0.0%	2.8%	13.6%	-0.1%	-6.4%	4.1%
Below Normal (17%)												
No Action Alternative	2,533	1,893	2,615	1,711	2,799	2,337	1,119	1,159	2,849	9,062	6,441	2,656
Alternative C	2,326	1,875	3,100	1,464	3,477	2,344	1,119	1,140	3,264	9,036	6,105	2,953
Difference	-208	-18	485	-247	677	7	0	-19	415	-26	-336	297
Percent Difference	-8.2%	-1.0%	18.6%	-14.4%	24.2%	0.3%	0.0%	-1.6%	14.6%	-0.3%	-5.2%	11.2%
Dry (22%)												
No Action Alternative	2,031	1,516	2,732	1,453	1,635	1,685	1,329	1,605	3,442	8,256	6,071	2,002
Alternative C	1,614	1,478	2,304	1,394	1,580	1,541	1,274	1,280	3,212	8,240	6,712	2,723
Difference	-418	-38	-427	-59	-55	-144	-55	-325	-229	-15	641	722
Percent Difference	-20.6%	-2.5%	-15.6%	-4.1%	-3.4%	-8.5%	-4.1%	-20.2%	-6.7%	-0.2%	10.6%	36.0%
Critical (15%)												
No Action Alternative	1,330	1,101	1,607	1,206	1,476	1,480	1,375	1,545	2,807	6,084	2,595	1,592
Alternative C	1,605	1,106	1,553	1,454	1,409	1,668	1,168	1,483	2,715	6,108	2,756	1,734
Difference	275	5	-54	248	-67	188	-208	-62	-92	24	161	141
Percent Difference	20.7%	0.4%	-3.4%	20.5%	-4.6%	12.7%	-15.1%	-4.0%	-3.3%	0.4%	6.2%	8.9%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average



Figure SW-22-7b
Feather River below Thermalito, Monthly Flow
Probability of Exceedance

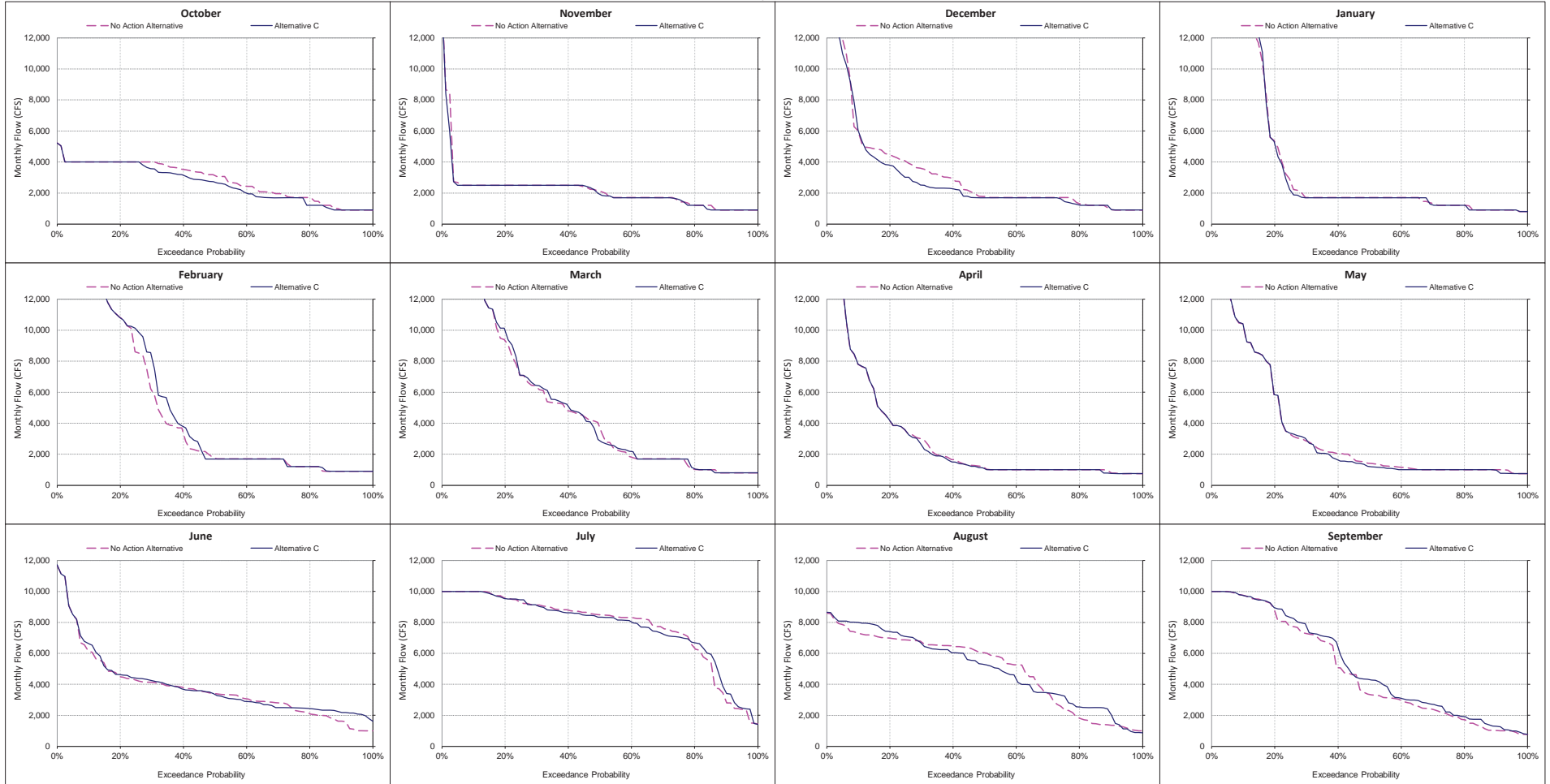


Table SW-22-7b
Feather River below Thermalito, Monthly Flow
Probability of Exceedance

October				
Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	5,232	5,223	-9	-0.2%
1.2%	5,030	5,009	-21	-0.4%
2.5%	4,000	4,000	0	0.0%
3.7%	4,000	4,000	0	0.0%
4.9%	4,000	4,000	0	0.0%
6.2%	4,000	4,000	0	0.0%
7.4%	4,000	4,000	0	0.0%
8.6%	4,000	4,000	0	0.0%
9.9%	4,000	4,000	0	0.0%
11.1%	4,000	4,000	0	0.0%
12.3%	4,000	4,000	0	0.0%
13.6%	4,000	4,000	0	0.0%
14.8%	4,000	4,000	0	0.0%
16.0%	4,000	4,000	0	0.0%
17.3%	4,000	4,000	0	0.0%
18.5%	4,000	4,000	0	0.0%
19.8%	4,000	4,000	0	0.0%
21.0%	4,000	4,000	0	0.0%
22.2%	4,000	4,000	0	0.0%
23.5%	4,000	4,000	0	0.0%
24.7%	4,000	4,000	0	0.0%
25.9%	4,000	4,000	0	0.0%
27.2%	4,000	3,809	-191	-4.8%
28.4%	4,000	3,657	-343	-8.6%
29.6%	4,000	3,561	-439	-11.0%
30.9%	4,000	3,549	-451	-11.3%
32.1%	3,896	3,332	-565	-14.5%
33.3%	3,872	3,322	-550	-14.2%
34.6%	3,789	3,312	-477	-12.6%
35.8%	3,662	3,298	-364	-9.9%
37.0%	3,659	3,259	-401	-11.0%
38.3%	3,618	3,194	-424	-11.7%
39.5%	3,529	3,181	-348	-9.9%
40.7%	3,502	3,085	-418	-11.9%
42.0%	3,448	2,972	-476	-13.8%
43.2%	3,394	2,884	-510	-14.8%
44.4%	3,345	2,866	-479	-14.3%
45.7%	3,340	2,851	-489	-14.6%
46.9%	3,183	2,799	-384	-12.1%
48.1%	3,181	2,745	-436	-13.7%
49.4%	3,175	2,730	-445	-14.0%
50.6%	3,072	2,642	-430	-14.0%
51.9%	3,064	2,606	-458	-15.0%
53.1%	3,063	2,567	-496	-16.2%
54.3%	2,682	2,426	-255	-9.5%
55.6%	2,661	2,325	-336	-12.6%
56.8%	2,629	2,284	-345	-13.1%
58.0%	2,487	2,215	-271	-10.9%
59.3%	2,444	2,053	-391	-16.0%
60.5%	2,432	1,952	-480	-19.7%
61.7%	2,425	1,939	-486	-20.0%
63.0%	2,226	1,752	-474	-21.3%
64.2%	2,081	1,739	-342	-16.5%
65.4%	2,078	1,702	-375	-18.1%
66.7%	2,054	1,700	-354	-17.3%
67.9%	2,052	1,700	-352	-17.1%
69.1%	1,965	1,700	-265	-13.5%
70.4%	1,952	1,700	-252	-12.9%
71.6%	1,949	1,700	-249	-12.8%
72.8%	1,750	1,700	-50	-2.9%
74.1%	1,728	1,700	-28	-1.6%
75.3%	1,700	1,700	0	0.0%
76.5%	1,700	1,700	0	0.0%
77.8%	1,700	1,700	0	0.0%
79.0%	1,700	1,200	-500	-29.4%
80.2%	1,700	1,200	-500	-29.4%
81.5%	1,475	1,200	-275	-18.6%
82.7%	1,456	1,200	-256	-17.6%
84.0%	1,200	1,200	0	0.0%
85.2%	1,200	1,071	-129	-10.8%
86.4%	1,200	995	-205	-17.1%
87.7%	1,021	900	-121	-11.8%
88.9%	994	900	-94	-9.5%
90.1%	900	900	0	0.0%
91.4%	900	900	0	0.0%
92.6%	900	900	0	0.0%
93.8%	900	900	0	0.0%
95.1%	900	900	0	0.0%
96.3%	900	900	0	0.0%
97.5%	900	900	0	0.0%
98.8%	900	900	0	0.0%
100.0%	900	900	0	0.0%

November				
Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	14,550	14,550	0	0.0%
1.2%	8,601	8,421	-180	-3.1%
2.5%	4,000	5,964	2,462	-29.2%
3.7%	2,730	2,726	-3	-0.1%
4.9%	2,674	2,500	-174	-6.5%
6.2%	2,500	2,500	0	0.0%
7.4%	2,500	2,500	0	0.0%
8.6%	2,500	2,500	0	0.0%
9.9%	2,500	2,500	0	0.0%
11.1%	2,500	2,500	0	0.0%
12.3%	2,500	2,500	0	0.0%
13.6%	2,500	2,500	0	0.0%
14.8%	2,500	2,500	0	0.0%
16.0%	2,500	2,500	0	0.0%
17.3%	2,500	2,500	0	0.0%
18.5%	2,500	2,500	0	0.0%
19.8%	2,500	2,500	0	0.0%
21.0%	2,500	2,500	0	0.0%
22.2%	2,500	2,500	0	0.0%
23.5%	2,500	2,500	0	0.0%
24.7%	2,500	2,500	0	0.0%
25.9%	2,500	2,500	0	0.0%
27.2%	2,500	2,500	0	0.0%
28.4%	2,500	2,500	0	0.0%
29.6%	2,500	2,500	0	0.0%
30.9%	2,500	2,500	0	0.0%
32.1%	2,500	2,500	0	0.0%
33.3%	2,500	2,500	0	0.0%
34.6%	2,500	2,500	0	0.0%
35.8%	2,500	2,500	0	0.0%
37.0%	2,500	2,500	0	0.0%
38.3%	2,500	2,500	0	0.0%
39.5%	2,500	2,500	0	0.0%
40.7%	2,500	2,500	0	0.0%
42.0%	2,500	2,500	0	0.0%
43.2%	2,500	2,500	0	0.0%
44.4%	2,431	2,500	69	2.9%
45.7%	2,381	2,422	41	1.7%
46.9%	2,246	2,354	108	4.8%
48.1%	2,236	2,208	-27	-1.2%
49.4%	2,151	1,975	-175	-8.2%
50.6%	2,065	1,849	-216	-10.5%
51.9%	1,977	1,815	-161	-8.2%
53.1%	1,700	1,808	108	6.4%
54.3%	1,700	1,700	0	0.0%
55.6%	1,700	1,700	0	0.0%
56.8%	1,700	1,700	0	0.0%
58.0%	1,700	1,700	0	0.0%
59.3%	1,700	1,700	0	0.0%
60.5%	1,700	1,700	0	0.0%
61.7%	1,700	1,700	0	0.0%
63.0%	1,700	1,700	0	0.0%
64.2%	1,700	1,700	0	0.0%
65.4%	1,700	1,700	0	0.0%
66.7%	1,700	1,700	0	0.0%
67.9%	1,700	1,700	0	0.0%
69.1%	1,700	1,700	0	0.0%
70.4%	1,700	1,700	0	0.0%
71.6%	1,700	1,700	0	0.0%
72.8%	1,700	1,700	0	0.0%
74.1%	1,611	1,632	20	1.3%
75.3%	1,424	1,566	142	10.0%
76.5%	1,418	1,420	2	0.1%
77.8%	1,361	1,200	-161	-11.8%
79.0%	1,200	1,200	0	0.0%
80.2%	1,200	1,200	0	0.0%
81.5%	1,200	1,200	0	0.0%
82.7%	1,200	1,200	0	0.0%
84.0%	1,200	954	-246	-20.5%
85.2%	1,200	900	-300	-25.0%
86.4%	957	900	-57	-6.0%
87.7%	900	900	0	0.0%
88.9%	900	900	0	0.0%
90.1%	900	900	0	0.0%
91.4%	900	900	0	0.0%
92.6%	900	900	0	0.0%
93.8%	900	900	0	0.0%
95.1%	900	900	0	0.0%
96.3%	900	900	0	0.0%
97.5%	900	900	0	0.0%
98.8%	900	900	0	0.0%
100.0%	900	900	0	0.0%

December				
Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	24,329	24,329	0	0.0%
1.2%	15,421	14,866	-455	-2.9%
2.5%	14,106	13,043	-1,062	-7.5%
3.7%	12,871	12,395	-476	-3.7%
4.9%	11,981	10,984	-997	-8.3%
6.2%	10,984	10,230	-754	-6.9%
7.4%	9,375	9,171	-204	-2.2%
8.6%	6,278	7,821	1,543	24.6%
9.9%	6,026	6,024	-2	0.0%
11.1%	5,200	5,339	139	2.7%
12.3%	4,959	4,773	-186	-3.7%
13.6%	4,921	4,498	-423	-8.6%
14.8%	4,857	4,327	-530	-10.9%
16.0%	4,839	4,141	-698	-14.4%
17.3%	4,768	3,962	-806	-16.9%
18.5%	4,540	3,842	-698	-15.4%
19.8%	4,496	3,808	-688	-15.3%
21.0%	4,372	3,733	-639	-14.6%
22.2%	4,266	3,490	-776	-18.2%
23.5%	4,145	3,234	-911	-22.0%
24.7%	4,094	3,011	-1,083	-26.5%
25.9%	3,916	3,008	-908	-23.2%
27.2%	3,807	2,755	-1,052	-27.6%
28.4%	3,631	2,678	-953	-26.3%
29.6%	3,595	2,519	-1,075	-29.9%
30.9%	3,537	2,494	-1,043	-29.5%
32.1%	3,421	2,404	-1,017	-29.7%
33.3%	3,238	2,324	-914	-28.2%
34.6%	3,234	2,322	-911	-28.2%
35.8%	3,144	2,309	-834	-26.5%
37.0%	3,037	2,308	-729	-24.0%
38.3%	3,010	2,204	-806	-26.8%
39.5%	2,971	2,288	-683	-23.0%
40.7%	2,760	2,226	-534	-19.3%
42.0%	2,752	2,201	-551	-20.0%
43.2%	2,230	1,799	-430	-19.3%
44.4%	2,200	1,790	-411	-18.7%
45.7%	2,082	1,702	-380	-18.3%
46.9%	1,967	1,700	-267	-13.6%
48.1%	1,792	1,700	-92	-5.1%
49.4%	1,770	1,700	-70	-3.9%
50.6%	1,761	1,700	-61	-3.5%
51.9%	1,700	1,700	0	0.0%
53.1%	1,700	1,700	0	0.0%
54.3%	1,700	1,700	0	0.0%
55.6%	1,700	1,700	0	0.0%
56.8%	1,700	1,700	0	0.0%
58.0%	1,700	1,700	0	0.0%
59.3%	1,700	1,700	0	0.0%
60.5%	1,700	1,700	0	0.0%
61.7%	1,700	1,700	0	0.0%
63.0%	1,700	1,700	0	0.0%
64.2%	1,700	1,700	0	0.0%
65.4%	1,700	1,700	0	0.0%
66.7%	1,700	1,700	0	0.0%
67.9%	1,700	1,700	0	0.0%
69.1%	1,700	1,700	0	0.0%
70.4%	1,700	1,700	0	0.0%
71.6%	1,700	1,700	0	0.0%
72.8%	1,700	1,695	-5	-0.3%
74.1%	1,700	1,624	-76	-4.5%
75.3%	1,700	1,438	-262	-15.4%
76.5%	1,700	1,385	-315	-18.5%
77.8%	1,629	1,324	-306	-18.8%
79.0%	1,387	1,278	-109	-7.9%
80.2%	1,284	1,200	-84	-6.5%
81.5%	1,267	1,200	-67	-5.3%
82.7%	1,200	1,200	0	0.0%
84.0%	1,200	1,200	0	0.0%
85.2%	1,200	1,200	0	0.0%
86.4%	1,200	1,200	0	0.0%
87.7%	1,200	1,200	0	0.0%
88.9%	1,054	1,200	146	13.9%
90.1%	919	917	-1	-0.2%
91.4%	900	900	0	0.0%
92.6%	900	900	0	0.0%
93.8%	900	900	0	0.0%
95.1%	900	900	0	0.0%
96.3%	900	900	0	0.0%
97.5%	900	900	0	0.0%
98.8%	900	900	0	0.0%

Table SW-22-7b
 Feather River below Thermalito, Monthly Flow
 Probability of Exceedance

Percent Exceedance Probability	February		Absolute Difference (CFS)	Relative Difference (%)
	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)		
0.0%	21,724	21,724	0	0.0%
1.2%	21,292	21,200	-3	0.0%
2.5%	21,176	21,192	16	0.1%
3.7%	20,085	18,940	-1,145	-5.7%
4.9%	18,146	18,145	-1	0.0%
6.2%	17,987	17,986	-2	0.0%
7.4%	17,620	17,625	5	0.0%
8.6%	16,581	16,583	1	0.0%
9.9%	16,407	16,406	-1	0.0%
11.1%	15,888	15,338	-550	-3.5%
12.3%	15,395	15,294	-102	-0.7%
13.6%	14,529	14,532	3	0.0%
14.8%	12,477	12,475	-2	0.0%
16.0%	11,789	11,785	-4	0.0%
17.3%	11,343	11,345	2	0.0%
18.5%	11,085	11,076	-9	-0.1%
19.8%	10,847	10,847	0	0.0%
21.0%	10,663	10,661	-2	0.0%
22.2%	10,291	10,287	-4	0.0%
23.5%	10,131	10,260	129	1.3%
24.7%	8,601	10,131	1,530	17.8%
25.9%	8,626	9,843	1,218	15.6%
27.2%	8,379	9,584	1,205	14.4%
28.4%	7,497	8,601	1,105	14.7%
29.6%	6,228	8,555	2,327	37.4%
30.9%	5,796	7,494	1,698	29.3%
32.1%	4,869	6,795	926	19.0%
33.3%	4,403	5,718	1,315	29.9%
34.6%	3,993	5,658	1,665	41.7%
35.8%	3,865	4,864	999	25.8%
37.0%	3,835	4,401	567	14.8%
38.3%	3,709	3,863	284	7.7%
39.5%	3,696	3,837	141	3.8%
40.7%	2,821	3,706	884	31.3%
42.0%	2,358	3,157	799	33.9%
43.2%	2,318	2,912	594	25.6%
44.4%	2,230	2,814	584	26.2%
45.7%	2,194	2,226	32	1.5%
46.9%	2,174	1,700	-474	-21.8%
48.1%	1,969	1,700	-269	-13.7%
49.4%	1,787	1,700	-87	-4.9%
50.6%	1,700	1,700	0	0.0%
51.9%	1,700	1,700	0	0.0%
53.1%	1,700	1,700	0	0.0%
54.3%	1,700	1,700	0	0.0%
55.6%	1,700	1,700	0	0.0%
56.8%	1,700	1,700	0	0.0%
58.0%	1,700	1,700	0	0.0%
59.3%	1,700	1,700	0	0.0%
60.5%	1,700	1,700	0	0.0%
61.7%	1,700	1,700	0	0.0%
63.0%	1,700	1,700	0	0.0%
64.2%	1,700	1,700	0	0.0%
65.4%	1,700	1,700	0	0.0%
66.7%	1,700	1,700	0	0.0%
67.9%	1,700	1,700	0	0.0%
69.1%	1,700	1,700	0	0.0%
70.4%	1,700	1,700	0	0.0%
71.6%	1,700	1,700	0	0.0%
72.8%	1,387	1,200	-187	-13.5%
74.1%	1,200	1,200	0	0.0%
75.3%	1,200	1,200	0	0.0%
76.5%	1,200	1,200	0	0.0%
77.8%	1,200	1,200	0	0.0%
79.0%	1,200	1,200	0	0.0%
80.2%	1,200	1,200	0	0.0%
81.5%	1,200	1,200	0	0.0%
82.7%	1,000	1,000	0	0.0%
84.0%	926	1,139	213	23.0%
85.2%	900	924	24	2.7%
86.4%	900	900	0	0.0%
87.7%	900	900	0	0.0%
88.9%	900	900	0	0.0%
90.1%	900	900	0	0.0%
91.4%	900	900	0	0.0%
92.6%	900	900	0	0.0%
93.8%	900	900	0	0.0%
95.1%	900	900	0	0.0%
96.3%	900	900	0	0.0%
97.5%	900	900	0	0.0%
98.8%	900	900	0	0.0%
100.0%	900	900	0	0.0%

Percent Exceedance Probability	March		Absolute Difference (CFS)	Relative Difference (%)
	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)		
0.0%	34,036	34,036	0	0.0%
1.2%	31,808	31,808	0	0.0%
2.5%	26,269	26,267	-2	0.0%
3.7%	22,001	22,780	779	3.5%
4.9%	20,294	19,377	-917	-4.5%
6.2%	19,372	18,237	-1,135	-5.9%
7.4%	17,075	16,072	-1,003	-5.9%
8.6%	14,409	14,310	-98	-0.7%
9.9%	14,277	14,273	-4	0.0%
11.1%	13,402	13,400	-2	0.0%
12.3%	12,917	12,915	-2	0.0%
13.6%	11,916	11,910	-5	0.0%
14.8%	11,446	11,445	-1	0.0%
16.0%	11,351	11,359	7	0.1%
17.3%	10,166	10,523	357	3.5%
18.5%	9,488	10,143	655	6.9%
19.8%	9,293	10,142	749	8.0%
21.0%	9,037	9,389	352	3.9%
22.2%	8,314	9,039	725	8.7%
23.5%	7,834	8,312	478	6.1%
24.7%	7,087	7,097	9	0.1%
25.9%	6,843	7,085	0	0.0%
27.2%	6,379	6,925	284	4.3%
28.4%	6,455	6,634	179	2.8%
29.6%	6,228	6,413	185	2.9%
30.9%	6,171	6,415	244	4.0%
32.1%	6,117	6,229	112	1.8%
33.3%	5,385	6,118	732	13.6%
34.6%	5,337	5,549	212	4.0%
35.8%	5,315	5,531	216	4.1%
37.0%	5,292	5,431	139	2.6%
38.3%	5,251	5,251	0	0.0%
39.5%	4,817	5,235	418	8.7%
40.7%	4,778	4,854	76	1.6%
42.0%	4,695	4,780	85	1.8%
43.2%	4,682	4,701	19	0.4%
44.4%	4,529	4,529	0	0.0%
45.7%	4,355	4,122	-233	-5.4%
46.9%	4,170	4,093	-78	-1.9%
48.1%	4,145	3,679	-466	-11.2%
49.4%	4,050	2,945	-1,105	-27.3%
50.6%	3,379	2,779	-600	-17.8%
51.9%	2,786	2,674	-112	-4.0%
53.1%	2,768	2,594	-174	-6.3%
54.3%	2,380	2,557	177	7.4%
55.6%	2,254	2,400	146	6.5%
56.8%	2,174	2,325	151	7.0%
58.0%	2,144	2,295	151	7.1%
59.3%	1,859	2,187	329	17.7%
60.5%	1,775	2,153	379	21.3%
61.7%	1,700	1,700	0	0.0%
63.0%	1,700	1,700	0	0.0%
64.2%	1,700	1,700	0	0.0%
65.4%	1,700	1,700	0	0.0%
66.7%	1,700	1,700	0	0.0%
67.9%	1,700	1,700	0	0.0%
69.1%	1,700	1,700	0	0.0%
70.4%	1,700	1,700	0	0.0%
71.6%	1,700	1,700	0	0.0%
72.8%	1,700	1,700	0	0.0%
74.1%	1,700	1,700	0	0.0%
75.3%	1,700	1,700	0	0.0%
76.5%	1,669	1,700	31	1.9%
77.8%	1,278	1,700	422	33.0%
79.0%	1,040	1,155	116	11.1%
80.2%	1,019	1,036	16	1.6%
81.5%	1,000	1,000	0	0.0%
82.7%	1,000	1,000	0	0.0%
84.0%	1,000	1,000	0	0.0%
85.2%	1,000	1,000	0	0.0%
86.4%	1,000	800	-200	-20.0%
87.7%	1,000	800	-200	-20.0%
88.9%	900	800	-100	-11.1%
90.1%	800	800	0	0.0%
91.4%	800	800	0	0.0%
92.6%	800	800	0	0.0%
93.8%	800	800	0	0.0%
95.1%	800	800	0	0.0%
96.3%	800	800	0	0.0%
97.5%	800	800	0	0.0%
98.8%	800	800	0	0.0%
100.0%	800	800	0	0.0%

Percent Exceedance Probability	April		Absolute Difference (CFS)	Relative Difference (%)
	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)		
0.0%	18,991	18,991	0	0.0%
1.2%	17,562	17,562	-2	0.0%
2.5%	13,120	13,118	-2	0.0%
3.7%	13,116	13,108	-8	-0.1%
4.9%	12,900	12,900	0	0.0%
6.2%	10,563	10,558	-5	0.0%
7.4%	8,771	8,771	0	0.0%
8.6%	8,458	8,458	-1	0.0%
9.9%	7,812	7,810	-2	0.0%
11.1%	7,660	7,679	19	0.3%
12.3%	7,560	7,560	0	0.0%
13.6%	6,692	6,712	20	0.3%
14.8%	6,239	6,238	-1	0.0%
16.0%	5,101	5,101	0	0.0%
17.3%	4,793	4,801	7	0.2%
18.5%	4,654	4,553	-2	0.0%
19.8%	4,224	4,223	-2	0.0%
21.0%	3,853	3,854	1	0.0%
22.2%	3,850	3,848	-1	0.0%
23.5%	3,795	3,794	-1	0.0%
24.7%	3,587	3,590	3	0.1%
25.9%	3,277	3,243	-34	-1.0%
27.2%	3,045	3,077	36	5.3%
28.4%	3,079	3,034	-44	-1.4%
29.6%	3,009	2,701	-308	-10.2%
30.9%	2,921	2,311	-610	-20.9%
32.1%	2,609	2,173	-436	-16.7%
33.3%	2,171	1,996	-175	-8.1%
34.6%	1,997	1,896	-101	-5.0%
35.8%	1,900	1,891	-10	-0.5%
37.0%	1,893	1,808	-85	-4.5%
38.3%	1,814	1,649	-165	-9.1%
39.5%	1,653	1,506	-146	-8.8%
40.7%	1,650	1,490	-160	-9.7%
42.0%	1,492	1,384	-108	-7.3%
43.2%	1,387	1,372	-14	-1.0%
44.4%	1,312	1,313	1	0.1%
45.7%	1,281	1,226	-55	-4.3%
46.9%	1,275	1,223	-52	-4.1%
48.1%	1,240	1,136	-105	-8.4%
49.4%	1,225	1,122	-102	-8.3%
50.6%	1,040	1,000	-40	-3.9%
51.9%	1,000	1,000	0	0.0%
53.1%	1,000	1,000	0	0.0%
54.3%	1,000	1,000	0	0.0%
55.6%	1,000	1,000	0	0.0%
56.8%	1,000	1,000	0	0.0%
58.0%	1,000	1,000	0	0.0%
59.3%	1,000	1,000	0	0.0%
60.5%	1,000	1,000	0	0.0%
61.7%	1,000	1,000	0	0.0%
63.0%	1,000	1,000	0	0.0%
64.2%	1,000	1,000	0	0.0%
65.4%	1,000	1,000	0	0.0%
66.7%	1,000	1,000	0	0.0%
67.9%	1,000	1,000	0	0.0%
69.1%	1,000	1,000	0	0.0%
70.4%	1,000	1,000	0	0.0%
71.6%	1,000	1,000	0	0.0%
72.8%	1,000	1,000	0	0.0%
74.1%	1,000	1,000	0	0.0%
75.3%	1,000	1,000	0	0.0%
76.5%	1,000	1,000	0	0.0%
77.8%	1,000	1,000	0	0.0%
79.0%	1,000	1,000	0	0.0%
80.2%	1,000	1,000	0	0.0%
81.5%	1,000	1,000	0	0.0%
82.7%	1,000	1,000	0	0.0%
84.0%	1,000	1,000	0	0.0%
85.2%	1,000	1,000	0	0.0%
86.4%	1,000	1,000	0	0.0%
87.7%	800	762	-38	-4.8%
88.9%	951	780	-171	-18.0%
90.1%	785	750	-35	-4.5%
91.4%	781	750	-31	-3.9%
92.6%	750	750	0	0.0%
93.8%	750	750	0	0.0%
95.1%	750	750	0	0.0%
96.3%	750	750	0	0.0%
97.5%	750	750	0	0.0%
98.8%	750	750		

Table SW-22-7b
Feather River below Thermalito, Monthly Flow Probability of Exceedence

Percent Exceedance Probability	June		Absolute Difference (CFS)	Relative Difference (%)
	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)		
0.0%	11,681	11,718	37	0.3%
1.2%	11,144	11,144	-5	0.0%
2.5%	10,971	10,971	-1	0.0%
3.7%	9,080	9,077	-4	0.0%
4.9%	8,515	8,518	4	0.0%
6.2%	8,203	8,207	4	0.0%
7.4%	8,696	7,150	464	6.9%
8.6%	6,549	6,774	225	3.4%
9.9%	6,154	6,648	494	8.0%
11.1%	6,071	6,530	458	7.6%
12.3%	5,637	6,056	419	7.4%
13.6%	5,563	5,845	282	5.1%
14.8%	5,400	5,208	-192	-3.6%
16.0%	4,843	4,940	97	2.0%
17.3%	4,842	4,898	57	1.2%
18.5%	4,754	4,649	-104	-2.2%
19.8%	4,490	4,632	142	3.2%
21.0%	4,466	4,595	129	2.9%
22.2%	4,381	4,580	198	4.5%
23.5%	4,370	4,449	79	1.8%
24.7%	4,293	4,411	118	2.7%
25.9%	4,217	4,339	163	3.9%
27.2%	4,161	4,370	209	5.0%
28.4%	4,149	4,328	179	4.3%
29.6%	4,147	4,241	94	2.3%
30.9%	4,126	4,208	83	2.0%
32.1%	4,049	4,158	110	2.7%
33.3%	4,024	4,120	96	2.4%
34.6%	3,924	4,009	84	2.1%
35.8%	3,893	3,942	50	1.3%
37.0%	3,883	3,881	-2	-0.1%
38.3%	3,848	3,808	-40	-1.0%
39.5%	3,828	3,706	-122	-3.2%
40.7%	3,741	3,635	-106	-2.8%
42.0%	3,722	3,628	-93	-2.5%
43.2%	3,706	3,595	-111	-3.0%
44.4%	3,584	3,592	7	0.2%
45.7%	3,557	3,589	32	0.9%
46.9%	3,514	3,528	13	0.4%
48.1%	3,451	3,508	58	1.7%
49.4%	3,422	3,401	-21	-0.6%
50.6%	3,381	3,280	-102	-3.0%
51.9%	3,355	3,238	-117	-3.5%
53.1%	3,336	3,148	-188	-5.6%
54.3%	3,332	3,092	-240	-7.2%
55.6%	3,323	3,078	-245	-7.4%
56.8%	3,309	3,032	-277	-8.4%
58.0%	3,153	3,022	-130	-4.1%
59.3%	3,080	2,911	-170	-5.5%
60.5%	3,046	2,880	-167	-5.5%
61.7%	2,926	2,869	-58	-2.0%
63.0%	2,917	2,818	-99	-3.4%
64.2%	2,898	2,800	-98	-3.4%
65.4%	2,892	2,682	-210	-7.3%
66.7%	2,863	2,680	-182	-6.4%
67.9%	2,849	2,628	-221	-7.7%
69.1%	2,813	2,500	-313	-11.1%
70.4%	2,806	2,500	-306	-10.9%
71.6%	2,798	2,500	-298	-10.7%
72.8%	2,718	2,495	-223	-8.2%
74.1%	2,519	2,484	-35	-1.4%
75.3%	2,320	2,479	159	6.9%
76.5%	2,266	2,477	210	9.3%
77.8%	2,228	2,466	238	10.7%
79.0%	2,189	2,449	259	11.8%
80.2%	2,080	2,438	357	17.2%
81.5%	2,053	2,401	348	17.0%
82.7%	2,002	2,367	364	18.2%
84.0%	1,997	2,330	334	16.7%
85.2%	1,978	2,329	351	17.8%
86.4%	1,837	2,326	489	26.6%
87.7%	1,767	2,310	543	30.8%
88.9%	1,634	2,245	611	37.4%
90.1%	1,627	2,190	564	34.6%
91.4%	1,585	2,186	601	37.9%
92.6%	1,145	2,144	999	87.3%
93.8%	1,099	2,144	1,045	95.1%
95.1%	1,000	2,078	1,078	107.8%
96.3%	1,000	2,069	1,069	106.9%
97.5%	1,000	1,982	982	98.2%
98.8%	1,000	1,784	784	78.4%
100.0%	1,000	1,615	615	61.5%

Percent Exceedance Probability	July		Absolute Difference (CFS)	Relative Difference (%)
	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)		
0.0%	10,000	10,000	0	0.0%
1.2%	10,000	10,000	0	0.0%
2.5%	10,000	10,000	0	0.0%
3.7%	10,000	10,000	0	0.0%
4.9%	10,000	10,000	0	0.0%
6.2%	10,000	10,000	0	0.0%
7.4%	10,000	10,000	0	0.0%
8.6%	10,000	10,000	0	0.0%
9.9%	10,000	10,000	0	0.0%
11.1%	10,000	10,000	0	0.0%
12.3%	10,000	10,000	0	0.0%
13.6%	9,966	9,943	-42	-0.4%
14.8%	9,845	9,873	-72	-0.7%
16.0%	9,791	9,803	12	0.1%
17.3%	9,727	9,694	-33	-0.3%
18.5%	9,717	9,642	-75	-0.8%
19.8%	9,580	9,537	-44	-0.5%
21.0%	9,660	9,515	-45	-0.5%
22.2%	9,483	9,513	30	0.3%
23.5%	9,467	9,506	39	0.4%
24.7%	9,301	9,458	157	1.7%
25.9%	9,290	9,467	224	2.5%
27.2%	9,217	9,161	-56	-0.6%
28.4%	9,138	9,144	6	0.1%
29.6%	9,129	9,143	14	0.2%
30.9%	9,118	9,022	-97	-1.1%
32.1%	9,158	9,973	90	0.9%
33.3%	9,015	8,804	-212	-2.3%
34.6%	8,964	8,788	-176	-2.0%
35.8%	8,848	8,765	-83	-0.9%
37.0%	8,833	8,740	-94	-1.1%
38.3%	8,825	8,651	-172	-1.9%
39.5%	8,819	8,622	-198	-2.2%
40.7%	8,746	8,621	-125	-1.4%
42.0%	8,714	8,590	-124	-1.4%
43.2%	8,713	8,588	-125	-1.4%
44.4%	8,656	8,600	-56	-0.6%
45.7%	8,647	8,459	-188	-2.2%
46.9%	8,565	8,447	-118	-1.4%
48.1%	8,533	8,442	-91	-1.1%
49.4%	8,495	8,343	-152	-1.8%
50.6%	8,380	8,330	-49	-0.6%
51.9%	8,467	8,326	-141	-1.7%
53.1%	8,457	8,316	-141	-1.7%
54.3%	8,390	8,306	-84	-1.0%
55.6%	8,347	8,156	-191	-2.3%
56.8%	8,322	8,149	-173	-2.1%
58.0%	8,316	8,139	-177	-2.1%
59.3%	8,312	8,125	-187	-2.3%
60.5%	8,292	7,971	-321	-3.9%
61.7%	8,256	7,927	-329	-4.0%
63.0%	8,250	7,702	-547	-6.6%
64.2%	8,208	7,698	-510	-6.2%
65.4%	8,159	7,663	-495	-6.1%
66.7%	7,995	7,449	-546	-6.4%
67.9%	7,728	7,410	-318	-4.1%
69.1%	7,725	7,338	-387	-5.0%
70.4%	7,580	7,206	-374	-4.9%
71.6%	7,579	7,135	-443	-5.9%
72.8%	7,426	7,104	-322	-4.3%
74.1%	7,397	7,072	-326	-4.4%
75.3%	7,303	7,047	-256	-3.5%
76.5%	7,224	6,980	-244	-3.4%
77.8%	7,086	6,943	-143	-2.0%
79.0%	6,570	6,731	161	2.5%
80.2%	6,269	6,680	411	6.6%
81.5%	6,203	6,621	417	6.7%
82.7%	5,761	6,348	587	10.2%
84.0%	5,599	6,018	419	7.5%
85.2%	5,395	5,933	538	10.0%
86.4%	3,750	5,458	1,708	45.5%
87.7%	3,716	4,685	968	26.1%
88.9%	3,459	3,893	434	12.5%
90.1%	2,804	3,400	596	21.3%
91.4%	2,796	3,381	585	20.9%
92.6%	2,448	2,814	367	15.0%
93.8%	2,426	2,544	118	4.9%
95.1%	2,379	2,473	95	4.0%
96.3%	2,358	2,424	66	2.8%
97.5%	1,507	893	-614	-40.7%
98.8%	1,484	1,462	-23	-0.2%
100.0%	1,440	1,416	-24	-1.7%

Percent Exceedance Probability	August		Absolute Difference (CFS)	Relative Difference (%)
	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)		
0.0%	8,603	8,650	47	0.5%
1.2%	8,663	8,644	-78	-0.9%
2.5%	8,167	8,327	160	2.0%
3.7%	7,924	8,093	170	2.1%
4.9%	7,866	8,089	224	2.8%
6.2%	7,763	8,081	318	4.1%
7.4%	7,427	8,019	592	8.0%
8.6%	7,398	8,019	621	8.4%
9.9%	7,306	7,997	691	9.5%
11.1%	7,246	7,960	714	9.8%
12.3%	7,196	7,958	763	10.6%
13.6%	7,190	7,915	724	10.1%
14.8%	7,163	7,868	705	9.8%
16.0%	7,076	7,808	732	10.3%
17.3%	7,027	7,575	548	7.8%
18.5%	7,011	7,440	429	6.1%
19.8%	6,997	7,412	415	5.9%
21.0%	6,964	7,360	396	5.7%
22.2%	6,932	7,357	426	6.1%
23.5%	6,880	7,164	284	4.1%
24.7%	6,869	7,099	231	3.4%
25.9%	6,862	7,069	207	3.0%
27.2%	6,830	7,026	196	2.9%
28.4%	6,824	6,857	33	0.5%
29.6%	6,784	6,705	-79	-1.2%
30.9%	6,601	6,438	-164	-2.5%
32.1%	6,555	6,379	-176	-2.7%
33.3%	6,554	6,285	-269	-4.1%
34.6%	6,546	6,268	-278	-4.2%
35.8%	6,519	6,248	-271	-4.2%
37.0%	6,508	6,242	-266	-4.1%
38.3%	6,502	6,243	-259	-4.0%
39.5%	6,486	6,048	-438	-6.8%
40.7%	6,446	6,039	-407	-6.3%
42.0%	6,441	6,018	-423	-6.6%
43.2%	6,409	5,999	-410	-6.4%
44.4%	6,386	5,901	-485	-7.6%
45.7%	6,315	5,559	-756	-12.0%
46.9%	6,207	5,530	-677	-10.9%
48.1%	6,086	5,343	-743	-12.2%
49.4%	6,056	5,309	-747	-12.3%
50.6%	6,025	5,245	-780	-13.0%
51.9%	5,878	5,191	-687	-11.7%
53.1%	5,835	5,068	-767	-13.1%
54.3%	5,794	5,034	-760	-13.1%
55.6%	5,706	4,854	-852	-14.9%
56.8%	5,353	4,725	-628	-11.7%
58.0%	5,310	4,636	-674	-12.7%
59.3%	5,267	4,612	-655	-12.4%
60.5%	5,257	4,123	-1,135	-21.6%
61.7%	5,240	4,002	-1,238	-23.6%
63.0%	4,701	3,994	-706	-15.1%
64.2%	4,495	3,971	-524	-11.7%
65.4%	4,495	3,536	-959	-21.3%
66.7%	4,020	3,483	-537	-13.4%
67.9%	3,752	3,483	-270	-7.2%
69.1%	3,438	3,482	44	1.3%
70.4%	3,412	3,448	36	1.1%
71.6%	2,987	3,419	431	14.4%
72.8%	2,716	3,355	639	23.5%
74.1%	2,588	3,307	720	27.8%
75.3%	2,352	3,248	896	38.1%
76.5%	2,309	2,805	496	21.5%
77.8%	2,176	2,758	582	26.8%
79.0%	1,899	2,546	647	34.1%
80.2%	1,800	2,542	742	41.2%
81.5%	1,704	2,500	796	46.7%
82.7%	1,679	2,500	821	48.9%
84.0%	1,480	2,500	1,020	68.9%
85.2%	1,450	2,500	1,050	72.4%
86.4%	1,414	2,500	1,086	76.8%
87.7%	1,411	2,479	1,068	75.7%
88.9%	1,397	2,426	1,029	73.6%
90.1%	1,354	2,018	664	49.1%</

Table SW-23-7a
Feather River at Mouth, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	3,312	3,145	5,786	11,338	12,918	12,986	8,811	7,670	6,330	8,371	5,972	6,575
Alternative C	3,105	3,076	5,491	11,307	13,109	13,035	8,769	7,600	6,475	8,369	6,008	6,890
Difference	-207	-70	-295	-31	191	49	-42	-69	146	-3	35	314
Percent Difference ³	-6.2%	-2.2%	-5.1%	-0.3%	1.5%	0.4%	-0.5%	-0.9%	2.3%	0.0%	0.6%	4.8%
Water Year Types²												
Wet (32%)												
No Action Alternative	4,258	4,230	8,495	22,904	26,098	23,692	15,954	14,390	10,293	8,421	5,496	10,522
Alternative C	3,946	4,051	7,918	22,874	26,271	23,697	15,955	14,391	10,512	8,420	5,473	10,633
Difference	-312	-179	-577	-30	173	6	1	1	218	-1	-24	111
Percent Difference	-7.3%	-4.2%	-6.8%	-0.1%	0.7%	0.0%	0.0%	0.0%	2.1%	0.0%	-0.4%	1.1%
Above Normal (15%)												
No Action Alternative	4,083	3,265	4,677	11,475	12,863	19,318	9,848	7,957	6,465	9,663	7,416	8,989
Alternative C	3,937	3,253	4,028	11,436	13,142	19,622	9,840	8,043	6,923	9,646	6,988	9,278
Difference	-146	-12	-649	-39	279	304	-7	86	458	-17	-428	290
Percent Difference	-3.6%	-0.4%	-13.9%	-0.3%	2.2%	1.6%	-0.1%	1.1%	7.1%	-0.2%	-5.8%	3.2%
Below Normal (17%)												
No Action Alternative	3,655	3,434	6,731	5,589	8,055	7,130	5,328	4,652	4,621	9,459	7,353	4,454
Alternative C	3,443	3,420	7,218	5,348	8,737	7,113	5,330	4,635	5,035	9,416	6,993	4,753
Difference	-212	-14	487	-241	681	-17	1	-16	414	-43	-360	300
Percent Difference	-5.8%	-0.4%	7.2%	-4.3%	8.5%	-0.2%	0.0%	-0.4%	8.9%	-0.5%	-4.9%	6.7%
Dry (22%)												
No Action Alternative	2,397	2,479	4,613	4,297	4,234	4,767	4,199	3,661	4,145	8,230	6,728	3,833
Alternative C	1,977	2,444	4,191	4,241	4,181	4,626	4,147	3,338	3,915	8,216	7,363	4,546
Difference	-420	-35	-422	-56	-53	-141	-52	-323	-230	-14	635	712
Percent Difference	-17.5%	-1.4%	-9.2%	-1.3%	-1.3%	-3.0%	-1.2%	-8.8%	-5.6%	-0.2%	9.4%	18.6%
Critical (15%)												
No Action Alternative	1,465	1,338	1,680	3,412	3,116	2,620	3,280	2,357	2,876	5,917	2,816	2,197
Alternative C	1,748	1,331	1,628	3,666	3,049	2,868	3,076	2,300	2,803	5,988	3,004	2,397
Difference	284	-6	-52	253	-67	248	-204	-57	-72	71	189	200
Percent Difference	19.4%	-0.5%	-3.1%	7.4%	-2.1%	9.5%	-6.2%	-2.4%	-2.5%	1.2%	6.7%	9.1%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

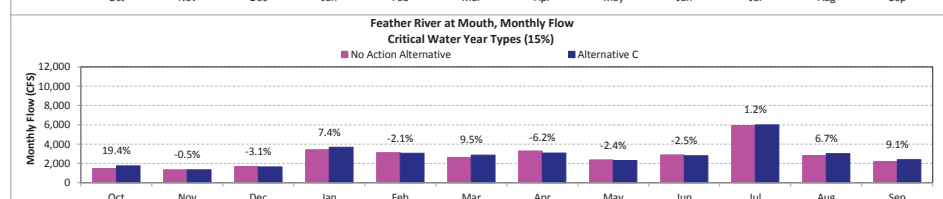
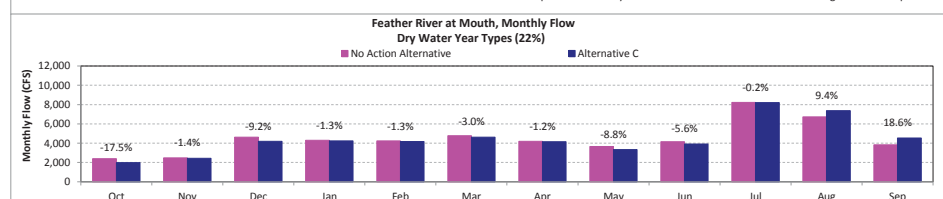
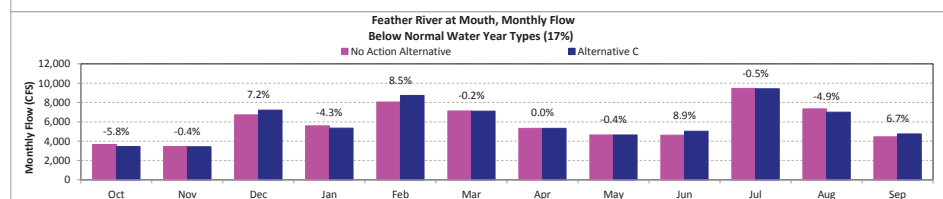
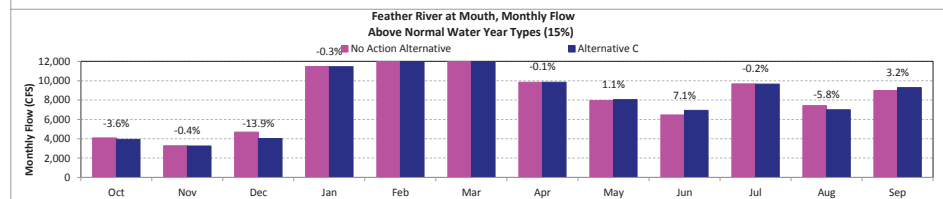
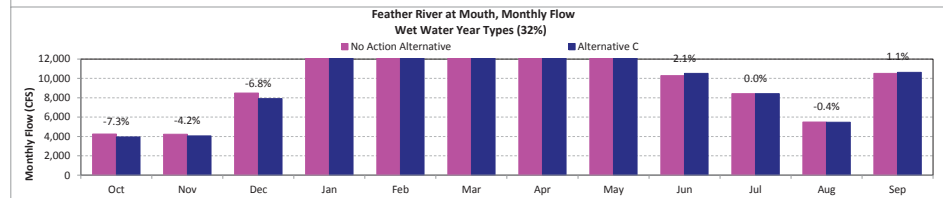
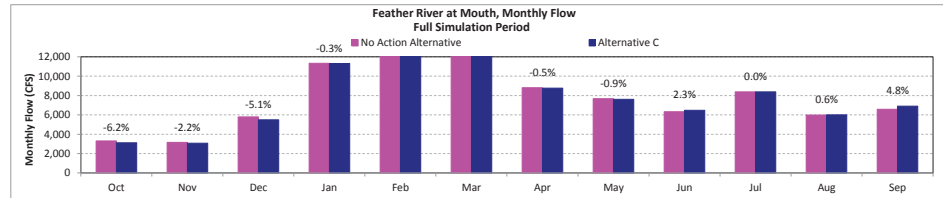


Figure SW-23-7b
Feather River at Mouth, Monthly Flow
Probability of Exceedance

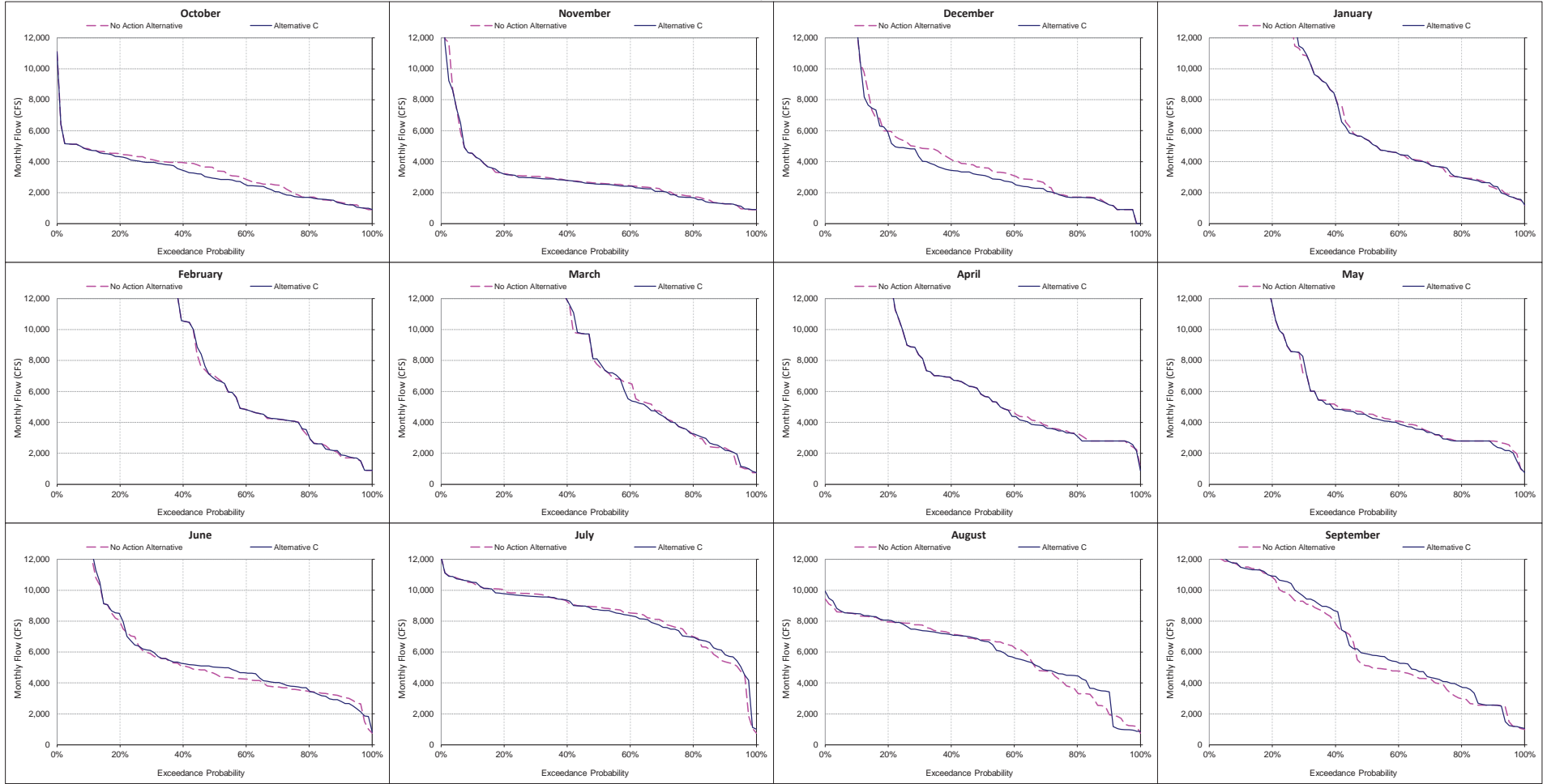


Table SW-23-7b
Feather River at Mouth, Monthly Flow
Probability of Exceedance

October				
Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	11,104	11,106	2	0.0%
1.2%	8,414	6,468	14	0.2%
2.5%	5,151	5,160	9	0.2%
3.7%	5,138	5,142	4	0.1%
4.9%	5,129	5,129	0	0.0%
6.2%	5,127	5,128	0	0.0%
7.4%	5,001	5,002	1	0.0%
8.6%	4,864	4,860	-4	-0.1%
9.9%	4,833	4,779	-54	-1.1%
11.1%	4,727	4,729	2	0.0%
12.3%	4,712	4,716	4	0.1%
13.6%	4,662	4,568	-94	-2.0%
14.8%	4,651	4,524	-127	-2.7%
16.0%	4,574	4,499	-75	-1.6%
17.3%	4,543	4,458	-85	-1.9%
18.5%	4,533	4,335	-197	-4.4%
19.8%	4,520	4,328	-193	-4.3%
21.0%	4,457	4,294	-162	-3.6%
22.2%	4,432	4,221	-211	-4.8%
23.5%	4,412	4,104	-308	-7.0%
24.7%	4,333	4,066	-267	-6.2%
25.9%	4,319	4,045	-274	-6.3%
27.2%	4,317	3,988	-329	-7.6%
28.4%	4,196	3,959	-237	-5.7%
29.6%	4,159	3,958	-201	-4.8%
30.9%	4,102	3,950	-152	-3.7%
32.1%	4,040	3,885	-156	-3.9%
33.3%	4,001	3,848	-154	-3.8%
34.6%	3,988	3,809	-178	-4.5%
35.8%	3,961	3,789	-172	-4.3%
37.0%	3,960	3,737	-223	-5.6%
38.3%	3,958	3,568	-410	-10.4%
39.5%	3,948	3,463	-485	-12.3%
40.7%	3,921	3,390	-530	-13.5%
42.0%	3,907	3,279	-628	-16.1%
43.2%	3,884	3,271	-613	-15.8%
44.4%	3,802	3,224	-578	-15.2%
45.7%	3,699	3,199	-500	-13.5%
46.9%	3,649	3,035	-614	-16.8%
48.1%	3,644	2,978	-667	-18.3%
49.4%	3,629	2,937	-691	-19.1%
50.6%	3,403	2,883	-510	-15.0%
51.9%	3,386	2,856	-530	-15.7%
53.1%	3,374	2,852	-522	-15.5%
54.3%	3,151	2,842	-309	-9.8%
55.6%	3,085	2,809	-276	-9.0%
56.8%	3,057	2,737	-321	-10.5%
58.0%	3,031	2,716	-315	-10.4%
59.3%	2,918	2,561	-357	-12.2%
60.5%	2,811	2,453	-358	-12.7%
61.7%	2,705	2,446	-259	-9.6%
63.0%	2,652	2,426	-226	-8.5%
64.2%	2,618	2,421	-197	-7.5%
65.4%	2,550	2,391	-159	-6.2%
66.7%	2,548	2,278	-270	-10.6%
67.9%	2,542	2,203	-338	-13.3%
69.1%	2,498	2,057	-440	-17.6%
70.4%	2,479	2,045	-435	-17.5%
71.6%	2,387	1,924	-463	-19.4%
72.8%	2,204	1,839	-365	-16.6%
74.1%	2,075	1,825	-250	-12.1%
75.3%	1,927	1,742	-185	-9.6%
76.5%	1,837	1,705	-133	-7.2%
77.8%	1,707	1,700	-7	-0.4%
79.0%	1,700	1,700	0	0.0%
80.2%	1,700	1,700	0	0.0%
81.5%	1,700	1,619	-81	-4.8%
82.7%	1,585	1,596	11	0.7%
84.0%	1,539	1,584	45	2.9%
85.2%	1,531	1,554	22	1.5%
86.4%	1,507	1,530	23	1.5%
87.7%	1,448	1,508	60	4.1%
88.9%	1,400	1,352	-47	-3.4%
90.1%	1,350	1,304	-46	-3.4%
91.4%	1,303	1,234	-69	-5.3%
92.6%	1,236	1,200	-36	-2.9%
93.8%	1,200	1,200	0	0.0%
95.1%	1,200	1,059	-141	-11.7%
96.3%	1,060	1,023	-37	-3.5%
97.5%	984	986	2	0.2%
98.8%	900	983	83	9.2%
100.0%	900	900	0	0.0%

November				
Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	23,067	23,068	1	0.0%
1.2%	11,839	11,674	-165	-1.4%
2.5%	9,225	9,225	-2,446	-21.0%
3.7%	8,621	8,614	-7	-0.1%
4.9%	7,420	7,427	7	0.1%
6.2%	5,902	6,515	613	10.4%
7.4%	4,924	4,925	1	0.0%
8.6%	4,577	4,570	-7	-0.2%
9.9%	4,540	4,543	3	0.1%
11.1%	4,279	4,282	3	0.1%
12.3%	4,146	4,148	2	0.0%
13.6%	3,891	3,893	2	0.0%
14.8%	3,662	3,664	2	0.0%
16.0%	3,607	3,608	0	0.0%
17.3%	3,315	3,517	201	6.1%
18.5%	3,286	3,318	32	1.0%
19.8%	3,239	3,213	-26	-0.8%
21.0%	3,207	3,149	-57	-1.8%
22.2%	3,123	3,149	26	0.8%
23.5%	3,093	3,109	15	0.5%
24.7%	3,091	2,988	-103	-3.3%
25.9%	3,084	2,975	-109	-3.5%
27.2%	3,017	2,969	-48	-1.6%
28.4%	3,056	2,960	-97	-3.2%
29.6%	3,048	2,942	-107	-3.5%
30.9%	3,047	2,913	-134	-4.4%
32.1%	3,020	2,904	-116	-3.8%
33.3%	2,973	2,886	-87	-2.9%
34.6%	2,956	2,879	-77	-2.6%
35.8%	2,895	2,874	-21	-0.7%
37.0%	2,879	2,838	-40	-1.4%
38.3%	2,858	2,817	-41	-1.4%
39.5%	2,800	2,816	17	0.6%
40.7%	2,788	2,756	-32	-1.1%
42.0%	2,751	2,754	3	0.1%
43.2%	2,748	2,692	-56	-2.0%
44.4%	2,693	2,694	1	0.0%
45.7%	2,683	2,609	-75	-2.8%
46.9%	2,665	2,594	-71	-2.7%
48.1%	2,633	2,581	-53	-2.0%
49.4%	2,610	2,544	-66	-2.5%
50.6%	2,583	2,580	-3	-0.1%
51.9%	2,583	2,533	-50	-1.9%
53.1%	2,566	2,528	-38	-1.5%
54.3%	2,559	2,499	-60	-2.3%
55.6%	2,533	2,467	-66	-2.6%
56.8%	2,526	2,426	-100	-4.0%
58.0%	2,458	2,414	-43	-1.8%
59.3%	2,454	2,410	-44	-1.8%
60.5%	2,421	2,406	-15	-0.7%
61.7%	2,410	2,314	-96	-4.0%
63.0%	2,379	2,299	-80	-3.4%
64.2%	2,366	2,266	-100	-4.2%
65.4%	2,342	2,252	-90	-3.8%
66.7%	2,314	2,247	-67	-2.9%
67.9%	2,290	2,075	-215	-9.4%
69.1%	2,257	2,071	-186	-8.2%
70.4%	2,077	2,071	-6	-0.3%
71.6%	2,070	2,029	-41	-2.0%
72.8%	2,022	1,862	-160	-7.9%
74.1%	1,863	1,857	-6	-0.3%
75.3%	1,858	1,778	-80	-4.3%
76.5%	1,850	1,713	-137	-7.4%
77.8%	1,787	1,700	-87	-4.9%
79.0%	1,776	1,700	-76	-4.3%
80.2%	1,700	1,659	-41	-2.4%
81.5%	1,700	1,550	-150	-8.8%
82.7%	1,647	1,544	-103	-6.2%
84.0%	1,548	1,401	-147	-9.5%
85.2%	1,499	1,360	-139	-9.3%
86.4%	1,357	1,345	-12	-0.9%
87.7%	1,344	1,318	-26	-2.0%
88.9%	1,312	1,283	-29	-2.2%
90.1%	1,280	1,271	-9	-0.7%
91.4%	1,271	1,267	-4	-0.3%
92.6%	1,270	1,257	-13	-1.0%
93.8%	1,177	1,176	-1	-0.1%
95.1%	954	1,124	170	17.8%
96.3%	937	944	7	0.8%
97.5%	900	938	38	4.2%
98.8%	900	900	0	0.0%
100.0%	900	900	0	0.0%

December				
Percent Exceedance Probability	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)	Absolute Difference (CFS)	Relative Difference (%)
0.0%	48,403	48,404	1	0.0%
1.2%	32,897	32,897	0	0.0%
2.5%	32,019	29,643	-2,377	-7.4%
3.7%	21,161	21,255	94	0.4%
4.9%	20,375	21,178	803	3.9%
6.2%	18,708	19,192	484	2.6%
7.4%	17,732	18,589	857	4.8%
8.6%	13,076	15,902	2,826	21.6%
9.9%	12,933	12,933	0	0.0%
11.1%	10,411	10,408	-3	0.0%
12.3%	9,782	8,170	-1,612	-16.5%
13.6%	8,600	7,654	-946	-11.0%
14.8%	7,335	7,457	122	1.7%
16.0%	6,829	7,336	506	7.4%
17.3%	6,808	6,295	-513	-7.5%
18.5%	5,995	6,247	253	4.2%
19.8%	5,972	5,949	-23	-0.4%
21.0%	5,948	5,180	-769	-12.9%
22.2%	5,635	4,953	-682	-12.1%
23.5%	5,476	4,915	-561	-10.2%
24.7%	5,382	4,903	-479	-8.9%
25.9%	5,262	4,868	-395	-7.5%
27.2%	5,031	4,828	-203	-4.0%
28.4%	4,994	4,817	-177	-3.5%
29.6%	4,919	4,341	-578	-11.8%
30.9%	4,864	4,025	-840	-17.3%
32.1%	4,843	3,998	-845	-17.4%
33.3%	4,826	3,892	-932	-19.3%
34.6%	4,815	3,810	-1,005	-20.9%
35.8%	4,692	3,661	-1,031	-22.0%
37.0%	4,480	3,591	-888	-19.8%
38.3%	4,380	3,500	-880	-19.9%
39.5%	4,207	3,445	-762	-18.1%
40.7%	4,046	3,414	-631	-15.6%
42.0%	4,038	3,408	-631	-15.6%
43.2%	3,892	3,330	-562	-14.4%
44.4%	3,864	3,327	-537	-13.9%
45.7%	3,810	3,327	-483	-12.7%
46.9%	3,797	3,223	-575	-15.1%
48.1%	3,660	3,171	-488	-13.3%
49.4%	3,647	3,137	-510	-14.0%
50.6%	3,602	3,092	-510	-14.2%
51.9%	3,589	3,009	-580	-16.2%
53.1%	3,382	2,883	-499	-14.7%
54.3%	3,324	2,865	-459	-13.8%
55.6%	3,321	2,854	-467	-14.1%
56.8%	3,289	2,748	-541	-16.4%
58.0%	3,230	2,719	-511	-15.8%
59.3%	3,136	2,663	-472	-15.1%
60.5%	3,045	2,504	-541	-17.8%
61.7%	2,897	2,455	-443	-15.3%
63.0%	2,881	2,398	-483	-16.8%
64.2%	2,863	2,377	-486	-17.0%
65.4%	2,852	2,307	-546	-19.1%
66.7%	2,788	2,247	-540	-19.4%
67.9%	2,723	2,274	-449	-16.5%
69.1%	2,663	2,257	-406	-15.2%
70.4%	2,387	2,076	-311	-13.0%
71.6%	2,313	2,044	-269	-11.6%
72.8%	1,867	1,985	118	6.3%
74.1%	1,855	1,874	19	1.0%
75.3%	1,853	1,800	-53	-2.9%
76.5%	1,796	1,705	-91	-5.1%
77.8%	1,716	1,700	-16	-1.0%
79.0%	1,700	1,700	0	0.0%
80.2%	1,700	1,700	0	0.0%
81.5%	1,700	1,700	0	0.0%
82.7%	1,700	1,676	-24	-1.4%
84.0%	1,700	1,654	-46	-2.7%
85.2%	1,673	1,649	-24	-1.4%
86.4%	1,648	1,527	-120	-7.3%
87.7%	1,526	1,447	-79	-5.2%
88.9%	1,337	1,342	5	0.4%
90.1%	1,200	1,201	1	0.1%
91.4%	1,159	1,158	-1	-0.1%
92.6%	900	900	0	0.0%
93.8%	900	900	0	0.0%

Table SW-23-7b
Feather River at Mouth, Monthly Flow
Probability of Exceedence

Percent Exceedance Probability	February		Absolute Difference (CFS)	Relative Difference (%)
	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)		
0.0%	74,646	74,570	-76	-0.1%
0.2%	47,683	47,683	0	0.0%
2.5%	36,819	36,808	-11	0.0%
3.7%	36,336	36,336	1	0.0%
4.9%	35,637	35,633	-4	0.0%
6.2%	35,414	35,417	3	0.0%
7.4%	35,263	35,261	-2	0.0%
8.6%	33,624	33,622	-1	0.0%
9.9%	31,040	31,045	5	0.0%
11.1%	30,146	30,714	567	1.9%
12.3%	30,130	30,158	28	0.1%
13.6%	28,315	30,143	1,828	6.5%
14.8%	25,886	28,317	2,430	9.4%
16.0%	25,806	25,885	79	0.3%
17.3%	25,229	25,224	-5	0.0%
18.5%	24,130	25,213	1,083	4.5%
19.8%	24,018	24,040	21	0.1%
21.0%	22,239	22,990	752	3.4%
22.2%	20,605	21,745	1,141	5.5%
23.5%	20,369	20,609	240	1.2%
24.7%	20,210	20,362	152	0.8%
25.9%	18,696	18,706	8	0.0%
27.2%	17,037	18,048	1,011	5.9%
28.4%	16,420	16,545	125	0.8%
29.6%	16,098	16,471	372	2.3%
30.9%	15,798	16,420	622	3.9%
32.1%	15,769	16,267	498	3.1%
33.3%	15,708	16,100	392	2.5%
34.6%	15,340	15,818	478	3.1%
35.8%	13,600	15,771	2,170	16.0%
37.0%	12,704	12,703	-1	0.0%
38.3%	12,138	12,540	402	3.3%
39.5%	10,574	10,578	4	0.0%
40.7%	10,526	10,529	3	0.0%
42.0%	10,472	10,471	-1	0.0%
43.2%	10,036	10,002	-34	-0.3%
44.4%	8,401	8,867	466	5.5%
45.7%	7,628	8,402	774	10.1%
46.9%	7,409	7,628	219	3.0%
48.1%	7,128	7,124	-4	-0.1%
49.4%	7,119	6,901	-218	-3.1%
50.6%	6,899	6,720	-179	-2.6%
51.9%	6,716	6,659	-57	-0.9%
53.1%	6,521	6,519	-2	0.0%
54.3%	5,958	5,957	-1	0.0%
55.6%	5,928	5,930	2	0.0%
56.8%	5,620	5,619	-1	0.0%
58.0%	4,908	4,909	2	0.0%
59.3%	4,865	4,859	-6	-0.1%
60.5%	4,789	4,789	1	0.0%
61.7%	4,708	4,710	1	0.0%
63.0%	4,623	4,626	3	0.1%
64.2%	4,576	4,579	3	0.1%
65.4%	4,526	4,530	3	0.1%
66.7%	4,258	4,316	58	1.4%
67.9%	4,246	4,262	16	0.4%
69.1%	4,212	4,248	37	0.9%
70.4%	4,185	4,213	29	0.7%
71.6%	4,174	4,175	2	0.0%
72.8%	4,134	4,139	6	0.1%
74.1%	4,098	4,100	2	0.0%
75.3%	4,077	4,079	3	0.1%
76.5%	4,015	3,995	-20	-0.5%
77.8%	3,533	3,586	52	1.5%
79.0%	3,255	3,537	282	8.7%
80.2%	2,921	2,927	6	0.2%
81.5%	2,684	2,638	-27	-1.0%
82.7%	2,617	2,620	3	0.1%
84.0%	2,607	2,615	8	0.3%
85.2%	2,498	2,274	-224	-9.0%
86.4%	2,274	2,233	-41	-1.8%
87.7%	2,177	2,179	2	0.1%
88.9%	2,067	2,171	104	5.0%
90.1%	1,774	1,888	115	6.5%
91.4%	1,700	1,863	162	9.5%
92.6%	1,700	1,784	84	4.9%
93.8%	1,700	1,703	3	0.2%
95.1%	1,623	1,700	77	4.8%
96.3%	1,510	1,516	6	0.4%
97.5%	900	900	0	0.0%
98.8%	900	900	0	0.0%
100.0%	900	900	0	0.0%

Percent Exceedance Probability	March		Absolute Difference (CFS)	Relative Difference (%)
	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)		
0.0%	58,624	58,624	1	0.0%
1.2%	58,327	58,324	-3	0.0%
2.5%	47,905	48,686	781	1.6%
3.7%	43,551	41,496	-2,055	-4.7%
4.9%	36,124	36,133	9	0.0%
6.2%	34,670	34,670	1	0.0%
7.4%	34,052	34,047	-4	0.0%
8.6%	30,904	30,908	4	0.0%
9.9%	29,602	30,645	1,043	3.5%
11.1%	29,379	29,375	-4	0.0%
12.3%	29,112	29,112	0	0.0%
13.6%	27,685	27,684	-1	0.0%
14.8%	26,133	26,114	-19	-0.1%
16.0%	23,868	23,872	3	0.0%
17.3%	22,317	22,315	-2	0.0%
18.5%	21,899	21,902	3	0.0%
19.8%	19,914	19,914	0	0.0%
21.0%	19,913	19,829	-84	-0.4%
22.2%	19,061	19,065	4	0.0%
23.5%	18,950	18,917	-32	-0.2%
24.7%	18,575	18,577	1	0.0%
25.9%	17,103	17,174	671	3.9%
27.2%	16,998	17,094	107	0.6%
28.4%	16,206	16,990	785	4.8%
29.6%	15,564	16,823	1,260	8.1%
30.9%	14,770	16,205	1,435	9.7%
32.1%	14,586	14,765	179	1.2%
33.3%	14,523	14,588	64	0.4%
34.6%	14,058	13,935	-123	-0.9%
35.8%	13,952	13,570	-383	-2.7%
37.0%	12,919	12,922	3	0.0%
38.3%	12,838	12,838	-2	0.0%
39.5%	12,053	12,054	3	0.0%
40.7%	11,601	11,601	0	0.0%
42.0%	9,827	11,084	1,257	12.8%
43.2%	9,764	9,825	61	0.6%
44.4%	9,754	9,754	0	0.0%
45.7%	9,723	9,724	1	0.0%
46.9%	9,723	9,719	-4	0.0%
48.1%	8,104	8,110	7	0.1%
49.4%	7,766	8,102	336	4.3%
50.6%	7,532	7,532	230	3.1%
51.9%	7,377	7,382	5	0.1%
53.1%	7,190	7,211	21	0.3%
54.3%	6,907	7,196	289	4.2%
55.6%	6,816	7,050	234	3.4%
56.8%	6,790	6,795	5	0.1%
58.0%	6,608	6,107	-502	-7.6%
59.3%	6,570	5,527	-1,043	-15.9%
60.5%	6,486	5,378	-1,108	-17.1%
61.7%	5,526	5,333	-192	-3.5%
63.0%	5,376	5,205	-171	-3.2%
64.2%	5,330	5,177	-153	-2.9%
65.4%	5,236	5,001	-235	-4.5%
66.7%	5,183	4,760	-423	-8.2%
67.9%	4,757	4,740	-17	-0.4%
69.1%	4,737	4,533	-204	-4.3%
70.4%	4,530	4,402	-128	-2.8%
71.6%	4,208	4,214	6	0.1%
72.8%	4,114	4,015	-99	-2.4%
74.1%	3,981	3,981	1	0.0%
75.3%	3,731	3,742	11	0.3%
76.5%	3,634	3,635	1	0.0%
77.8%	3,552	3,558	5	0.2%
79.0%	3,371	3,306	-64	-1.9%
80.2%	3,149	3,245	97	3.1%
81.5%	2,970	3,152	183	6.1%
82.7%	2,951	3,055	104	3.5%
84.0%	2,590	2,960	370	14.3%
85.2%	2,435	2,656	221	9.1%
86.4%	2,397	2,576	179	7.5%
87.7%	2,375	2,527	152	6.4%
88.9%	2,372	2,375	3	0.1%
90.1%	2,342	2,195	-147	-6.3%
91.4%	2,187	2,166	-21	-1.0%
92.6%	2,066	2,076	10	0.5%
93.8%	2,000	2,000	0	0.0%
95.1%	1,105	1,156	51	4.6%
96.3%	1,000	1,106	106	10.6%
97.5%	1,000	1,000	0	0.0%
98.8%	750	846	96	12.9%
100.0%	750	750	0	0.0%

Percent Exceedance Probability	April		Absolute Difference (CFS)	Relative Difference (%)
	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)		
0.0%	49,219	49,220	1	0.0%
1.2%	30,825	30,833	8	0.0%
2.5%	28,609	28,609	0	0.0%
3.7%	27,668	27,669	1	0.0%
4.9%	27,286	27,292	6	0.0%
6.2%	27,135	27,136	1	0.0%
7.4%	25,742	25,739	-3	0.0%
8.6%	25,476	25,476	0	0.0%
9.9%	21,671	21,668	-2	0.0%
11.1%	18,842	18,840	-2	0.0%
12.3%	17,899	17,900	1	0.0%
13.6%	14,918	14,919	2	0.0%
14.8%	14,839	14,836	-3	0.0%
16.0%	14,496	14,508	12	0.1%
17.3%	13,919	13,907	-12	-0.1%
18.5%	13,789	13,712	-77	-0.6%
19.8%	13,312	13,312	0	0.0%
21.0%	12,756	12,761	5	0.0%
22.2%	11,275	11,276	0	0.0%
23.5%	10,608	10,608	1	0.0%
24.7%	9,858	9,861	2	0.0%
25.9%	8,994	8,996	2	0.0%
27.2%	8,872	8,875	4	0.0%
28.4%	8,864	8,862	-2	0.0%
29.6%	8,375	8,377	3	0.0%
30.9%	8,121	8,121	-1	0.0%
32.1%	7,350	7,345	-5	-0.1%
33.3%	7,271	7,273	2	0.0%
34.6%	7,021	7,021	0	0.0%
35.8%	7,014	7,016	3	0.0%
37.0%	6,996	6,994	-2	0.0%
38.3%	6,938	6,937	-1	0.0%
39.5%	6,925	6,928	3	0.0%
40.7%	6,726	6,726	0	0.0%
42.0%	6,702	6,701	-1	0.0%
43.2%	6,638	6,638	0	0.0%
44.4%	6,477	6,481	3	0.1%
45.7%	6,330	6,335	5	0.1%
46.9%	6,299	6,300	1	0.0%
48.1%	6,210	6,208	-2	0.0%
49.4%	5,826	5,825	-1	0.0%
50.6%	5,680	5,680	-1	0.0%
51.9%	5,637	5,638	0	0.0%
53.1%	5,341	5,342	1	0.0%
54.3%	5,313	5,314	0	0.0%
55.6%	4,983	4,994	11	0.2%
56.8%	4,874	4,876	2	0.0%
58.0%	4,791	4,792	2	0.0%
59.3%	4,778	4,383	-395	-8.3%
60.5%	4,521	4,370	-151	-3.3%
61.7%	4,382	4,154	-228	-5.2%
63.0%	4,356	4,104	-253	-5.8%
64.2%	4,353	4,044	-309	-7.1%
65.4%	4,153	3,864	-289	-7.0%
66.7%	4,097	3,840	-256	-6.3%
67.9%	4,041	3,814	-227	-5.6%
69.1%	3,871	3,779	-92	-2.4%
70.4%	3,778	3,622	-156	-4.1%
71.6%	3,621	3,600	-21	-0.6%
72.8%	3,608	3,549	-60	-1.6%
74.1%	3,557	3,458	-99	-2.8%
75.3%	3,460	3,452	-7	-0.2%
76.5%	3,451	3,314	-137	-4.0%
77.8%	3,320	3,313	-7	-0.2%
79.0%	3,313	3,275	-38	-1.2%
80.2%	3,272	3,052	-221	-6.7%
81.5%	3,108	2,800	-308	-9.9%
82.7%	2,944	2,800	-144	-4.9%
84.0%	2,800	2,800	0	0.0%
85.2%	2,800	2,800	0	0.0%
86.4%	2,800	2,800	0	0.0%
87.7%	2,800	2,800	0	0.0%
88.9%	2,800	2,800	0	0.0%
90.1%	2,800	2,800	0	0.0%
91.4%	2,800	2,800	0	0.0%
92.6%	2,800	2,800	0	0.0%
93.8%	2,800			

Table SW-23-7b
Feather River at Mouth, Monthly Flow
Probability of Exceedance

Percent Exceedance Probability	June		Absolute Difference (CFS)	Relative Difference (%)
	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)		
0.0%	24,601	24,597	-4	0.0%
0.2%	19,251	22,427	1	0.0%
2.5%	19,254	19,261	7	0.0%
3.7%	18,975	19,200	225	1.2%
4.9%	18,580	18,585	5	0.0%
6.2%	18,128	18,128	-2	0.0%
7.4%	17,594	17,590	-3	0.0%
8.6%	12,458	12,920	461	3.7%
9.9%	12,431	12,898	467	3.8%
11.1%	11,983	12,479	495	4.1%
12.3%	10,791	11,286	494	4.6%
13.6%	10,322	10,531	209	2.0%
14.8%	9,132	9,133	1	0.0%
16.0%	9,051	9,051	0	0.0%
17.3%	8,538	8,666	128	1.5%
18.5%	8,197	8,540	343	4.2%
19.8%	8,073	8,501	428	5.3%
21.0%	7,491	7,966	475	6.3%
22.2%	7,260	7,004	-256	-3.5%
23.5%	7,034	6,730	-304	-4.3%
24.7%	6,986	6,466	-520	-7.4%
25.9%	6,397	6,396	-1	0.0%
27.2%	6,105	6,211	106	1.7%
28.4%	5,991	6,143	152	2.5%
29.6%	5,905	6,110	205	3.5%
30.9%	5,715	5,960	245	4.3%
32.1%	5,617	5,705	89	1.6%
33.3%	5,581	5,585	5	0.1%
34.6%	5,578	5,572	-7	-0.1%
35.8%	5,363	5,452	90	1.7%
37.0%	5,291	5,352	61	1.2%
38.3%	5,276	5,348	72	1.4%
39.5%	5,075	5,261	186	3.7%
40.7%	5,075	5,231	156	3.1%
42.0%	5,005	5,189	184	3.7%
43.2%	4,890	5,168	278	5.7%
44.4%	4,880	5,140	260	5.3%
45.7%	4,853	5,105	252	5.2%
46.9%	4,852	5,096	243	5.0%
48.1%	4,682	5,094	412	8.8%
49.4%	4,654	5,040	386	8.3%
50.6%	4,651	5,020	469	10.1%
51.9%	4,391	5,000	609	13.9%
53.1%	4,363	4,988	625	14.3%
54.3%	4,356	4,987	631	14.5%
55.6%	4,334	4,866	532	12.3%
56.8%	4,279	4,783	504	11.8%
58.0%	4,273	4,667	394	9.2%
59.3%	4,258	4,664	406	9.5%
60.5%	4,248	4,631	382	9.0%
61.7%	4,172	4,625	453	10.9%
63.0%	4,163	4,598	435	10.5%
64.2%	4,161	4,328	167	4.0%
65.4%	3,987	4,149	162	4.1%
66.7%	3,801	4,118	317	8.3%
67.9%	3,773	4,066	293	7.8%
69.1%	3,738	4,022	283	7.6%
70.4%	3,734	4,020	286	7.7%
71.6%	3,696	3,951	255	6.9%
72.8%	3,688	3,847	159	4.3%
74.1%	3,587	3,788	201	5.6%
75.3%	3,585	3,784	199	5.6%
76.5%	3,563	3,740	178	5.0%
77.8%	3,497	3,698	202	5.8%
79.0%	3,491	3,687	196	5.6%
80.2%	3,441	3,445	4	0.1%
81.5%	3,413	3,387	-26	-0.8%
82.7%	3,382	3,268	-114	-3.4%
84.0%	3,342	3,176	-166	-5.0%
85.2%	3,324	3,135	-189	-5.7%
86.4%	3,263	2,966	-297	-9.1%
87.7%	3,231	2,929	-303	-9.4%
88.9%	3,209	2,918	-291	-9.1%
90.1%	3,122	2,800	-322	-10.3%
91.4%	3,059	2,666	-392	-12.8%
92.6%	3,007	2,666	-341	-11.3%
93.8%	2,861	2,512	-349	-12.2%
95.1%	2,697	2,336	-361	-13.4%
96.3%	2,650	2,130	-520	-19.6%
97.5%	1,495	1,868	372	24.9%
98.8%	1,000	1,824	824	82.4%
100.0%	750	900	150	6.7%

Percent Exceedance Probability	July		Absolute Difference (CFS)	Relative Difference (%)
	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)		
0.0%	12,198	12,155	-44	-0.4%
1.2%	11,117	11,113	-4	0.0%
2.5%	10,932	10,896	-36	-0.3%
3.7%	10,891	10,891	0	0.0%
4.9%	10,791	10,737	-54	-0.5%
6.2%	10,697	10,696	-1	0.0%
7.4%	10,650	10,650	0	0.0%
8.6%	10,515	10,609	94	0.9%
9.9%	10,498	10,513	15	0.1%
11.1%	10,348	10,495	147	1.4%
12.3%	10,226	10,269	43	0.4%
13.6%	10,124	10,112	-12	-0.1%
14.8%	10,113	10,110	-3	0.0%
16.0%	10,090	10,079	-11	-0.1%
17.3%	10,088	9,838	-250	-2.5%
18.5%	10,071	9,814	-257	-2.5%
19.8%	10,039	9,793	-255	-2.5%
21.0%	9,862	9,749	-113	-1.1%
22.2%	9,824	9,729	-95	-1.0%
23.5%	9,820	9,697	-123	-1.2%
24.7%	9,808	9,662	-146	-1.5%
25.9%	9,800	9,654	-146	-1.5%
27.2%	9,792	9,627	-165	-1.7%
28.4%	9,778	9,617	-161	-1.6%
29.6%	9,752	9,594	-158	-1.6%
30.9%	9,748	9,570	-178	-1.8%
32.1%	9,704	9,560	-144	-1.5%
33.3%	9,642	9,557	-86	-0.9%
34.6%	9,542	9,550	7	0.1%
35.8%	9,487	9,520	32	0.3%
37.0%	9,416	9,426	11	0.1%
38.3%	9,400	9,403	2	0.0%
39.5%	9,341	9,385	44	0.5%
40.7%	9,146	9,286	140	1.5%
42.0%	9,064	9,012	-51	-0.6%
43.2%	9,007	8,993	-14	-0.2%
44.4%	8,971	8,971	0	0.0%
45.7%	8,967	8,970	3	0.0%
46.9%	8,959	8,896	-63	-0.7%
48.1%	8,933	8,759	-174	-1.9%
49.4%	8,928	8,749	-179	-2.0%
50.6%	8,906	8,700	-206	-2.3%
51.9%	8,844	8,695	-150	-1.7%
53.1%	8,815	8,688	-127	-1.4%
54.3%	8,755	8,611	-144	-1.7%
55.6%	8,746	8,518	-228	-2.6%
56.8%	8,713	8,487	-226	-2.6%
58.0%	8,559	8,422	-137	-1.6%
59.3%	8,548	8,392	-156	-1.8%
60.5%	8,525	8,346	-179	-2.1%
61.7%	8,504	8,284	-219	-2.6%
63.0%	8,466	8,154	-312	-3.7%
64.2%	8,394	8,129	-265	-3.2%
65.4%	8,209	8,097	-111	-1.4%
66.7%	8,179	7,914	-265	-3.2%
67.9%	8,115	7,836	-279	-3.4%
69.1%	8,112	7,747	-365	-4.5%
70.4%	7,976	7,598	-378	-4.7%
71.6%	7,769	7,577	-192	-2.5%
72.8%	7,693	7,489	-204	-2.7%
74.1%	7,613	7,483	-130	-1.7%
75.3%	7,582	7,374	-208	-2.7%
76.5%	7,490	7,044	-447	-6.0%
77.8%	7,171	7,016	-155	-2.2%
79.0%	6,983	6,983	0	0.0%
80.2%	6,982	6,938	-44	-0.6%
81.5%	6,974	6,812	-162	-2.3%
82.7%	6,341	6,769	429	6.8%
84.0%	6,319	6,718	398	6.3%
85.2%	6,176	6,611	436	7.1%
86.4%	5,857	6,272	415	7.1%
87.7%	5,690	6,167	477	8.4%
88.9%	5,454	6,116	661	12.1%
90.1%	5,373	5,827	453	8.4%
91.4%	5,306	5,717	411	7.8%
92.6%	5,247	5,687	439	8.4%
93.8%	5,083	5,424	351	6.9%
95.1%	4,749	5,049	299	6.3%
96.3%	4,499	4,517	18	0.4%
97.5%	1,866	4,179	2,313	123.9%
98.8%	1,049	1,129	80	7.7%
100.0%	750	1,009	259	34.5%

Percent Exceedance Probability	August		Absolute Difference (CFS)	Relative Difference (%)
	No Action Alternative Monthly Flow (CFS)	Alternative C Monthly Flow (CFS)		
0.0%	9,434	9,947	513	5.4%
1.2%	8,132	8,476	344	4.1%
2.5%	8,950	9,303	353	3.9%
3.7%	8,607	8,827	220	2.6%
4.9%	8,582	8,651	69	0.8%
6.2%	8,566	8,544	-21	-0.2%
7.4%	8,534	8,514	-19	-0.2%
8.6%	8,516	8,502	0	0.0%
9.9%	8,449	8,482	33	0.4%
11.1%	8,327	8,472	145	1.7%
12.3%	8,313	8,352	39	0.5%
13.6%	8,296	8,352	56	0.7%
14.8%	8,256	8,295	39	0.5%
16.0%	8,253	8,292	39	0.5%
17.3%	8,129	8,142	13	0.2%
18.5%	7,984	8,071	88	1.1%
19.8%	7,955	8,069	114	1.4%
21.0%	7,940	8,037	97	1.2%
22.2%	7,918	7,924	7	0.1%
23.5%	7,909	7,915	6	0.1%
24.7%	7,896	7,808	-88	-1.0%
25.9%	7,865	7,657	-208	-2.7%
27.2%	7,859	7,490	-368	-4.7%
28.4%	7,771	7,486	-285	-3.7%
29.6%	7,760	7,427	-333	-4.3%
30.9%	7,744	7,381	-363	-4.7%
32.1%	7,577	7,364	-214	-2.8%
33.3%	7,528	7,337	-190	-2.5%
34.6%	7,395	7,297	-97	-1.3%
35.8%	7,358	7,248	-110	-1.5%
37.0%	7,337	7,202	-135	-1.8%
38.3%	7,308	7,184	-124	-1.7%
39.5%	7,231	7,140	-91	-1.3%
40.7%	7,150	7,083	-66	-0.9%
42.0%	7,104	7,073	-31	-0.4%
43.2%	7,080	7,053	-28	-0.4%
44.4%	6,991	7,021	32	0.5%
45.7%	6,997	6,991	-6	-0.1%
46.9%	6,890	6,925	36	0.5%
48.1%	6,804	6,871	68	1.0%
49.4%	6,798	6,746	-52	-0.8%
50.6%	6,796	6,692	-104	-1.5%
51.9%	6,795	6,668	-127	-1.9%
53.1%	6,735	6,471	-264	-3.9%
54.3%	6,663	6,104	-559	-8.4%
55.6%	6,661	6,052	-609	-9.1%
56.8%	6,541	5,938	-603	-9.2%
58.0%	6,468	5,743	-724	-11.2%
59.3%	6,400	5,692	-708	-11.1%
60.5%	6,197	5,583	-614	-9.9%
61.7%	6,172	5,539	-633	-10.2%
63.0%	6,000	5,476	-524	-8.7%
64.2%	5,783	5,389	-394	-6.8%
65.4%	5,404	5,324	-81	-1.5%
66.7%	4,998	5,150	152	3.0%
67.9%	4,794	5,049	255	5.3%
69.1%	4,773	4,865	92	1.9%
70.4%	4,759	4,823	64	1.3%
71.6%	4,729	4,805	76	1.6%
72.8%	4,446	4,693	247	5.6%
74.1%	4,257	4,594	338	7.9%
75.3%	4,064	4,576	512	12.6%
76.5%	3,810	4,504	694	18.2%
77.8%	3,739	4,496	757	20.2%
79.0%	3,632	4,477	845	23.3%
80.2%	3,300	4,444	1,144	34.7%
81.5%	3,300	4,283	983	29.2%
82.7%	3,300	4,155	855	25.9%
84.0%	3,269	3,658	389	11.9%
85.2%	2,959	3,650	690	23.3%
86.4%	2,553	3,542	989	38.7%
87.7%	2,536	3,489	953	37.6%
88.9%	2,459	3,473	1,014	41.2%
90.1%	1,943	3,146	1,473	75.8%
91.4%	1,885	3,174	-1	

Table SW-24-7a
Folsom Lake, End of Month Storage
Long-term Average and Average by Water Year Type

Analysis Period	End of Month Storage (TAF)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	477	435	448	466	487	594	719	840	810	666	582	496
Alternative C	495	449	458	475	497	602	723	843	817	692	605	520
Difference	19	15	10	9	9	7	4	3	7	26	23	24
Percent Difference ³	3.9%	3.4%	2.3%	1.9%	1.9%	1.2%	0.6%	0.3%	0.9%	3.9%	4.0%	4.9%
Water Year Types ²												
Wet (32%)												
No Action Alternative	590	505	505	520	505	634	792	964	961	867	762	600
Alternative C	603	510	509	519	505	634	792	964	960	886	770	627
Difference	13	5	3	0	0	0	0	0	-1	19	8	27
Percent Difference	2.1%	1.0%	0.7%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	2.2%	1.1%	4.5%
Above Normal (15%)												
No Action Alternative	528	474	492	516	533	649	796	966	939	744	662	559
Alternative C	552	492	502	519	536	649	796	966	942	762	679	585
Difference	25	18	10	3	3	0	0	0	3	17	18	26
Percent Difference	4.7%	3.9%	2.0%	0.5%	0.5%	0.0%	0.0%	0.0%	0.4%	2.3%	2.7%	4.7%
Below Normal (17%)												
No Action Alternative	558	508	504	500	538	635	787	928	907	685	610	565
Alternative C	573	518	510	502	546	643	787	923	905	734	661	581
Difference	15	10	6	2	8	8	0	-4	-2	49	51	17
Percent Difference	2.7%	2.0%	1.3%	0.4%	1.5%	1.3%	-0.1%	-0.5%	-0.2%	7.1%	8.4%	3.0%
Dry (22%)												
No Action Alternative	390	396	410	430	495	601	704	777	708	541	451	420
Alternative C	414	421	426	447	510	611	714	786	724	563	484	451
Difference	24	25	16	17	15	10	10	8	16	23	33	30
Percent Difference	6.1%	6.4%	3.8%	4.0%	3.1%	1.7%	1.4%	1.1%	2.3%	4.2%	7.2%	7.2%
Critical (15%)												
No Action Alternative	215	215	269	316	334	396	425	437	391	321	274	239
Alternative C	237	237	291	346	363	421	438	449	419	347	290	256
Difference	22	23	22	30	30	25	13	12	28	27	16	17
Percent Difference	10.4%	10.5%	8.3%	9.5%	8.9%	6.2%	3.1%	2.8%	7.0%	8.3%	5.7%	7.3%

¹ Based on the 82-year simulation period
² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)
³ Relative difference of the monthly average

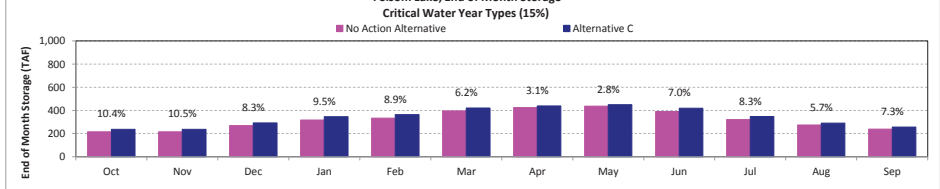
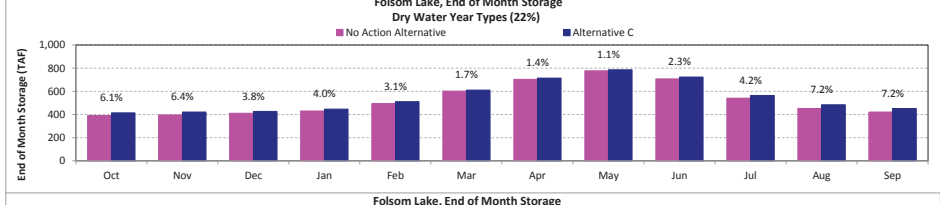
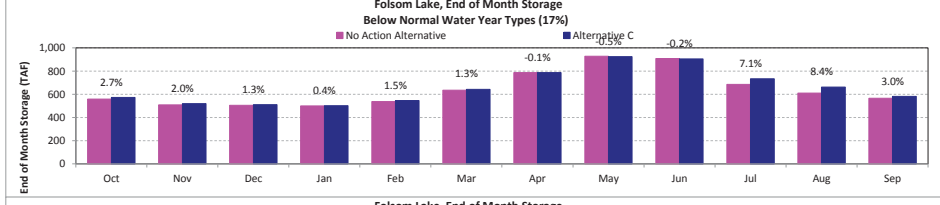
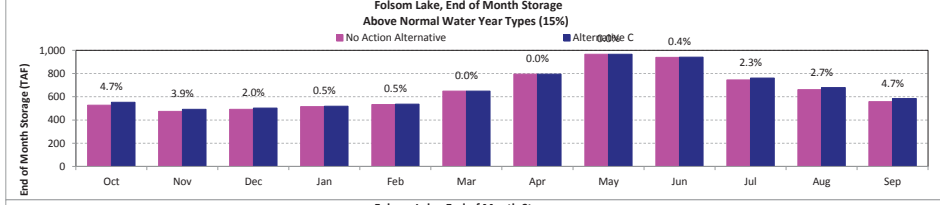
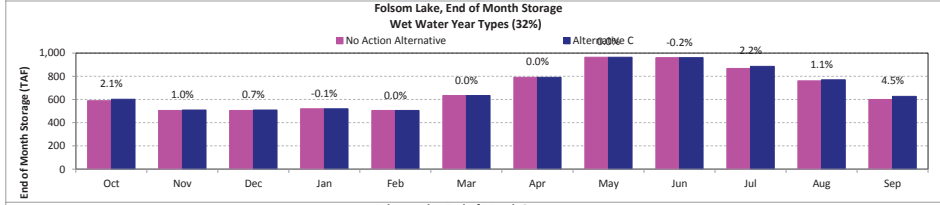
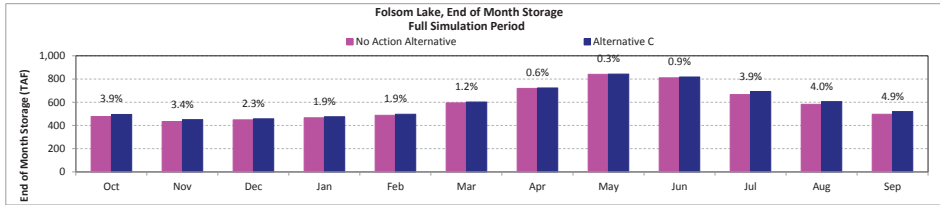


Figure SW-24-7b
Folsom Lake, End of Month Storage
Probability of Exceedance

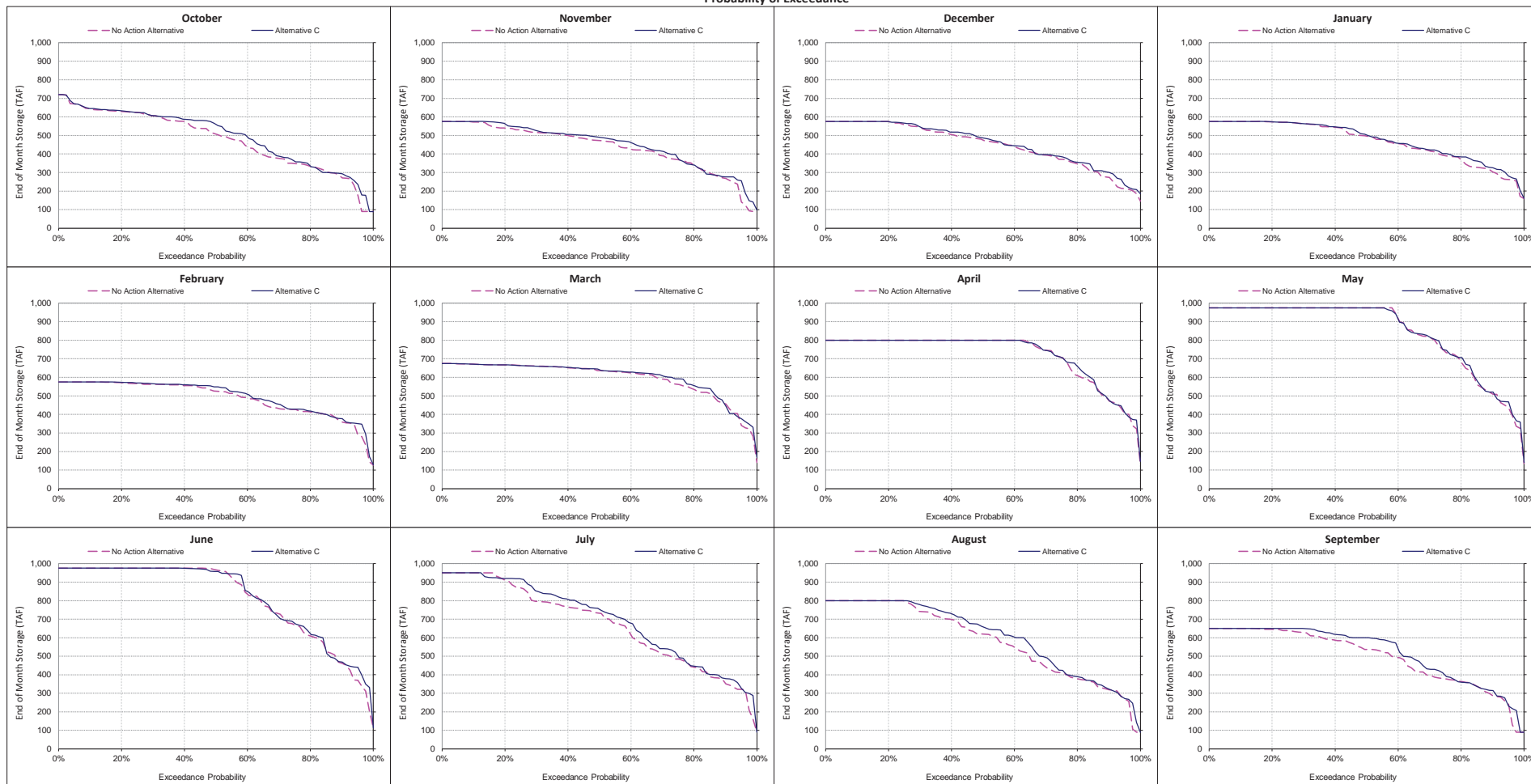


Table SW-24-7b
Folsom Lake, End of Month Storage
Probability of Exceedance

October					November					December					January				
Percent Exceedance Probability (%)	No Action Alternative End of Month Storage (TAF)	Alternative C End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	Percent Exceedance Probability (%)	No Action Alternative End of Month Storage (TAF)	Alternative C End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	Percent Exceedance Probability (%)	No Action Alternative End of Month Storage (TAF)	Alternative C End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	Percent Exceedance Probability (%)	No Action Alternative End of Month Storage (TAF)	Alternative C End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	720	720	0	0.0%	0.0%	575	575	0	0.0%	0.0%	575	575	0	0.0%	0.0%	575	575	0	0.0%
1.2%	720	720	0	0.0%	1.2%	575	575	0	0.0%	1.2%	575	575	0	0.0%	1.2%	575	575	0	0.0%
2.5%	718	718	0	0.0%	2.5%	575	575	0	0.0%	2.5%	575	575	0	0.0%	2.5%	575	575	0	0.0%
3.7%	671	688	17	2.5%	3.7%	575	575	0	0.0%	3.7%	575	575	0	0.0%	3.7%	575	575	0	0.0%
4.9%	670	670	0	0.0%	4.9%	575	575	0	0.0%	4.9%	575	575	0	0.0%	4.9%	575	575	0	0.0%
6.2%	668	668	0	0.0%	6.2%	575	575	0	0.0%	6.2%	575	575	0	0.0%	6.2%	575	575	0	0.0%
7.4%	659	659	0	0.0%	7.4%	575	575	0	0.0%	7.4%	575	575	0	0.0%	7.4%	575	575	0	0.0%
8.6%	646	651	5	0.8%	8.6%	575	575	0	0.0%	8.6%	575	575	0	0.0%	8.6%	575	575	0	0.0%
9.9%	645	645	0	0.0%	9.9%	572	575	3	0.5%	9.9%	575	575	0	0.0%	9.9%	575	575	0	0.0%
11.1%	639	644	5	0.8%	11.1%	572	575	3	0.5%	11.1%	575	575	0	0.0%	11.1%	575	575	0	0.0%
12.3%	638	642	4	0.6%	12.3%	571	575	4	0.7%	12.3%	575	575	0	0.0%	12.3%	575	575	0	0.0%
13.6%	638	640	2	0.2%	13.6%	570	575	5	0.9%	13.6%	575	575	0	0.0%	13.6%	575	575	0	0.0%
14.8%	638	639	1	0.2%	14.8%	566	575	19	3.5%	14.8%	575	575	0	0.0%	14.8%	575	575	0	0.0%
16.0%	634	637	3	0.4%	16.0%	547	572	25	4.6%	16.0%	575	575	0	0.0%	16.0%	575	575	0	0.0%
17.3%	633	636	3	0.5%	17.3%	543	572	29	5.3%	17.3%	575	575	0	0.0%	17.3%	575	575	0	0.0%
18.5%	631	635	4	0.5%	18.5%	541	570	29	5.4%	18.5%	575	575	0	0.0%	18.5%	574	575	1	0.2%
19.8%	630	634	4	0.6%	19.8%	540	566	26	4.7%	19.8%	575	575	0	0.0%	19.8%	574	574	0	0.0%
21.0%	628	631	3	0.5%	21.0%	539	551	12	2.2%	21.0%	572	571	-1	-0.1%	21.0%	572	572	0	0.0%
22.2%	626	628	2	0.3%	22.2%	537	549	12	2.2%	22.2%	567	571	4	0.6%	22.2%	571	571	0	0.0%
23.5%	624	626	2	0.3%	23.5%	531	547	16	3.0%	23.5%	567	570	3	0.4%	23.5%	571	571	0	0.0%
24.7%	624	625	1	0.2%	24.7%	530	546	16	3.0%	24.7%	567	567	0	0.0%	24.7%	571	571	0	0.0%
25.9%	623	623	0	0.0%	25.9%	528	542	14	2.6%	25.9%	558	564	6	1.1%	25.9%	570	570	0	0.0%
27.2%	615	623	8	1.2%	27.2%	522	541	20	3.7%	27.2%	551	564	13	2.4%	27.2%	568	568	0	0.0%
28.4%	613	613	0	0.0%	28.4%	517	535	17	3.4%	28.4%	549	560	12	2.1%	28.4%	566	566	0	0.0%
29.6%	605	608	3	0.4%	29.6%	517	528	11	2.2%	29.6%	548	549	1	0.1%	29.6%	564	564	0	0.0%
30.9%	605	605	0	0.0%	30.9%	516	522	7	1.3%	30.9%	536	540	4	0.7%	30.9%	562	562	0	0.0%
32.1%	599	602	3	0.5%	32.1%	513	517	4	0.7%	32.1%	528	536	8	1.6%	32.1%	560	561	1	0.2%
33.3%	592	600	8	1.3%	33.3%	513	515	2	0.4%	33.3%	527	536	9	1.7%	33.3%	560	560	0	0.0%
34.6%	581	600	19	3.3%	34.6%	512	514	2	0.4%	34.6%	520	534	14	2.8%	34.6%	554	560	6	1.1%
35.8%	581	600	19	3.3%	35.8%	511	513	2	0.5%	35.8%	518	530	12	2.2%	35.8%	547	557	9	1.7%
37.0%	579	599	20	3.4%	37.0%	509	512	3	0.6%	37.0%	518	529	11	2.1%	37.0%	547	554	7	1.3%
38.3%	577	595	19	3.2%	38.3%	511	511	0	0.0%	38.3%	515	528	13	2.5%	38.3%	545	547	2	0.3%
39.5%	576	588	12	2.1%	39.5%	501	505	4	0.7%	39.5%	507	519	12	2.4%	39.5%	544	547	3	0.5%
40.7%	574	586	12	2.0%	40.7%	497	505	8	1.6%	40.7%	502	518	16	3.2%	40.7%	543	544	1	0.2%
42.0%	551	585	34	6.1%	42.0%	495	503	9	1.8%	42.0%	495	518	23	4.6%	42.0%	540	543	3	0.6%
43.2%	540	591	41	7.6%	43.2%	497	502	5	1.0%	43.2%	493	515	22	4.5%	43.2%	527	543	16	3.0%
44.4%	539	581	41	7.6%	44.4%	486	501	15	3.1%	44.4%	493	509	16	3.3%	44.4%	507	538	31	6.2%
45.7%	538	580	43	7.9%	45.7%	481	501	20	4.1%	45.7%	490	509	19	3.9%	45.7%	505	535	30	5.9%
46.9%	537	579	42	7.9%	46.9%	478	497	19	4.0%	46.9%	485	502	17	3.4%	46.9%	502	523	21	4.2%
48.1%	518	575	58	11.1%	48.1%	474	494	20	4.2%	48.1%	483	493	11	2.2%	48.1%	500	510	10	1.9%
49.4%	510	565	55	10.7%	49.4%	473	492	19	4.1%	49.4%	481	489	8	1.7%	49.4%	507	507	0	0.0%
50.6%	504	552	49	9.7%	50.6%	472	488	17	3.5%	50.6%	470	485	15	3.1%	50.6%	494	488	4	0.8%
51.9%	496	547	51	10.4%	51.9%	468	486	18	3.9%	51.9%	469	481	11	2.4%	51.9%	492	492	0	0.0%
53.1%	494	524	30	6.0%	53.1%	466	481	15	3.3%	53.1%	464	492	27	5.8%	53.1%	479	492	12	2.6%
54.3%	485	519	35	7.2%	54.3%	465	480	14	3.1%	54.3%	462	469	7	1.4%	54.3%	479	480	1	0.2%
55.6%	477	512	34	7.2%	55.6%	448	472	24	5.3%	55.6%	457	464	7	1.6%	55.6%	478	479	1	0.2%
56.8%	473	512	38	8.1%	56.8%	436	470	35	7.9%	56.8%	455	449	-6	-1.3%	56.8%	465	471	6	1.4%
58.0%	471	510	39	8.3%	58.0%	433	470	37	8.5%	58.0%	448	446	-2	-0.4%	58.0%	460	469	9	2.0%
59.3%	446	504	58	12.9%	59.3%	433	446	13	3.0%	59.3%	446	440	-6	-1.1%	59.3%	456	460	4	0.9%
60.5%	433	484	51	11.8%	60.5%	424	458	35	8.2%	60.5%	436	444	9	2.0%	60.5%	454	457	2	0.5%
61.7%	430	477	47	10.8%	61.7%	422	448	26	6.1%	61.7%	427	443	17	3.9%	61.7%	452	456	4	0.9%
63.0%	421	455	34	8.1%	63.0%	421	441	19	4.6%	63.0%	421	441	19	4.6%	63.0%	437	453	16	3.7%
64.2%	400	446	47	11.6%	64.2%	419	438	19	4.6%	64.2%	414	426	12	3.0%	64.2%	431	444	13	3.0%
65.4%	393	444	51	13.0%	65.4%	417	428	11	2.7%	65.4%	409	425	15	3.7%	65.4%	430	437	7	1.7%
66.7%	384	414	30	7.8%	66.7%	416	423	7	1.6%	66.7%	404	401	-3	-0.8%	66.7%	428	431	3	0.8%
67.9%	382	409	27	7.1%	67.9%	407	419	12	3.0%	67.9%	396	397	1	0.3%	67.9%	426	430	4	0.9%
69.1%	378	392	13	3.5%	69.1%	393	417	24	6.2%	69.1%	395	397	2	0.5%	69.1%	422	424	2	0.4%
70.4%	376	387	11	3.0%	70.4%	390	414	24	6.0%	70.4%	394	396	2	0.4%	70.4%	415	422	7	1.6%
71.6%	372	381	9	2.4%	71.6%	377	403	26	6.9%	71.6%	389	395	6	1.5%	71.6%	412	422	10	2.5%
72.8%	350	379	29	8.4%	72.8%	373	399	25	6.7%	72.8%	388	389	1	0.3%	72.8%	400	415	15	3.8%
74.1%	350	370	20	5.8%	74.1%	372	397	25	6.8%	74.1%	372	388	16	4.4%	74.1%	394	403	9	2.2%
75.3%	348	358	10	2.8%	75.3%	369	369	-1	-0.2%	75.3%	371	404	33	8.9%	75.3%	390	402	12	3.0%
76.5%	347	357	9	2.7%	76.5%	366	361	-5	-1.3%	76.5%	367	378	11	2.9%	76.5%	387	397	10	2.5%
77.8%	345	355	10	3.0%	77.8%	354	347	-8	-2.1%	77.8%	358	365	7	1.9%	77.8%	385	387	2	0.6%
79.0%	339	350	11	3.2%	79.0%	351	343	-8	-2.2%	79.0%	352	358	6	1.6%	79.0%	384	386	2	0.5%
80.2%	331	331	0	0.0%	80.2%	336	339	3	1.0%	80.2%	345	354	9	2.7%	80.2%	366	384	18	5.0%
81.5%	328	329	0	0.0%	81.5%	326	324	-2	-0.6%	81.5%	343	354	10	3.0%	81.5%	345	364	19	5.5%
82.7%	323	314	-9	-2.7%	82.7%	312	318	6	1.9%	82.7%	329	351	22	6.7%	82.7%	333	376	43	12.8%
84.0%	315	300	-15	-4.7%	84.0%	311	292	-19	-6.2%	84.0%	308	346	38	12.3%	84.0%	330	364	34	10.4%
85.2%	303	300	-3	-1.1%	85.2%	294	291	-4	-1.2%	85.2%	305	310	5	1.6%	85.2%	328	362	34	10.3%
86.4%	298	298	0	0.0%	86.4%	290	286	-4	-1.2%	86.4%	302	310	7	2.4%	86.4%	325	356	31	9.6%
87.7%	297	297	0	0.0%	87.7%	278	285	7	2.7%	87.7%	277	310	32	11.7%	87.7%	323	333	10	3.2%
88.9%	288	296	8	2.8%	88.9%	272	278	6	2.2%	88.9%	277	305	28	10.3%	88.9%	317	328	11	3.5%
90.1%	270	294	23	8.7%	90.1%	268	300	27	9.5%	90.1%	273	325	52	19.1%</					

Table SW-24-7b
Folsom Lake, End of Month Storage
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative End of Month Storage (TAF)	Alternative C End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	575	575	0	0.0%
1.2%	575	575	0	0.0%
2.5%	575	575	0	0.0%
3.7%	575	575	0	0.0%
4.9%	575	575	0	0.0%
6.2%	575	575	0	0.0%
7.4%	575	575	0	0.0%
8.6%	575	575	0	0.0%
9.9%	575	575	0	0.0%
11.1%	575	575	0	0.0%
12.3%	575	575	0	0.0%
13.6%	575	575	0	0.0%
14.8%	574	575	1	0.2%
16.0%	574	575	1	0.2%
17.3%	574	575	1	0.2%
18.5%	572	574	2	0.3%
19.8%	572	574	2	0.3%
21.0%	570	573	3	0.5%
22.2%	568	572	4	0.7%
23.5%	566	572	6	1.1%
24.7%	566	570	4	0.7%
25.9%	566	569	3	0.6%
27.2%	563	568	5	0.9%
28.4%	563	568	5	0.9%
29.6%	563	566	3	0.5%
30.9%	563	566	3	0.5%
32.1%	562	563	1	0.2%
33.3%	562	563	1	0.2%
34.6%	560	563	3	0.5%
35.8%	559	563	4	0.7%
37.0%	559	562	3	0.5%
38.3%	559	562	3	0.5%
39.5%	556	560	4	0.7%
40.7%	556	560	4	0.7%
42.0%	555	559	4	0.7%
43.2%	554	559	5	0.9%
44.4%	548	556	8	1.5%
45.7%	544	556	12	2.3%
46.9%	543	555	12	2.2%
48.1%	533	554	21	4.0%
49.4%	526	549	23	4.2%
50.6%	525	548	23	4.4%
51.9%	524	544	20	3.8%
53.1%	522	543	21	4.0%
54.3%	514	526	12	2.4%
55.6%	513	524	11	2.1%
56.8%	504	522	18	3.5%
58.0%	493	519	26	5.2%
59.3%	491	513	23	4.6%
60.5%	484	505	21	4.4%
61.7%	484	488	4	0.8%
63.0%	478	484	6	1.3%
64.2%	471	484	13	2.8%
65.4%	451	478	27	6.1%
66.7%	443	475	32	7.3%
67.9%	437	468	31	7.1%
69.1%	435	458	23	5.2%
70.4%	430	453	24	5.5%
71.6%	429	441	12	2.8%
72.8%	429	430	1	0.2%
74.1%	427	429	2	0.5%
75.3%	427	429	2	0.5%
76.5%	417	429	11	2.7%
77.8%	416	427	11	2.6%
79.0%	416	420	4	1.0%
80.2%	413	417	5	1.2%
81.5%	412	412	0	0.0%
82.7%	408	408	0	0.0%
84.0%	404	404	0	0.0%
85.2%	400	400	0	0.0%
86.4%	400	389	-11	-2.7%
87.7%	386	388	-2	-0.5%
88.9%	370	379	9	2.5%
90.1%	359	376	17	4.8%
91.4%	355	359	4	1.2%
92.6%	353	355	2	0.6%
93.8%	350	353	3	0.9%
95.1%	289	350	61	21.1%
96.3%	281	347	66	23.6%
97.5%	236	295	59	24.9%
98.8%	144	172	28	17.1%
100.0%	127	128	2	1.5%

March				
Percent Exceedance Probability (%)	No Action Alternative End of Month Storage (TAF)	Alternative C End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	675	675	0	0.0%
1.2%	675	675	0	0.0%
2.5%	675	675	0	0.0%
3.7%	675	675	0	0.0%
4.9%	673	673	0	0.0%
6.2%	673	673	0	0.0%
7.4%	673	673	0	0.0%
8.6%	672	672	0	0.0%
9.9%	672	672	0	0.0%
11.1%	670	670	0	0.0%
12.3%	669	669	0	0.0%
13.6%	669	669	0	0.0%
14.8%	668	668	0	0.0%
16.0%	668	668	0	0.0%
17.3%	667	667	0	0.0%
18.5%	667	667	0	0.0%
19.8%	667	667	0	0.0%
21.0%	667	667	0	0.0%
22.2%	666	666	-1	-0.1%
23.5%	666	664	-2	-0.3%
24.7%	664	664	0	0.0%
25.9%	664	662	-2	-0.3%
27.2%	662	662	0	0.0%
28.4%	662	661	-1	-0.2%
29.6%	661	661	0	0.0%
30.9%	660	660	0	0.0%
32.1%	660	659	-1	-0.2%
33.3%	659	658	-1	-0.1%
34.6%	658	658	0	0.0%
35.8%	657	657	0	0.0%
37.0%	656	656	0	0.0%
38.3%	656	656	0	0.0%
39.5%	653	654	1	0.1%
40.7%	650	653	3	0.5%
42.0%	650	651	2	0.2%
43.2%	647	650	3	0.5%
44.4%	647	647	0	0.0%
45.7%	647	647	0	0.0%
46.9%	646	647	1	0.1%
48.1%	645	646	1	0.2%
49.4%	637	645	8	1.3%
50.6%	636	637	1	0.1%
51.9%	634	635	1	0.2%
53.1%	634	634	0	0.0%
54.3%	633	634	1	0.2%
55.6%	629	634	5	0.8%
56.8%	628	632	4	0.7%
58.0%	628	629	1	0.2%
59.3%	625	628	3	0.5%
60.5%	622	628	6	1.0%
61.7%	621	625	4	0.6%
63.0%	617	624	7	1.1%
64.2%	615	622	7	1.1%
65.4%	615	621	6	1.0%
66.7%	612	620	8	1.3%
67.9%	600	615	15	2.5%
69.1%	592	615	23	3.9%
70.4%	590	607	17	2.8%
71.6%	588	602	14	2.4%
72.8%	566	600	34	6.0%
74.1%	564	592	29	5.1%
75.3%	561	592	31	5.6%
76.5%	554	590	36	6.5%
77.8%	551	564	13	2.3%
79.0%	542	561	19	3.6%
80.2%	533	554	21	4.0%
81.5%	520	546	26	5.1%
82.7%	520	543	23	4.5%
84.0%	519	541	22	4.2%
85.2%	512	539	27	5.3%
86.4%	492	511	19	3.9%
87.7%	486	488	18	3.8%
88.9%	464	480	16	3.3%
90.1%	456	445	-11	-2.4%
91.4%	428	405	-23	-5.3%
92.6%	406	405	-1	-0.2%
93.8%	405	388	-17	-4.1%
95.1%	341	377	36	10.6%
96.3%	400	362	-34	-10.4%
97.5%	322	347	26	8.0%
98.8%	282	330	48	17.1%
100.0%	141	169	28	19.8%

April				
Percent Exceedance Probability (%)	No Action Alternative End of Month Storage (TAF)	Alternative C End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	800	800	0	0.0%
1.2%	800	800	0	0.0%
2.5%	800	800	0	0.0%
3.7%	800	800	0	0.0%
4.9%	800	800	0	0.0%
6.2%	800	800	0	0.0%
7.4%	800	800	0	0.0%
8.6%	800	800	0	0.0%
9.9%	800	800	0	0.0%
11.1%	800	800	0	0.0%
12.3%	800	800	0	0.0%
13.6%	800	800	0	0.0%
14.8%	800	800	0	0.0%
16.0%	800	800	0	0.0%
17.3%	800	800	0	0.0%
18.5%	800	800	0	0.0%
19.8%	800	800	0	0.0%
21.0%	800	800	0	0.0%
22.2%	800	800	0	0.0%
23.5%	800	800	0	0.0%
24.7%	800	800	0	0.0%
25.9%	800	800	0	0.0%
27.2%	800	800	0	0.0%
28.4%	800	800	0	0.0%
29.6%	800	800	0	0.0%
30.9%	800	800	0	0.0%
32.1%	800	800	0	0.0%
33.3%	800	800	0	0.0%
34.6%	800	800	0	0.0%
35.8%	800	800	0	0.0%
37.0%	800	800	0	0.0%
38.3%	800	800	0	0.0%
39.5%	800	800	0	0.0%
40.7%	800	800	0	0.0%
42.0%	800	800	0	0.0%
43.2%	800	800	0	0.0%
44.4%	800	800	0	0.0%
45.7%	800	800	0	0.0%
46.9%	800	800	0	0.0%
48.1%	800	800	0	0.0%
49.4%	800	800	0	0.0%
50.6%	800	800	0	0.0%
51.9%	800	800	0	0.0%
53.1%	800	800	0	0.0%
54.3%	800	800	0	0.0%
55.6%	800	800	0	0.0%
56.8%	800	800	0	0.0%
58.0%	800	800	0	0.0%
59.3%	800	800	0	0.0%
60.5%	800	800	0	0.0%
61.7%	800	800	0	0.0%
63.0%	800	791	-9	-1.1%
64.2%	792	785	-6	-0.8%
65.4%	785	785	0	0.0%
66.7%	766	779	13	1.7%
67.9%	757	765	8	1.1%
69.1%	747	746	0	0.0%
70.4%	745	744	-1	-0.1%
71.6%	744	739	-6	-0.8%
72.8%	718	717	-1	-0.1%
74.1%	712	712	0	0.0%
75.3%	705	705	0	0.0%
76.5%	684	683	-1	-0.1%
77.8%	645	679	34	5.2%
79.0%	615	676	61	9.9%
80.2%	607	655	48	7.9%
81.5%	597	632	35	5.8%
82.7%	596	615	19	3.2%
84.0%	578	602	24	4.2%
85.2%	572	588	14	2.5%
86.4%	536	528	-8	-1.5%
87.7%	506	514	8	1.6%
88.9%	497	500	3	0.7%
90.1%	472	475	3	0.7%
91.4%	464	469	5	1.0%
92.6%	460	451	-9	-2.1%
93.8%	434	446	13	3.0%
95.1%	403	409	6	1.6%
96.3%	400	387	-13	-3.3%
97.5%	339	372	33	9.8%
98.8%	322	371	49	15.1%
100.0%	128	147	18	14.3%

May				
Percent Exceedance Probability (%)	No Action Alternative End of Month Storage (TAF)	Alternative C End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	975	975	0	0.0%
1.2%	975	975	0	0.0%
2.5%	975	975	0	0.0%
3.7%	975	975	0	0.0%
4.9%	975	975	0	0.0%
6.2%	975	975	0	0.0%
7.4%	975	975	0	0.0%
8.6%	975	975	0	0.0%
9.9%	975	975	0	0.0%
11.1%	975	975	0	0.0%
12.3%	975	975	0	0.0%
13.6%	975	975	0	0.0%
14.8%	975	975	0	0.0%
16.0%	975	975	0	0.0%
17.3%	975	975	0	0.0%
18.5%	975	975	0	0.0%
19.8%	975	975	0	0.0%
21.0%	975	975	0	0.0%
22.2%	975	975	0	0.0%
23.5%	975	975	0	0.0%
24.7%	975	975		

Table SW-24-7b
Folsom Lake, End of Month Storage
Probability of Exceedance

June					July					August					September				
Percent Exceedance Probability (%)	No Action Alternative End of Month Storage (TAF)	Alternative C End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	Percent Exceedance Probability (%)	No Action Alternative End of Month Storage (TAF)	Alternative C End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	Percent Exceedance Probability (%)	No Action Alternative End of Month Storage (TAF)	Alternative C End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)	Percent Exceedance Probability (%)	No Action Alternative End of Month Storage (TAF)	Alternative C End of Month Storage (TAF)	Absolute Difference (TAF)	Relative Difference (%)
0.0%	975	975	0	0.0%	0.0%	950	950	0	0.0%	0.0%	800	800	0	0.0%	0.0%	650	650	0	0.0%
1.2%	975	975	0	0.0%	1.2%	950	950	0	0.0%	1.2%	800	800	0	0.0%	1.2%	650	650	0	0.0%
2.5%	975	975	0	0.0%	2.5%	950	950	0	0.0%	2.5%	800	800	0	0.0%	2.5%	650	650	0	0.0%
3.7%	975	975	0	0.0%	3.7%	950	950	0	0.0%	3.7%	800	800	0	0.0%	3.7%	650	650	0	0.0%
4.9%	975	975	0	0.0%	4.9%	950	950	0	0.0%	4.9%	800	800	0	0.0%	4.9%	650	650	0	0.0%
6.2%	975	975	0	0.0%	6.2%	950	950	0	0.0%	6.2%	800	800	0	0.0%	6.2%	650	650	0	0.0%
7.4%	975	975	0	0.0%	7.4%	950	950	0	0.0%	7.4%	800	800	0	0.0%	7.4%	650	650	0	0.0%
8.6%	975	975	0	0.0%	8.6%	950	950	0	0.0%	8.6%	800	800	0	0.0%	8.6%	650	650	0	0.0%
9.9%	975	975	0	0.0%	9.9%	950	950	0	0.0%	9.9%	800	800	0	0.0%	9.9%	650	650	0	0.0%
11.1%	975	975	0	0.0%	11.1%	950	950	0	0.0%	11.1%	800	800	0	0.0%	11.1%	650	650	0	0.0%
12.3%	975	975	0	0.0%	12.3%	950	950	0	0.0%	12.3%	800	800	0	0.0%	12.3%	650	650	0	0.0%
13.6%	975	975	0	0.0%	13.6%	950	930	-20	-2.1%	13.6%	800	800	0	0.0%	13.6%	650	650	0	0.0%
14.8%	975	975	0	0.0%	14.8%	950	926	-24	-2.5%	14.8%	800	800	0	0.0%	14.8%	650	650	0	0.1%
16.0%	975	975	0	0.0%	16.0%	950	924	-26	-2.7%	16.0%	800	800	0	0.0%	16.0%	648	650	2	0.3%
17.3%	975	975	0	0.0%	17.3%	933	924	-9	-0.9%	17.3%	800	800	0	0.0%	17.3%	646	650	4	0.6%
18.5%	975	975	0	0.0%	18.5%	924	919	-5	-0.5%	18.5%	800	800	0	0.0%	18.5%	645	650	5	0.8%
19.8%	975	975	0	0.0%	19.8%	913	919	7	0.7%	19.8%	800	800	0	0.0%	19.8%	645	650	5	0.8%
21.0%	975	975	0	0.0%	21.0%	908	919	11	1.3%	21.0%	800	800	0	0.0%	21.0%	644	650	6	0.9%
22.2%	975	975	0	0.0%	22.2%	886	919	34	3.8%	22.2%	800	800	0	0.0%	22.2%	644	650	6	0.9%
23.5%	975	975	0	0.0%	23.5%	874	918	45	5.1%	23.5%	800	800	0	0.0%	23.5%	638	650	12	1.8%
24.7%	975	975	0	0.0%	24.7%	871	918	47	5.5%	24.7%	800	800	0	0.0%	24.7%	638	650	12	1.8%
25.9%	975	975	0	0.0%	25.9%	864	914	50	5.8%	25.9%	791	800	9	1.1%	25.9%	637	650	13	2.0%
27.2%	975	975	0	0.0%	27.2%	845	891	45	5.4%	27.2%	781	794	13	1.7%	27.2%	633	650	17	2.6%
28.4%	975	975	0	0.0%	28.4%	802	879	76	7.9%	28.4%	785	786	21	2.7%	28.4%	630	650	20	3.2%
29.6%	975	975	0	0.0%	29.6%	797	855	58	7.2%	29.6%	742	780	39	5.2%	29.6%	629	650	21	3.3%
30.9%	975	975	0	0.0%	30.9%	795	847	53	6.6%	30.9%	741	774	33	4.4%	30.9%	628	649	24	3.8%
32.1%	975	975	0	0.0%	32.1%	794	839	45	5.7%	32.1%	739	769	30	4.0%	32.1%	629	647	37	6.0%
33.3%	975	975	0	0.0%	33.3%	792	838	46	5.9%	33.3%	738	762	25	3.3%	33.3%	609	645	36	5.9%
34.6%	975	975	0	0.0%	34.6%	788	836	48	6.1%	34.6%	719	757	38	5.3%	34.6%	608	636	28	4.7%
35.8%	975	975	0	0.0%	35.8%	782	830	47	6.0%	35.8%	714	748	33	4.7%	35.8%	600	633	33	5.6%
37.0%	975	975	0	0.0%	37.0%	780	819	39	5.0%	37.0%	708	742	34	5.1%	37.0%	593	627	34	5.8%
38.3%	975	975	0	0.0%	38.3%	771	812	40	5.2%	38.3%	701	736	35	4.9%	38.3%	591	626	35	5.9%
39.5%	975	975	0	0.0%	39.5%	769	810	40	5.3%	39.5%	700	732	32	4.6%	39.5%	589	620	31	5.3%
40.7%	975	975	0	0.0%	40.7%	763	803	40	5.2%	40.7%	696	724	28	4.0%	40.7%	585	617	32	5.5%
42.0%	975	974	-1	-0.1%	42.0%	760	803	42	5.5%	42.0%	688	712	24	3.4%	42.0%	584	616	32	5.4%
43.2%	975	973	-2	-0.2%	43.2%	759	792	33	4.3%	43.2%	682	710	28	5.0%	43.2%	582	612	28	4.5%
44.4%	975	972	-3	-0.3%	44.4%	748	780	32	4.2%	44.4%	657	696	39	6.0%	44.4%	575	602	28	4.8%
45.7%	975	970	-5	-0.5%	45.7%	747	779	32	4.3%	45.7%	640	677	37	5.8%	45.7%	567	600	33	5.9%
46.9%	974	969	-6	-0.6%	46.9%	746	763	17	2.3%	46.9%	634	675	40	6.3%	46.9%	555	600	45	8.1%
48.1%	973	959	-14	-1.5%	48.1%	737	760	24	3.2%	48.1%	620	674	54	8.7%	48.1%	547	600	53	9.6%
49.4%	969	959	-10	-1.1%	49.4%	733	760	27	3.6%	49.4%	611	663	52	8.5%	49.4%	537	600	63	11.8%
50.6%	964	957	-6	-0.6%	50.6%	731	746	15	2.1%	50.6%	618	654	35	5.7%	50.6%	537	600	63	11.7%
51.9%	960	947	-12	-1.3%	51.9%	703	737	34	4.8%	51.9%	618	646	28	4.6%	51.9%	536	597	61	11.3%
53.1%	957	947	-10	-1.1%	53.1%	700	729	30	4.3%	53.1%	608	643	36	5.9%	53.1%	534	595	61	11.4%
54.3%	937	946	8	0.9%	54.3%	679	726	47	7.0%	54.3%	603	643	40	6.7%	54.3%	528	591	63	11.9%
55.6%	914	946	32	3.5%	55.6%	679	712	33	4.9%	55.6%	574	642	68	11.8%	55.6%	520	599	69	13.2%
56.8%	895	944	49	5.4%	56.8%	669	706	38	5.7%	56.8%	573	614	41	7.2%	56.8%	518	584	65	12.6%
58.0%	885	937	52	5.9%	58.0%	663	700	37	5.5%	58.0%	562	613	52	9.2%	58.0%	498	576	77	15.5%
59.3%	845	855	11	1.3%	59.3%	636	683	47	7.4%	59.3%	556	608	52	9.4%	59.3%	494	572	78	15.8%
60.5%	828	845	17	2.0%	60.5%	600	675	75	12.5%	60.5%	543	600	57	10.6%	60.5%	492	522	30	6.2%
61.7%	827	825	-2	-0.2%	61.7%	598	639	51	8.7%	61.7%	528	600	72	13.7%	61.7%	482	499	17	3.8%
63.0%	823	813	-10	-1.3%	63.0%	628	628	56	9.9%	63.0%	528	600	72	14.7%	63.0%	448	498	50	11.2%
64.2%	798	807	9	1.1%	64.2%	568	600	32	5.7%	64.2%	517	577	59	11.4%	64.2%	437	495	58	13.3%
65.4%	771	793	21	2.8%	65.4%	542	586	44	8.1%	65.4%	474	553	79	16.6%	65.4%	420	481	61	14.5%
66.7%	766	775	10	1.2%	66.7%	539	565	26	4.8%	66.7%	472	523	51	10.8%	66.7%	416	473	58	13.8%
67.9%	735	742	7	0.9%	67.9%	532	562	31	5.8%	67.9%	472	500	29	6.0%	67.9%	415	450	34	8.2%
69.1%	733	725	-9	-1.2%	69.1%	519	542	23	4.4%	69.1%	452	498	47	10.3%	69.1%	399	433	34	8.4%
70.4%	726	703	-23	-3.2%	70.4%	509	541	32	6.4%	70.4%	436	491	55	12.5%	70.4%	395	429	34	8.5%
71.6%	703	695	-8	-1.1%	71.6%	505	540	35	6.9%	71.6%	426	471	45	10.5%	71.6%	387	429	41	10.7%
72.8%	679	691	13	1.9%	72.8%	497	535	37	7.4%	72.8%	415	448	33	7.8%	72.8%	383	423	40	10.3%
74.1%	676	689	13	1.9%	74.1%	495	521	26	5.3%	74.1%	412	425	13	3.1%	74.1%	379	411	32	8.4%
75.3%	667	673	6	0.9%	75.3%	484	492	8	1.7%	75.3%	409	423	14	3.5%	75.3%	377	390	13	3.5%
76.5%	661	666	5	0.8%	76.5%	476	490	13	2.8%	76.5%	401	400	-1	-0.3%	76.5%	373	386	13	3.5%
77.8%	628	661	33	5.3%	77.8%	466	464	-2	-0.4%	77.8%	387	398	11	2.8%	77.8%	371	374	3	0.8%
79.0%	614	640	26	4.2%	79.0%	444	449	6	1.3%	79.0%	381	392	11	2.9%	79.0%	365	363	-2	-0.5%
80.2%	608	616	8	1.3%	80.2%	440	446	7	1.6%	80.2%	378	389	11	3.0%	80.2%	364	359	-5	-1.3%
81.5%	600	613	13	2.1%	81.5%	438	443	5	1.1%	81.5%	374	384	10	2.7%	81.5%	360	359	-1	-0.3%
82.7%	595	605	10	1.7%	82.7%	417	442	25	6.1%	82.7%	371	371	0	-0.1%	82.7%	357	356	-1	-0.2%
84.0%	576	599	23	4.0%	84.0%	415	406	-8	-2.0%	84.0%	365	369	4	1.1%	84.0%	348	345	-2	-0.7%
85.2%	524	514	-10	-1.9%	85.2%	389	401	12	3.1%	85.2%	361	366	5	1.3%	85.2%	336	336	0	-0.1%
86.4%	517	494	-23	-4.5%	86.4%	384	401	18	4.6%	86.4%	336	349	13	3.9%	86.4%	325	325	0	0.1%
87.7%	507	489	-18	-3.6%	87.7%	383	398	15	4.0%	87.7%	330	344	14	4.2%	87.7%	309	321	12	3.9%
88.9%	468	471	3	0.7%	88.9%	379	384	5	1.3%	88.9%	324	331	8	2.3%	88.9%	300	316	16	5.3%
90.1%	461	469	7	1.6%	90.1%	351	380												

Table SW-25-7a
Folsom Lake, End of Month Elevation
Long-term Average and Average by Water Year Type

Analysis Period	End of Month Elevation (FEET)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	410	404	407	410	413	426	439	451	448	432	422	412
Alternative C	413	407	409	411	414	427	440	452	449	435	426	416
Difference	3	3	2	1	1	1	1	0	1	3	3	4
Percent Difference ³	0.7%	0.6%	0.4%	0.3%	0.3%	0.2%	0.1%	0.1%	0.2%	0.7%	0.8%	0.9%
Water Year Types²												
Wet (32%)												
No Action Alternative	426	416	416	417	416	432	448	465	464	455	445	427
Alternative C	428	416	416	417	416	432	448	465	464	457	446	431
Difference	2	1	0	0	0	0	0	0	0	2	1	3
Percent Difference	0.4%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.2%	0.8%
Above Normal (15%)												
No Action Alternative	418	412	414	417	419	433	448	465	462	443	434	422
Alternative C	421	414	415	417	419	433	448	465	463	445	436	426
Difference	3	2	1	0	0	0	0	0	0	2	2	3
Percent Difference	0.7%	0.6%	0.3%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.4%	0.5%	0.8%
Below Normal (17%)												
No Action Alternative	422	416	415	415	420	432	448	461	459	436	428	423
Alternative C	424	417	416	415	421	433	448	461	459	441	434	425
Difference	2	1	1	0	1	1	0	0	0	5	6	2
Percent Difference	0.5%	0.3%	0.2%	0.1%	0.2%	0.2%	0.0%	-0.1%	0.0%	1.2%	1.3%	0.5%
Dry (22%)												
No Action Alternative	400	401	403	406	414	428	439	446	439	419	408	404
Alternative C	403	404	405	408	416	429	440	447	441	422	412	408
Difference	3	3	2	2	2	1	1	1	2	3	4	4
Percent Difference	0.8%	0.8%	0.6%	0.6%	0.5%	0.3%	0.3%	0.2%	0.4%	0.6%	1.0%	1.0%
Critical (15%)												
No Action Alternative	365	365	379	388	390	400	403	405	398	387	377	370
Alternative C	372	373	384	393	394	404	406	407	402	392	382	375
Difference	7	8	5	5	5	4	2	2	5	5	5	5
Percent Difference	1.9%	2.1%	1.3%	1.4%	1.3%	1.0%	0.6%	0.5%	1.1%	1.3%	1.3%	1.4%

¹ Based on the 82-year simulation period
² As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)
³ Relative difference of the monthly average

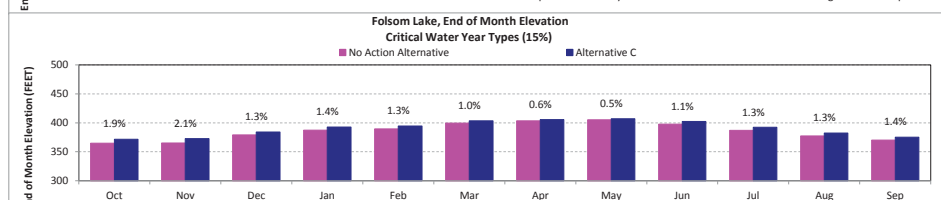
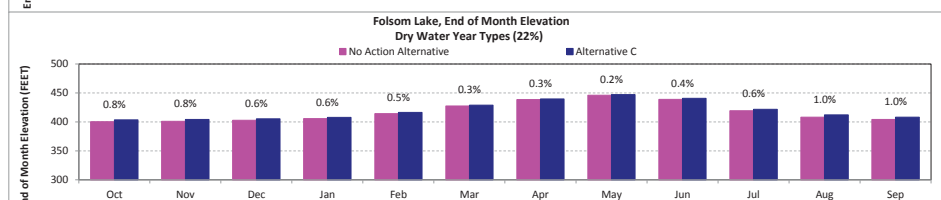
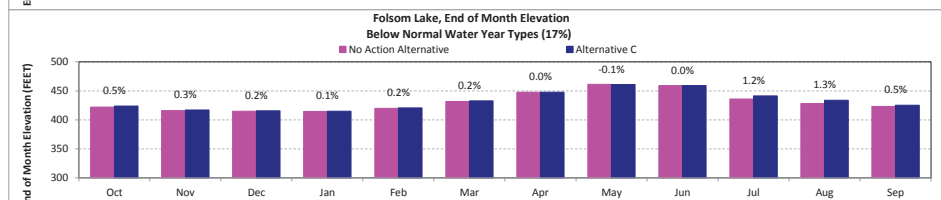
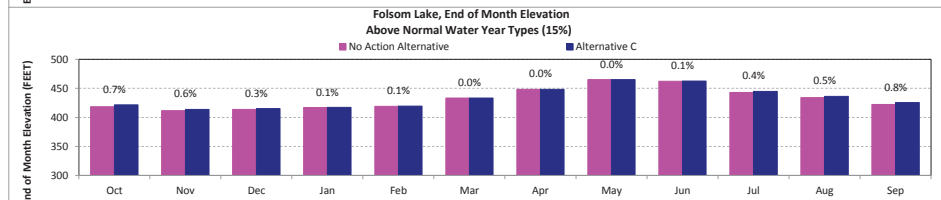
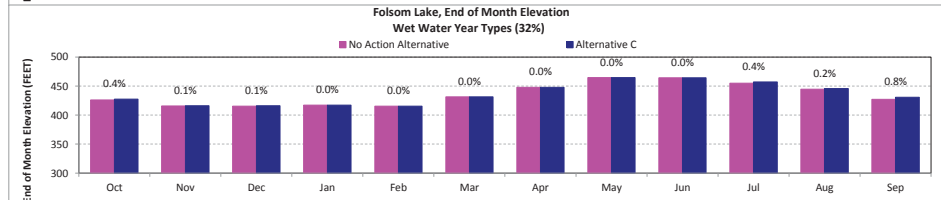
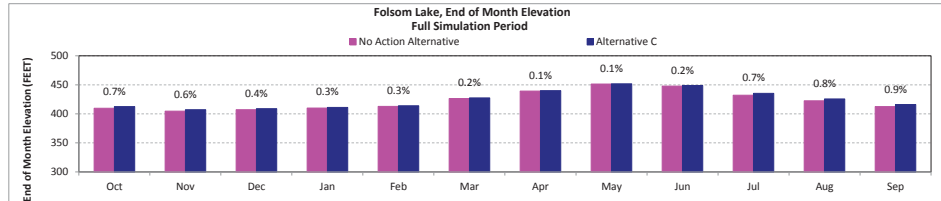


Figure SW-25-7b
Folsom Lake, End of Month Elevation
Probability of Exceedance

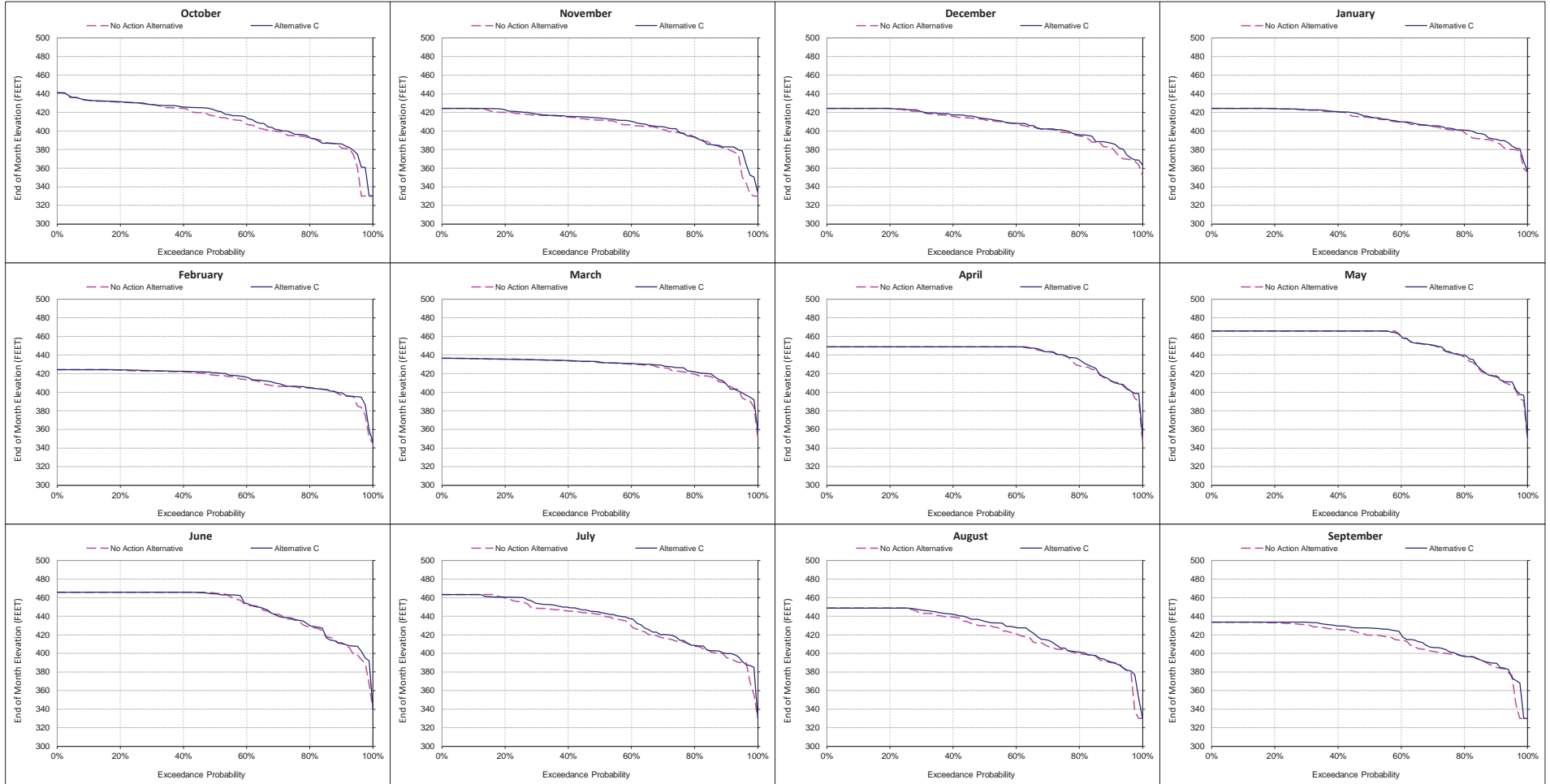


Table SW-25-7b
Folsom Lake, End of Month Elevation
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)
0.0%	441	441	0	0.0%
1.2%	441	441	0	0.0%
2.5%	441	441	0	0.0%
3.7%	436	438	2	0.4%
4.9%	436	436	0	0.0%
6.2%	436	436	0	0.0%
7.4%	435	435	0	0.0%
8.6%	433	434	1	0.1%
9.9%	433	433	0	0.0%
11.1%	432	433	1	0.1%
12.3%	432	433	0	0.1%
13.6%	432	432	0	0.0%
14.8%	432	432	0	0.0%
16.0%	432	432	0	0.1%
17.3%	431	432	0	0.1%
18.5%	431	432	0	0.1%
19.8%	431	432	1	0.1%
21.0%	431	431	0	0.1%
22.2%	431	421	0	0.0%
23.5%	430	431	0	0.1%
24.7%	430	430	0	0.0%
25.9%	430	430	0	0.0%
27.2%	429	430	1	0.2%
28.4%	429	429	0	0.0%
29.6%	428	428	0	0.1%
30.9%	428	428	0	0.0%
32.1%	427	428	0	0.1%
33.3%	426	427	1	0.2%
34.6%	425	427	2	0.5%
35.8%	425	427	2	0.6%
37.0%	425	427	2	0.6%
38.3%	425	427	2	0.5%
39.5%	424	426	1	0.3%
40.7%	424	426	1	0.3%
42.0%	421	426	4	1.0%
43.2%	420	425	4	1.2%
44.4%	420	425	5	1.2%
45.7%	420	425	5	1.2%
46.9%	420	425	5	1.2%
48.1%	417	424	7	1.7%
49.4%	416	423	7	1.6%
50.6%	416	422	6	1.4%
51.9%	415	421	6	1.5%
53.1%	414	418	4	0.9%
54.3%	413	417	4	1.0%
55.6%	412	417	4	1.0%
56.8%	412	416	5	1.2%
58.0%	411	416	5	1.2%
59.3%	408	416	7	1.7%
60.5%	407	413	6	1.6%
61.7%	406	412	6	1.4%
63.0%	404	405	5	1.3%
64.2%	403	408	6	1.4%
65.4%	402	408	6	1.6%
66.7%	401	404	4	0.9%
67.9%	400	404	4	0.9%
69.1%	400	402	2	0.5%
70.4%	399	401	2	0.5%
71.6%	399	400	1	0.3%
72.8%	395	400	5	1.2%
74.1%	395	398	3	0.8%
75.3%	395	396	2	0.4%
76.5%	395	396	2	0.4%
77.8%	394	396	2	0.4%
79.0%	393	395	2	0.5%
80.2%	392	392	0	0.0%
81.5%	392	392	0	0.0%
82.7%	391	389	-1	-0.4%
84.0%	389	387	-2	-0.6%
85.2%	388	387	-1	-0.1%
86.4%	387	387	0	0.0%
87.7%	387	385	-2	-0.5%
88.9%	385	386	1	0.3%
90.1%	382	386	4	1.1%
91.4%	381	384	2	0.6%
92.6%	381	382	1	0.3%
93.8%	374	375	5	1.3%
95.1%	361	375	14	4.0%
96.3%	330	361	31	9.4%
97.5%	330	361	31	9.3%
98.8%	330	330	0	0.0%
100.0%	330	330	0	0.0%

November				
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)
0.0%	424	424	0	0.0%
1.2%	424	424	0	0.0%
2.5%	424	424	0	0.0%
3.7%	424	424	0	0.0%
4.9%	424	424	0	0.0%
6.2%	424	424	0	0.0%
7.4%	424	424	0	0.0%
8.6%	424	424	0	0.0%
9.9%	424	424	0	0.1%
11.1%	424	424	0	0.1%
12.3%	424	424	0	0.1%
13.6%	424	424	1	0.2%
14.8%	422	424	2	0.6%
16.0%	421	424	3	0.7%
17.3%	420	424	4	0.8%
18.5%	420	424	4	0.9%
19.8%	420	423	3	0.7%
21.0%	420	421	1	0.3%
22.2%	420	421	1	0.3%
23.5%	419	421	2	0.5%
24.7%	419	421	2	0.5%
25.9%	419	420	2	0.4%
27.2%	418	420	2	0.6%
28.4%	417	420	2	0.5%
29.6%	417	419	1	0.3%
30.9%	417	418	1	0.2%
32.1%	417	420	0	0.1%
33.3%	417	417	0	0.1%
34.6%	416	417	0	0.1%
35.8%	416	417	0	0.1%
37.0%	416	417	0	0.1%
38.3%	415	417	1	0.3%
39.5%	415	416	0	0.1%
40.7%	415	416	0	0.2%
42.0%	414	415	1	0.3%
43.2%	413	415	2	0.5%
44.4%	413	415	2	0.5%
45.7%	413	415	2	0.6%
46.9%	412	415	2	0.6%
48.1%	412	414	2	0.6%
49.4%	412	414	2	0.6%
50.6%	412	414	2	0.5%
51.9%	411	413	2	0.5%
53.1%	411	413	2	0.5%
54.3%	411	413	2	0.4%
55.6%	409	412	3	0.7%
56.8%	407	411	4	1.0%
58.0%	407	411	5	1.1%
59.3%	407	411	4	1.0%
60.5%	406	410	4	1.1%
61.7%	405	409	3	0.8%
63.0%	405	408	2	0.6%
64.2%	405	407	2	0.6%
65.4%	405	406	1	0.3%
66.7%	405	406	1	0.2%
67.9%	404	405	2	0.4%
69.1%	402	405	3	0.7%
70.4%	401	404	3	0.7%
71.6%	400	403	4	0.9%
72.8%	399	403	4	0.9%
74.1%	399	402	4	0.9%
75.3%	398	398	0	0.0%
76.5%	398	397	-1	-0.2%
77.8%	396	395	-1	-0.3%
79.0%	395	394	-1	-0.3%
80.2%	393	393	1	0.1%
81.5%	391	391	0	-0.1%
82.7%	389	390	1	0.3%
84.0%	389	386	-3	-0.8%
85.2%	388	385	-1	-0.2%
86.4%	387	385	-1	-0.2%
87.7%	383	385	1	0.4%
88.9%	382	383	1	0.3%
90.1%	381	383	2	0.5%
91.4%	379	383	4	1.0%
92.6%	377	383	6	1.5%
93.8%	375	380	4	1.2%
95.1%	350	379	28	8.1%
96.3%	344	364	21	6.0%
97.5%	332	352	20	6.1%
98.8%	330	350	20	6.2%
100.0%	330	334	4	1.1%

December				
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)
0.0%	424	424	0	0.0%
1.2%	424	424	0	0.0%
2.5%	424	424	0	0.0%
3.7%	424	424	0	0.0%
4.9%	424	424	0	0.0%
6.2%	424	424	0	0.0%
7.4%	424	424	0	0.0%
8.6%	424	424	0	0.0%
9.9%	424	424	0	0.1%
11.1%	424	424	0	0.0%
12.3%	424	424	0	0.0%
13.6%	424	424	0	0.0%
14.8%	424	424	0	0.0%
16.0%	424	424	0	0.0%
17.3%	424	424	0	0.0%
18.5%	424	424	0	0.0%
19.8%	424	424	0	0.0%
21.0%	424	424	0	0.0%
22.2%	423	424	0	0.1%
23.5%	423	424	0	0.1%
24.7%	423	423	0	0.2%
25.9%	422	423	1	0.2%
27.2%	421	423	2	0.4%
28.4%	421	422	1	0.3%
29.6%	421	421	0	0.0%
30.9%	419	420	0	0.1%
32.1%	418	420	1	0.2%
33.3%	418	419	1	0.3%
34.6%	417	422	5	1.4%
35.8%	417	419	1	0.3%
37.0%	417	419	1	0.3%
38.3%	417	419	2	0.4%
39.5%	416	417	1	0.4%
40.7%	415	417	2	0.5%
42.0%	414	417	3	0.7%
43.2%	414	417	3	0.7%
44.4%	414	415	2	0.5%
45.7%	414	416	2	0.6%
46.9%	413	415	2	0.5%
48.1%	413	414	1	0.3%
49.4%	413	414	1	0.2%
50.6%	411	413	2	0.4%
51.9%	411	413	1	0.3%
53.1%	411	412	1	0.3%
54.3%	410	411	1	0.2%
55.6%	410	411	1	0.2%
56.8%	409	411	-1	-0.2%
58.0%	409	408	0	0.0%
59.3%	408	410	2	0.5%
60.5%	407	408	1	0.3%
61.7%	406	408	2	0.5%
63.0%	405	408	2	0.6%
64.2%	404	406	2	0.4%
65.4%	404	406	2	0.5%
66.7%	403	403	0	-0.1%
67.9%	402	402	0	0.0%
69.1%	402	402	0	0.1%
70.4%	402	402	0	0.0%
71.6%	401	402	1	0.2%
72.8%	401	401	0	0.0%
74.1%	401	401	0	0.0%
75.3%	399	401	2	0.5%
76.5%	398	400	2	0.4%
77.8%	398	398	1	0.3%
79.0%	395	396	1	0.2%
80.2%	394	396	1	0.4%
81.5%	394	396	2	0.4%
82.7%	392	395	4	0.9%
84.0%	388	394	6	1.4%
85.2%	388	389	1	0.2%
86.4%	387	389	1	0.3%
87.7%	383	389	6	1.5%
88.9%	383	388	5	1.3%
90.1%	382	387	5	1.3%
91.4%	378	386	8	2.1%
92.6%	372	381	9	2.5%
93.8%	370	380	10	2.8%
95.1%	370	374	4	1.2%
96.3%	369	371	2	0.6%
97.5%	367	369	2	0.4%
98.8%	363	369	5	1.4%
100.0%	352	363	11	3.3%

January				
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)
0.0%	424	424	0	0.0%
1.2%	424	424	0	0.0%
2.5%	424	424	0	0.0%
3.7%	424	424	0	0.0%
4.9%	424	424	0	0.0%
6.2%	424	424	0	0.0%
7.4%	424	424	0	0.0%
8.6%	424	424	0	0.0%
9.9%	424	424	0	0.0%
11.1%	424	424	0	0.0%
12.3%	424	424	0	0.0%
13.6%	424	424	0	0.0%
14.8%	424	424	0	0.0%
16.0%	424	424	0	0.0%
17.3%	424	424	0	0.0%
18.5%	424	424	0	0.0%
19.8%	424	424	0	0.0%
21.0%	424	424	0	0.0%
22.2%	424	424	0	0.0%
23.5%	424	424	0	0.0%
24.7%	424	424	0	0.0%
25.9%	424	424	0	0.0%</

Table SW-25-7b
Folsom Lake, End of Month Elevation
Probability of Exceedance

February					
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	424	424	0	0.0%	
1.2%	424	424	0	0.0%	
2.5%	424	424	0	0.0%	
3.7%	424	424	0	0.0%	
4.9%	424	424	0	0.0%	
6.2%	424	424	0	0.0%	
7.4%	424	424	0	0.0%	
8.6%	424	424	0	0.0%	
9.9%	424	424	0	0.0%	
11.1%	424	424	0	0.0%	
12.3%	424	424	0	0.0%	
13.6%	424	424	0	0.0%	
14.8%	424	424	0	0.0%	
16.0%	424	424	0	0.0%	
17.3%	424	424	0	0.0%	
18.5%	424	424	0	0.1%	
19.8%	424	424	0	0.1%	
21.0%	424	424	0	0.1%	
22.2%	423	424	1	0.1%	
23.5%	423	424	1	0.2%	
24.7%	423	424	1	0.1%	
25.9%	423	424	0	0.1%	
27.2%	423	423	1	0.1%	
28.4%	423	423	1	0.1%	
29.6%	423	423	0	0.1%	
30.9%	423	423	0	0.1%	
32.1%	423	423	0	0.0%	
33.3%	423	423	0	0.0%	
34.6%	422	423	0	0.1%	
35.8%	422	423	0	0.1%	
37.0%	422	423	0	0.1%	
38.3%	422	423	0	0.1%	
39.5%	422	422	0	0.1%	
40.7%	422	422	0	0.1%	
42.0%	422	422	0	0.1%	
43.2%	422	422	0	0.1%	
44.4%	421	422	1	0.2%	
45.7%	420	422	2	0.4%	
46.9%	420	422	1	0.4%	
48.1%	419	421	3	0.6%	
49.4%	419	421	3	0.7%	
50.6%	418	422	3	0.7%	
51.9%	418	420	2	0.6%	
53.1%	418	420	3	0.6%	
54.3%	417	418	2	0.4%	
55.6%	417	418	1	0.3%	
56.8%	416	418	2	0.5%	
58.0%	414	417	3	0.8%	
59.3%	414	417	3	0.7%	
60.5%	413	416	3	0.6%	
61.7%	413	414	0	0.1%	
63.0%	412	413	1	0.2%	
64.2%	411	413	2	0.4%	
65.4%	409	412	3	0.8%	
66.7%	408	412	4	1.0%	
67.9%	407	411	4	0.9%	
69.1%	407	410	3	0.7%	
70.4%	406	409	3	0.7%	
71.6%	406	408	1	0.4%	
72.8%	406	406	0	0.0%	
74.1%	406	406	0	0.1%	
75.3%	406	406	0	0.1%	
76.5%	405	406	1	0.3%	
77.8%	405	406	1	0.3%	
79.0%	405	405	0	0.1%	
80.2%	404	405	1	0.1%	
81.5%	404	404	0	0.0%	
82.7%	404	404	0	0.0%	
84.0%	403	403	0	0.0%	
85.2%	403	403	0	0.0%	
86.4%	403	401	-1	-0.3%	
87.7%	401	401	0	-0.1%	
88.9%	398	400	2	0.4%	
90.1%	397	399	3	0.7%	
91.4%	396	397	1	0.2%	
92.6%	396	396	0	0.1%	
93.8%	395	396	0	0.1%	
95.1%	385	395	10	2.6%	
96.3%	384	395	11	2.9%	
97.5%	375	386	11	3.0%	
98.8%	351	394	8	2.3%	
100.0%	345	346	1	0.2%	

March					
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	437	437	0	0.0%	
1.2%	437	437	0	0.0%	
2.5%	437	437	0	0.0%	
3.7%	437	437	0	0.0%	
4.9%	436	436	0	0.0%	
6.2%	436	436	0	0.0%	
7.4%	436	436	0	0.0%	
8.6%	436	436	0	0.0%	
9.9%	436	436	0	0.0%	
11.1%	436	436	0	0.0%	
12.3%	436	436	0	0.0%	
13.6%	436	436	0	0.0%	
14.8%	436	436	0	0.0%	
16.0%	436	436	0	0.0%	
17.3%	436	436	0	0.0%	
18.5%	436	436	0	0.0%	
19.8%	436	436	0	0.0%	
21.0%	436	436	0	0.0%	
22.2%	436	436	0	0.0%	
23.5%	436	435	0	-0.1%	
24.7%	435	435	0	0.0%	
25.9%	435	435	0	-0.1%	
27.2%	435	435	0	0.0%	
28.4%	435	435	0	0.0%	
29.6%	435	435	0	0.0%	
30.9%	435	435	0	0.0%	
32.1%	435	435	0	0.0%	
33.3%	435	435	0	0.0%	
34.6%	435	435	0	0.0%	
35.8%	434	434	0	0.0%	
37.0%	434	434	0	0.0%	
38.3%	434	434	0	0.0%	
39.5%	434	434	0	0.0%	
40.7%	434	434	0	0.1%	
42.0%	434	434	0	0.0%	
43.2%	433	434	0	0.0%	
44.4%	433	433	0	0.0%	
45.7%	433	433	0	0.0%	
46.9%	433	433	0	0.0%	
48.1%	433	433	0	0.0%	
49.4%	432	433	1	0.2%	
50.6%	432	432	0	0.0%	
51.9%	432	432	0	0.0%	
53.1%	432	432	0	0.0%	
54.3%	431	432	0	0.0%	
55.6%	431	432	1	0.1%	
56.8%	431	431	1	0.1%	
58.0%	431	431	0	0.0%	
59.3%	430	431	0	0.1%	
60.5%	430	431	1	0.2%	
61.7%	430	430	0	0.1%	
63.0%	429	430	1	0.2%	
64.2%	429	430	1	0.2%	
65.4%	429	430	1	0.2%	
66.7%	429	430	1	0.2%	
67.9%	427	429	2	0.4%	
69.1%	426	429	3	0.7%	
70.4%	426	428	2	0.5%	
71.6%	426	428	2	0.4%	
72.8%	423	427	4	1.0%	
74.1%	423	426	4	0.8%	
75.3%	423	426	4	0.9%	
76.5%	422	426	4	1.1%	
77.8%	421	423	2	0.4%	
79.0%	420	423	2	0.6%	
80.2%	419	422	3	0.6%	
81.5%	418	421	3	0.8%	
82.7%	417	420	3	0.7%	
84.0%	417	420	3	0.6%	
85.2%	417	420	3	0.8%	
86.4%	414	416	2	0.6%	
87.7%	411	414	2	0.5%	
88.9%	411	413	2	0.5%	
90.1%	410	408	-1	-0.3%	
91.4%	406	403	-3	-0.7%	
92.6%	403	403	0	0.0%	
93.8%	403	401	-2	-0.5%	
95.1%	394	400	6	1.5%	
96.3%	391	397	6	1.4%	
97.5%	391	395	4	1.1%	
98.8%	352	394	8	2.1%	
100.0%	350	359	8	2.3%	

April					
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	449	449	0	0.0%	
1.2%	449	449	0	0.0%	
2.5%	449	449	0	0.0%	
3.7%	449	449	0	0.0%	
4.9%	449	449	0	0.0%	
6.2%	449	449	0	0.0%	
7.4%	449	449	0	0.0%	
8.6%	449	449	0	0.0%	
9.9%	449	449	0	0.0%	
11.1%	449	449	0	0.0%	
12.3%	449	449	0	0.0%	
13.6%	449	449	0	0.0%	
14.8%	449	449	0	0.0%	
16.0%	449	449	0	0.0%	
17.3%	449	449	0	0.0%	
18.5%	449	449	0	0.0%	
19.8%	449	449	0	0.0%	
21.0%	449	449	0	0.0%	
22.2%	449	449	0	0.0%	
23.5%	449	449	0	0.0%	
24.7%	449	449	0	0.0%	
25.9%	449	449	0	0.0%	
27.2%	449	449	0	0.0%	
28.4%	449	449	0	0.0%	
29.6%	449	449	0	0.0%	
30.9%	449	449	0	0.0%	
32.1%	449	449	0	0.0%	
33.3%	449	449	0	0.0%	
34.6%	449	449	0	0.0%	
35.8%	449	449	0	0.0%	
37.0%	449	449	0	0.0%	
38.3%	449	449	0	0.0%	
39.5%	449	449	0	0.0%	
40.7%	449	449	0	0.0%	
42.0%	449	449	0	0.0%	
43.2%	449	449	0	0.0%	
44.4%	449	449	0	0.0%	
45.7%	449	449	0	0.0%	
46.9%	449	449	0	0.0%	
48.1%	449	449	0	0.0%	
49.4%	449	449	0	0.0%	
50.6%	449	449	0	0.0%	
51.9%	449	449	0	0.0%	
53.1%	449	449	0	0.0%	
54.3%	449	449	0	0.0%	
55.6%	449	449	0	0.0%	
56.8%	449	449	0	0.0%	
58.0%	449	449	0	0.0%	
59.3%	449	449	0	0.0%	
60.5%	449	449	0	0.0%	
61.7%	449	449	0	0.0%	
63.0%	448	448	-1	-0.2%	
64.2%	448	447	-1	-0.1%	
65.4%	447	447	0	0.0%	
66.7%	446	447	1	0.3%	
67.9%	445	445	1	0.2%	
69.1%	444	444	0	0.0%	
70.4%	444	443	0	0.0%	
71.6%	443	443	-1	-0.1%	
72.8%	441	441	0	0.0%	
74.1%	440	440	0	0.0%	
75.3%	440	440	0	0.0%	
76.5%	438	437	0	0.0%	
77.8%	433	437	4	1.0%	
79.0%	429	437	8	1.8%	
80.2%	426	434	8	1.4%	
81.5%	427	431	4	1.0%	
82.7%	427	429	2	0.6%	
84.0%	425	428	3	0.7%	
85.2%	424	426	2	0.4%	
86.4%	419	418	-1	-0.2%	
87.7%	416	417	1	0.2%	
88.9%	415	415	0	0.1%	
90.1%	412	412	0	0.1%	
91.4%	411	410	-1	-0.1%	
92.6%	409	411	1	0.2%	
93.8%	407	408	2	0.4%	
95.1%	403	404	1	0.2%	
96.3%	403	401	-2	-0.4%	
97.5%	393	399	5	1.4%	
98.8%	391	398	8	2.0%	
100.0%	346	352	7	1.9%	

May					
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month E			

Table SW-25-7b
Folsom Lake, End of Month Elevation
Probability of Exceedance

June					
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	466	466	0	0.0%	
1.2%	466	466	0	0.0%	
2.5%	466	466	0	0.0%	
3.7%	466	466	0	0.0%	
4.9%	466	466	0	0.0%	
6.2%	466	466	0	0.0%	
7.4%	466	466	0	0.0%	
8.6%	466	466	0	0.0%	
9.9%	466	466	0	0.0%	
11.1%	466	466	0	0.0%	
12.3%	466	466	0	0.0%	
13.6%	466	466	0	0.0%	
14.8%	466	466	0	0.0%	
16.0%	466	466	0	0.0%	
17.3%	466	466	0	0.0%	
18.5%	466	466	0	0.0%	
19.8%	466	466	0	0.0%	
21.0%	466	466	0	0.0%	
22.2%	466	466	0	0.0%	
23.5%	466	466	0	0.0%	
24.7%	466	466	0	0.0%	
25.9%	466	466	0	0.0%	
27.2%	466	466	0	0.0%	
28.4%	466	466	0	0.0%	
29.6%	466	466	0	0.0%	
30.9%	466	466	0	0.0%	
32.1%	466	466	0	0.0%	
33.3%	466	466	0	0.0%	
34.6%	466	466	0	0.0%	
35.8%	466	466	0	0.0%	
37.0%	466	466	0	0.0%	
38.3%	466	466	0	0.0%	
39.5%	466	466	0	0.0%	
40.7%	466	466	0	0.0%	
42.0%	466	466	0	0.0%	
43.2%	466	466	0	0.0%	
44.4%	466	465	0	-0.1%	
45.7%	466	465	-1	-0.1%	
46.9%	466	465	-1	-0.1%	
48.1%	466	464	-1	-0.3%	
49.4%	465	464	-1	-0.2%	
50.6%	465	464	-1	-0.1%	
51.9%	464	463	-1	-0.3%	
53.1%	464	463	-1	-0.2%	
54.3%	462	463	1	0.2%	
55.6%	460	463	3	0.7%	
56.8%	458	463	5	1.0%	
58.0%	457	462	5	1.1%	
59.3%	453	454	1	0.2%	
60.5%	452	453	2	0.4%	
61.7%	451	451	0	0.0%	
63.0%	451	450	-1	-0.2%	
64.2%	449	450	1	0.2%	
65.4%	446	448	2	0.5%	
66.7%	446	446	1	0.2%	
67.9%	443	443	1	0.1%	
69.1%	442	442	-1	-0.2%	
70.4%	442	439	-2	-0.5%	
71.6%	439	439	-1	-0.2%	
72.8%	437	438	1	0.3%	
74.1%	437	438	1	0.3%	
75.3%	436	436	1	0.2%	
76.5%	435	436	1	0.1%	
77.8%	431	435	4	0.9%	
79.0%	429	432	3	0.7%	
80.2%	428	429	1	0.2%	
81.5%	427	429	2	0.4%	
82.7%	427	428	1	0.3%	
84.0%	424	427	3	0.7%	
85.2%	418	417	-1	-0.3%	
86.4%	417	414	-3	-0.7%	
87.7%	416	414	-2	-0.5%	
88.9%	411	411	0	0.1%	
90.1%	410	411	1	0.2%	
91.4%	409	409	0	0.1%	
92.6%	406	408	3	0.7%	
93.8%	399	408	9	2.3%	
95.1%	398	408	9	2.3%	
96.3%	393	402	9	2.4%	
97.5%	389	395	6	1.6%	
98.8%	387	392	25	6.8%	
100.0%	339	340	0	0.0%	

July					
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	463	463	0	0.0%	
1.2%	463	463	0	0.0%	
2.5%	463	463	0	0.0%	
3.7%	463	463	0	0.0%	
4.9%	463	463	0	0.0%	
6.2%	463	463	0	0.0%	
7.4%	463	463	0	0.0%	
8.6%	463	463	0	0.0%	
9.9%	463	463	0	0.0%	
11.1%	463	463	0	0.0%	
12.3%	463	463	0	0.0%	
13.6%	449	461	-2	-0.4%	
14.8%	463	461	-2	-0.5%	
16.0%	463	461	-3	-0.5%	
17.3%	462	461	-1	-0.2%	
18.5%	461	460	0	-0.1%	
19.8%	460	460	1	0.1%	
21.0%	459	460	1	0.2%	
22.2%	457	460	3	0.7%	
23.5%	456	460	4	0.9%	
24.7%	456	460	5	1.0%	
25.9%	455	460	5	1.1%	
27.2%	453	458	4	1.0%	
28.4%	449	456	7	1.6%	
29.6%	449	454	6	1.2%	
30.9%	448	453	5	1.1%	
32.1%	448	453	4	1.0%	
33.3%	448	453	4	1.0%	
34.6%	448	452	4	1.0%	
35.8%	447	452	5	1.0%	
37.0%	447	451	4	0.9%	
38.3%	446	450	4	0.9%	
39.5%	446	450	4	0.9%	
40.7%	445	449	4	0.9%	
42.0%	445	449	4	0.9%	
43.2%	445	448	3	0.7%	
44.4%	444	447	3	0.7%	
45.7%	444	447	3	0.7%	
46.9%	444	445	2	0.4%	
48.1%	443	445	2	0.5%	
49.4%	442	445	3	0.6%	
50.6%	442	444	1	0.3%	
51.9%	439	443	3	0.7%	
53.1%	439	442	3	0.7%	
54.3%	437	442	5	1.1%	
55.6%	437	440	3	0.7%	
56.8%	436	440	4	0.9%	
58.0%	435	439	4	0.9%	
59.3%	432	437	6	1.3%	
60.5%	427	437	9	2.2%	
61.7%	426	432	6	1.5%	
63.0%	424	431	7	1.6%	
64.2%	423	427	4	0.9%	
65.4%	420	426	5	1.3%	
66.7%	420	423	3	0.8%	
67.9%	419	423	4	0.9%	
69.1%	417	420	3	0.7%	
70.4%	416	420	4	1.0%	
71.6%	416	420	4	1.0%	
72.8%	415	419	5	1.1%	
74.1%	413	418	4	1.1%	
75.3%	413	414	2	0.2%	
76.5%	412	414	2	0.4%	
77.8%	411	411	0	-0.1%	
79.0%	408	409	1	0.2%	
80.2%	408	408	1	0.2%	
81.5%	407	408	1	0.2%	
82.7%	405	408	3	0.8%	
84.0%	405	403	-1	-0.3%	
85.2%	401	403	2	0.4%	
86.4%	401	403	2	0.6%	
87.7%	400	402	2	0.5%	
88.9%	400	401	1	0.2%	
90.1%	395	400	5	1.2%	
91.4%	394	400	6	1.4%	
92.6%	392	399	7	1.7%	
93.8%	390	396	6	1.5%	
95.1%	390	392	1	0.3%	
96.3%	390	388	-2	-0.6%	
97.5%	389	387	-18	-4.9%	
98.8%	385	385	30	8.3%	
100.0%	330	330	0	0.0%	

August					
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C End of Month Elevation (FEET)	Absolute Difference (FEET)	Relative Difference (%)	
0.0%	449	449	0	0.0%	
1.2%	449	449	0	0.0%	
2.5%	449	449	0	0.0%	
3.7%	449	449	0	0.0%	
4.9%	449	449	0	0.0%	
6.2%	449	449	0	0.0%	
7.4%	449	449	0	0.0%	
8.6%	449	449	0	0.0%	
9.9%	449	449	0	0.0%	
11.1%	449	449	0	0.0%	
12.3%	449	449	0	0.0%	
13.6%	448	449	0	0.0%	
14.8%	449	449	0	0.0%	
16.0%	449	449	0	0.0%	
17.3%	449	449	0	0.0%	
18.5%	449	449	0	0.0%	
19.8%	449	449	0	0.0%	
21.0%	449	449	0	0.0%	
22.2%	449	449	0	0.0%	
23.5%	449	449	0	0.0%	
24.7%	449	449	0	0.0%	
25.9%	448	449	1	0.2%	
27.2%	447	448	1	0.3%	
28.4%	445	447	2	0.5%	
29.6%	443	447	4	0.8%	
30.9%	443	446	3	0.7%	
32.1%	443	446	3	0.7%	
33.3%	443	445	2	0.5%	
34.6%	441	445	4	0.8%	
35.8%	441	444	3	0.7%	
37.0%	440	443	4	0.9%	
38.3%	439	443	3	0.8%	
39.5%	439	442	3	0.7%	
40.7%	439	441	3	0.6%	
42.0%	438	440	2	0.5%	
43.2%	435	440	5	1.2%	
44.4%	434	439	4	1.0%	
45.7%	432	437	5	1.1%	
46.9%	432	437	5	1.2%	
48.1%	430	437	7	1.6%	
49.4%	430	435	5	1.2%	
50.6%	430	434	4	1.0%	
51.9%	430	433	3	0.8%	
53.1%	428	433	4	1.0%	
54.3%	428	433	5	1.2%	
55.6%	424	433	9	2.0%	
56.8%	424	429	5	1.2%	
58.0%	423	429	6	1.5%	
59.3%	422	428	6	1.5%	
60.5%	420	427	7	1.7%	
61.7%	418	427	9	2.1%	
63.0%	418	417	9	2.3%	
64.2%	417	425	7	1.7%	
65.4%	412	422	10	2.4%	
66.7%	412	418	6	1.5%	
67.9%	412	415	4	0.9%	
69.1%	409	415	6	1.4%	
70.4%	407	414	7	1.7%	
71.6%	406	411	6	1.4%	
72.8%	405	409	4	1.0%	
74.1%	404	406	2	0.4%	
75.3%	404	402	-2	-0.4%	
76.5%	403	403	0	0.0%	
77.8%	401	402	1	0.3%	
79.0%	400	402	2	0.4%	
80.2%	400	401	2	0.4%	
81.5%	399	401	2	0.4%	
82.7%	399	399	0	0.0%	
84.0%	398	398	1	0.2%	
85.2%	397	398	1	0.2%	
86.4%	393	395	2	0.5%	
87.7%	392	394	2	0.5%	
88.9%	391	392	1	0.3%	
90.1%	390	391	0	0.1%	
91.4%	390	389	-1	-0.2%	
92.6%	388	388	-1	-0.3%	
93.8%	384	384	0	0.1%	
95.1%	381	382	1	0.1%	
96.3%	379	381	2	0.6%	
97.5%	337	377	40	11.9%	
98.8%	330	351	21	6.4%	
100.0%	330	330	0	0.0%	

September					
Percent Exceedance Probability (%)	No Action Alternative End of Month Elevation (FEET)	Alternative C			

Table SW-26-7a
Folsom Lake, End of Month Area
Long-term Average and Average by Water Year Type

Analysis Period	End of Month Area (ACRE)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	7,394	7,011	7,177	7,384	7,599	8,611	9,478	10,219	9,984	8,943	8,292	7,603
Alternative C	7,600	7,185	7,301	7,483	7,698	8,685	9,520	10,245	10,059	9,160	8,515	7,854
Difference	206	174	125	100	99	74	42	27	75	217	223	251
Percent Difference ³	2.8%	2.5%	1.7%	1.3%	1.3%	0.9%	0.4%	0.3%	0.8%	2.4%	2.7%	3.3%
Water Year Types²												
Wet (32%)												
No Action Alternative	8,583	7,813	7,809	7,942	7,807	9,003	10,083	11,104	11,090	10,503	9,863	8,687
Alternative C	8,701	7,856	7,841	7,940	7,807	9,003	10,083	11,104	11,081	10,624	9,925	8,937
Difference	118	43	32	-3	0	0	-1	-9	121	62	251	
Percent Difference	1.4%	0.6%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	1.2%	0.6%	2.9%
Above Normal (15%)												
No Action Alternative	8,020	7,505	7,677	7,899	8,068	9,141	10,105	11,118	10,957	9,728	9,139	8,310
Alternative C	8,249	7,684	7,770	7,925	8,095	9,140	10,105	11,117	10,977	9,865	9,310	8,553
Difference	229	179	93	26	27	-1	0	-1	20	137	171	243
Percent Difference	2.9%	2.4%	1.2%	0.3%	0.3%	0.0%	0.0%	0.0%	0.2%	1.4%	1.9%	2.9%
Below Normal (17%)												
No Action Alternative	8,272	7,826	7,757	7,731	8,115	9,007	10,056	10,892	10,769	9,254	8,720	8,358
Alternative C	8,416	7,920	7,822	7,756	8,187	9,083	10,054	10,865	10,754	9,614	9,118	8,516
Difference	145	95	65	25	72	75	-3	-26	-15	360	398	158
Percent Difference	1.8%	1.2%	0.8%	0.3%	0.9%	0.8%	0.0%	-0.2%	-0.1%	3.9%	4.6%	1.9%
Dry (22%)												
No Action Alternative	6,667	6,728	6,868	7,065	7,716	8,702	9,440	9,934	9,442	8,061	7,242	6,973
Alternative C	6,905	6,979	7,034	7,232	7,857	8,794	9,532	9,991	9,566	8,243	7,553	7,266
Difference	239	251	166	168	141	93	92	56	125	181	311	292
Percent Difference	3.6%	3.7%	2.4%	2.4%	1.8%	1.1%	1.0%	0.6%	1.3%	2.3%	4.3%	4.2%
Critical (15%)												
No Action Alternative	4,257	4,251	5,094	5,730	5,900	6,635	6,922	7,043	6,516	5,740	5,115	4,613
Alternative C	4,653	4,684	5,459	6,109	6,255	6,915	7,077	7,174	6,856	6,129	5,405	4,922
Difference	396	433	365	379	355	279	155	131	341	389	290	309
Percent Difference	9.3%	10.2%	7.2%	6.6%	6.0%	4.2%	2.2%	1.9%	5.2%	6.8%	5.7%	6.7%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

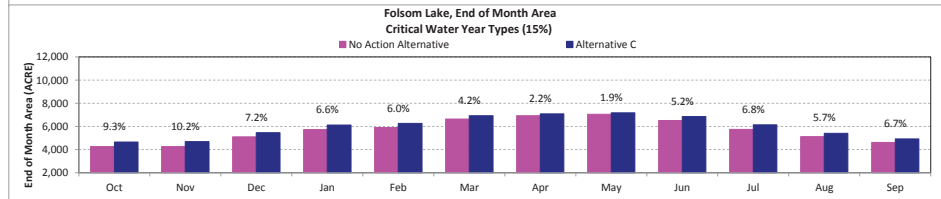
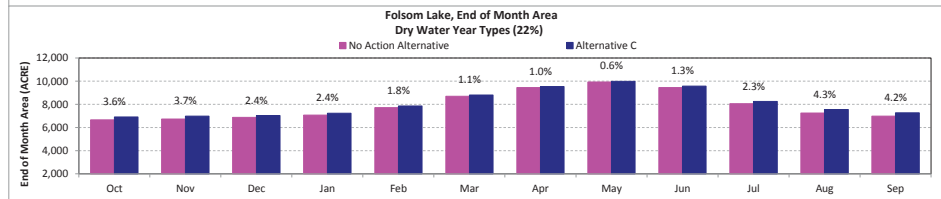
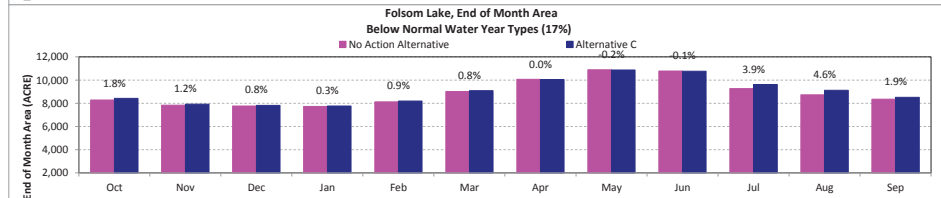
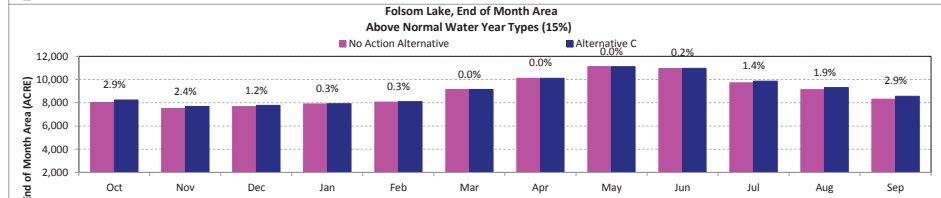
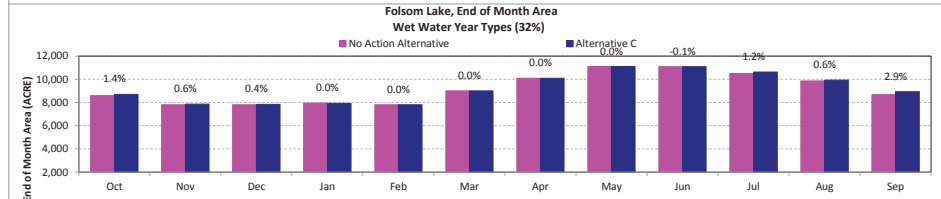
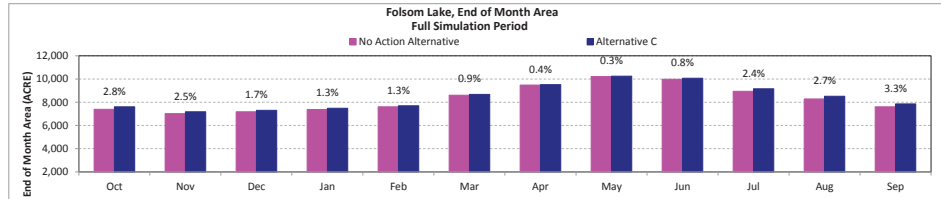


Figure SW-26-7b
Folsom Lake, End of Month Area
Probability of Exceedance

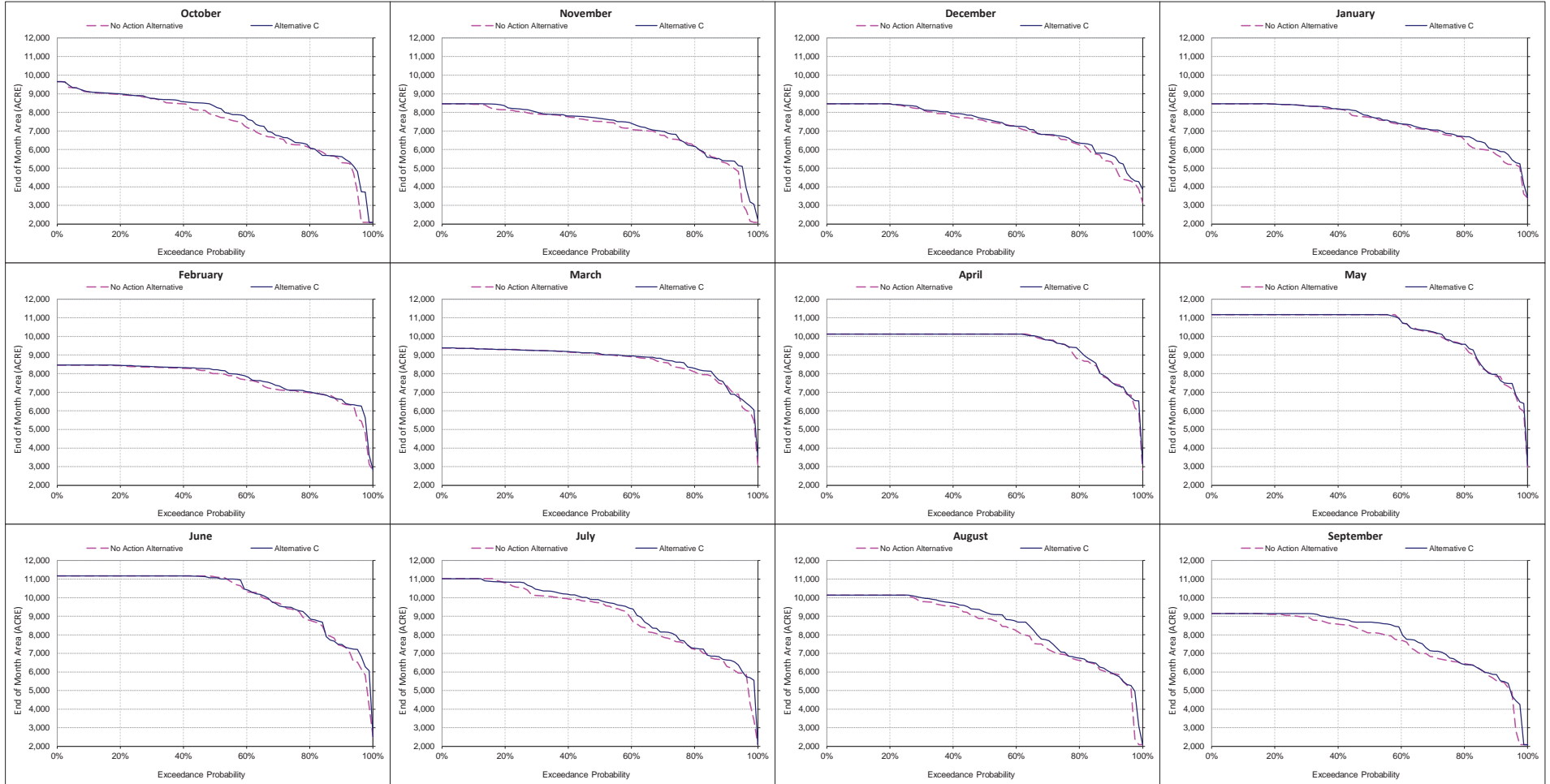


Table SW-26-7b
Folsom Lake, End of Month Area
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative End of Month Area (ACRE)	Alternative C End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	9,656	9,656	0	0.0%
1.2%	9,656	9,656	0	0.0%
2.5%	9,643	9,643	0	0.0%
3.7%	9,343	9,464	121	1.3%
4.9%	9,334	9,334	0	0.0%
6.2%	9,330	9,330	0	0.0%
7.4%	9,233	9,233	0	0.0%
8.6%	9,113	9,159	47	0.5%
9.9%	9,100	9,102	2	0.0%
11.1%	9,051	9,057	6	0.1%
12.3%	9,043	9,079	36	0.4%
13.6%	9,042	9,055	13	0.1%
14.8%	9,038	9,047	9	0.1%
16.0%	9,006	9,032	26	0.3%
17.3%	8,991	9,022	31	0.3%
18.5%	8,975	9,007	32	0.4%
19.8%	8,962	9,006	44	0.5%
21.0%	8,944	8,978	34	0.4%
22.2%	8,931	8,944	13	0.1%
23.5%	8,908	8,931	23	0.3%
24.7%	8,906	8,916	10	0.1%
25.9%	8,899	8,898	0	0.0%
27.2%	8,827	8,897	70	0.8%
28.4%	8,807	8,809	2	0.0%
29.6%	8,737	8,761	24	0.3%
30.9%	8,737	8,744	7	0.1%
32.1%	8,684	8,712	28	0.3%
33.3%	8,617	8,689	72	0.8%
34.6%	8,518	8,689	171	2.0%
35.8%	8,510	8,689	179	2.1%
37.0%	8,494	8,675	181	2.1%
38.3%	8,474	8,644	171	2.0%
39.5%	8,468	8,578	110	1.3%
40.7%	8,452	8,559	107	1.3%
42.0%	8,239	8,550	310	3.8%
43.2%	8,139	8,516	377	4.6%
44.4%	8,130	8,510	380	4.7%
45.7%	8,117	8,509	392	4.8%
46.9%	8,107	8,496	389	4.8%
48.1%	7,929	8,460	531	6.7%
49.4%	7,954	8,368	504	6.4%
50.6%	7,801	8,250	449	5.8%
51.9%	7,727	8,201	473	6.1%
53.1%	7,712	7,987	275	3.6%
54.3%	7,625	7,944	320	4.2%
55.6%	7,559	7,876	317	4.2%
56.8%	7,519	7,874	355	4.7%
58.0%	7,499	7,858	358	4.8%
59.3%	7,274	7,805	532	7.3%
60.5%	7,146	7,618	471	6.6%
61.7%	7,124	7,553	429	6.0%
63.0%	6,945	7,350	405	5.8%
64.2%	6,845	7,274	429	6.3%
65.4%	6,781	7,252	471	6.9%
66.7%	6,696	6,977	281	4.2%
67.9%	6,670	6,932	262	3.9%
69.1%	6,625	6,769	144	2.2%
70.4%	6,596	6,729	133	2.0%
71.6%	6,554	6,652	98	1.5%
72.8%	6,288	6,637	350	5.6%
74.1%	6,238	6,530	292	3.8%
75.3%	6,262	6,379	117	1.9%
76.5%	6,256	6,369	113	1.8%
77.8%	6,227	6,348	122	2.0%
79.0%	6,156	6,288	131	2.1%
80.2%	6,065	6,066	1	0.0%
81.5%	6,030	6,032	2	0.0%
82.7%	5,964	5,862	-102	-1.7%
84.0%	5,868	5,693	-175	-3.0%
85.2%	5,731	5,692	-40	-0.7%
86.4%	5,673	5,673	0	0.0%
87.7%	5,661	5,661	-1	0.0%
88.9%	5,548	5,644	96	1.7%
90.1%	5,301	5,616	315	5.9%
91.4%	5,285	5,458	173	3.3%
92.6%	5,251	5,341	91	1.7%
93.8%	4,730	5,108	379	8.0%
95.1%	3,706	4,814	1,108	29.9%
96.3%	2,091	3,737	1,646	78.7%
97.5%	2,091	3,715	1,624	77.7%
98.8%	2,091	2,091	0	0.0%
100.0%	2,091	2,091	0	0.0%

November				
Percent Exceedance Probability (%)	No Action Alternative End of Month Area (ACRE)	Alternative C End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	8,458	8,458	0	0.0%
1.2%	8,458	8,458	0	0.0%
2.5%	8,458	8,458	0	0.0%
3.7%	8,458	8,458	0	0.0%
4.9%	8,458	8,458	0	0.0%
6.2%	8,458	8,458	0	0.0%
7.4%	8,458	8,458	0	0.0%
8.6%	8,458	8,458	0	0.0%
9.9%	8,433	8,458	26	0.3%
11.1%	8,431	8,458	28	0.3%
12.3%	8,422	8,458	37	0.4%
13.6%	8,411	8,458	48	0.6%
14.8%	8,279	8,458	179	2.2%
16.0%	8,201	8,433	232	2.8%
17.3%	8,165	8,431	266	3.3%
18.5%	8,142	8,409	267	3.3%
19.8%	8,139	8,372	233	2.9%
21.0%	8,128	8,237	109	1.3%
22.2%	8,110	8,218	108	1.3%
23.5%	8,054	8,201	147	1.8%
24.7%	8,043	8,191	149	1.8%
25.9%	8,026	8,151	126	1.6%
27.2%	7,970	8,149	180	2.3%
28.4%	7,928	8,089	161	2.0%
29.6%	7,920	8,025	104	1.3%
30.9%	7,912	7,975	63	0.8%
32.1%	7,891	7,924	32	0.4%
33.3%	7,890	7,909	19	0.2%
34.6%	7,875	7,896	21	0.3%
35.8%	7,865	7,886	21	0.3%
37.0%	7,844	7,874	30	0.4%
38.3%	7,784	7,871	88	1.1%
39.5%	7,779	7,813	34	0.4%
40.7%	7,739	7,813	74	1.0%
42.0%	7,718	7,800	82	1.1%
43.2%	7,650	7,788	139	1.8%
44.4%	7,637	7,778	141	1.8%
45.7%	7,593	7,773	180	2.4%
46.9%	7,564	7,739	175	2.3%
48.1%	7,529	7,712	182	2.4%
49.4%	7,515	7,694	179	2.4%
50.6%	7,507	7,660	153	2.0%
51.9%	7,476	7,642	166	2.2%
53.1%	7,454	7,595	141	1.9%
54.3%	7,447	7,579	131	1.8%
55.6%	7,288	7,506	218	3.0%
56.8%	7,176	7,495	319	4.4%
58.0%	7,150	7,487	337	4.7%
59.3%	7,146	7,453	308	4.3%
60.5%	7,063	7,382	319	4.5%
61.7%	7,050	7,288	238	3.4%
63.0%	7,043	7,220	177	2.5%
64.2%	7,023	7,200	176	2.5%
65.4%	7,003	7,107	104	1.5%
66.7%	6,993	7,056	63	0.9%
67.9%	6,911	7,023	112	1.6%
69.1%	6,778	7,003	224	3.3%
70.4%	6,754	6,971	217	3.2%
71.6%	6,612	6,877	265	4.0%
72.8%	6,568	6,833	266	4.0%
74.1%	6,548	6,821	273	4.2%
75.3%	6,515	6,508	-7	-0.1%
76.5%	6,473	6,416	-57	-0.9%
77.8%	6,336	6,247	-90	-1.4%
79.0%	6,302	6,209	-93	-1.5%
80.2%	6,116	6,157	41	0.7%
81.5%	5,998	5,975	-23	-0.4%
82.7%	5,830	5,902	72	1.2%
84.0%	5,825	5,594	-231	-4.0%
85.2%	5,621	5,579	-42	-0.8%
86.4%	5,568	5,523	-45	-0.8%
87.7%	5,410	5,513	103	1.9%
88.9%	5,322	5,407	85	1.6%
90.1%	5,266	5,395	129	2.5%
91.4%	5,108	5,395	287	5.6%
92.6%	4,948	5,382	434	8.8%
93.8%	4,819	5,148	329	6.8%
95.1%	3,064	5,101	2,037	66.5%
96.3%	2,732	3,928	1,196	43.8%
97.5%	2,159	3,185	1,026	47.5%
98.8%	2,091	3,065	974	46.6%
100.0%	2,091	2,234	143	6.9%

December				
Percent Exceedance Probability (%)	No Action Alternative End of Month Area (ACRE)	Alternative C End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)
0.0%	8,458	8,458	0	0.0%
1.2%	8,458	8,458	0	0.0%
2.5%	8,458	8,458	0	0.0%
3.7%	8,458	8,458	0	0.0%
4.9%	8,458	8,458	0	0.0%
6.2%	8,458	8,458	0	0.0%
7.4%	8,458	8,458	0	0.0%
8.6%	8,458	8,458	0	0.0%
9.9%	8,458	8,458	0	0.0%
11.1%	8,458	8,458	0	0.0%
12.3%	8,458	8,458	0	0.0%
13.6%	8,458	8,458	0	0.0%
14.8%	8,458	8,458	0	0.0%
16.0%	8,458	8,458	0	0.0%
17.3%	8,458	8,458	0	0.0%
18.5%	8,458	8,458	0	0.0%
19.8%	8,458	8,458	0	0.0%
21.0%	8,431	8,424	-7	-0.1%
22.2%	8,388	8,418	30	0.4%
23.5%	8,385	8,408	23	0.3%
24.7%	8,323	8,382	59	0.7%
25.9%	8,303	8,361	58	0.7%
27.2%	8,233	8,357	124	1.5%
28.4%	8,215	8,323	107	1.3%
29.6%	8,209	8,215	7	0.1%
30.9%	8,092	8,332	240	3.0%
32.1%	8,102	8,102	0	0.0%
33.3%	8,013	8,095	81	1.0%
34.6%	7,948	8,081	133	1.7%
35.8%	7,933	8,041	107	1.4%
37.0%	7,933	8,033	101	1.3%
38.3%	7,909	8,028	119	1.5%
39.5%	7,827	7,938	111	1.4%
40.7%	7,786	7,933	147	1.9%
42.0%	7,722	7,932	210	2.7%
43.2%	7,705	7,908	203	2.6%
44.4%	7,705	7,854	149	1.9%
45.7%	7,675	7,850	175	2.3%
46.9%	7,632	7,786	154	2.0%
48.1%	7,609	7,706	98	1.3%
49.4%	7,590	7,687	98	1.3%
50.6%	7,484	7,630	146	1.9%
51.9%	7,485	7,588	103	1.4%
53.1%	7,438	7,522	84	1.1%
54.3%	7,420	7,481	60	0.8%
55.6%	7,370	7,439	69	0.9%
56.8%	7,353	7,299	-54	-0.7%
58.0%	7,286	7,274	-12	-0.2%
59.3%	7,270	7,266	-4	-0.1%
60.5%	7,174	7,254	80	1.1%
61.7%	7,091	7,244	153	2.2%
63.0%	7,043	7,221	177	2.5%
64.2%	6,971	7,085	115	1.6%
65.4%	6,933	7,074	140	2.0%
66.7%	6,887	6,859	-28	-0.4%
67.9%	6,807	6,818	11	0.2%
69.1%	6,800	6,817	17	0.3%
70.4%	6,794	6,809	15	0.2%
71.6%	6,746	6,800	54	0.8%
72.8%	6,736	6,746	11	0.2%
74.1%	6,546	6,736	190	2.9%
75.3%	6,535	6,688	152	2.3%
76.5%	6,490	6,618	127	2.0%
77.8%	6,383	6,465	82	1.3%
79.0%	6,315	6,383	69	1.1%
80.2%	6,232	6,341	109	1.8%
81.5%	6,209	6,330	121	1.9%
82.7%	6,034	6,295	261	4.3%
84.0%	5,786	6,237	451	7.8%
85.2%	5,751	5,810	59	1.0%
86.4%	5,719	5,805	87	1.5%
87.7%	5,598	5,805	207	3.7%
88.9%	5,390	5,751	361	6.7%
90.1%	5,339	5,692	353	6.6%
91.4%	5,015	5,589	575	11.5%
92.6%	4,872	5,375	503	10.3%
93.8%	4,181	5,219	1,038	25.1%
95.1%	4,364	4,		

Table SW-26-7b
Folsom Lake, End of Month Area
Probability of Exceedance

February					
Percent Exceedance Probability (%)	No Action Alternative End of Month Area (ACRE)	Alternative C End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)	
0.0%	8,458	9,380	0	0.0%	
1.2%	8,458	8,458	0	0.0%	
2.5%	8,458	8,458	0	0.0%	
3.7%	8,458	8,458	0	0.0%	
4.9%	8,458	8,458	0	0.0%	
6.2%	8,458	8,458	0	0.0%	
7.4%	8,458	8,458	0	0.0%	
8.6%	8,458	8,458	0	0.0%	
9.9%	8,458	8,458	0	0.0%	
11.1%	8,458	8,458	0	0.0%	
12.3%	8,458	8,458	0	0.0%	
13.6%	8,458	8,458	0	0.0%	
14.8%	8,449	8,458	9	0.1%	
16.0%	8,449	8,458	9	0.1%	
17.3%	8,446	8,458	13	0.2%	
18.5%	8,433	8,449	17	0.2%	
19.8%	8,431	8,449	18	0.2%	
21.0%	8,412	8,439	26	0.3%	
22.2%	8,394	8,433	39	0.5%	
23.5%	8,376	8,431	55	0.7%	
24.7%	8,376	8,412	37	0.4%	
25.9%	8,375	8,405	30	0.4%	
27.2%	8,348	8,394	46	0.6%	
28.4%	8,348	8,391	43	0.5%	
29.6%	8,348	8,376	28	0.3%	
30.9%	8,348	8,376	28	0.3%	
32.1%	8,339	8,348	9	0.1%	
33.3%	8,339	8,348	9	0.1%	
34.6%	8,320	8,348	28	0.3%	
35.8%	8,312	8,348	36	0.4%	
37.0%	8,311	8,339	28	0.3%	
38.3%	8,311	8,339	28	0.3%	
39.5%	8,283	8,321	37	0.4%	
40.7%	8,283	8,320	37	0.4%	
42.0%	8,274	8,311	37	0.4%	
43.2%	8,265	8,311	46	0.6%	
44.4%	8,210	8,283	74	0.9%	
45.7%	8,168	8,283	115	1.4%	
46.9%	8,164	8,274	111	1.4%	
48.1%	8,069	8,265	196	2.4%	
49.4%	8,007	8,211	204	2.5%	
50.6%	7,995	8,210	214	2.7%	
51.9%	7,989	8,173	184	2.3%	
53.1%	7,970	8,164	193	2.4%	
54.3%	7,893	8,007	114	1.4%	
55.6%	7,890	7,989	99	1.3%	
56.8%	7,807	7,970	164	2.1%	
58.0%	7,702	7,939	237	3.1%	
59.3%	7,681	7,890	209	2.7%	
60.5%	7,620	7,814	194	2.5%	
61.7%	7,620	7,656	36	0.5%	
63.0%	7,565	7,620	55	0.7%	
64.2%	7,497	7,620	123	1.6%	
65.4%	7,313	7,565	252	3.4%	
66.7%	7,240	7,539	299	4.1%	
67.9%	7,198	7,472	284	4.0%	
69.1%	7,169	7,378	209	2.9%	
70.4%	7,120	7,339	219	3.1%	
71.6%	7,113	7,225	112	1.6%	
72.8%	7,113	7,119	6	0.1%	
74.1%	7,095	7,113	18	0.3%	
75.3%	7,095	7,113	19	0.3%	
76.5%	7,006	7,110	104	1.5%	
77.8%	6,996	7,095	99	1.4%	
79.0%	6,994	7,031	37	0.5%	
80.2%	6,962	7,006	44	0.6%	
81.5%	6,957	6,957	0	0.0%	
82.7%	6,920	6,920	0	0.0%	
84.0%	6,883	6,883	0	0.0%	
85.2%	6,846	6,846	0	0.0%	
86.4%	6,844	6,746	-98	-1.4%	
87.7%	6,719	6,697	-22	-0.3%	
88.9%	6,521	6,631	110	1.7%	
90.1%	6,395	6,602	207	3.2%	
91.4%	6,343	6,395	52	0.8%	
92.6%	6,224	6,343	20	0.3%	
93.8%	6,288	6,324	36	0.6%	
95.1%	5,560	6,288	728	13.1%	
96.3%	5,451	6,255	804	14.7%	
97.5%	4,808	5,635	827	17.2%	
98.8%	3,124	5,625	501	16.0%	
100.0%	2,794	2,831	36	1.3%	

March					
Percent Exceedance Probability (%)	No Action Alternative End of Month Area (ACRE)	Alternative C End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)	
0.0%	9,380	9,380	0	0.0%	
1.2%	9,380	9,380	0	0.0%	
2.5%	9,380	9,380	0	0.0%	
3.7%	9,380	9,380	0	0.0%	
4.9%	9,361	9,361	0	0.0%	
6.2%	9,361	9,361	0	0.0%	
7.4%	9,361	9,361	0	0.0%	
8.6%	9,352	9,352	0	0.0%	
9.9%	9,352	9,352	0	0.0%	
11.1%	9,334	9,334	0	0.0%	
12.3%	9,325	9,325	0	0.0%	
13.6%	9,325	9,325	0	0.0%	
14.8%	9,315	9,315	0	0.0%	
16.0%	9,315	9,315	0	0.0%	
17.3%	9,306	9,306	0	0.0%	
18.5%	9,306	9,306	0	0.0%	
19.8%	9,306	9,306	0	0.0%	
21.0%	9,306	9,306	0	0.0%	
22.2%	9,306	9,297	-9	-0.1%	
23.5%	9,297	9,278	-18	-0.2%	
24.7%	9,278	9,278	0	0.0%	
25.9%	9,278	9,260	-18	-0.2%	
27.2%	9,260	9,260	0	0.0%	
28.4%	9,260	9,251	-9	-0.1%	
29.6%	9,251	9,251	0	0.0%	
30.9%	9,242	9,242	-2	-0.0%	
32.1%	9,242	9,232	-9	-0.1%	
33.3%	9,232	9,226	-7	-0.1%	
34.6%	9,232	9,223	0	0.0%	
35.8%	9,214	9,214	0	0.0%	
37.0%	9,205	9,205	0	0.0%	
38.3%	9,205	9,205	0	0.0%	
39.5%	9,177	9,183	6	0.1%	
40.7%	9,149	9,177	28	0.3%	
42.0%	9,147	9,161	14	0.2%	
43.2%	9,122	9,122	0	0.0%	
44.4%	9,122	9,122	0	0.0%	
45.7%	9,122	9,122	0	0.0%	
46.9%	9,113	9,120	8	0.1%	
48.1%	9,103	9,113	9	0.1%	
49.4%	9,103	9,103	74	0.9%	
50.6%	9,023	9,030	7	0.1%	
51.9%	9,002	9,013	11	0.1%	
53.1%	9,002	9,006	4	0.0%	
54.3%	8,989	9,002	13	0.1%	
55.6%	8,956	9,002	46	0.5%	
56.8%	8,947	8,986	39	0.4%	
58.0%	8,947	8,956	9	0.1%	
59.3%	8,919	8,947	28	0.3%	
60.5%	8,891	8,947	55	0.6%	
61.7%	8,892	8,919	37	0.4%	
63.0%	8,843	8,908	65	0.7%	
64.2%	8,827	8,891	64	0.7%	
65.4%	8,826	8,882	57	0.6%	
66.7%	8,801	8,877	75	0.9%	
67.9%	8,689	8,827	138	1.6%	
69.1%	8,615	8,826	210	2.4%	
70.4%	8,597	8,749	152	1.8%	
71.6%	8,580	8,708	128	1.5%	
72.8%	8,378	8,689	311	3.7%	
74.1%	8,354	8,618	264	3.2%	
75.3%	8,328	8,615	287	3.4%	
76.5%	8,263	8,597	334	4.0%	
77.8%	8,238	8,354	116	1.4%	
79.0%	8,151	8,328	177	2.2%	
80.2%	8,069	8,265	196	2.4%	
81.5%	7,953	8,195	242	3.0%	
82.7%	7,948	8,163	215	2.7%	
84.0%	7,947	8,148	201	2.5%	
85.2%	7,880	8,129	249	3.2%	
86.4%	7,695	7,870	176	2.3%	
87.7%	7,492	7,658	166	2.2%	
88.9%	7,436	7,579	143	1.9%	
90.1%	7,359	7,260	-99	-1.3%	
91.4%	7,105	6,895	-210	-3.0%	
92.6%	6,901	6,893	-8	-0.1%	
93.8%	6,893	6,739	-154	-2.2%	
95.1%	6,181	6,610	429	6.9%	
96.3%	6,022	6,427	405	6.7%	
97.5%	5,951	6,256	305	5.1%	
98.8%	5,466	6,053	586	10.7%	
100.0%	3,068	3,568	500	16.3%	

April					
Percent Exceedance Probability (%)	No Action Alternative End of Month Area (ACRE)	Alternative C End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)	
0.0%	10,132	10,132	0	0.0%	
1.2%	10,132	10,132	0	0.0%	
2.5%	10,132	10,132	0	0.0%	
3.7%	10,132	10,132	0	0.0%	
4.9%	10,132	10,132	0	0.0%	
6.2%	10,132	10,132	0	0.0%	
7.4%	10,132	10,132	0	0.0%	
8.6%	10,132	10,132	0	0.0%	
9.9%	10,132	10,132	0	0.0%	
11.1%	10,132	10,132	0	0.0%	
12.3%	10,132	10,132	0	0.0%	
13.6%	10,132	10,132	0	0.0%	
14.8%	10,132	10,132	0	0.0%	
16.0%	10,132	10,132	0	0.0%	
17.3%	10,132	10,132	0	0.0%	
18.5%	10,132	10,132	0	0.0%	
19.8%	10,132	10,132	0	0.0%	
21.0%	10,132	10,132	0	0.0%	
22.2%	10,132	10,132	0	0.0%	
23.5%	10,132	10,132	0	0.0%	
24.7%	10,132	10,132	0	0.0%	
25.9%	10,132	10,132	0	0.0%	
27.2%	10,132	10,132	0	0.0%	
28.4%	10,132	10,132	0	0.0%	
29.6%	10,132	10,132	0	0.0%	
30.9%	10,132	10,132	0	0.0%	
32.1%	10,132	10,132	0	0.0%	
33.3%	10,132	10,132	0	0.0%	
34.6%	10,132	10,132	0	0.0%	
35.8%	10,132	10,132	0	0.0%	
37.0%	10,132	10,132	0	0.0%	
38.3%	10,132	10,132	0	0.0%	
39.5%	10,132	10,132	0	0.0%	
40.7%	10,132	10,132	0	0.0%	
42.0%	10,132	10,132	0	0.0%	
43.2%	10,132	10,132	0	0.0%	
44.4%	10,132	10,132	0	0.0%	
45.7%	10,132	10,132	0	0.0%	
46.9%	10,132	10,132	0	0.0%	
48.1%	10,132	10,132	0	0.0%	
49.4%	10,132	10,132	0	0.0%	
50.6%	10,132	10,132	0	0.0%	
51.9%	10,132	10,132	0	0.0%	
53.1%	10,132	10,132	0	0.0%	
54.3%	10,132	10,132	0	0.0%	
55.6%	10,132	10,132	0	0.0%	
56.8%	10,132	10,132	0	0.0%	
58.0%	10,132	10,132	0	0.0%	
59.3%	10,132	10,132	0	0.0%	
60.5%	10,132	10,132	0	0.0%	
61.7%	10,132	10,132	0	0.0%	
63.0%	10,132	10,079	-52	-0.5%	
64.2%	10,081	10,045	-36	-0.4%	
65.4%	10,045	10,045	0	0.0%	
66.7%	9,928	10,006	78	0.8%	
67.9%	9,877	9,925	49	0.5%	
69.1%	9,814	9,814	0	0.0%	
70.4%	9,807	9,802	-5	-0.0%	
71.6%	9,802	9,767	-35	-0.4%	
72.8%	9,645	9,640	-5	-0.1%	

Table SW-26-7b
Folsom Lake, End of Month Area
Probability of Exceedance

June					
Percent Exceedance Probability (%)	No Action Alternative End of Month Area (ACRE)	Alternative C End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)	
0.0%	11,171	11,171	0	0.0%	
1.2%	11,171	11,171	0	0.0%	
2.5%	11,171	11,171	0	0.0%	
3.7%	11,171	11,171	0	0.0%	
4.9%	11,171	11,171	0	0.0%	
6.2%	11,171	11,171	0	0.0%	
7.4%	11,171	11,171	0	0.0%	
8.6%	11,171	11,171	0	0.0%	
9.9%	11,171	11,171	0	0.0%	
11.1%	11,171	11,171	0	0.0%	
12.3%	11,171	11,171	0	0.0%	
13.6%	11,171	11,171	0	0.0%	
14.8%	11,171	11,171	0	0.0%	
16.0%	11,171	11,171	0	0.0%	
17.3%	11,171	11,171	0	0.0%	
18.5%	11,171	11,171	0	0.0%	
19.8%	11,171	11,171	0	0.0%	
21.0%	11,171	11,171	0	0.0%	
22.2%	11,171	11,171	0	0.0%	
23.5%	11,171	11,171	0	0.0%	
24.7%	11,171	11,171	0	0.0%	
25.9%	11,171	11,171	0	0.0%	
27.2%	11,171	11,171	0	0.0%	
28.4%	11,171	11,171	0	0.0%	
29.6%	11,171	11,171	0	0.0%	
30.9%	11,171	11,171	0	0.0%	
32.1%	11,171	11,171	0	0.0%	
33.3%	11,171	11,171	0	0.0%	
34.6%	11,171	11,171	0	0.0%	
35.8%	11,171	11,171	0	0.0%	
37.0%	11,171	11,171	0	0.0%	
38.3%	11,171	11,171	0	0.0%	
39.5%	11,171	11,170	-2	0.0%	
40.7%	11,171	11,170	-2	0.0%	
42.0%	11,171	11,168	-3	0.0%	
43.2%	11,171	11,162	-9	-0.8%	
44.4%	11,170	11,151	-19	-2.2%	
45.7%	11,170	11,139	-31	-3.3%	
46.9%	11,168	11,133	-35	-3.3%	
48.1%	11,162	11,076	-86	-8.8%	
49.4%	11,133	11,069	-64	-0.6%	
50.6%	11,104	11,067	-37	-0.3%	
51.9%	11,081	11,007	-74	-0.7%	
53.1%	11,067	11,006	-61	-0.6%	
54.3%	10,947	10,997	50	0.5%	
55.6%	10,908	10,997	108	1.7%	
56.8%	10,697	10,985	288	2.7%	
58.0%	10,639	10,947	308	2.9%	
59.3%	10,398	10,461	63	0.6%	
60.5%	10,297	10,398	101	1.0%	
61.7%	10,293	10,282	-11	-0.1%	
63.0%	10,269	10,207	-61	-0.6%	
64.2%	10,119	10,173	54	0.5%	
65.4%	9,962	10,088	126	1.3%	
66.7%	9,929	9,988	57	0.6%	
67.9%	9,748	9,788	40	0.4%	
69.1%	9,735	9,684	-51	-0.5%	
70.4%	9,692	9,554	-138	-1.4%	
71.6%	9,554	9,509	-45	-0.5%	
72.8%	9,412	9,487	75	0.8%	
74.1%	9,389	9,473	83	0.9%	
75.3%	9,308	9,363	55	0.6%	
76.5%	9,253	9,299	46	0.5%	
77.8%	8,951	9,255	304	3.4%	
79.0%	8,822	9,060	238	2.7%	
80.2%	8,762	8,835	73	0.8%	
81.5%	8,691	8,809	118	1.4%	
82.7%	8,639	8,735	95	1.1%	
84.0%	8,471	8,681	210	2.5%	
85.2%	7,993	7,900	-94	-1.2%	
86.4%	7,928	7,715	-212	-2.7%	
87.7%	7,834	7,666	-168	-2.1%	
88.9%	7,469	7,501	32	0.4%	
90.1%	7,412	7,481	69	0.9%	
91.4%	7,315	7,333	18	0.2%	
92.6%	7,059	7,266	207	2.9%	
93.8%	6,540	6,233	-403	-10.6%	
95.1%	6,523	7,215	693	10.6%	
96.3%	6,148	6,827	678	11.0%	
97.5%	5,824	6,284	460	7.9%	
98.8%	4,142	6,063	1,920	46.4%	
100.0%	2,522	2,525	3	0.1%	

July					
Percent Exceedance Probability (%)	No Action Alternative End of Month Area (ACRE)	Alternative C End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)	
0.0%	11,023	11,023	0	0.0%	
1.2%	11,023	11,023	0	0.0%	
2.5%	11,023	11,023	0	0.0%	
3.7%	11,023	11,023	0	0.0%	
4.9%	11,023	11,023	0	0.0%	
6.2%	11,023	11,023	0	0.0%	
7.4%	11,023	11,023	0	0.0%	
8.6%	11,023	11,023	0	0.0%	
9.9%	11,023	11,023	0	0.0%	
11.1%	11,023	11,023	0	0.0%	
12.3%	11,023	11,023	0	0.0%	
13.6%	11,023	10,903	-120	-1.1%	
14.8%	11,023	10,880	-143	-1.3%	
16.0%	11,023	10,870	-153	-1.4%	
17.3%	10,920	10,869	-51	-0.5%	
18.5%	10,868	10,841	-27	-0.2%	
19.8%	10,801	10,841	40	0.4%	
21.0%	10,773	10,841	68	0.6%	
22.2%	10,641	10,841	200	1.9%	
23.5%	10,571	10,835	265	2.5%	
24.7%	10,552	10,834	282	2.7%	
25.9%	10,512	10,812	299	2.8%	
27.2%	10,401	10,670	269	2.6%	
28.4%	10,145	10,599	454	4.5%	
29.6%	10,115	10,456	342	3.4%	
30.9%	10,100	10,412	312	3.1%	
32.1%	10,097	10,385	288	2.7%	
33.3%	10,082	10,357	275	2.7%	
34.6%	10,058	10,344	286	2.8%	
35.8%	10,026	10,307	281	2.8%	
37.0%	10,014	10,245	231	2.3%	
38.3%	9,961	10,200	239	2.4%	
39.5%	9,949	10,189	240	2.4%	
40.7%	9,914	10,150	236	2.4%	
42.0%	9,897	10,147	250	2.5%	
43.2%	9,889	10,082	193	2.0%	
44.4%	9,825	10,012	187	1.9%	
45.7%	9,817	10,007	190	1.9%	
46.9%	9,812	9,914	102	1.0%	
48.1%	9,757	9,897	140	1.4%	
49.4%	9,691	9,811	120	1.2%	
50.6%	9,723	9,812	89	0.9%	
51.9%	9,556	9,757	201	2.1%	
53.1%	9,535	9,713	177	1.9%	
54.3%	9,411	9,693	282	3.0%	
55.6%	9,410	9,607	197	2.1%	
56.8%	9,322	9,576	254	2.7%	
58.0%	9,270	9,535	266	2.9%	
59.3%	9,016	9,436	419	4.7%	
60.5%	8,689	9,380	692	8.0%	
61.7%	8,580	9,052	471	5.5%	
63.0%	8,422	8,942	520	6.2%	
64.2%	8,389	8,685	296	3.5%	
65.4%	8,153	8,558	405	5.0%	
66.7%	8,125	8,366	241	3.0%	
67.9%	8,059	8,343	284	3.5%	
69.1%	7,941	8,152	211	2.7%	
70.4%	7,850	8,150	299	3.8%	
71.6%	7,816	8,139	323	4.1%	
72.8%	7,744	8,066	341	4.4%	
74.1%	7,629	7,964	336	4.4%	
75.3%	7,622	7,698	76	1.0%	
76.5%	7,551	7,674	123	1.6%	
77.8%	7,456	7,439	-17	-0.2%	
79.0%	7,249	7,301	52	0.7%	
80.2%	7,211	7,274	63	0.9%	
81.5%	7,193	7,239	46	0.6%	
82.7%	7,001	7,235	233	3.3%	
84.0%	6,980	6,904	-76	-1.1%	
85.2%	6,745	6,857	112	1.7%	
86.4%	6,689	6,857	168	2.5%	
87.7%	6,681	6,829	148	2.2%	
88.9%	6,633	6,691	58	0.9%	
90.1%	6,301	6,640	339	5.4%	
91.4%	6,213	6,623	410	6.6%	
92.6%	6,077	6,571	494	7.9%	
93.8%	5,943	6,383	440	7.4%	
95.1%	5,941	6,024	83	1.4%	
96.3%	5,906	5,746	-159	-2.7%	
97.5%	4,288	5,692	1,403	32.7%	
98.8%	3,980	5,558	1,578	64.4%	
100.0%	2,091	2,091	0	0.0%	

August					
Percent Exceedance Probability (%)	No Action Alternative End of Month Area (ACRE)	Alternative C End of Month Area (ACRE)	Absolute Difference (ACRE)	Relative Difference (%)	
0.0%	10,132	10,132	0	0.0%	
1.2%	10,132	10,132	0	0.0%	
2.5%	10,132	10,132	0	0.0%	
3.7%	10,132	10,132	0	0.0%	
4.9%	10,132	10,132	0	0.0%	
6.2%	10,132	10,132	0	0.0%	
7.4%	10,132	10,132	0	0.0%	
8.6%	10,132	10,132	0	0.0%	
9.9%	10,132	10,132	0	0.0%	
11.1%	10,132	10,132	0	0.0%	
12.3%	10,132	10,132	0	0.0%	
13.6%	10,132	10,132	0	0.0%	
14.8%	10,132	10,132	0	0.0%	
16.0%	10,132	10,132	0	0.0%	
17.3%	10,132	10,132	0	0.0%	
18.5%	10,132	10,132	0	0.0%	
19.8%	10,132	10,132	0	0.0%	
21.0%	10,132	10,132	0	0.0%	
22.2%	10,132	10,132	0	0.0%	
23.5%	10,132	10,132	0	0.0%	
24.7%	10,132	10,132	0	0.0%	
25.9%	10,078	10,132	54	0.5%	
27.2%	10,016	10,095	79	0.8%	
28.4%	9,925	10,049	124	1.2%	
29.6%	9,784	10,013	229	2.3%	
30.9%	9,774	9,974	194	2.0%	
32.1%	9,772	9,949	177	1.8%	
33.3%	9,762	9,908	146	1.5%	
34.6%	9,653	9,879	226	2.3%	
35.8%	9,622	9,820	198	2.1%	
37.0%	9,573	9,788	215	2.2%	
38.3%	9,543	9,749	205	2.2%	
39.5%	9,535	9,727	193	2.0%	
40.7%	9,516	9,681	165	1.7%	
42.0%	9,467	9,607	140	1.5%	
43.2%	9,261	9,594	333	3.6%	
44.4%	9,211	9,515	304	3.3%	
45.7%	9,053	9,394	341	3.8%	
46.9%	9,004	9,377	373	4.1%	
48.1%	8,875	9,373	499	5.6%	
49.4%	8,871	9,267	396	4.5%	
50.6%	8,859	9,183	323	3.7%	
51.9%	8,852	9,113	260	2.9%	
53.1%	8,759	9,087	329	3.8%	
54.3%	8,713	9,083	370	4.2%	
55.6%	8,451	9,076	626	7.4%	
56.8%	8,441	8,821	380	4.5%	
58.0%	8,336	8,812	477	5.7%	
59.3%	8,282	8,766	484	5.8%	
60.5%	8,160	8,689	529	6.5%	
61.7%	8,022	8,689	667	8.3%	
63.0%	7,981	8,689	708	8.9%	
64.2%	7,928	8,473	545	6.9%	
65.4%	7,529	8,255	726	9.6%	
66.7%	7,509	7,977	469	6.2%	
67.9%	7,505	7,768	263	3	

Table SW-27-7a
American River below Nimbus Reservoir, Monthly Flow
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	1,498	2,745	3,268	4,368	5,068	3,686	3,255	3,461	3,526	3,640	2,501	2,679
Alternative C	1,586	2,808	3,335	4,391	5,054	3,721	3,304	3,478	3,446	3,334	2,534	2,654
Difference	88	63	67	23	-14	35	49	16	-80	-307	33	-25
Percent Difference ³	5.9%	2.3%	2.0%	0.5%	-0.3%	1.0%	1.5%	0.5%	-2.3%	-8.4%	1.3%	-0.9%
Water Year Types²												
Wet (32%)												
No Action Alternative	1,634	3,901	3,618	8,626	9,123	6,055	5,197	5,968	5,780	3,898	3,267	4,293
Alternative C	1,866	4,032	3,631	8,680	9,114	6,053	5,197	5,968	5,801	3,563	3,439	3,976
Difference	232	132	13	54	-9	-1	0	0	21	-335	172	-317
Percent Difference	14.2%	3.4%	0.4%	0.6%	-0.1%	0.0%	0.0%	0.0%	0.4%	-8.6%	5.3%	-7.4%
Above Normal (15%)												
No Action Alternative	1,525	2,743	2,900	4,521	6,203	5,332	3,454	3,649	3,255	4,415	2,632	3,088
Alternative C	1,538	2,846	3,034	4,675	6,199	5,378	3,449	3,646	3,191	4,182	2,621	2,936
Difference	13	103	134	154	-4	46	-5	-3	-64	-233	-11	-152
Percent Difference	0.9%	3.8%	4.6%	3.4%	-0.1%	0.9%	-0.2%	-0.1%	-2.0%	-5.3%	-0.4%	-4.9%
Below Normal (17%)												
No Action Alternative	1,649	3,356	3,983	2,273	4,139	2,387	2,972	2,799	2,637	4,835	2,397	2,060
Alternative C	1,670	3,439	4,038	2,308	4,034	2,379	3,109	2,854	2,588	3,996	2,337	2,631
Difference	21	83	56	35	-104	-8	137	55	-49	-839	-60	572
Percent Difference	1.3%	2.5%	1.4%	1.5%	-2.5%	-0.3%	4.6%	2.0%	-1.9%	-17.4%	-2.5%	27.8%
Dry (22%)												
No Action Alternative	1,439	1,771	4,027	1,709	1,773	2,010	1,907	1,715	2,372	3,254	2,308	1,593
Alternative C	1,545	1,745	4,179	1,588	1,802	2,092	1,902	1,740	2,235	3,140	2,139	1,626
Difference	106	-26	152	-121	29	82	-5	25	-137	-114	-169	33
Percent Difference	7.4%	-1.5%	3.8%	-7.1%	1.6%	4.1%	-0.3%	1.4%	-5.8%	-3.5%	-7.3%	2.1%
Critical (15%)												
No Action Alternative	1,089	990	906	1,423	1,175	939	1,197	1,234	1,679	1,493	1,118	1,123
Alternative C	991	974	908	1,446	1,183	1,022	1,388	1,248	1,413	1,506	1,306	1,076
Difference	-98	-16	2	24	7	83	191	14	-266	13	188	-47
Percent Difference	-9.0%	-1.6%	0.2%	1.7%	0.6%	8.8%	15.9%	1.1%	-15.9%	0.9%	16.9%	-4.2%

¹ Based on the 82-year simulation period

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

³ Relative difference of the monthly average

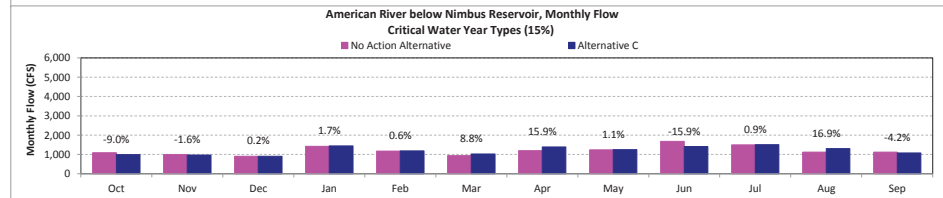
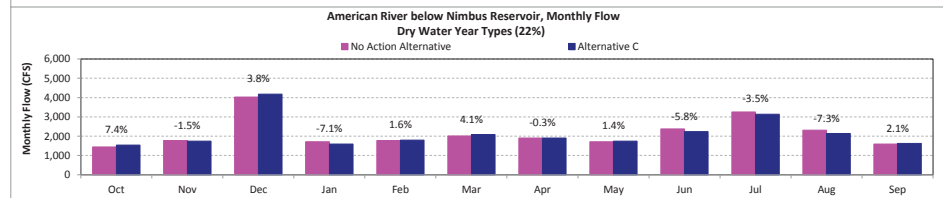
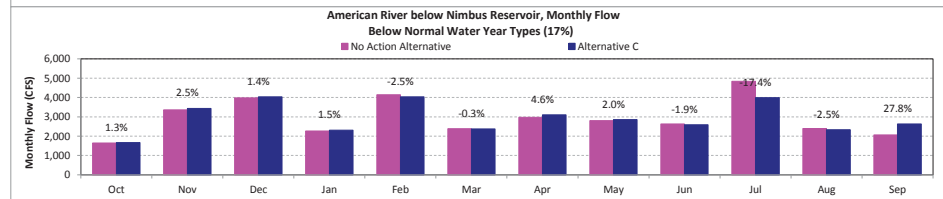
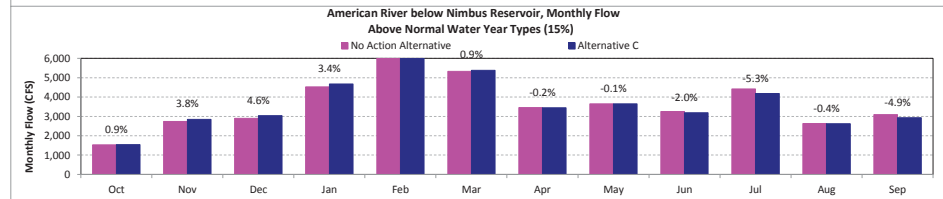
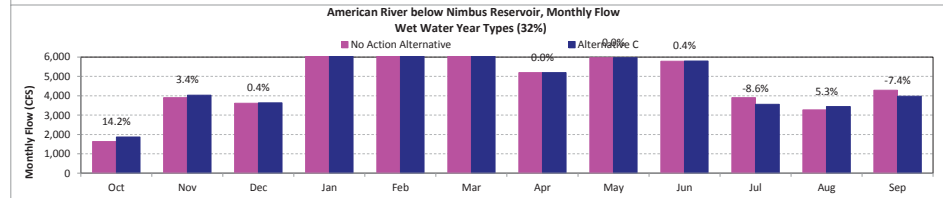
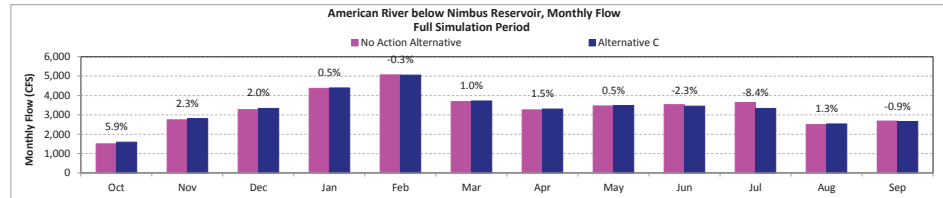


Figure SW-27-7b
American River below Nimbus Reservoir, Monthly Flow
Probability of Exceedance

