Appendix 5B4 – Regional Delivery Operations (CalSim II)

The following results of the CalSim II model are included for regional delivery operations at key project locations for the following alternatives:

- No Action Alternative 011221
- Alternative 1A 011221
- Alternative 1B 011221
- Alternative 2 011221
- Alternative 3 020121

Section	Output Parameters	Table Numbers	Figure Numbers
Delivery Ops	Total Delta Exports	5B4-1-1a to 5B4-1-4c	5B4-1-1 to 5B4-1-18
Delivery Ops	Jones PP Exports	5B4-2-1a to 5B4-2-4c	5B4-2-1 to 5B4-2-18
Delivery Ops	SWP Banks PP Exports	5B4-3-1a to 5B4-3-4c	5B4-3-1 to 5B4-3-18
Delivery Ops	CVP Banks PP Exports	5B4-4-1a to 5B4-4-4c	5B4-4-1 to 5B4-4-18
Delivery Ops	SWP and CVP Banks PP Exports	5B4-5-1a to 5B4-5-4c	5B4-5-1 to 5B4-5-18
Delivery Ops	Barker Slough Pumping Plant	5B4-6-1a to 5B4-6-4c	5B4-6-1 to 5B4-6-18
Delivery Ops	San Luis Reservoir Storage	5B4-7-1a to 5B4-7-4c	5B4-7-1 to 5B4-7-12
Delivery Ops	San Luis Reservoir Elevation	5B4-8-1a to 5B4-8-4c	5B4-8-1 to 5B4-8-12
Delivery Ops	San Luis Reservoir Surface Area	5B4-9-1a to 5B4-9-4c	5B4-9-1 to 5B4-9-12
Delivery Ops	CVP San Luis Reservoir Storage	5B4-10-1a to 5B4-10-4c	5B4-10-1 to 5B4-10-12
Delivery Ops	SWP San Luis Reservoir Storage	5B4-11-1a to 5B4-11-4c	5B4-11-1 to 5B4-11-12

Report formats

- Monthly tables comparing an alternative against the No Action alternative (exceedance values, long-term average, and average by water year type)
- Monthly pattern charts (long-term average and average by water year type) including all alternatives
- Monthly exceedance charts (all months) including all alternatives

Table 5B4-1-1a. Total Delta Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	10,322	11,280	11,714	9,216	12,179	9,337	8,051	8,949	9,643	11,401	11,013	11,280
20%	9,430	11,280	11,605	8,122	9,469	7,913	6,247	6,280	7,408	11,280	10,351	10,738
30%	8,560	11,280	11,203	7,228	8,649	7,436	4,607	4,376	5,538	11,222	10,142	10,594
40%	7,326	11,280	9,412	7,057	7,913	5,856	4,073	4,114	5,369	11,067	10,142	10,428
50%	6,760	10,540	7,717	6,902	7,007	5,445	3,660	3,791	5,122	10,645	9,727	9,580
60%	6,139	7,714	7,106	6,685	6,586	5,142	3,104	3,486	4,974	10,052	7,492	8,215
70%	5,526	6,188	6,754	6,478	6,384	4,723	2,417	3,302	4,719	8,593	5,643	6,931
80%	4,765	5,092	6,387	6,248	6,194	4,481	1,877	2,740	4,432	6,471	4,551	5,735
90%	3,738	4,169	5,475	5,294	5,965	4,190	1,432	2,111	1,275	2,324	3,233	4,089
Long Term												
Full Simulation Period[a]	6,949	8,643	8,555	7,201	7,979	6,167	4,157	4,510	5,474	8,825	7,868	8,450
Water Year Types[b,c]												
Wet (32%)	8,908	11,174	10,387	8,365	9,741	8,179	6,689	6,650	7,810	10,889	9,768	10,692
Above Normal (15%)	7,073	10,711	9,892	7,196	8,025	6,563	4,234	4,791	6,224	10,112	9,720	10,160
Below Normal (17%)	7,977	8,284	8,671	6,828	8,157	5,781	3,764	4,190	5,020	10,855	10,432	9,641
Dry (22%)	5,276	6,492	6,685	6,708	6,533	4,644	2,492	2,998	4,323	7,796	4,668	6,394
Critical (15%)	3,890	4,735	5,917	5,856	6,080	4,146	1,551	2,237	1,921	2,240	3,707	3,577

Table 5B4-1-1b. Total Delta Exports, Alternative 1A 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	10,531	11,280	11,731	9,216	12,212	9,334	8,051	9,015	9,643	11,446	11,019	11,280
20%	9,437	11,280	11,626	8,122	9,138	7,910	6,247	6,280	7,326	11,312	10,428	10,775
30%	8,567	11,280	11,001	7,228	8,649	7,436	4,568	4,379	5,538	11,233	10,142	10,655
40%	7,857	11,280	9,456	7,057	7,913	5,856	4,070	4,112	5,369	11,111	10,142	10,490
50%	7,185	10,604	7,848	6,902	7,007	5,445	3,663	3,807	5,122	10,676	9,858	9,599
60%	6,786	8,733	7,195	6,685	6,586	5,142	3,107	3,506	4,971	10,112	8,260	8,303
70%	6,099	7,009	6,865	6,478	6,384	4,734	2,438	3,312	4,700	8,954	6,280	7,687
80%	5,030	6,227	6,505	6,248	6,137	4,494	1,761	2,678	4,363	7,138	5,244	7,081
90%	3,925	4,703	5,617	5,290	5,829	4,293	1,403	2,117	1,239	3,291	4,669	5,173
Long Term												
Full Simulation Period[a]	7,282	8,972	8,621	7,215	7,946	6,173	4,142	4,507	5,474	9,200	8,270	8,827
Water Year Types[b,c]												
Wet (32%)	8,860	11,184	10,379	8,364	9,731	8,179	6,679	6,643	7,802	10,877	9,782	10,697
Above Normal (15%)	7,132	10,738	9,855	7,196	7,981	6,563	4,218	4,801	6,220	10,126	9,730	10,202
Below Normal (17%)	8,481	9,006	8,861	6,828	8,059	5,781	3,733	4,191	4,987	10,880	10,655	9,836
Dry (22%)	6,250	7,102	6,872	6,702	6,520	4,644	2,463	2,991	4,327	8,863	5,742	7,270
Critical (15%)	4,164	5,182	5,919	5,968	6,056	4,186	1,566	2,227	1,972	3,190	4,541	4,561

Table 5B4-1-1c. Total Delta Exports, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	209	0	18	0	33	-3	0	66	0	45	5	0
20%	7	0	21	0	-331	-3	0	0	-82	32	77	37
30%	8	0	-202	0	0	0	-39	3	0	11	0	62
40%	531	0	44	0	0	0	-3	-2	0	44	0	62
50%	425	65	131	0	0	0	3	17	0	31	132	19
60%	647	1,020	89	0	0	0	3	20	-4	60	767	88
70%	573	822	111	0	0	11	21	11	-20	361	637	755
80%	265	1,135	118	0	-58	13	-116	-62	-69	667	693	1,346
90%	188	534	141	-4	-136	103	-29	6	-36	967	1,436	1,085
Long Term												
Full Simulation Period[a]	334	329	66	15	-33	6	-15	-4	-1	376	402	377
Water Year Types[b,c]												
Wet (32%)	-48	9	-8	-1	-10	-1	-10	-7	-8	-12	14	5
Above Normal (15%)	60	27	-37	0	-44	0	-16	10	-4	14	10	42
Below Normal (17%)	503	721	190	0	-99	0	-31	1	-33	25	223	195
Dry (22%)	975	610	186	-5	-13	0	-29	-7	3	1,067	1,074	875
Critical (15%)	274	447	3	112	-24	41	16	-10	51	950	834	985

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-1-2a. Total Delta Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	10,322	11,280	11,714	9,216	12,179	9,337	8,051	8,949	9,643	11,401	11,013	11,280
20%	9,430	11,280	11,605	8,122	9,469	7,913	6,247	6,280	7,408	11,280	10,351	10,738
30%	8,560	11,280	11,203	7,228	8,649	7,436	4,607	4,376	5,538	11,222	10,142	10,594
40%	7,326	11,280	9,412	7,057	7,913	5,856	4,073	4,114	5,369	11,067	10,142	10,428
50%	6,760	10,540	7,717	6,902	7,007	5,445	3,660	3,791	5,122	10,645	9,727	9,580
60%	6,139	7,714	7,106	6,685	6,586	5,142	3,104	3,486	4,974	10,052	7,492	8,215
70%	5,526	6,188	6,754	6,478	6,384	4,723	2,417	3,302	4,719	8,593	5,643	6,931
80%	4,765	5,092	6,387	6,248	6,194	4,481	1,877	2,740	4,432	6,471	4,551	5,735
90%	3,738	4,169	5,475	5,294	5,965	4,190	1,432	2,111	1,275	2,324	3,233	4,089
Long Term												
Full Simulation Period[a]	6,949	8,643	8,555	7,201	7,979	6,167	4,157	4,510	5,474	8,825	7,868	8,450
Water Year Types[b,c]												
Wet (32%)	8,908	11,174	10,387	8,365	9,741	8,179	6,689	6,650	7,810	10,889	9,768	10,692
Above Normal (15%)	7,073	10,711	9,892	7,196	8,025	6,563	4,234	4,791	6,224	10,112	9,720	10,160
Below Normal (17%)	7,977	8,284	8,671	6,828	8,157	5,781	3,764	4,190	5,020	10,855	10,432	9,641
Dry (22%)	5,276	6,492	6,685	6,708	6,533	4,644	2,492	2,998	4,323	7,796	4,668	6,394
Critical (15%)	3,890	4,735	5,917	5,856	6,080	4,146	1,551	2,237	1,921	2,240	3,707	3,577

Table 5B4-1-2b. Total Delta Exports, Alternative 1B 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	10,526	11,280	11,713	9,216	12,280	9,334	8,051	9,152	9,643	11,446	11,020	11,280
20%	9,438	11,280	11,605	8,122	9,200	7,910	6,247	6,280	7,326	11,312	10,432	10,874
30%	8,688	11,280	10,837	7,228	8,649	7,310	4,568	4,379	5,538	11,233	10,142	10,712
40%	7,864	11,280	9,412	7,057	7,913	5,856	4,014	4,112	5,369	11,097	10,142	10,531
50%	7,171	10,677	7,848	6,902	7,007	5,445	3,663	3,809	5,122	10,693	9,869	9,599
60%	6,766	8,822	7,196	6,685	6,586	5,142	3,107	3,506	4,970	10,147	8,268	8,336
70%	6,076	7,159	6,838	6,478	6,384	4,734	2,438	3,298	4,700	8,990	6,349	7,775
80%	5,042	6,071	6,311	6,248	6,137	4,482	1,779	2,681	4,360	7,199	5,200	7,002
90%	3,952	4,801	5,612	5,290	5,906	4,293	1,403	2,127	1,745	3,241	4,477	5,047
Long Term												
Full Simulation Period[a]	7,279	9,017	8,512	7,197	7,957	6,173	4,148	4,513	5,488	9,216	8,270	8,828
Water Year Types[b,c]												
Wet (32%)	8,874	11,184	10,437	8,364	9,735	8,167	6,675	6,642	7,802	10,877	9,783	10,698
Above Normal (15%)	7,208	10,754	9,863	7,196	7,997	6,564	4,262	4,822	6,220	10,131	9,732	10,261
Below Normal (17%)	8,391	9,003	8,862	6,828	8,060	5,781	3,717	4,187	4,977	10,853	10,632	9,903
Dry (22%)	6,278	7,287	6,230	6,695	6,535	4,644	2,479	3,011	4,400	8,944	5,779	7,206
Critical (15%)	4,096	5,199	6,003	5,856	6,078	4,211	1,568	2,224	1,968	3,198	4,513	4,523

Table 5B4-1-2c. Total Delta Exports, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	203	0	-1	0	101	-3	0	203	0	45	7	0
20%	7	0	0	0	-269	-3	1	0	-82	32	81	136
30%	129	0	-366	0	0	-127	-39	3	0	11	0	119
40%	538	0	0	0	0	0	-59	-2	0	29	0	103
50%	412	138	131	0	0	0	3	18	0	48	142	19
60%	628	1,108	89	0	0	0	3	20	-4	95	775	120
70%	550	971	84	0	0	11	21	-4	-19	397	706	843
80%	277	979	-76	0	-58	1	-98	-59	-72	728	649	1,267
90%	215	632	137	-4	-60	103	-29	16	470	917	1,244	958
Long Term												
Full Simulation Period[a]	330	374	-43	-3	-22	6	-9	3	13	391	402	378
Water Year Types[b,c]												
Wet (32%)	-34	9	50	-1	-5	-12	-14	-7	-8	-11	15	6
Above Normal (15%)	135	43	-29	0	-28	1	28	32	-4	19	12	101
Below Normal (17%)	414	718	191	0	-98	0	-47	-3	-43	-2	199	263
Dry (22%)	1,002	795	-455	-12	2	0	-13	13	77	1,148	1,111	812
Critical (15%)	205	464	86	0	-2	65	17	-13	46	958	806	946

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-1-3a. Total Delta Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	10,322	11,280	11,714	9,216	12,179	9,337	8,051	8,949	9,643	11,401	11,013	11,280
20%	9,430	11,280	11,605	8,122	9,469	7,913	6,247	6,280	7,408	11,280	10,351	10,738
30%	8,560	11,280	11,203	7,228	8,649	7,436	4,607	4,376	5,538	11,222	10,142	10,594
40%	7,326	11,280	9,412	7,057	7,913	5,856	4,073	4,114	5,369	11,067	10,142	10,428
50%	6,760	10,540	7,717	6,902	7,007	5,445	3,660	3,791	5,122	10,645	9,727	9,580
60%	6,139	7,714	7,106	6,685	6,586	5,142	3,104	3,486	4,974	10,052	7,492	8,215
70%	5,526	6,188	6,754	6,478	6,384	4,723	2,417	3,302	4,719	8,593	5,643	6,931
80%	4,765	5,092	6,387	6,248	6,194	4,481	1,877	2,740	4,432	6,471	4,551	5,735
90%	3,738	4,169	5,475	5,294	5,965	4,190	1,432	2,111	1,275	2,324	3,233	4,089
Long Term												
Full Simulation Period[a]	6,949	8,643	8,555	7,201	7,979	6,167	4,157	4,510	5,474	8,825	7,868	8,450
Water Year Types[b,c]												
Wet (32%)	8,908	11,174	10,387	8,365	9,741	8,179	6,689	6,650	7,810	10,889	9,768	10,692
Above Normal (15%)	7,073	10,711	9,892	7,196	8,025	6,563	4,234	4,791	6,224	10,112	9,720	10,160
Below Normal (17%)	7,977	8,284	8,671	6,828	8,157	5,781	3,764	4,190	5,020	10,855	10,432	9,641
Dry (22%)	5,276	6,492	6,685	6,708	6,533	4,644	2,492	2,998	4,323	7,796	4,668	6,394
Critical (15%)	3,890	4,735	5,917	5,856	6,080	4,146	1,551	2,237	1,921	2,240	3,707	3,577

Table 5B4-1-3b. Total Delta Exports, Alternative 2 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	10,534	11,280	11,731	9,216	12,212	9,334	8,051	9,140	9,643	11,446	11,022	11,280
20%	9,500	11,280	11,626	8,122	9,148	7,910	6,247	6,280	7,326	11,312	10,428	10,775
30%	8,691	11,280	10,996	7,228	8,649	7,436	4,568	4,379	5,538	11,233	10,142	10,656
40%	7,898	11,280	9,460	7,057	7,913	5,856	4,070	4,112	5,369	11,117	10,142	10,490
50%	7,184	10,604	7,848	6,902	7,007	5,445	3,663	3,807	5,122	10,723	9,858	9,580
60%	6,700	8,732	7,198	6,685	6,586	5,142	3,107	3,506	4,971	10,113	8,259	8,240
70%	5,981	7,049	6,865	6,478	6,384	4,734	2,438	3,313	4,700	8,973	6,251	7,531
80%	4,925	5,759	6,486	6,248	6,170	4,494	1,761	2,678	4,363	7,198	5,163	7,028
90%	3,937	4,700	5,662	5,290	5,906	4,293	1,403	2,117	1,257	3,293	4,458	5,017
Long Term												
Full Simulation Period[a]	7,245	8,949	8,626	7,199	7,955	6,179	4,141	4,508	5,474	9,189	8,243	8,798
Water Year Types[b,c]												
Wet (32%)	8,884	11,184	10,379	8,364	9,731	8,177	6,679	6,642	7,802	10,878	9,781	10,697
Above Normal (15%)	7,132	10,744	9,854	7,196	7,985	6,563	4,216	4,812	6,220	10,127	9,730	10,202
Below Normal (17%)	8,467	9,026	8,865	6,828	8,059	5,781	3,728	4,191	4,987	10,880	10,650	9,819
Dry (22%)	6,111	6,969	6,876	6,702	6,544	4,644	2,463	2,991	4,328	8,844	5,727	7,227
Critical (15%)	4,081	5,194	5,947	5,853	6,075	4,237	1,567	2,227	1,973	3,136	4,388	4,444

Table 5B4-1-3c. Total Delta Exports, Alternative 2 011221 minus No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	212	0	18	0	33	-3	0	190	0	45	9	0
20%	69	0	21	0	-321	-3	0	0	-82	32	77	37
30%	131	0	-207	0	0	0	-39	3	0	11	0	62
40%	572	0	48	0	0	0	-3	-2	0	50	0	62
50%	424	65	131	0	0	0	2	17	0	78	132	0
60%	561	1,019	91	0	0	0	3	20	-4	61	767	25
70%	455	862	111	0	0	11	21	11	-19	380	608	600
80%	159	666	99	0	-25	13	-116	-62	-69	727	612	1,293
90%	200	531	187	-4	-60	103	-29	6	-18	970	1,225	928
Long Term												
Full Simulation Period[a]	296	306	71	-2	-24	12	-16	-2	0	364	375	348
Water Year Types[b,c]												
Wet (32%)	-24	9	-8	-1	-10	-3	-10	-7	-8	-11	13	5
Above Normal (15%)	59	33	-38	0	-40	0	-18	22	-4	15	10	42
Below Normal (17%)	490	741	194	0	-99	0	-35	1	-34	25	217	178
Dry (22%)	835	477	190	-6	11	0	-29	-7	5	1,049	1,059	833
Critical (15%)	191	460	30	-3	-5	91	16	-10	52	897	681	867

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-1-4a. Total Delta Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	10,322	11,280	11,714	9,216	12,179	9,337	8,051	8,949	9,643	11,401	11,013	11,280
20%	9,430	11,280	11,605	8,122	9,469	7,913	6,247	6,280	7,408	11,280	10,351	10,738
30%	8,560	11,280	11,203	7,228	8,649	7,436	4,607	4,376	5,538	11,222	10,142	10,594
40%	7,326	11,280	9,412	7,057	7,913	5,856	4,073	4,114	5,369	11,067	10,142	10,428
50%	6,760	10,540	7,717	6,902	7,007	5,445	3,660	3,791	5,122	10,645	9,727	9,580
60%	6,139	7,714	7,106	6,685	6,586	5,142	3,104	3,486	4,974	10,052	7,492	8,215
70%	5,526	6,188	6,754	6,478	6,384	4,723	2,417	3,302	4,719	8,593	5,643	6,931
80%	4,765	5,092	6,387	6,248	6,194	4,481	1,877	2,740	4,432	6,471	4,551	5,735
90%	3,738	4,169	5,475	5,294	5,965	4,190	1,432	2,111	1,275	2,324	3,233	4,089
Long Term												
Full Simulation Period[a]	6,949	8,643	8,555	7,201	7,979	6,167	4,157	4,510	5,474	8,825	7,868	8,450
Water Year Types[b,c]												
Wet (32%)	8,908	11,174	10,387	8,365	9,741	8,179	6,689	6,650	7,810	10,889	9,768	10,692
Above Normal (15%)	7,073	10,711	9,892	7,196	8,025	6,563	4,234	4,791	6,224	10,112	9,720	10,160
Below Normal (17%)	7,977	8,284	8,671	6,828	8,157	5,781	3,764	4,190	5,020	10,855	10,432	9,641
Dry (22%)	5,276	6,492	6,685	6,708	6,533	4,644	2,492	2,998	4,323	7,796	4,668	6,394
Critical (15%)	3,890	4,735	5,917	5,856	6,080	4,146	1,551	2,237	1,921	2,240	3,707	3,577

Table 5B4-1-4b. Total Delta Exports, Alternative 3 020121, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	10,713	11,280	11,731	9,216	12,280	9,332	8,051	8,495	9,643	11,441	11,035	11,280
20%	9,787	11,280	11,637	8,122	9,526	7,909	6,255	6,280	7,326	11,312	10,433	10,825
30%	8,513	11,280	11,463	7,228	8,649	7,260	4,568	4,379	5,538	11,233	10,142	10,708
40%	7,880	11,280	9,806	7,057	7,913	5,856	4,019	4,112	5,369	11,157	10,142	10,489
50%	7,182	10,724	7,923	6,902	7,007	5,445	3,663	3,809	5,122	10,769	9,886	9,673
60%	6,900	8,626	7,251	6,685	6,586	5,142	3,107	3,506	4,934	10,274	8,280	8,763
70%	6,163	6,640	6,801	6,478	6,384	4,734	2,438	3,316	4,700	8,819	6,345	7,302
80%	4,999	5,952	6,318	6,248	6,276	4,494	1,843	2,712	4,363	7,514	5,075	6,978
90%	3,756	5,095	5,645	5,290	5,918	4,293	1,433	2,201	1,648	3,452	4,142	4,834
Long Term												
Full Simulation Period[a]	7,303	8,964	8,699	7,181	7,974	6,169	4,150	4,497	5,487	9,198	8,236	8,808
Water Year Types[b,c]												
Wet (32%)	8,873	11,184	10,442	8,363	9,734	8,162	6,679	6,549	7,802	10,881	9,763	10,675
Above Normal (15%)	7,703	10,736	9,909	7,196	8,056	6,580	4,244	4,823	6,220	10,173	9,747	10,497
Below Normal (17%)	8,503	8,961	8,760	6,828	8,078	5,781	3,720	4,186	4,994	10,882	10,632	9,933
Dry (22%)	6,236	7,115	7,170	6,665	6,550	4,644	2,488	3,068	4,410	8,869	5,582	7,142
Critical (15%)	3,704	5,161	5,934	5,792	6,094	4,178	1,574	2,235	1,932	3,107	4,603	4,263

Table 5B4-1-4c. Total Delta Exports, Alternative 3 020121 minus No Action Alternative 011221, Monthly Delivery (cfs)

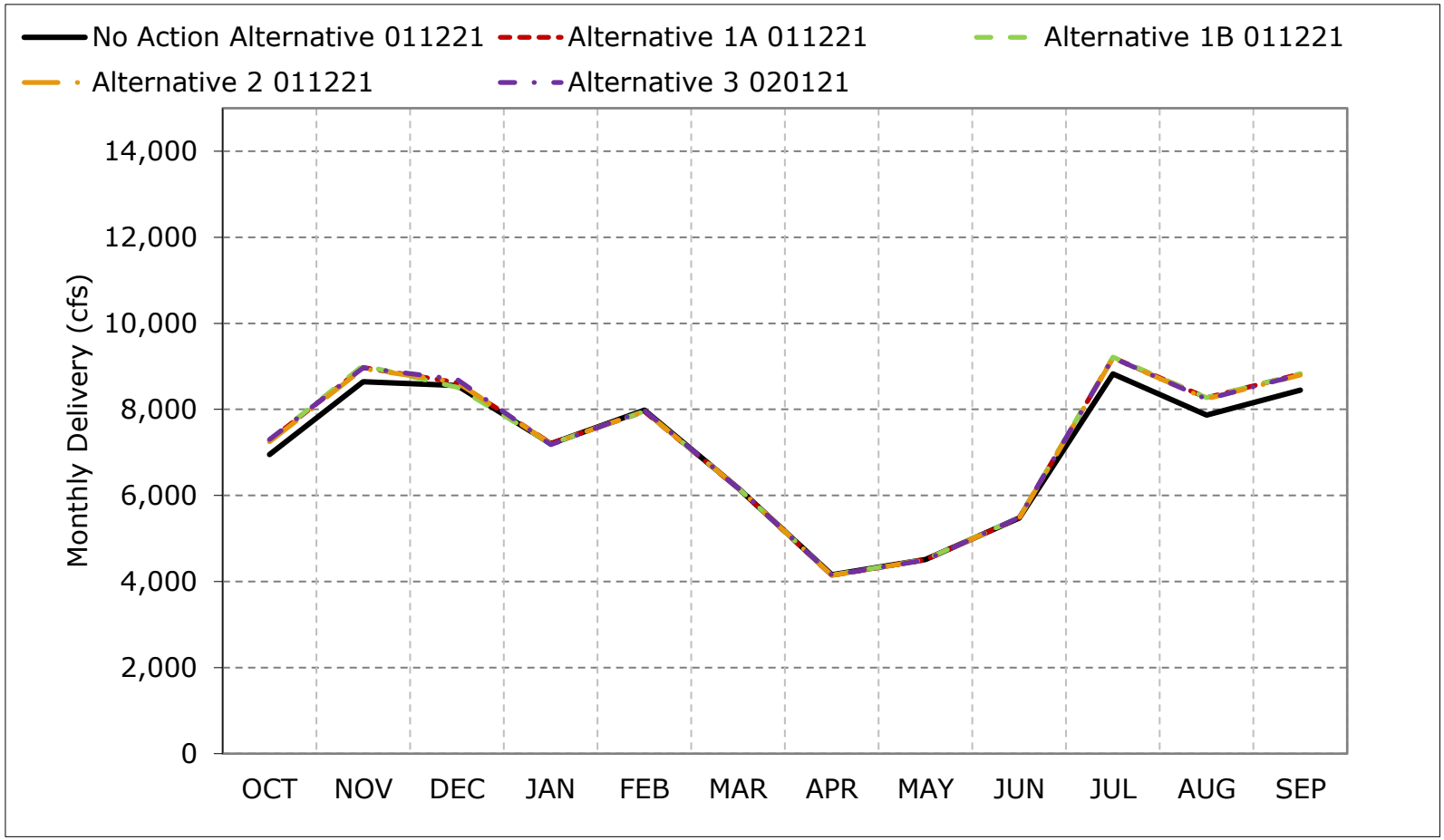
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	391	0	18	0	100	-5	0	-454	0	40	21	0
20%	357	0	32	0	57	-3	8	0	-82	32	82	87
30%	-47	0	259	0	0	-176	-39	3	0	11	0	115
40%	554	0	394	0	0	0	-54	-2	0	90	0	61
50%	423	184	205	0	0	0	2	19	0	124	159	92
60%	762	912	145	0	0	0	3	20	-40	222	788	548
70%	637	453	47	0	0	11	22	14	-19	227	703	371
80%	234	860	-68	0	82	14	-34	-27	-69	1,042	525	1,243
90%	18	925	169	-4	-48	103	1	90	373	1,128	909	745
Long Term												
Full Simulation Period[a]	354	321	144	-19	-6	2	-6	-13	13	374	368	358
Water Year Types[b,c]												
Wet (32%)	-35	10	54	-2	-7	-17	-10	-101	-8	-7	-5	-17
Above Normal (15%)	630	25	17	0	31	16	10	32	-4	60	27	336
Below Normal (17%)	526	676	90	0	-80	1	-44	-4	-26	28	199	293
Dry (22%)	961	623	485	-43	17	0	-4	69	87	1,073	914	747
Critical (15%)	-186	426	18	-64	14	32	24	-2	11	867	896	686

a Based on the 82-year simulation period.

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

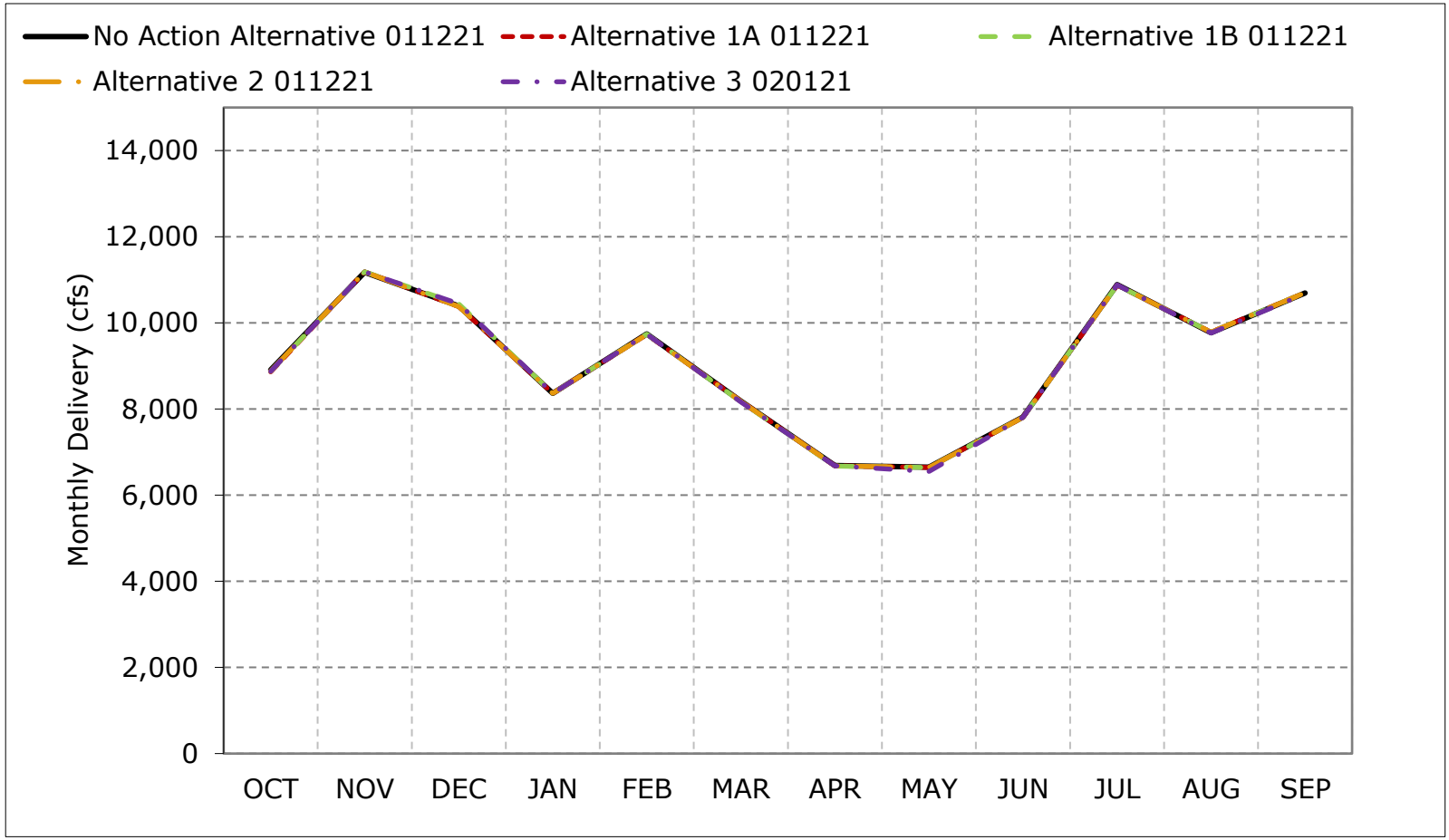
c These results are displayed with calendar year - year type sorting.

Figure 5B4-1-1. Total Delta Exports, Long-Term Average Delivery



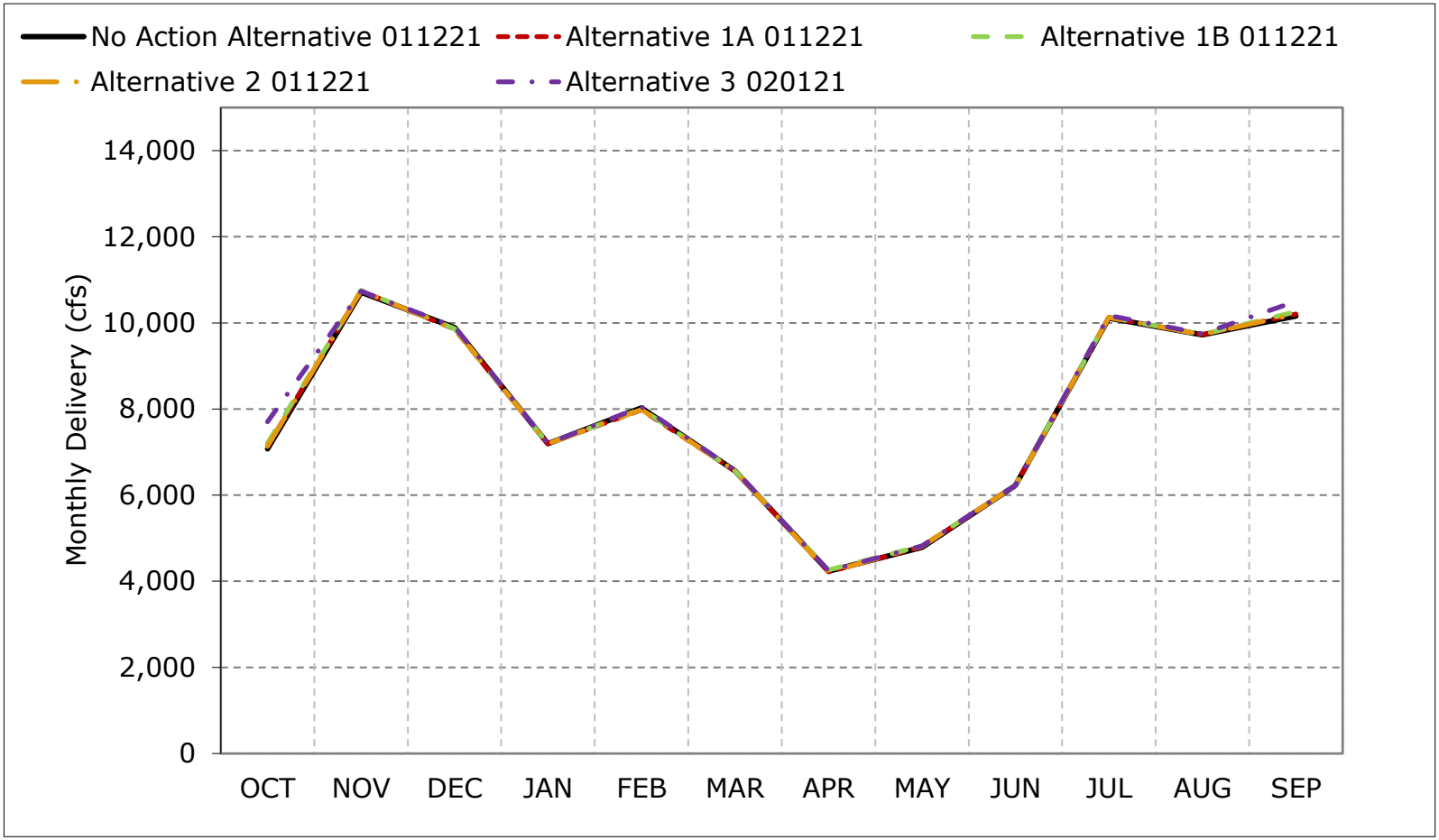
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-1-2. Total Delta Exports, Wet Year Average Delivery



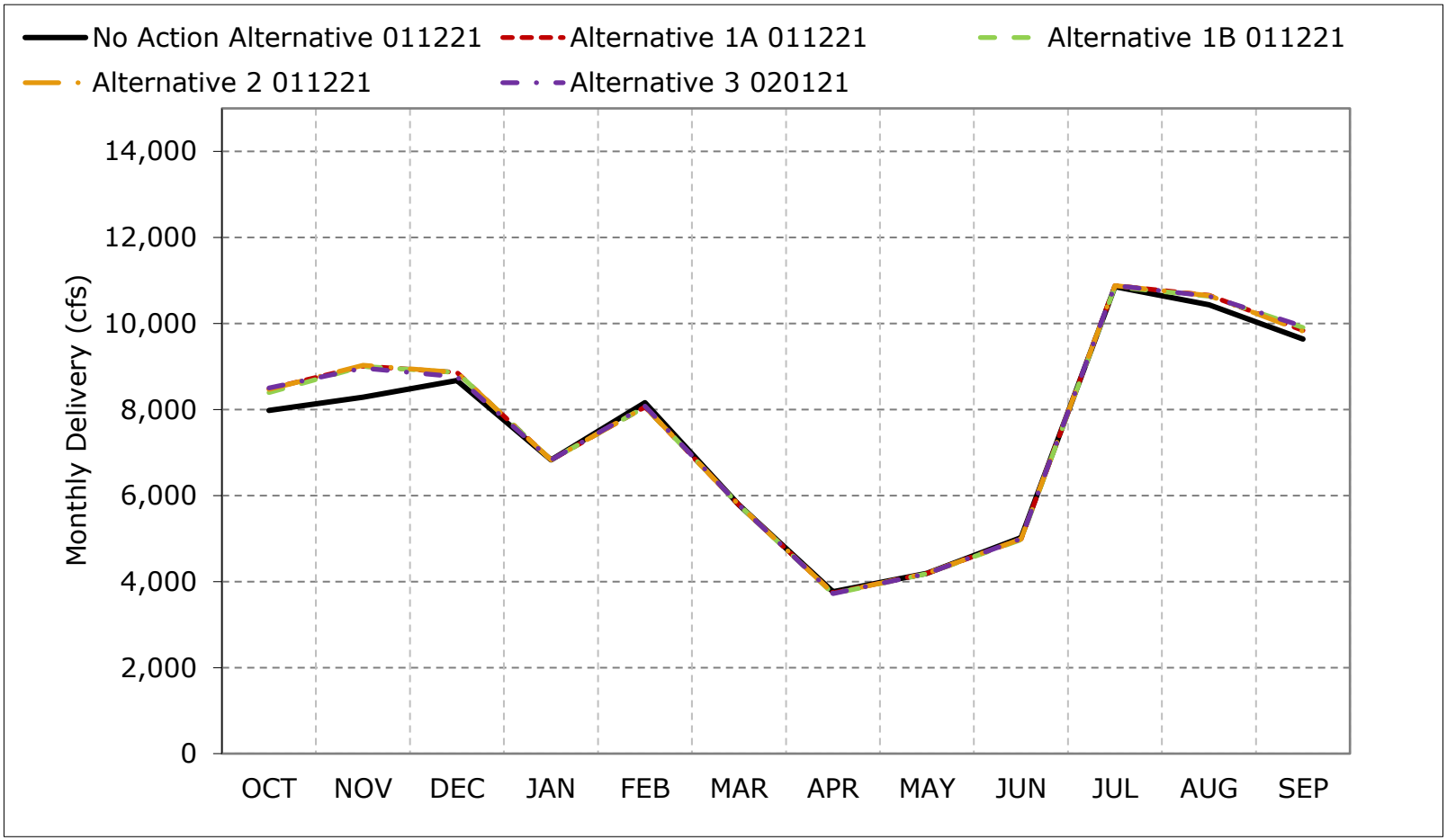
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-1-3. Total Delta Exports, Above Normal Year Average Delivery



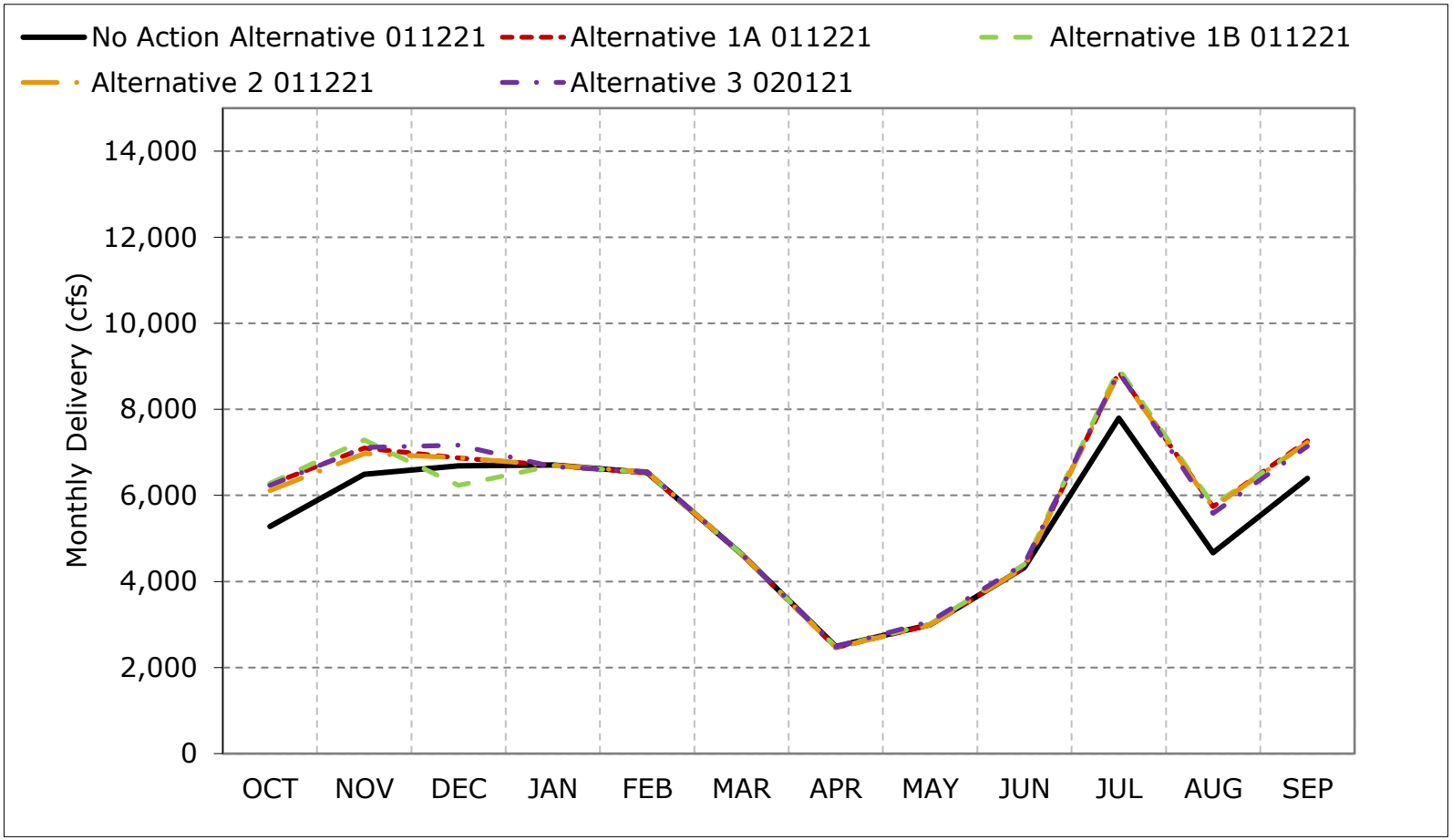
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-1-4. Total Delta Exports, Below Normal Year Average Delivery



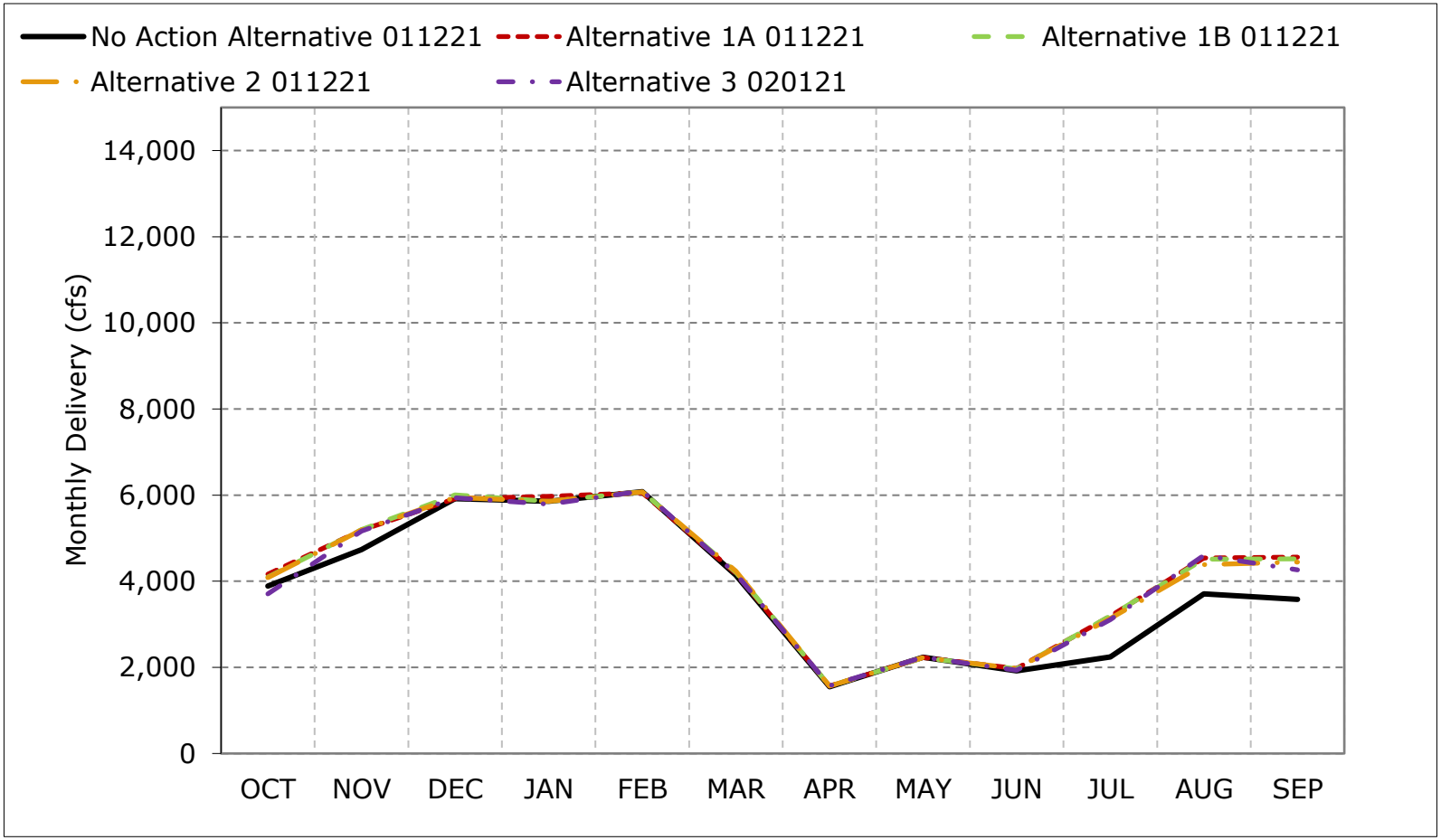
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-1-5. Total Delta Exports, Dry Year Average Delivery



*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-1-6. Total Delta Exports, Critical Year Average Delivery



*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-1-7. Total Delta Exports, October

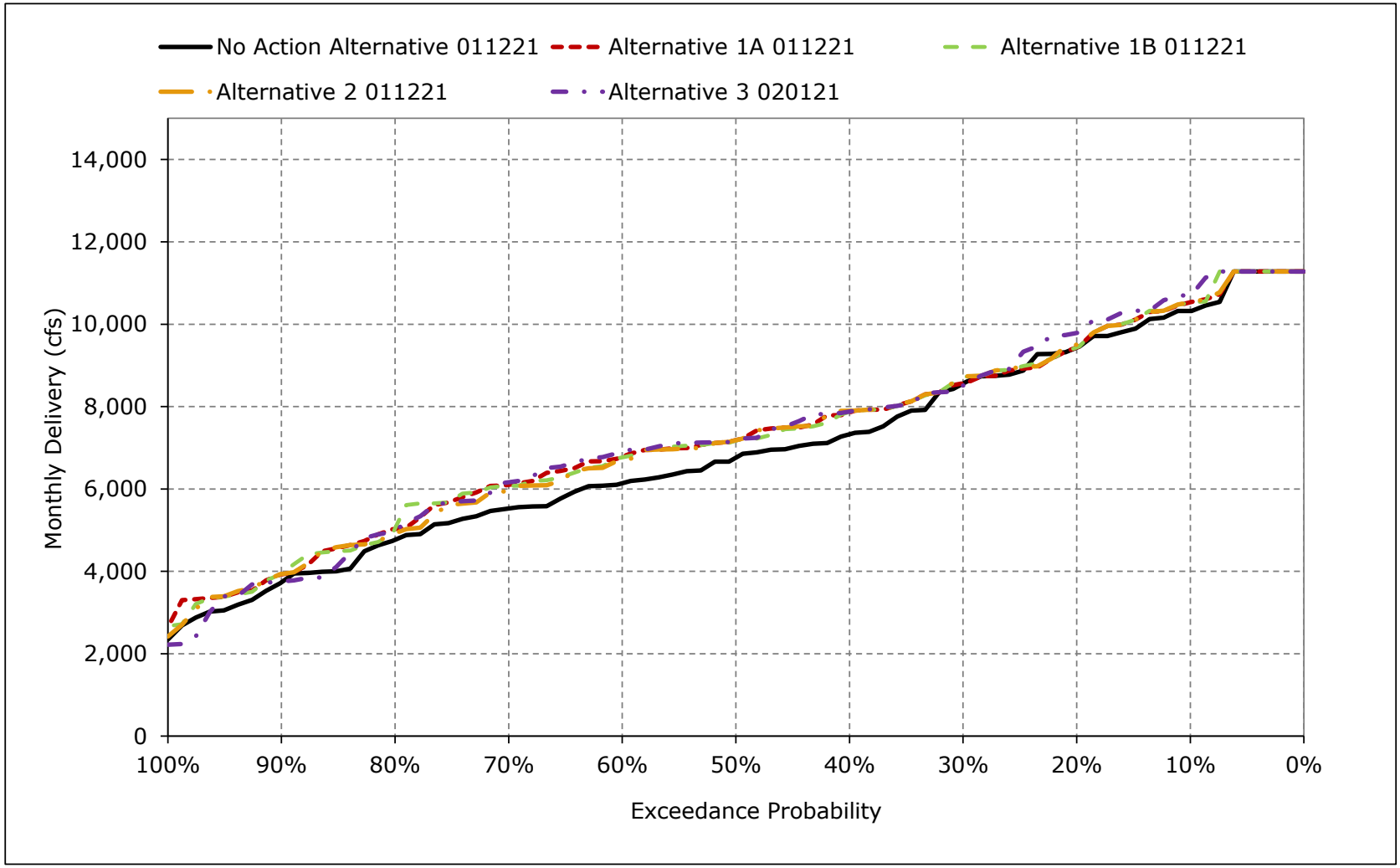


Figure 5B4-1-8. Total Delta Exports, November

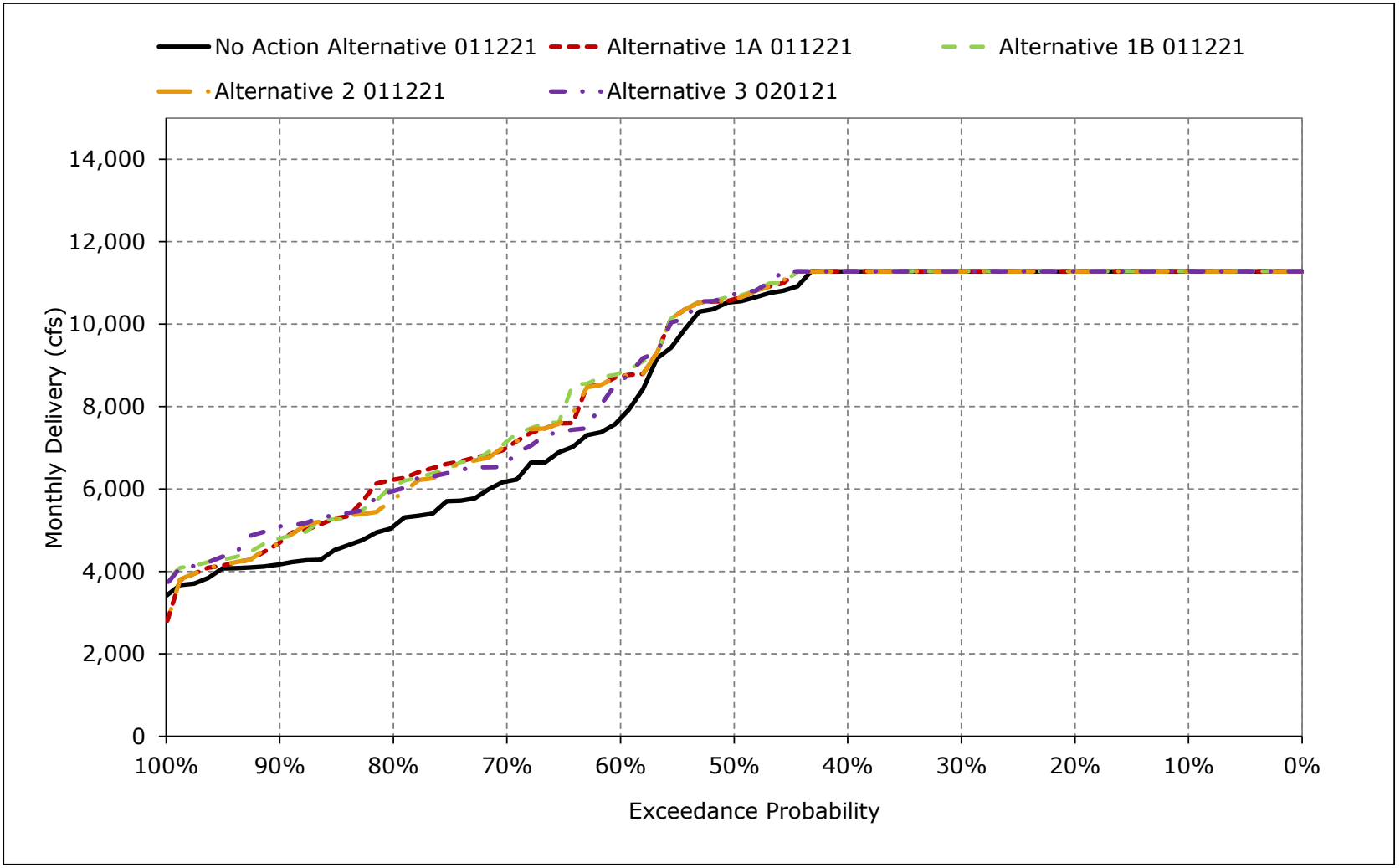


Figure 5B4-1-9. Total Delta Exports, December

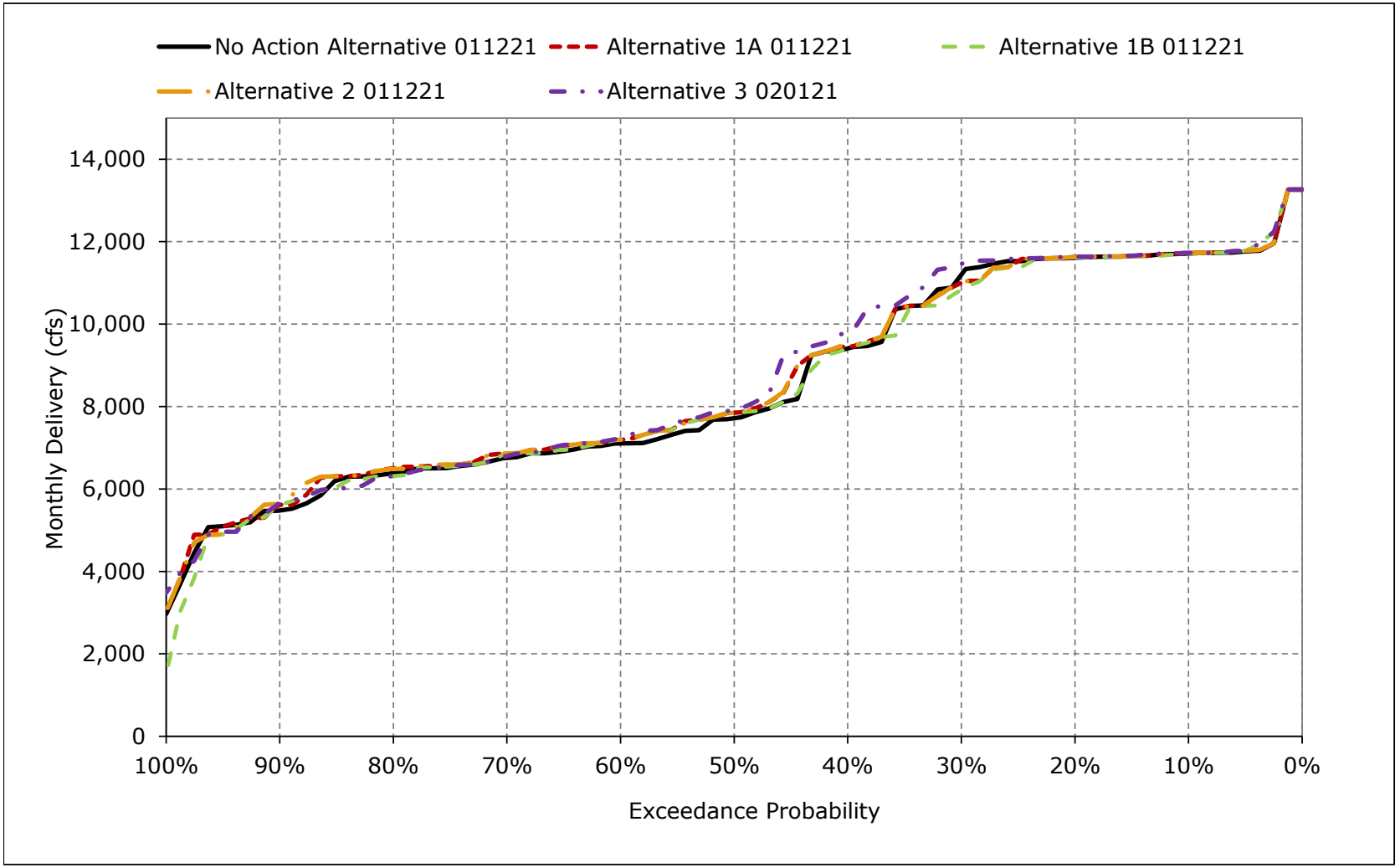


Figure 5B4-1-10. Total Delta Exports, January

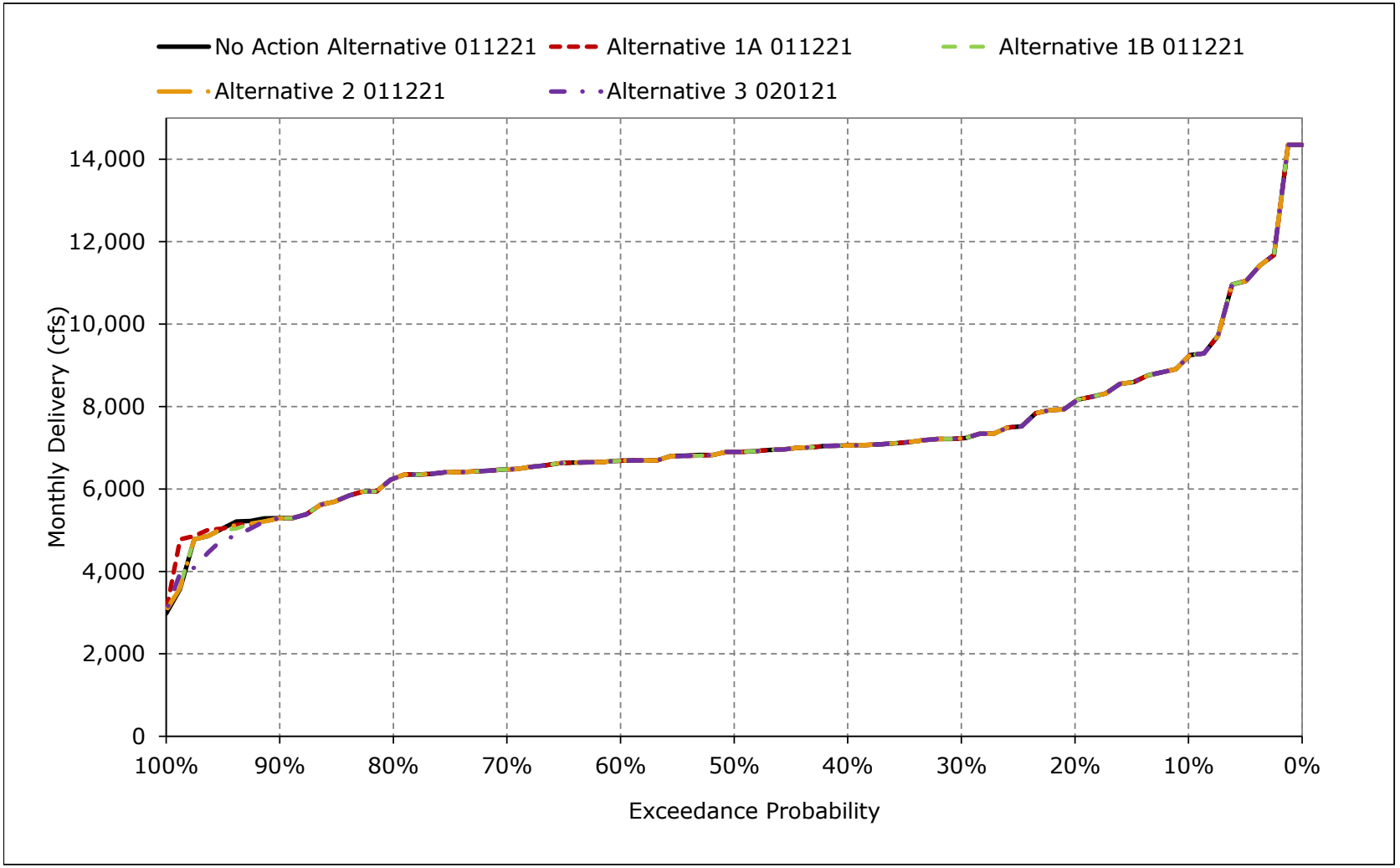


Figure 5B4-1-11. Total Delta Exports, February

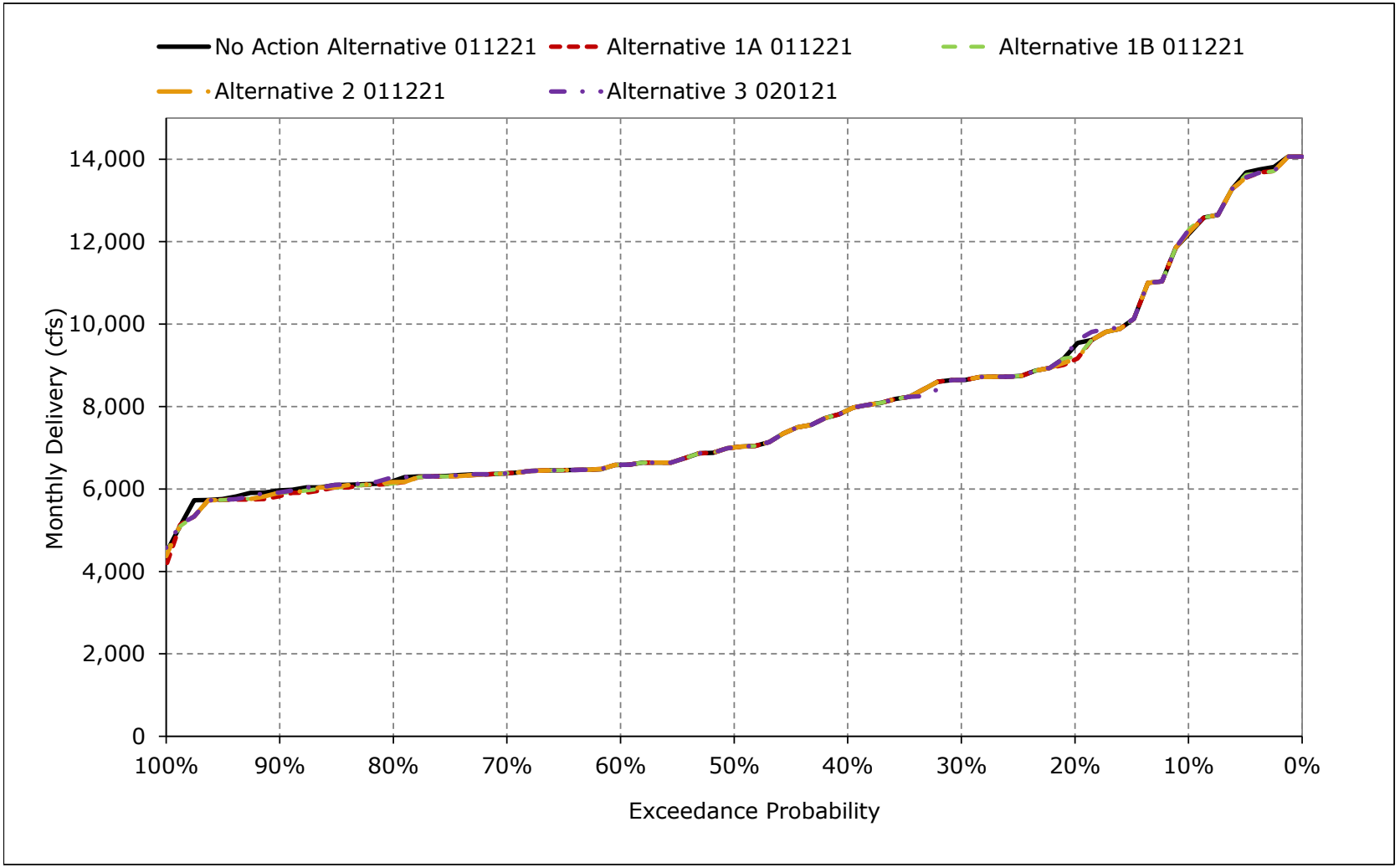


Figure 5B4-1-12. Total Delta Exports, March

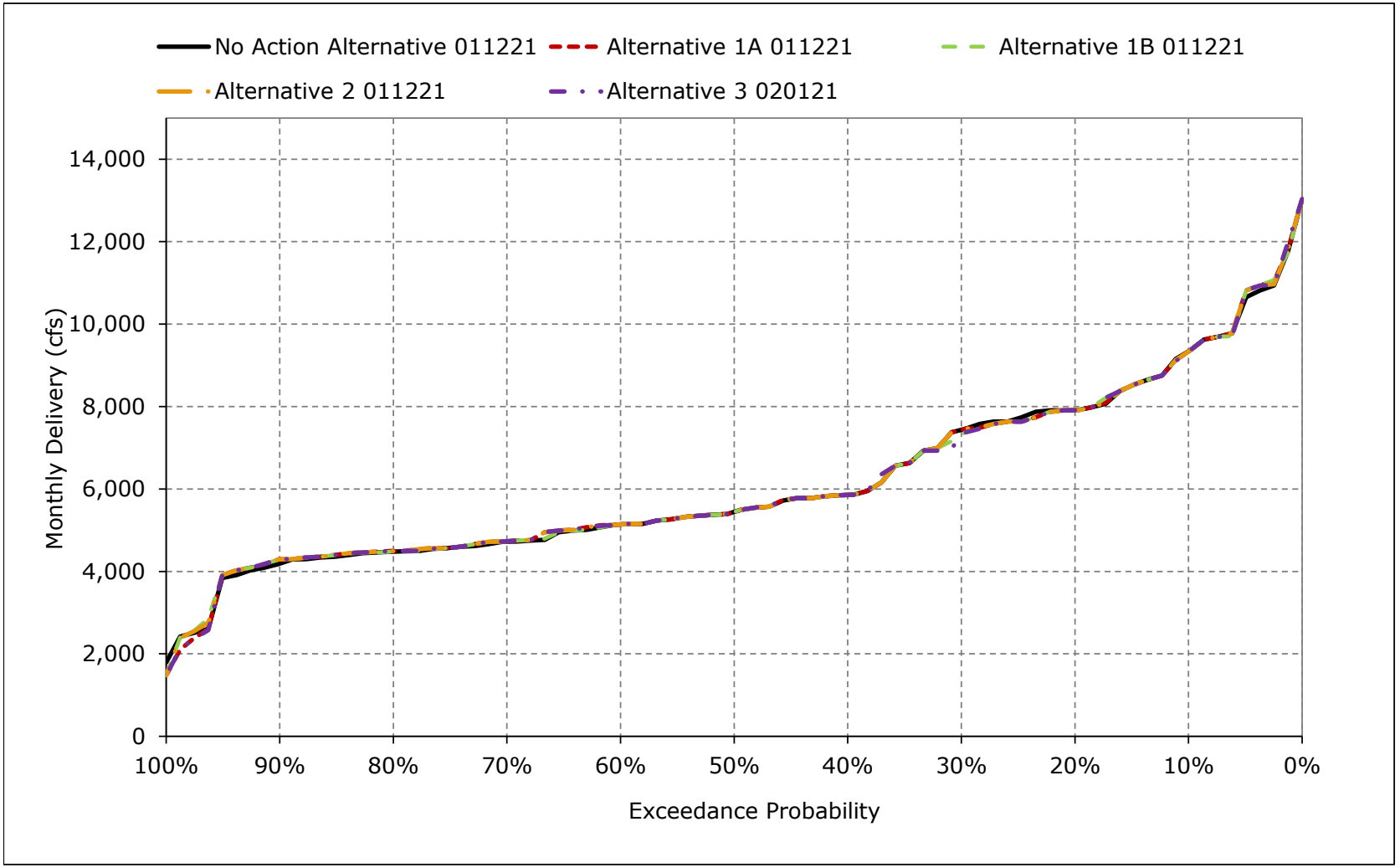


Figure 5B4-1-13. Total Delta Exports, April

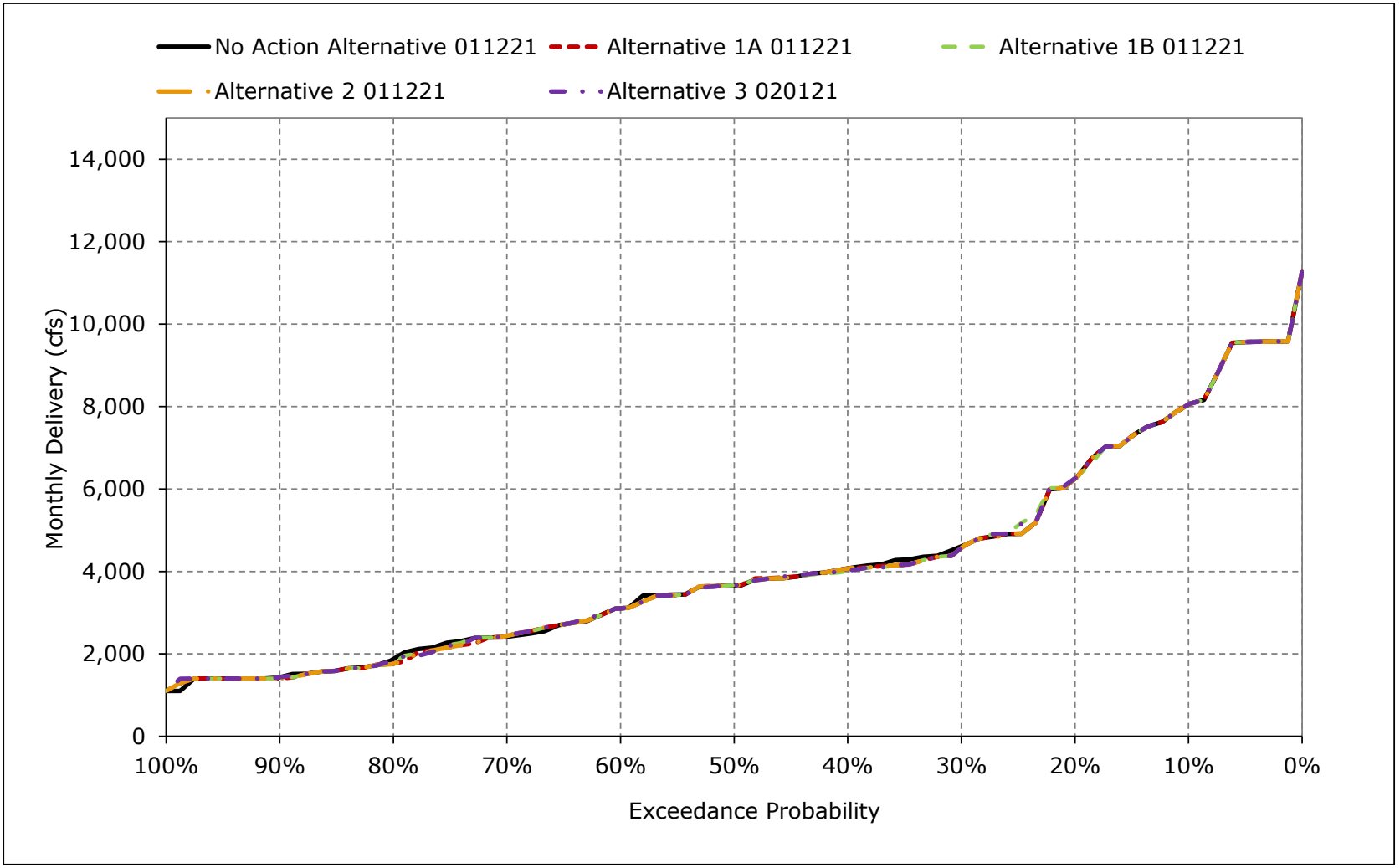


Figure 5B4-1-14. Total Delta Exports, May

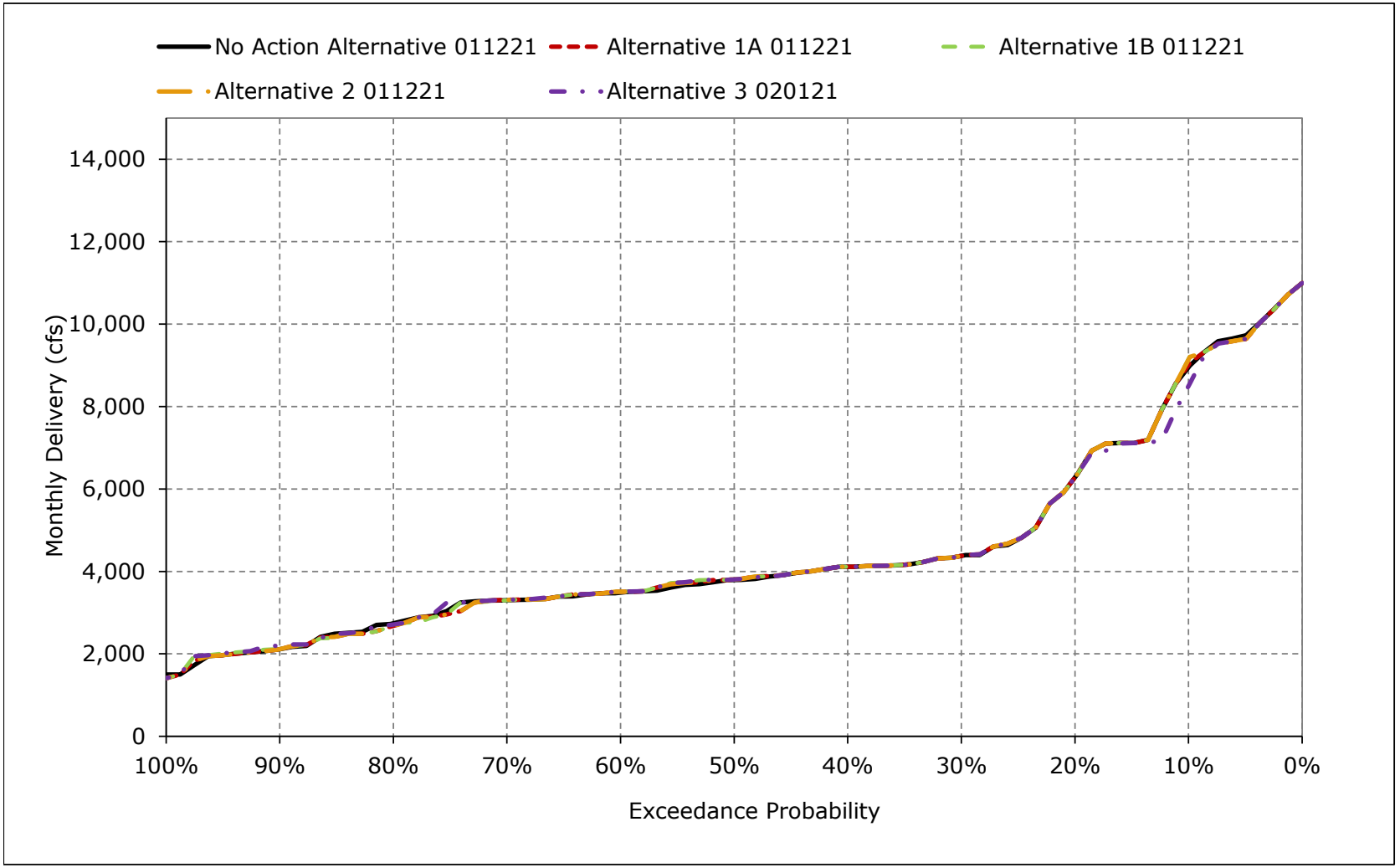


Figure 5B4-1-15. Total Delta Exports, June

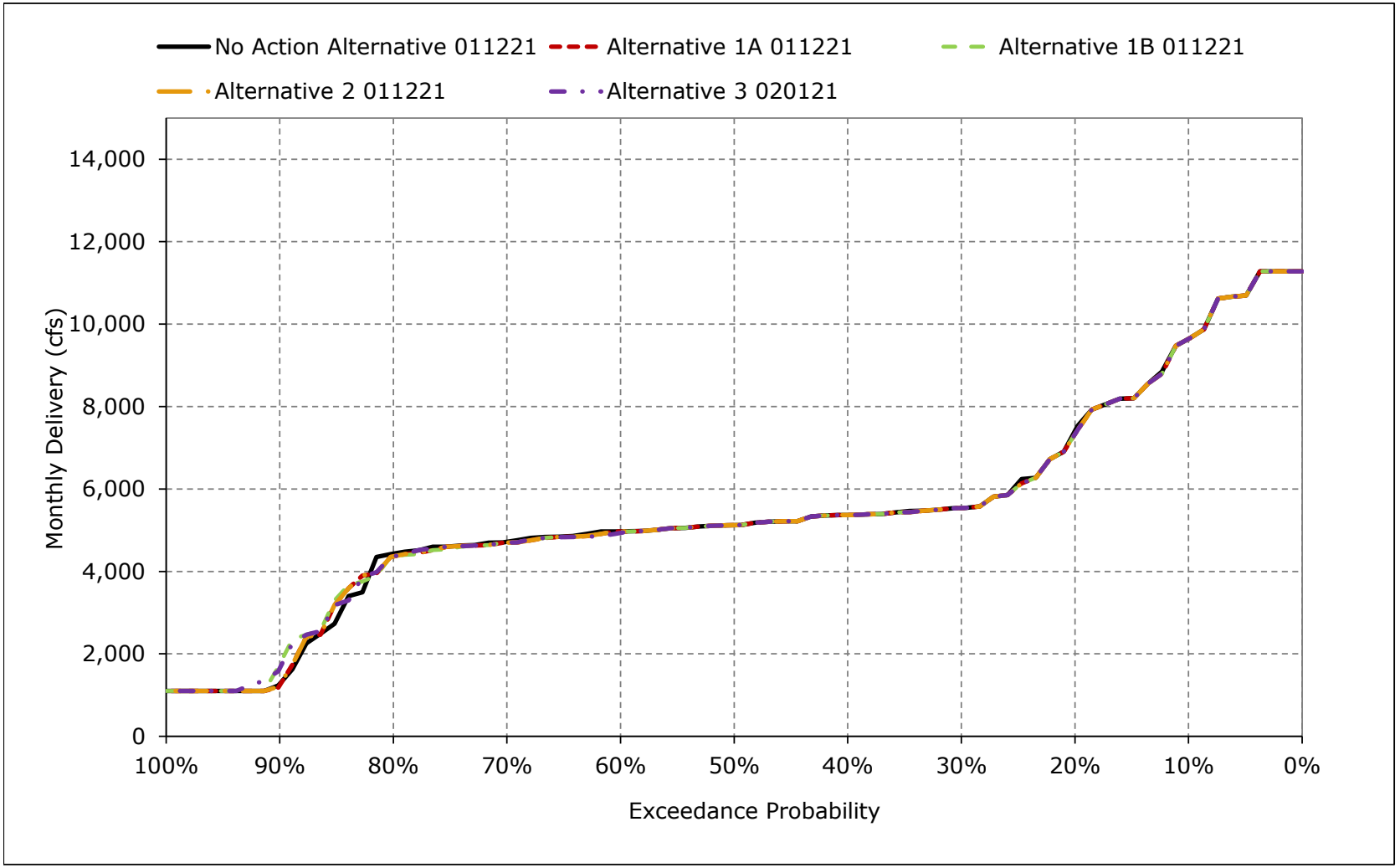


Figure 5B4-1-16. Total Delta Exports, July

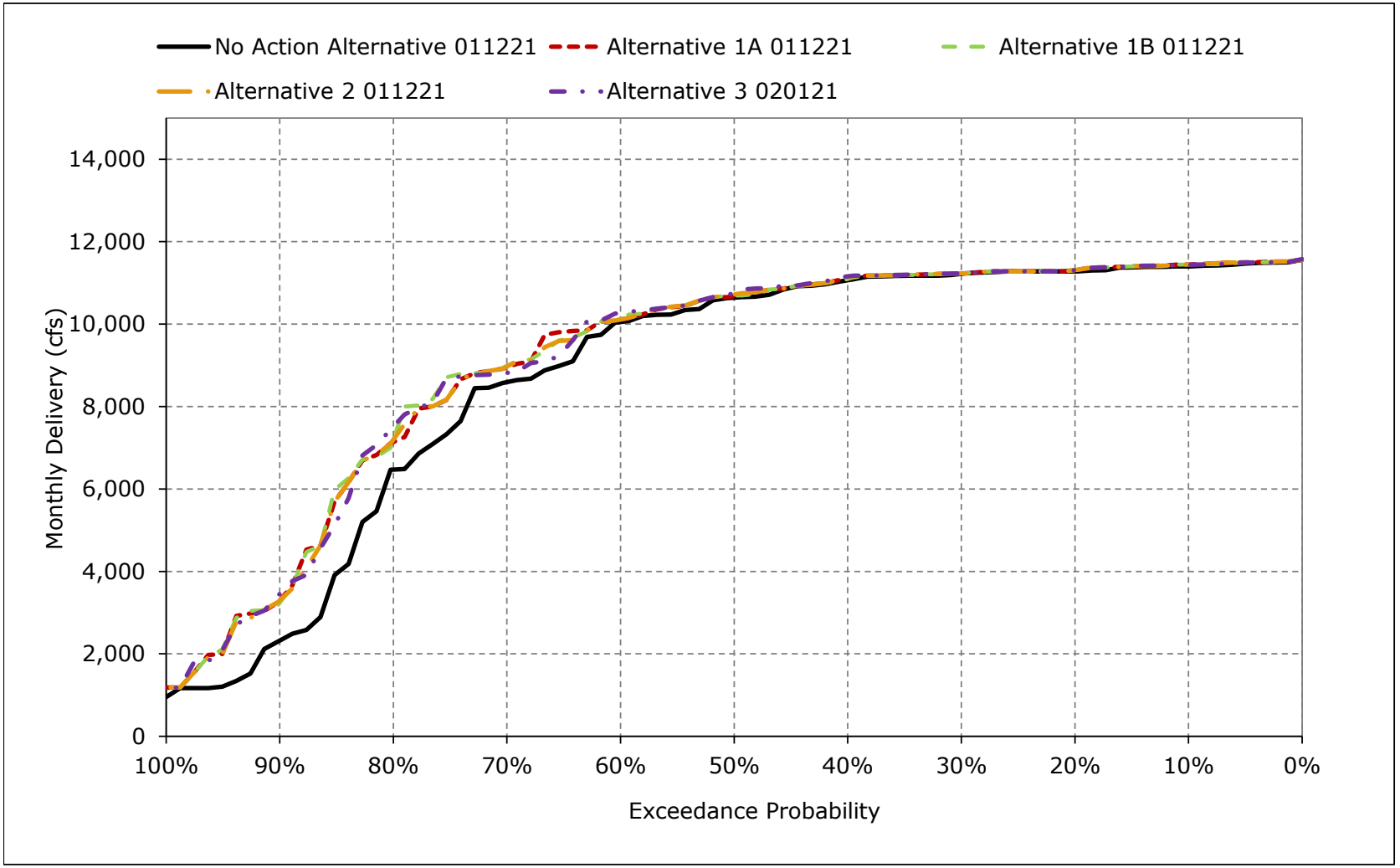


Figure 5B4-1-17. Total Delta Exports, August

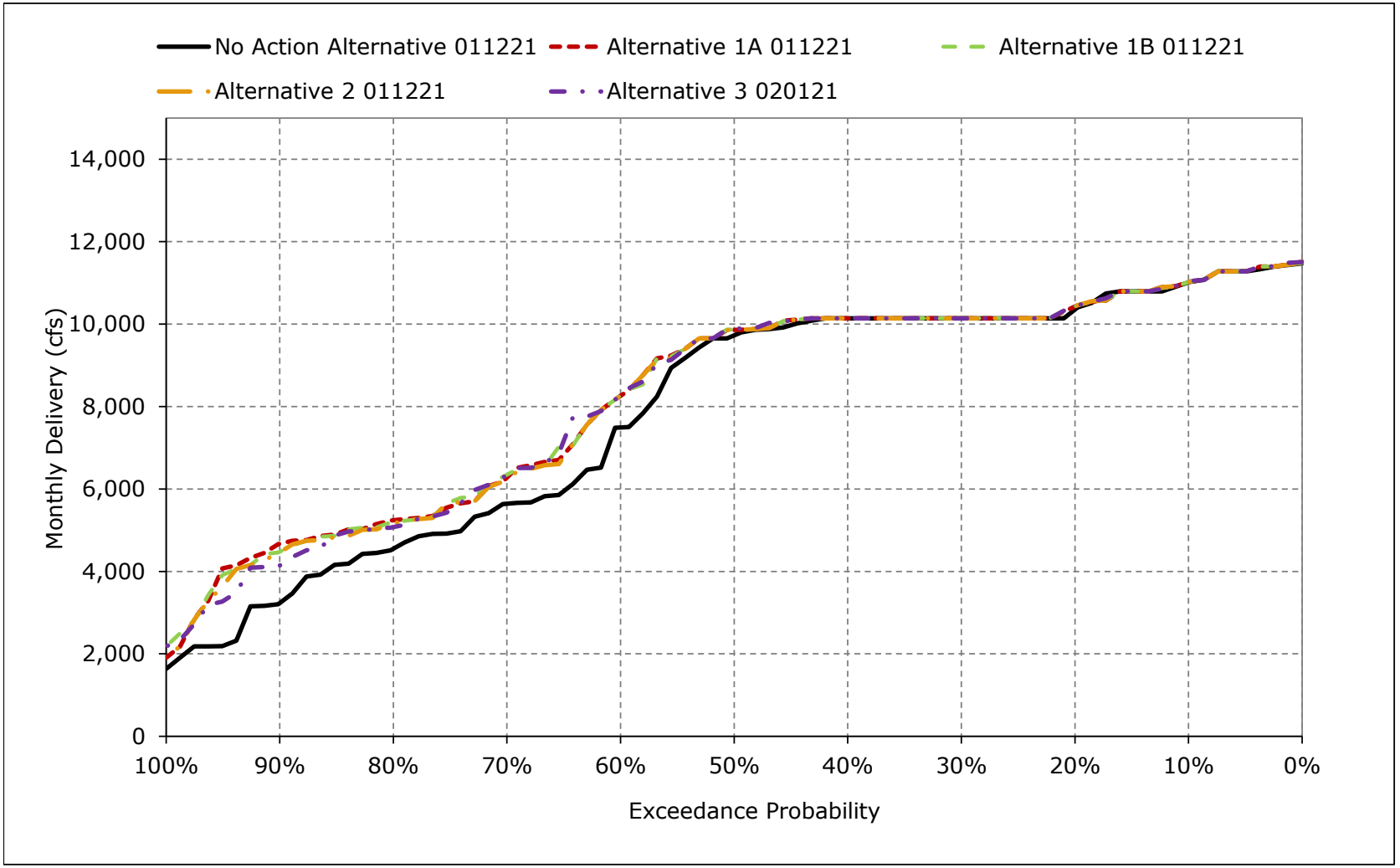


Figure 5B4-1-18. Total Delta Exports, September

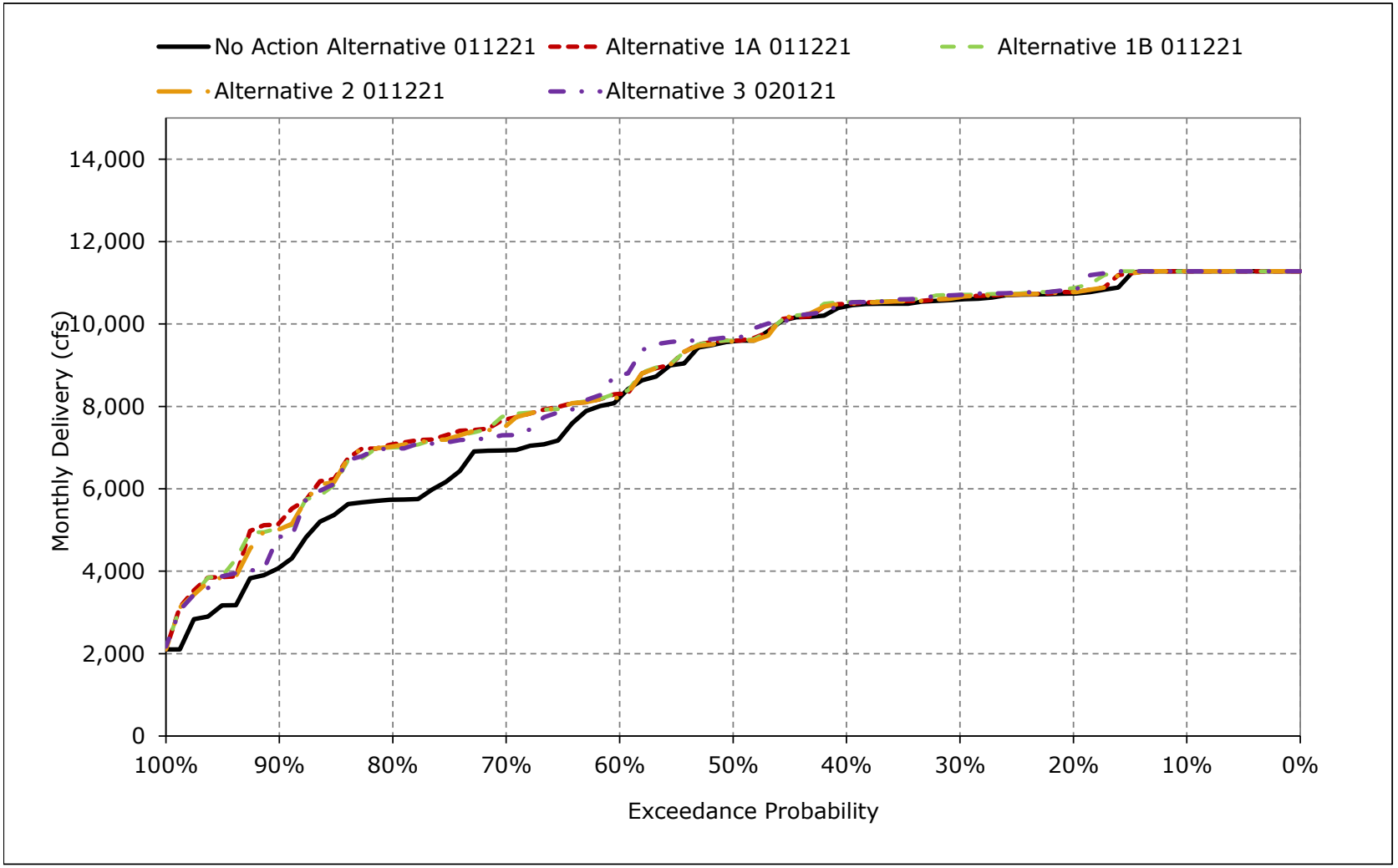


Table 5B4-2-1a. Jones PP Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	4,600	4,600	4,600	4,600	4,600	4,539	3,807	4,315	4,600	4,600	4,600	4,600
20%	4,600	4,600	4,600	4,508	4,600	3,565	3,565	4,038	4,516	4,600	4,600	4,600
30%	3,964	4,600	4,600	4,277	4,600	3,233	3,110	3,691	3,751	4,581	4,600	4,600
40%	3,623	4,600	4,567	4,147	4,217	3,088	2,896	3,391	3,515	4,516	4,600	4,201
50%	3,367	4,600	4,294	4,016	3,985	2,779	2,810	3,163	3,355	4,450	4,425	4,044
60%	3,175	3,725	3,985	3,874	3,872	2,597	2,381	2,881	3,204	4,045	4,206	3,835
70%	2,924	3,332	3,479	3,562	3,724	2,396	1,803	2,715	3,028	3,415	3,681	3,441
80%	2,664	2,850	3,219	3,174	3,462	2,192	1,368	2,250	2,005	2,183	3,164	3,183
90%	2,246	2,087	2,483	2,629	2,498	1,659	800	1,722	917	1,059	1,857	2,321
Long Term												
Full Simulation Period[a]	3,402	3,779	3,871	3,785	3,884	2,883	2,520	3,099	3,155	3,610	3,878	3,791
Water Year Types[b,c]												
Wet (32%)	4,129	4,600	4,299	3,801	3,920	3,173	3,336	3,881	4,109	4,483	4,560	4,310
Above Normal (15%)	3,051	4,522	4,483	3,984	4,134	3,126	3,113	3,485	3,767	3,906	4,498	3,522
Below Normal (17%)	3,703	3,686	4,060	3,856	4,032	2,802	2,604	3,255	3,251	4,246	3,778	4,356
Dry (22%)	2,905	2,982	3,390	3,913	3,810	2,706	1,878	2,456	2,699	3,287	3,225	3,771
Critical (15%)	2,574	2,560	2,835	3,278	3,493	2,369	1,026	1,804	1,046	1,167	2,876	2,309

Table 5B4-2-1b. Jones PP Exports, Alternative 1A 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	4,600	4,600	4,600	4,600	4,600	4,578	3,777	4,315	4,600	4,600	4,600	4,600
20%	4,600	4,600	4,600	4,508	4,600	3,610	3,494	4,068	4,509	4,600	4,600	4,600
30%	3,953	4,600	4,600	4,277	4,600	3,221	3,111	3,691	3,746	4,580	4,600	4,600
40%	3,661	4,600	4,542	4,147	4,217	3,046	2,896	3,394	3,524	4,517	4,600	4,225
50%	3,393	4,600	4,292	4,016	3,985	2,779	2,799	3,191	3,338	4,450	4,384	4,047
60%	3,206	3,987	3,985	3,874	3,872	2,606	2,380	2,901	3,202	4,017	4,091	3,874
70%	2,820	3,394	3,562	3,616	3,776	2,428	1,818	2,719	3,028	3,441	3,541	3,492
80%	2,610	3,007	3,311	3,189	3,488	2,228	1,287	2,211	2,089	2,495	2,912	3,240
90%	1,978	2,089	2,846	2,873	2,498	1,717	800	1,694	929	1,450	1,720	2,333
Long Term												
Full Simulation Period[a]	3,378	3,830	3,911	3,804	3,892	2,890	2,503	3,094	3,172	3,636	3,802	3,809
Water Year Types[b,c]												
Wet (32%)	4,124	4,600	4,295	3,798	3,920	3,202	3,319	3,883	4,106	4,467	4,543	4,316
Above Normal (15%)	3,094	4,513	4,471	3,984	4,136	3,084	3,095	3,489	3,759	3,915	4,509	3,564
Below Normal (17%)	3,716	3,836	4,196	3,869	4,061	2,789	2,573	3,257	3,252	4,247	3,763	4,340
Dry (22%)	2,888	2,997	3,536	3,915	3,825	2,702	1,848	2,442	2,773	3,399	3,101	3,795
Critical (15%)	2,388	2,719	2,747	3,393	3,490	2,418	1,041	1,783	1,066	1,199	2,586	2,355

Table 5B4-2-1c. Jones PP Exports, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0	0	0	0	0	39	-29	0	0	0	0	0
20%	0	0	0	0	0	46	-71	30	-8	0	0	0
30%	-11	0	0	0	0	-12	2	0	-5	-1	0	0
40%	38	0	-25	0	0	-42	0	3	9	1	0	24
50%	26	0	-1	0	0	0	-11	27	-17	0	-41	3
60%	31	262	0	0	0	9	-1	20	-3	-28	-115	39
70%	-103	62	82	53	52	32	16	4	0	26	-139	51
80%	-55	157	92	14	26	36	-81	-40	84	312	-253	57
90%	-268	1	363	244	0	58	0	-28	11	391	-137	12
Long Term												
Full Simulation Period[a]	-24	51	39	18	8	7	-17	-5	17	26	-76	17
Water Year Types[b,c]												
Wet (32%)	-4	0	-4	-4	0	29	-16	2	-2	-15	-17	6
Above Normal (15%)	43	-9	-13	0	2	-42	-18	4	-8	9	11	42
Below Normal (17%)	13	150	137	13	29	-13	-31	1	1	0	-15	-16
Dry (22%)	-17	15	146	2	14	-4	-29	-14	73	111	-125	25
Critical (15%)	-186	160	-88	115	-3	49	16	-21	20	32	-290	46

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-2-2a. Jones PP Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	4,600	4,600	4,600	4,600	4,600	4,539	3,807	4,315	4,600	4,600	4,600	4,600
20%	4,600	4,600	4,600	4,508	4,600	3,565	3,565	4,038	4,516	4,600	4,600	4,600
30%	3,964	4,600	4,600	4,277	4,600	3,233	3,110	3,691	3,751	4,581	4,600	4,600
40%	3,623	4,600	4,567	4,147	4,217	3,088	2,896	3,391	3,515	4,516	4,600	4,201
50%	3,367	4,600	4,294	4,016	3,985	2,779	2,810	3,163	3,355	4,450	4,425	4,044
60%	3,175	3,725	3,985	3,874	3,872	2,597	2,381	2,881	3,204	4,045	4,206	3,835
70%	2,924	3,332	3,479	3,562	3,724	2,396	1,803	2,715	3,028	3,415	3,681	3,441
80%	2,664	2,850	3,219	3,174	3,462	2,192	1,368	2,250	2,005	2,183	3,164	3,183
90%	2,246	2,087	2,483	2,629	2,498	1,659	800	1,722	917	1,059	1,857	2,321
Long Term												
Full Simulation Period[a]	3,402	3,779	3,871	3,785	3,884	2,883	2,520	3,099	3,155	3,610	3,878	3,791
Water Year Types[b,c]												
Wet (32%)	4,129	4,600	4,299	3,801	3,920	3,173	3,336	3,881	4,109	4,483	4,560	4,310
Above Normal (15%)	3,051	4,522	4,483	3,984	4,134	3,126	3,113	3,485	3,767	3,906	4,498	3,522
Below Normal (17%)	3,703	3,686	4,060	3,856	4,032	2,802	2,604	3,255	3,251	4,246	3,778	4,356
Dry (22%)	2,905	2,982	3,390	3,913	3,810	2,706	1,878	2,456	2,699	3,287	3,225	3,771
Critical (15%)	2,574	2,560	2,835	3,278	3,493	2,369	1,026	1,804	1,046	1,167	2,876	2,309

Table 5B4-2-2b. Jones PP Exports, Alternative 1B 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	4,600	4,600	4,600	4,600	4,600	4,523	3,778	4,315	4,600	4,600	4,600	4,600
20%	4,600	4,600	4,600	4,508	4,600	3,575	3,494	4,068	4,521	4,600	4,600	4,600
30%	3,947	4,600	4,600	4,277	4,600	3,221	3,111	3,691	3,746	4,580	4,600	4,600
40%	3,650	4,600	4,452	4,147	4,215	3,038	2,896	3,394	3,524	4,517	4,600	4,296
50%	3,426	4,600	4,248	4,016	4,019	2,753	2,782	3,195	3,354	4,450	4,385	4,072
60%	3,210	4,049	3,964	3,874	3,872	2,621	2,372	2,901	3,202	4,022	4,090	3,924
70%	2,975	3,496	3,514	3,562	3,776	2,470	1,827	2,719	3,028	3,413	3,548	3,522
80%	2,631	3,236	3,305	3,174	3,462	2,273	1,340	2,169	2,097	2,480	2,911	3,260
90%	2,032	2,128	2,715	2,670	2,498	1,723	800	1,691	1,358	1,475	1,791	2,334
Long Term												
Full Simulation Period[a]	3,398	3,885	3,870	3,787	3,891	2,892	2,501	3,099	3,188	3,652	3,804	3,832
Water Year Types[b,c]												
Wet (32%)	4,124	4,600	4,296	3,798	3,920	3,195	3,314	3,883	4,106	4,469	4,543	4,317
Above Normal (15%)	3,114	4,513	4,471	3,984	4,130	3,166	3,090	3,497	3,753	3,934	4,510	3,623
Below Normal (17%)	3,702	3,849	4,189	3,869	4,041	2,740	2,555	3,255	3,245	4,224	3,743	4,371
Dry (22%)	2,948	3,246	3,310	3,910	3,839	2,703	1,865	2,460	2,858	3,478	3,130	3,842
Critical (15%)	2,428	2,710	2,812	3,284	3,491	2,420	1,043	1,780	1,062	1,197	2,582	2,346

Table 5B4-2-2c. Jones PP Exports, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0	0	0	0	0	-16	-29	0	0	0	0	0
20%	0	0	0	0	0	10	-71	31	5	0	0	0
30%	-17	0	0	0	0	-12	2	0	-5	-1	0	0
40%	27	0	-115	0	-2	-50	0	3	9	2	0	95
50%	58	0	-46	0	33	-25	-28	32	-1	0	-40	28
60%	35	324	-21	0	0	24	-9	20	-2	-23	-116	89
70%	52	164	35	0	52	74	24	5	0	-2	-132	81
80%	-34	386	86	0	0	81	-27	-81	92	297	-254	78
90%	-214	41	231	41	0	64	0	-31	440	416	-66	13
Long Term												
Full Simulation Period[a]	-4	107	-2	1	7	9	-19	0	33	42	-73	41
Water Year Types[b,c]												
Wet (32%)	-4	0	-3	-4	-1	22	-21	2	-2	-14	-16	7
Above Normal (15%)	63	-8	-13	0	-5	40	-24	13	-14	28	13	101
Below Normal (17%)	-1	163	130	13	10	-62	-48	0	-7	-22	-35	15
Dry (22%)	43	264	-80	-3	28	-3	-13	4	159	191	-95	72
Critical (15%)	-146	150	-23	6	-2	52	17	-24	16	30	-295	37

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-2-3a. Jones PP Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	4,600	4,600	4,600	4,600	4,600	4,539	3,807	4,315	4,600	4,600	4,600	4,600
20%	4,600	4,600	4,600	4,508	4,600	3,565	3,565	4,038	4,516	4,600	4,600	4,600
30%	3,964	4,600	4,600	4,277	4,600	3,233	3,110	3,691	3,751	4,581	4,600	4,600
40%	3,623	4,600	4,567	4,147	4,217	3,088	2,896	3,391	3,515	4,516	4,600	4,201
50%	3,367	4,600	4,294	4,016	3,985	2,779	2,810	3,163	3,355	4,450	4,425	4,044
60%	3,175	3,725	3,985	3,874	3,872	2,597	2,381	2,881	3,204	4,045	4,206	3,835
70%	2,924	3,332	3,479	3,562	3,724	2,396	1,803	2,715	3,028	3,415	3,681	3,441
80%	2,664	2,850	3,219	3,174	3,462	2,192	1,368	2,250	2,005	2,183	3,164	3,183
90%	2,246	2,087	2,483	2,629	2,498	1,659	800	1,722	917	1,059	1,857	2,321
Long Term												
Full Simulation Period[a]	3,402	3,779	3,871	3,785	3,884	2,883	2,520	3,099	3,155	3,610	3,878	3,791
Water Year Types[b,c]												
Wet (32%)	4,129	4,600	4,299	3,801	3,920	3,173	3,336	3,881	4,109	4,483	4,560	4,310
Above Normal (15%)	3,051	4,522	4,483	3,984	4,134	3,126	3,113	3,485	3,767	3,906	4,498	3,522
Below Normal (17%)	3,703	3,686	4,060	3,856	4,032	2,802	2,604	3,255	3,251	4,246	3,778	4,356
Dry (22%)	2,905	2,982	3,390	3,913	3,810	2,706	1,878	2,456	2,699	3,287	3,225	3,771
Critical (15%)	2,574	2,560	2,835	3,278	3,493	2,369	1,026	1,804	1,046	1,167	2,876	2,309

Table 5B4-2-3b. Jones PP Exports, Alternative 2 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	4,600	4,600	4,600	4,600	4,600	4,581	3,778	4,315	4,600	4,600	4,600	4,600
20%	4,600	4,600	4,600	4,508	4,600	3,610	3,494	4,068	4,509	4,600	4,600	4,600
30%	3,959	4,600	4,600	4,277	4,600	3,221	3,111	3,691	3,746	4,580	4,600	4,600
40%	3,689	4,600	4,542	4,147	4,257	3,046	2,896	3,394	3,524	4,517	4,600	4,255
50%	3,392	4,600	4,292	4,016	4,019	2,779	2,784	3,191	3,364	4,450	4,384	4,047
60%	3,243	3,987	3,985	3,874	3,872	2,621	2,362	2,901	3,202	4,013	4,091	3,874
70%	2,883	3,377	3,561	3,562	3,776	2,428	1,818	2,719	3,028	3,441	3,542	3,492
80%	2,610	3,103	3,344	3,174	3,462	2,227	1,287	2,211	2,087	2,468	2,909	3,241
90%	1,992	2,088	2,846	2,653	2,498	1,723	800	1,694	946	1,453	1,720	2,333
Long Term												
Full Simulation Period[a]	3,387	3,820	3,917	3,789	3,894	2,896	2,501	3,095	3,173	3,634	3,801	3,810
Water Year Types[b,c]												
Wet (32%)	4,124	4,600	4,295	3,798	3,920	3,200	3,319	3,883	4,106	4,467	4,543	4,316
Above Normal (15%)	3,093	4,513	4,471	3,984	4,133	3,123	3,093	3,489	3,759	3,920	4,509	3,564
Below Normal (17%)	3,725	3,819	4,196	3,869	4,048	2,787	2,565	3,256	3,259	4,244	3,755	4,347
Dry (22%)	2,892	2,973	3,537	3,915	3,848	2,702	1,848	2,442	2,774	3,400	3,101	3,796
Critical (15%)	2,429	2,711	2,787	3,294	3,489	2,427	1,042	1,783	1,066	1,182	2,586	2,350

Table 5B4-2-3c. Jones PP Exports, Alternative 2 011221 minus No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0	0	0	0	0	41	-29	0	0	0	0	0
20%	0	0	0	0	0	46	-71	31	-8	0	0	0
30%	-5	0	0	0	0	-12	1	0	-5	-1	0	0
40%	66	0	-25	0	40	-42	0	3	9	1	0	54
50%	25	0	-1	0	33	0	-25	27	9	0	-41	2
60%	68	262	0	0	0	24	-19	20	-3	-32	-115	39
70%	-40	45	82	0	52	32	15	4	0	26	-139	51
80%	-55	253	125	0	0	35	-81	-40	82	285	-255	58
90%	-254	1	363	24	0	64	0	-28	29	394	-137	12
Long Term												
Full Simulation Period[a]	-15	42	45	4	10	13	-19	-5	19	24	-77	18
Water Year Types[b,c]												
Wet (32%)	-4	0	-4	-4	0	27	-16	2	-2	-15	-17	6
Above Normal (15%)	43	-9	-13	0	-2	-2	-20	4	-8	14	11	42
Below Normal (17%)	22	133	137	13	17	-15	-38	1	8	-2	-23	-9
Dry (22%)	-13	-9	146	1	38	-4	-29	-14	75	113	-124	25
Critical (15%)	-145	152	-47	16	-4	58	16	-21	20	15	-290	41

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-2-4a. Jones PP Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	4,600	4,600	4,600	4,600	4,600	4,539	3,807	4,315	4,600	4,600	4,600	4,600
20%	4,600	4,600	4,600	4,508	4,600	3,565	3,565	4,038	4,516	4,600	4,600	4,600
30%	3,964	4,600	4,600	4,277	4,600	3,233	3,110	3,691	3,751	4,581	4,600	4,600
40%	3,623	4,600	4,567	4,147	4,217	3,088	2,896	3,391	3,515	4,516	4,600	4,201
50%	3,367	4,600	4,294	4,016	3,985	2,779	2,810	3,163	3,355	4,450	4,425	4,044
60%	3,175	3,725	3,985	3,874	3,872	2,597	2,381	2,881	3,204	4,045	4,206	3,835
70%	2,924	3,332	3,479	3,562	3,724	2,396	1,803	2,715	3,028	3,415	3,681	3,441
80%	2,664	2,850	3,219	3,174	3,462	2,192	1,368	2,250	2,005	2,183	3,164	3,183
90%	2,246	2,087	2,483	2,629	2,498	1,659	800	1,722	917	1,059	1,857	2,321
Long Term												
Full Simulation Period[a]	3,402	3,779	3,871	3,785	3,884	2,883	2,520	3,099	3,155	3,610	3,878	3,791
Water Year Types[b,c]												
Wet (32%)	4,129	4,600	4,299	3,801	3,920	3,173	3,336	3,881	4,109	4,483	4,560	4,310
Above Normal (15%)	3,051	4,522	4,483	3,984	4,134	3,126	3,113	3,485	3,767	3,906	4,498	3,522
Below Normal (17%)	3,703	3,686	4,060	3,856	4,032	2,802	2,604	3,255	3,251	4,246	3,778	4,356
Dry (22%)	2,905	2,982	3,390	3,913	3,810	2,706	1,878	2,456	2,699	3,287	3,225	3,771
Critical (15%)	2,574	2,560	2,835	3,278	3,493	2,369	1,026	1,804	1,046	1,167	2,876	2,309

Table 5B4-2-4b. Jones PP Exports, Alternative 3 020121, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	4,600	4,600	4,600	4,600	4,600	4,199	3,777	4,315	4,600	4,600	4,600	4,600
20%	4,600	4,600	4,600	4,508	4,600	3,515	3,494	4,068	4,527	4,600	4,600	4,600
30%	4,299	4,600	4,600	4,277	4,600	3,182	3,111	3,691	3,755	4,581	4,600	4,600
40%	3,793	4,600	4,600	4,147	4,257	2,916	2,896	3,394	3,544	4,518	4,600	4,481
50%	3,595	4,600	4,347	4,016	3,984	2,765	2,782	3,209	3,404	4,473	4,423	4,087
60%	3,259	3,997	4,046	3,874	3,852	2,577	2,361	2,906	3,204	4,157	4,090	3,926
70%	3,075	3,501	3,561	3,562	3,736	2,385	1,836	2,739	3,028	3,648	3,667	3,558
80%	2,692	3,184	3,266	3,174	3,462	2,234	1,291	2,232	2,117	2,470	3,139	3,312
90%	2,350	2,379	2,381	2,684	2,488	1,723	803	1,680	1,263	1,406	1,841	2,506
Long Term												
Full Simulation Period[a]	3,497	3,884	3,866	3,774	3,879	2,820	2,503	3,119	3,203	3,694	3,851	3,886
Water Year Types[b,c]												
Wet (32%)	4,121	4,600	4,300	3,797	3,921	3,101	3,318	3,883	4,106	4,467	4,543	4,317
Above Normal (15%)	3,535	4,513	4,451	3,984	4,083	3,075	3,072	3,498	3,759	4,185	4,525	3,859
Below Normal (17%)	3,830	3,832	4,081	3,869	4,036	2,543	2,557	3,290	3,273	4,253	3,756	4,465
Dry (22%)	3,121	3,234	3,410	3,892	3,826	2,707	1,874	2,515	2,890	3,479	3,149	3,856
Critical (15%)	2,279	2,738	2,771	3,226	3,484	2,445	1,049	1,789	1,078	1,196	2,838	2,353

Table 5B4-2-4c. Jones PP Exports, Alternative 3 020121 minus No Action Alternative 011221, Monthly Delivery (cfs)

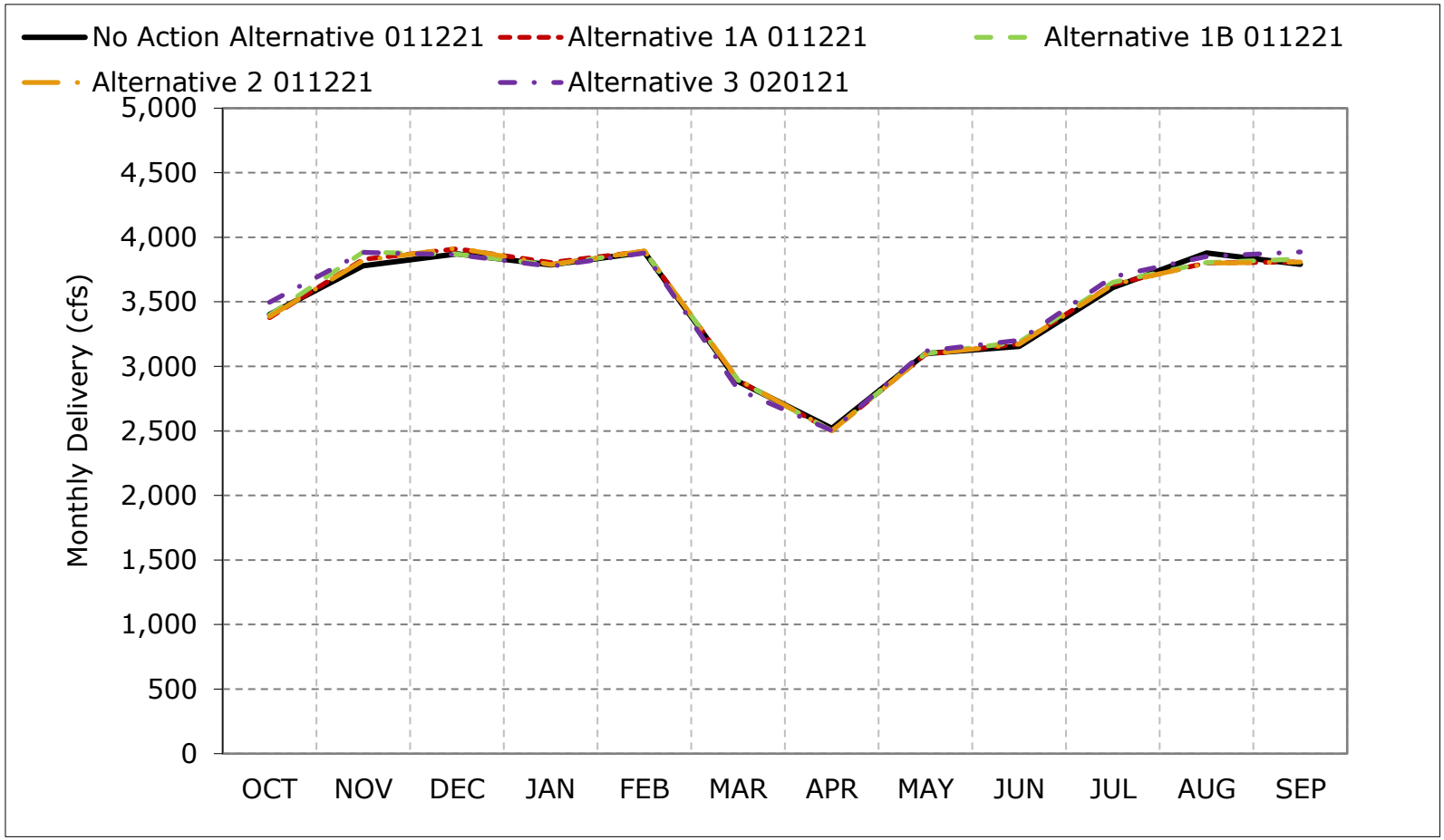
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0	0	0	0	0	-340	-30	0	0	0	0	0
20%	0	0	0	0	0	-49	-71	31	10	0	0	0
30%	336	0	0	0	0	-50	1	0	4	0	0	0
40%	170	0	33	0	40	-172	0	3	29	3	0	280
50%	228	0	53	0	-1	-13	-28	46	49	23	-2	43
60%	84	272	61	0	-20	-20	-21	25	0	111	-115	91
70%	151	169	82	0	13	-11	33	24	0	233	-14	117
80%	28	333	47	0	0	42	-77	-18	112	286	-25	129
90%	104	292	-102	55	-10	64	3	-42	345	347	-16	185
Long Term												
Full Simulation Period[a]	95	105	-6	-12	-5	-63	-17	19	48	83	-27	95
Water Year Types[b,c]												
Wet (32%)	-7	0	1	-4	0	-72	-18	2	-2	-16	-17	7
Above Normal (15%)	485	-8	-32	0	-51	-51	-42	13	-8	278	28	336
Below Normal (17%)	128	146	22	13	4	-260	-47	35	22	7	-22	109
Dry (22%)	216	252	20	-21	16	1	-4	59	190	191	-76	85
Critical (15%)	-295	178	-64	-52	-9	76	24	-14	32	29	-38	44

a Based on the 82-year simulation period.

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

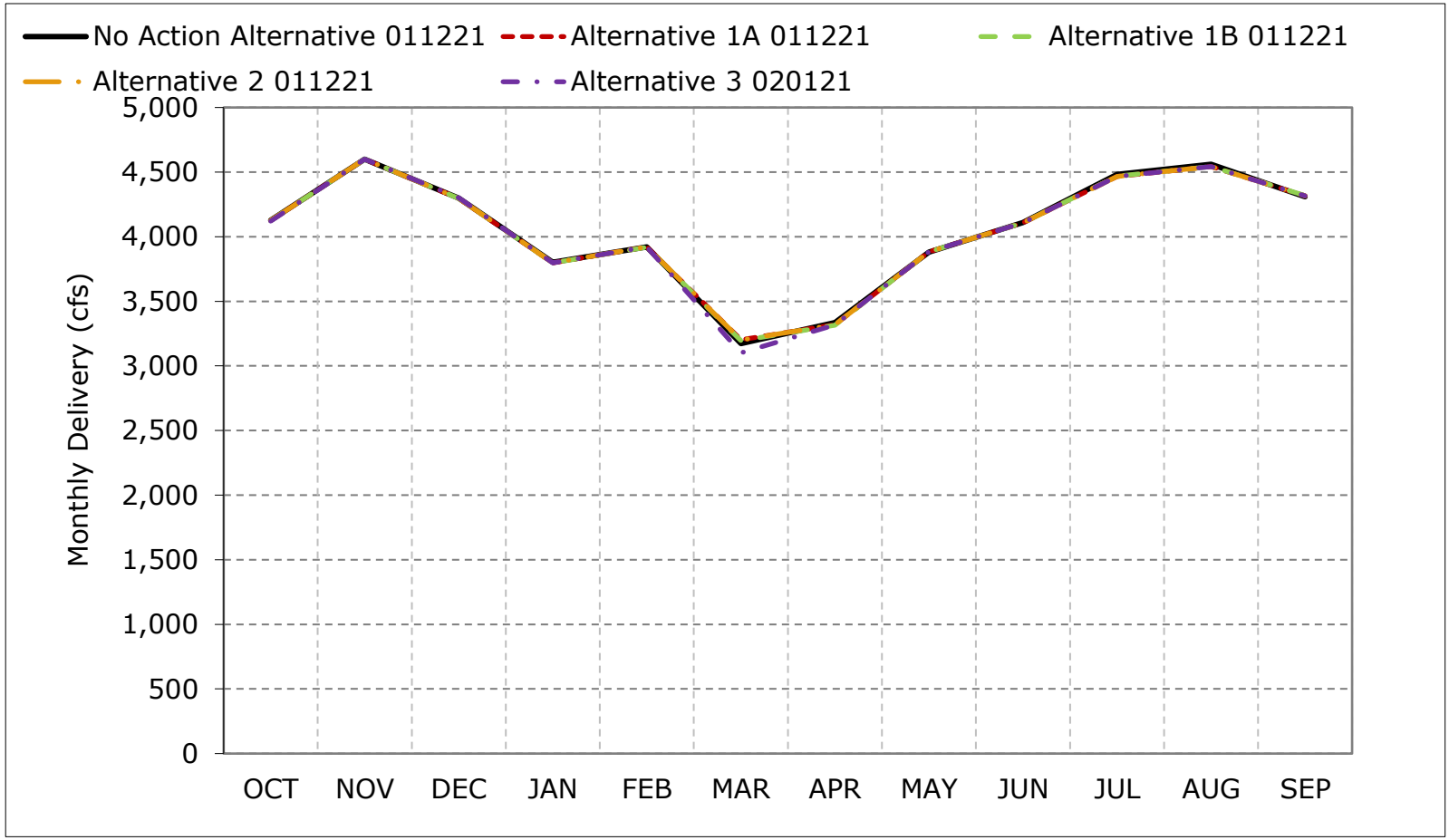
c These results are displayed with calendar year - year type sorting.

Figure 5B4-2-1. Jones PP Exports, Long-Term Average Delivery



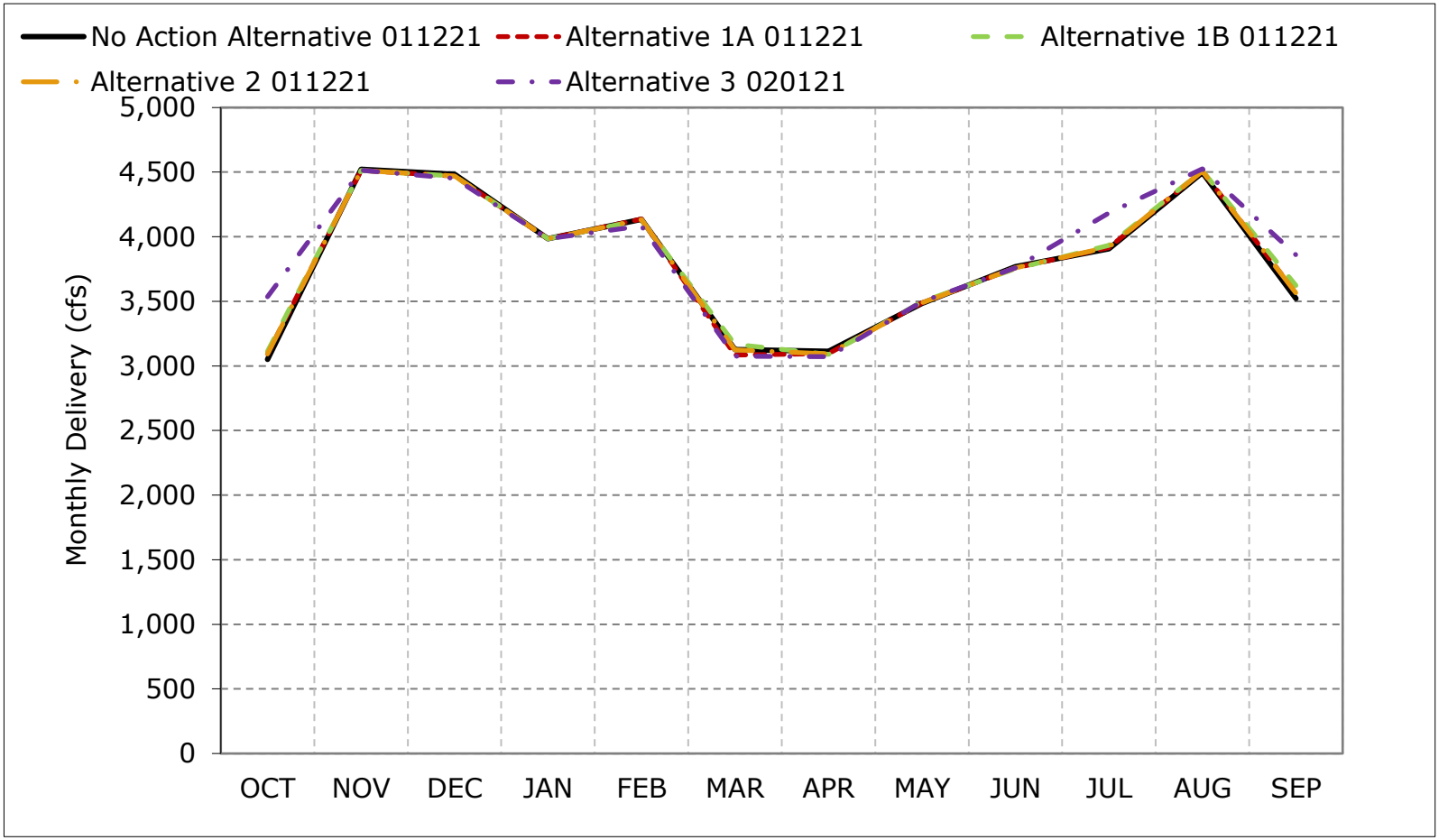
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-2-2. Jones PP Exports, Wet Year Average Delivery



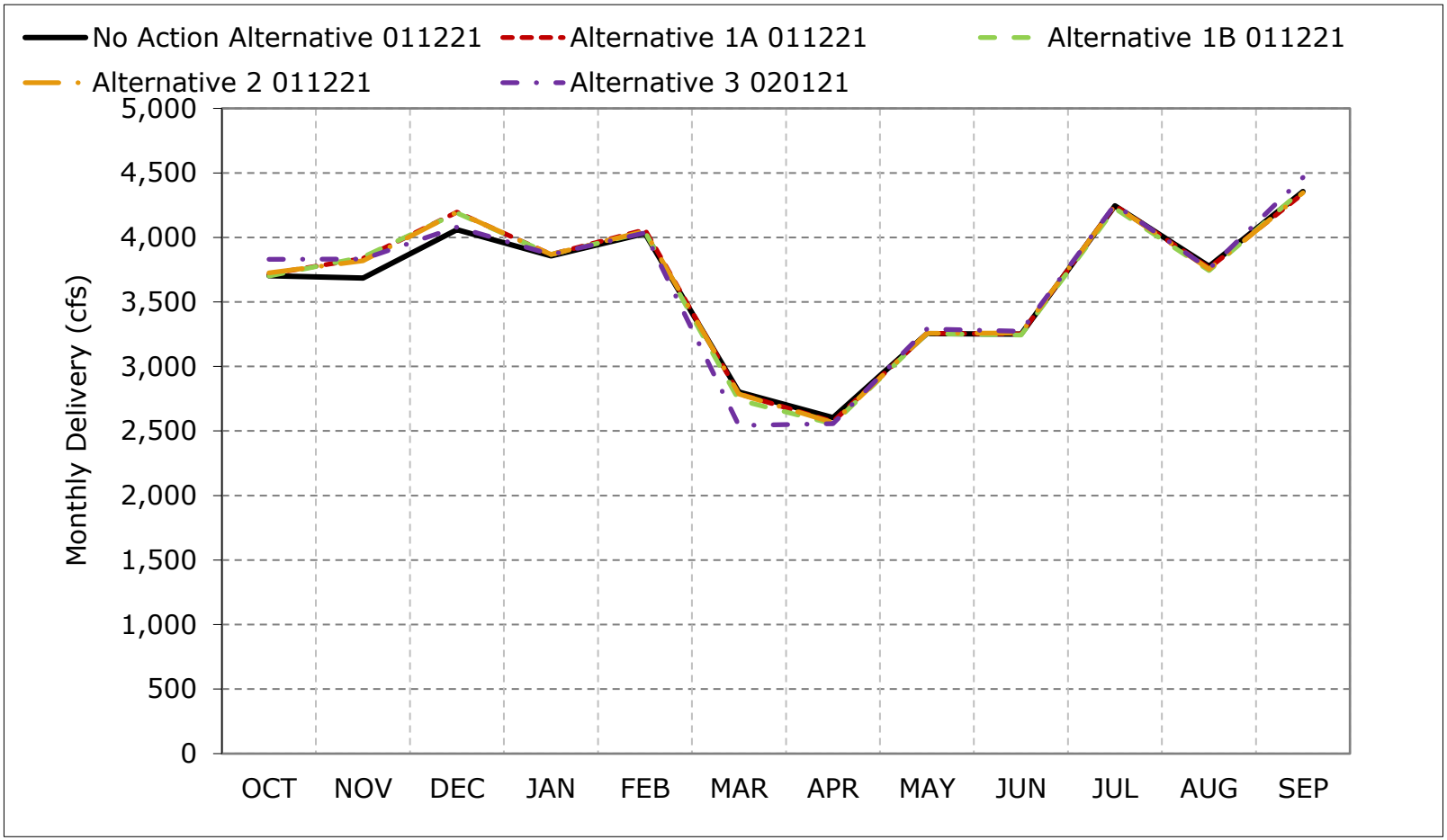
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-2-3. Jones PP Exports, Above Normal Year Average Delivery



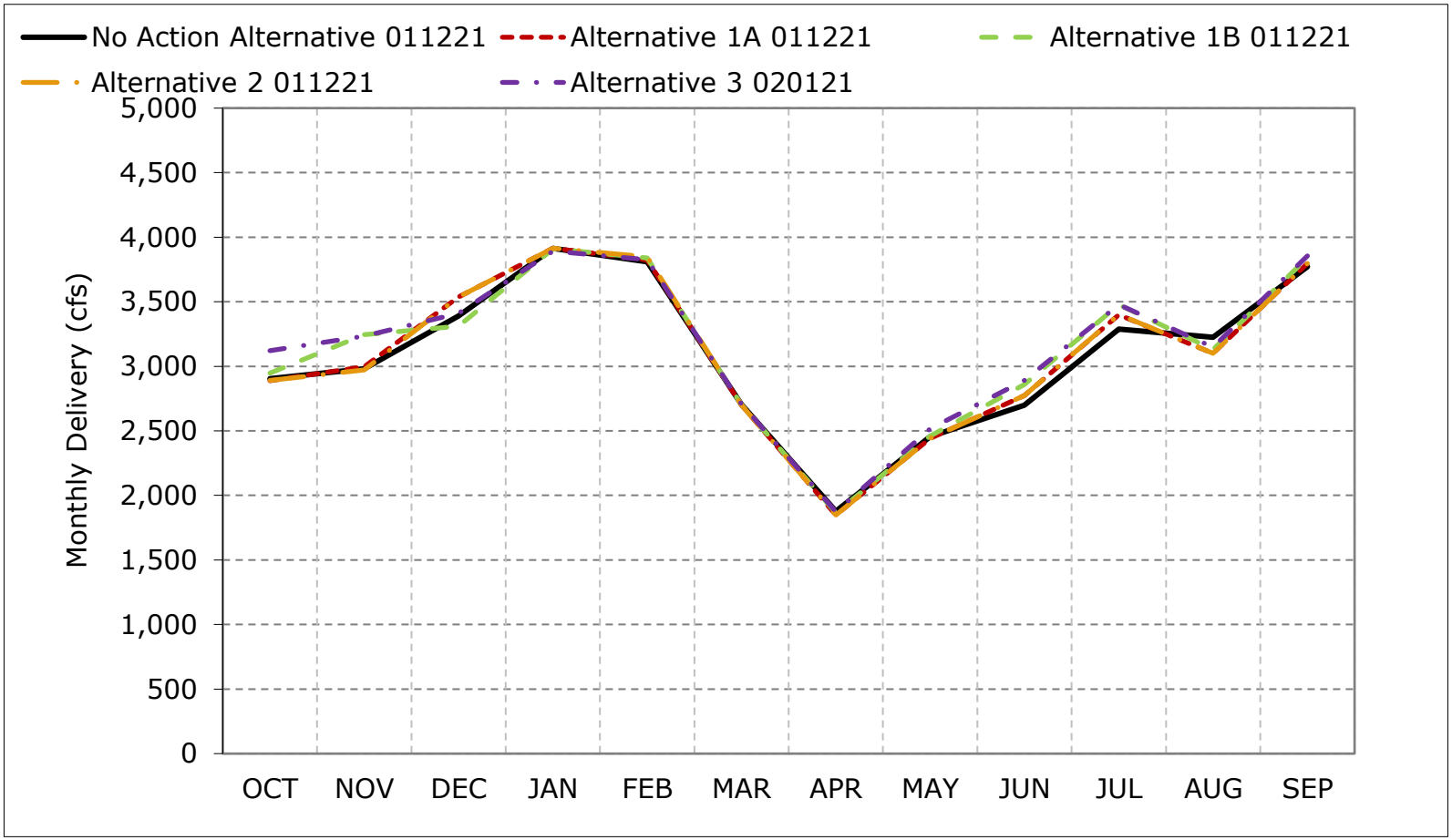
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-2-4. Jones PP Exports, Below Normal Year Average Delivery



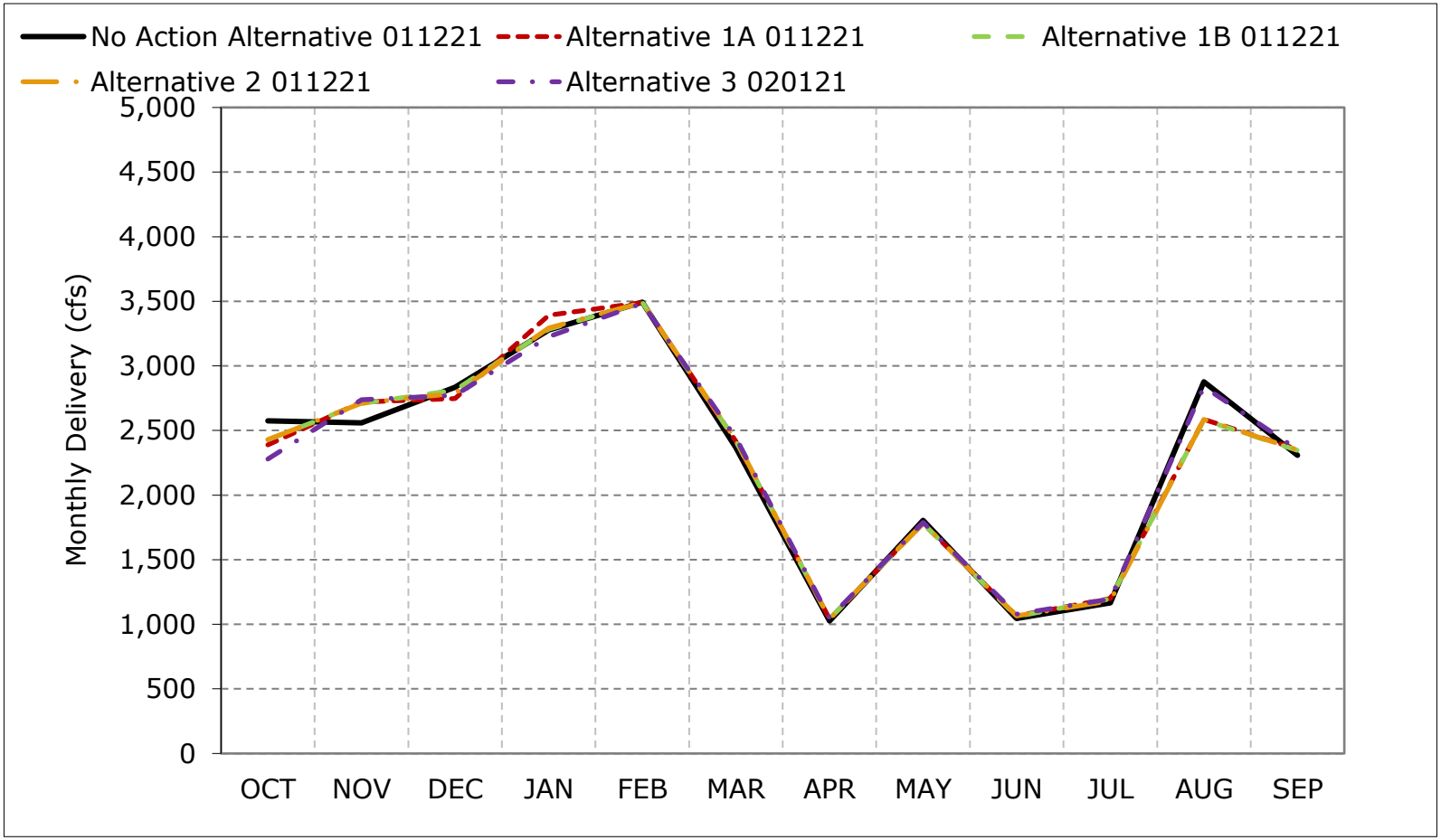
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-2-5. Jones PP Exports, Dry Year Average Delivery



*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-2-6. Jones PP Exports, Critical Year Average Delivery



*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-2-7. Jones PP Exports, October

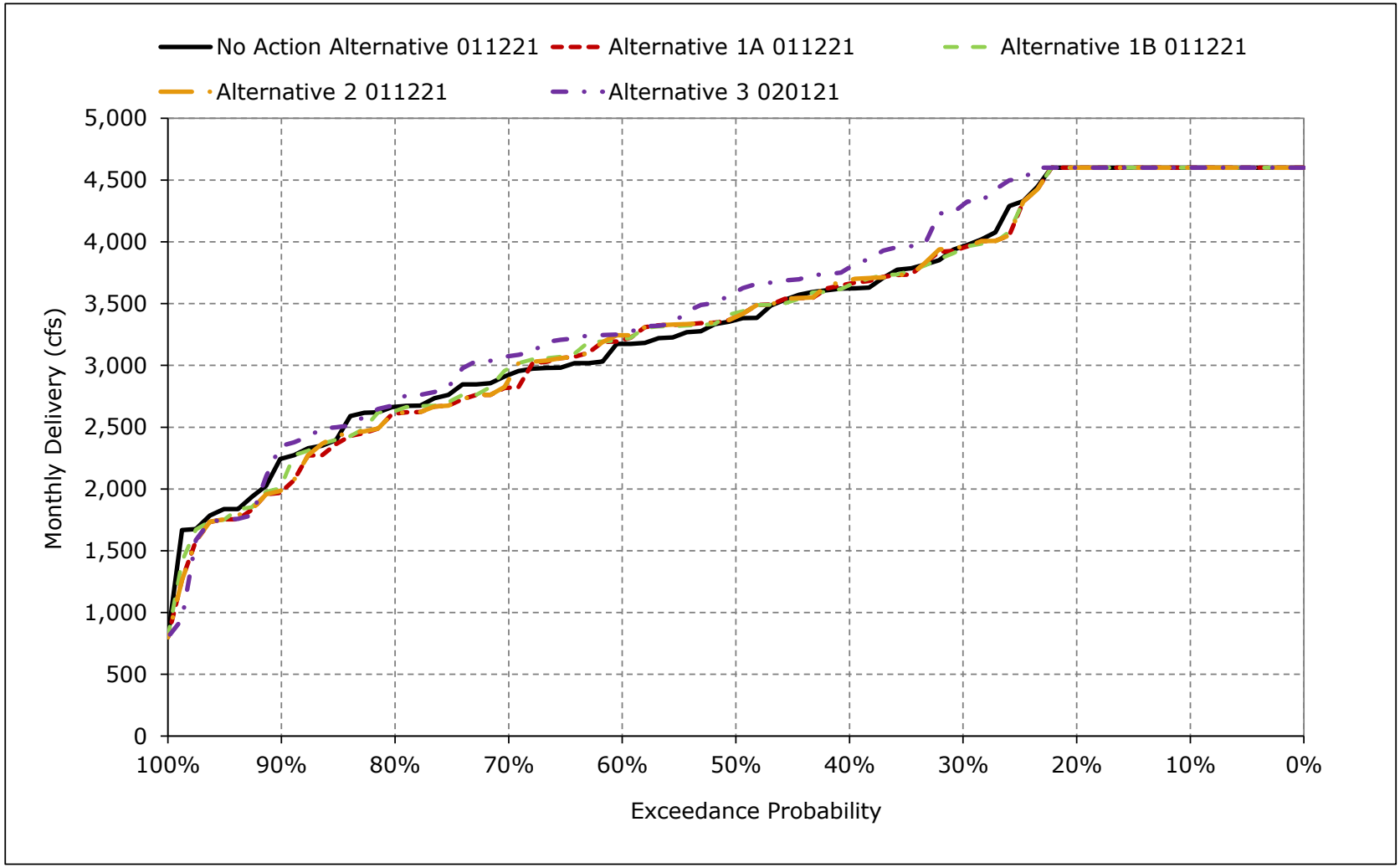


Figure 5B4-2-8. Jones PP Exports, November

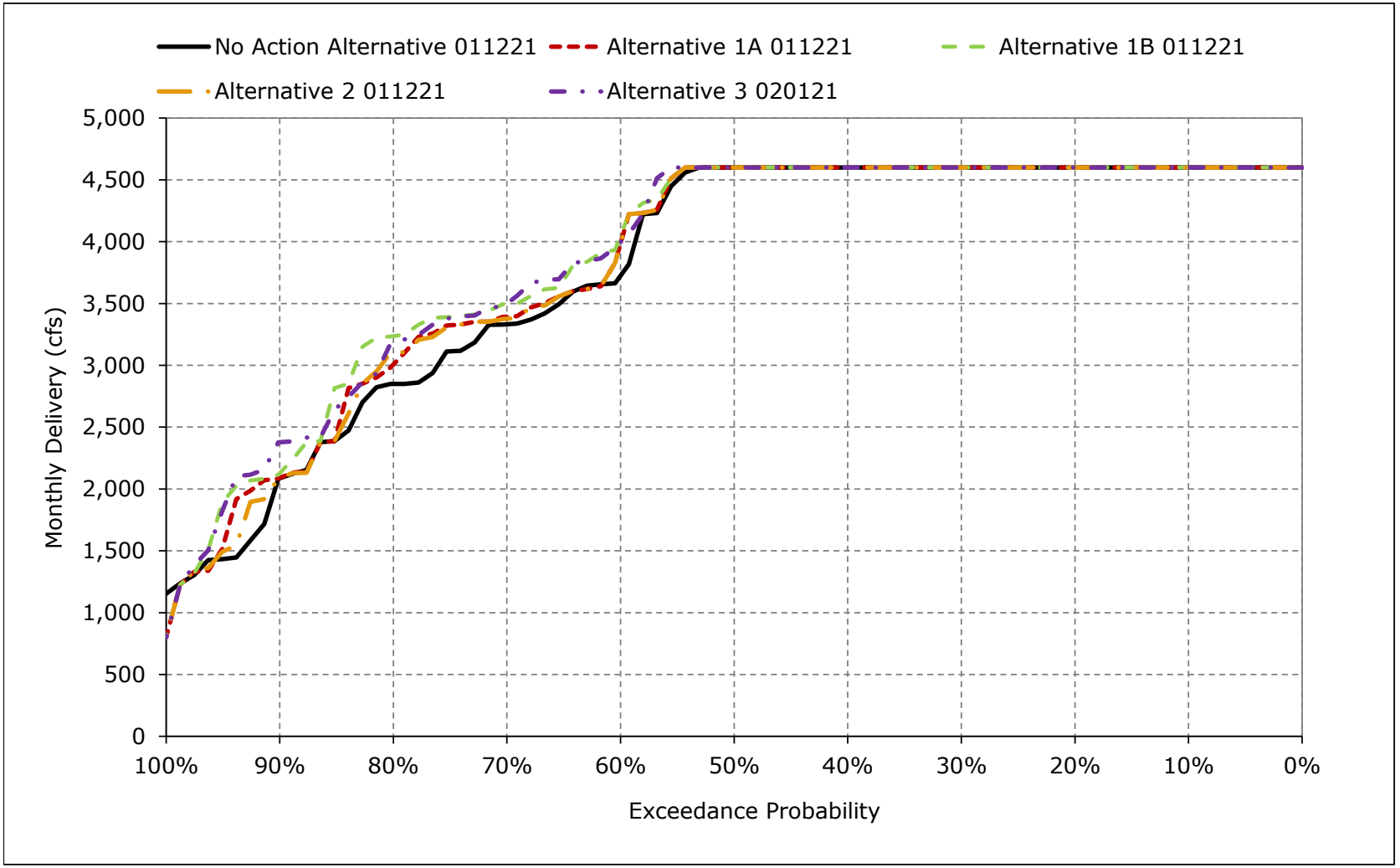


Figure 5B4-2-9. Jones PP Exports, December

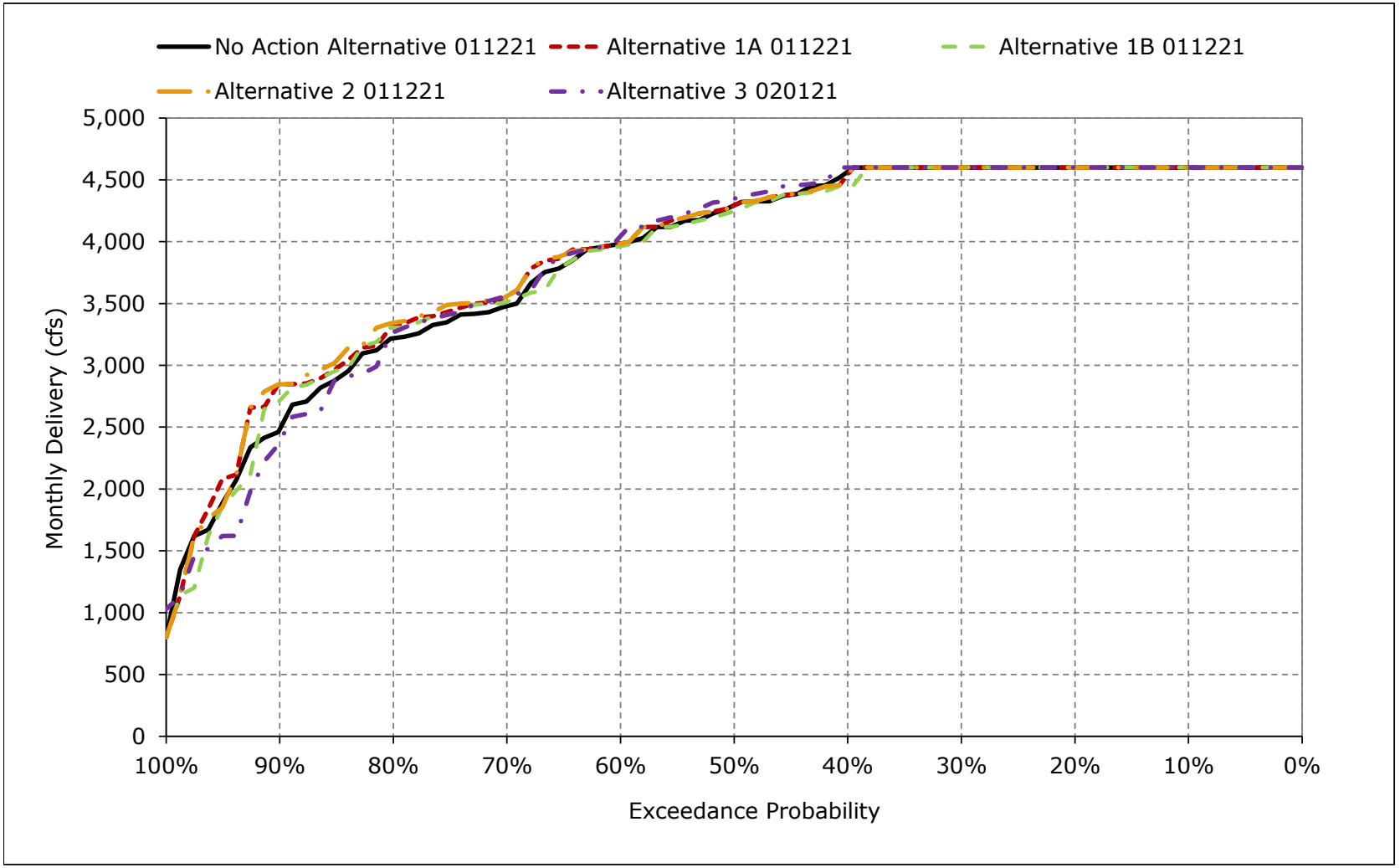


Figure 5B4-2-10. Jones PP Exports, January

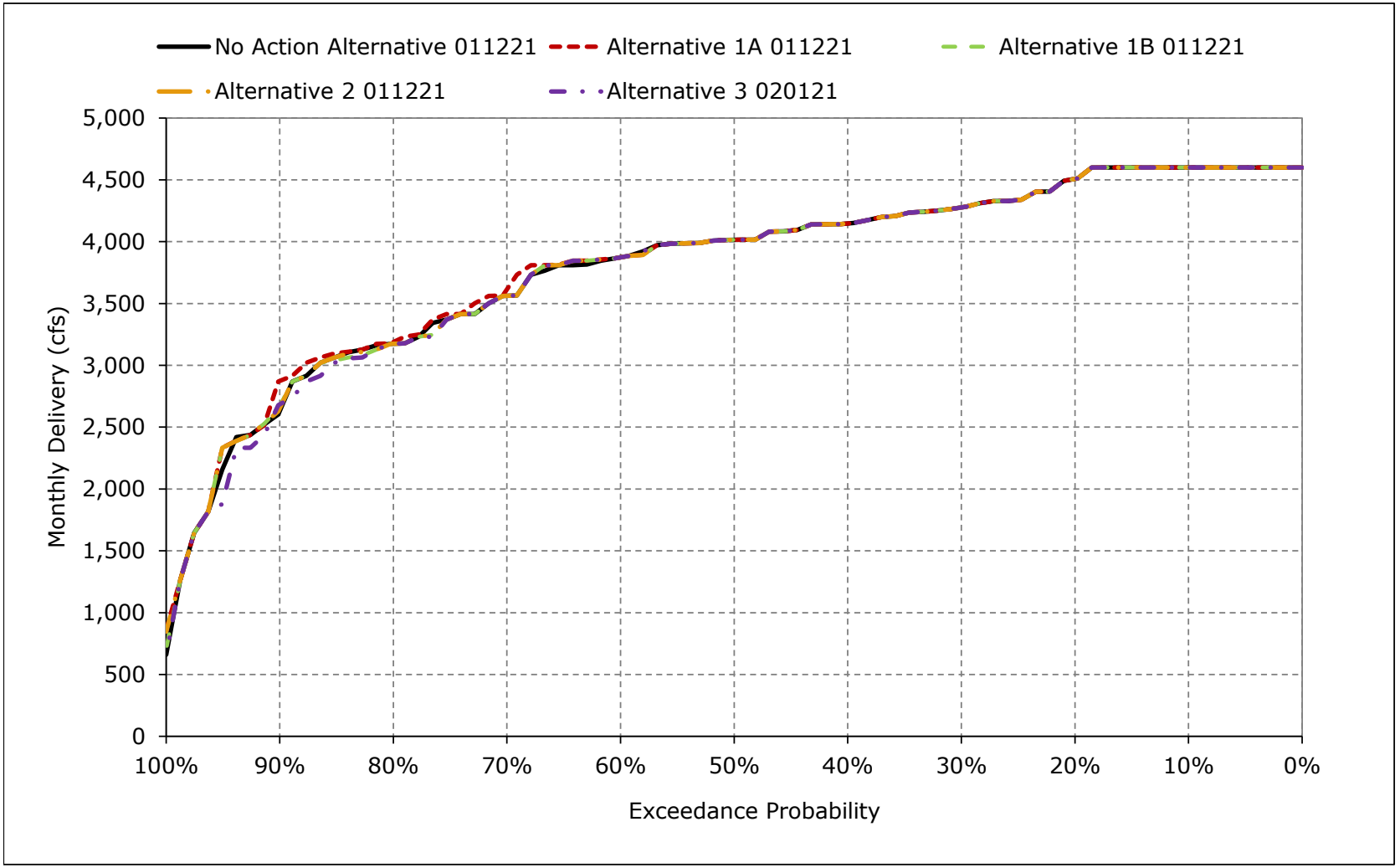


Figure 5B4-2-11. Jones PP Exports, February

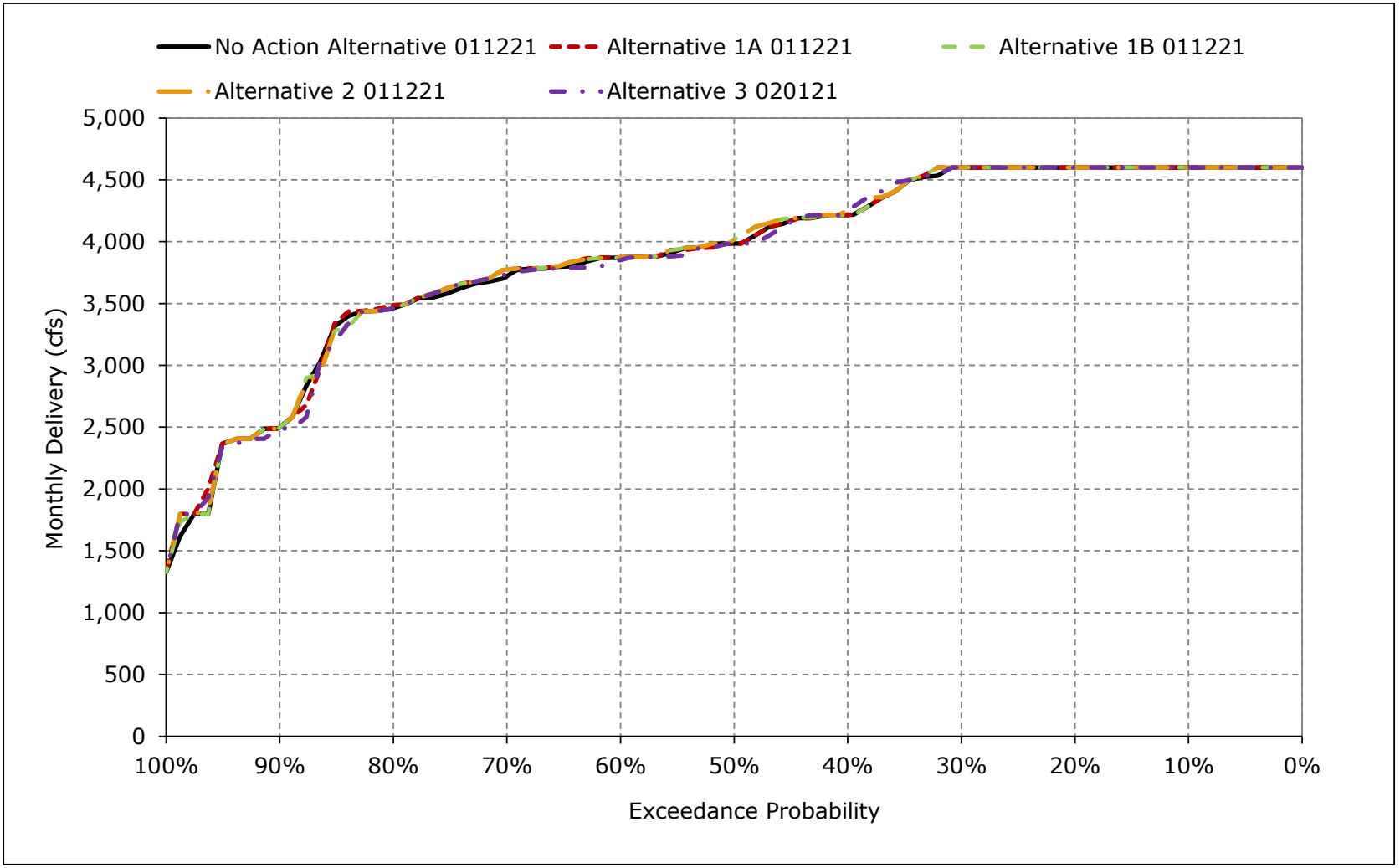


Figure 5B4-2-12. Jones PP Exports, March

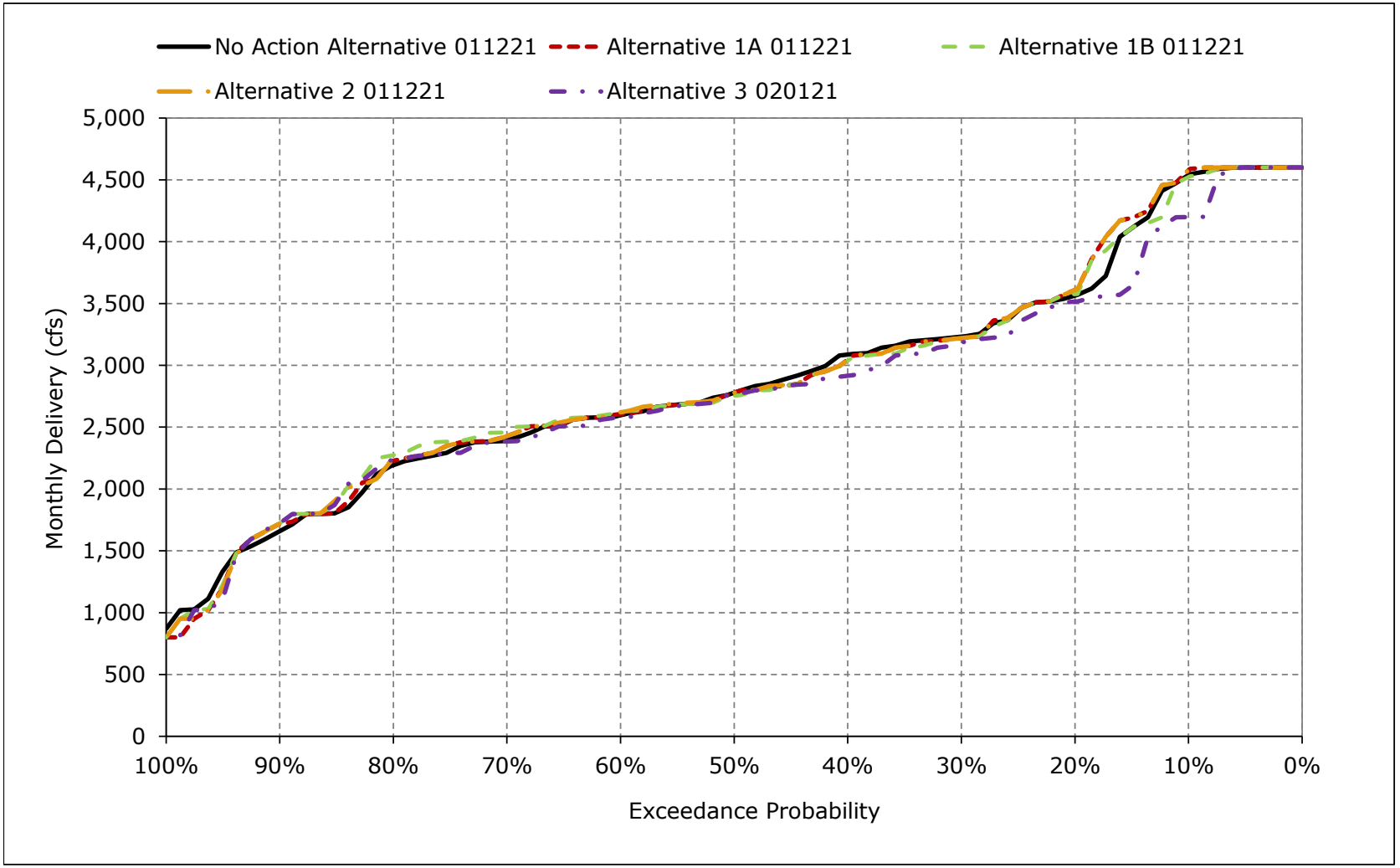


Figure 5B4-2-13. Jones PP Exports, April

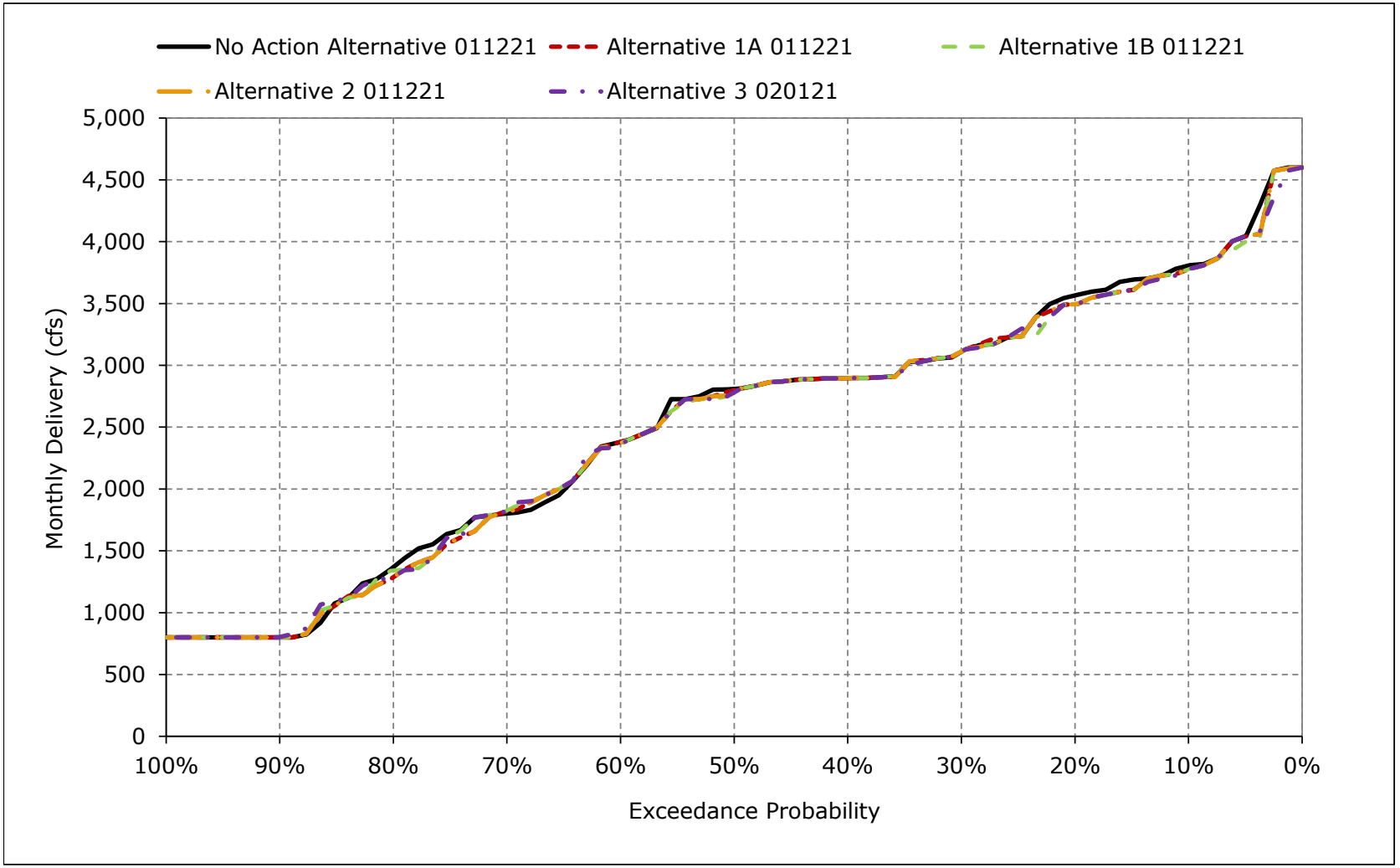


Figure 5B4-2-14. Jones PP Exports, May

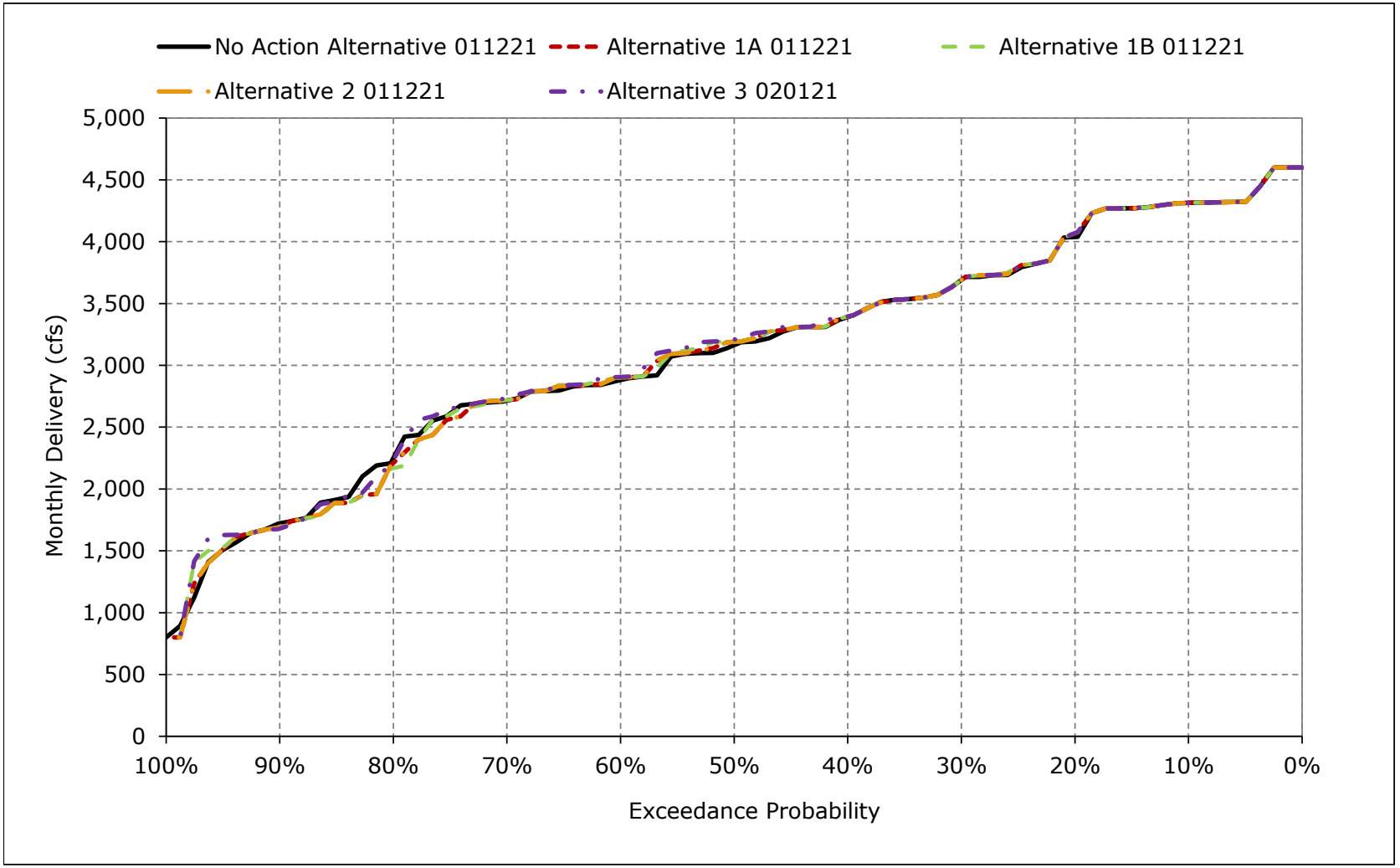


Figure 5B4-2-15. Jones PP Exports, June

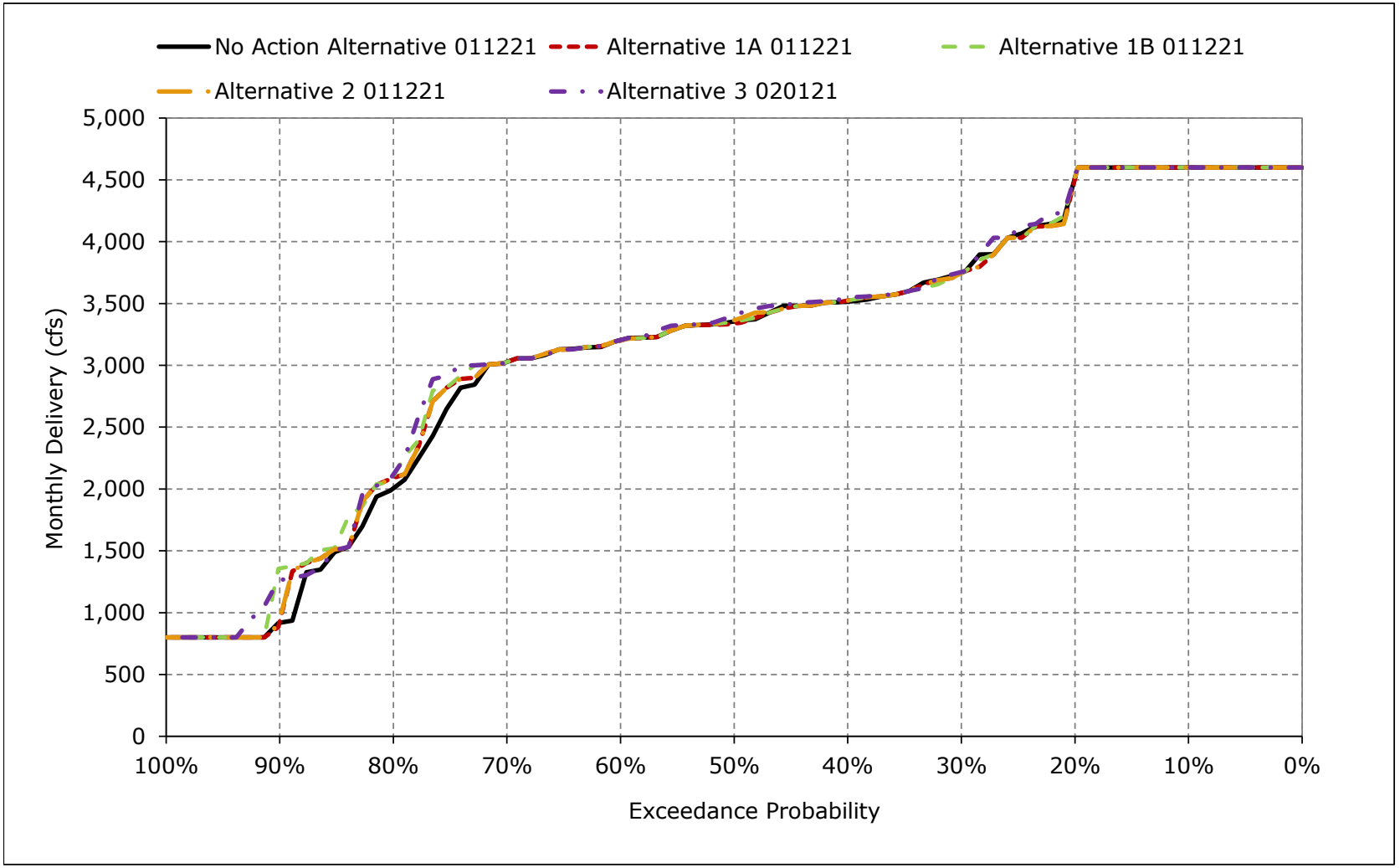


Figure 5B4-2-16. Jones PP Exports, July

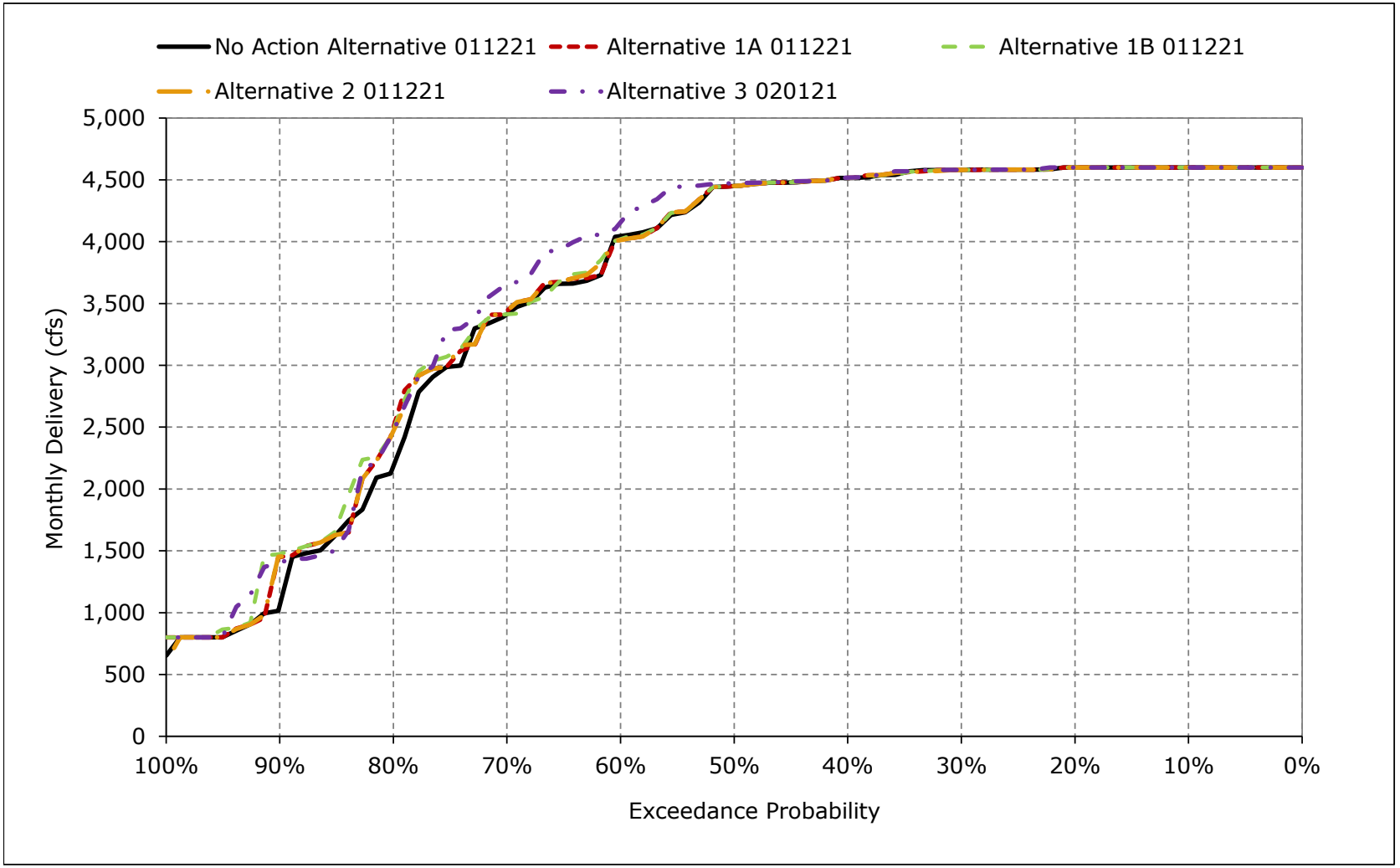


Figure 5B4-2-17. Jones PP Exports, August

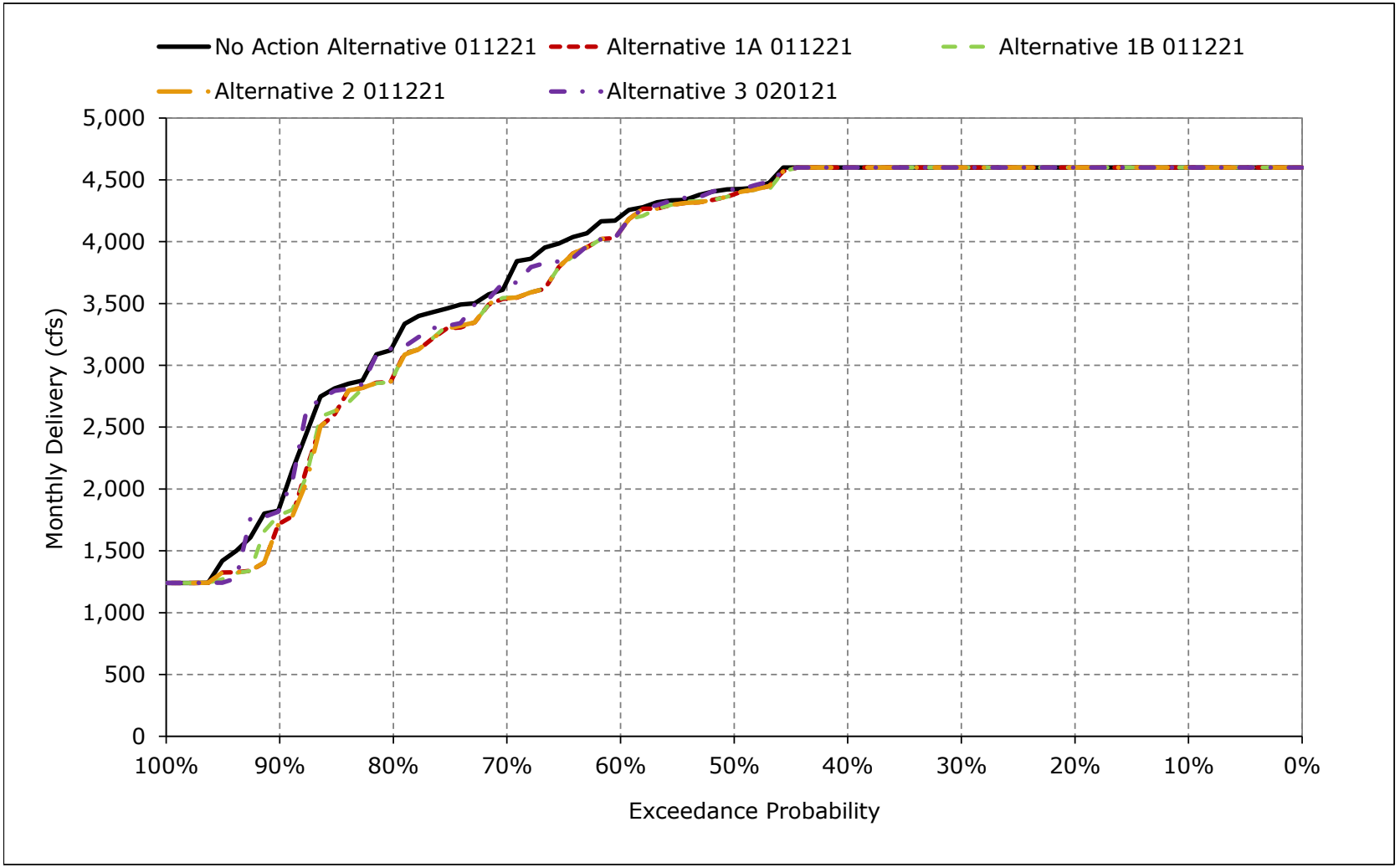


Figure 5B4-2-18. Jones PP Exports, September

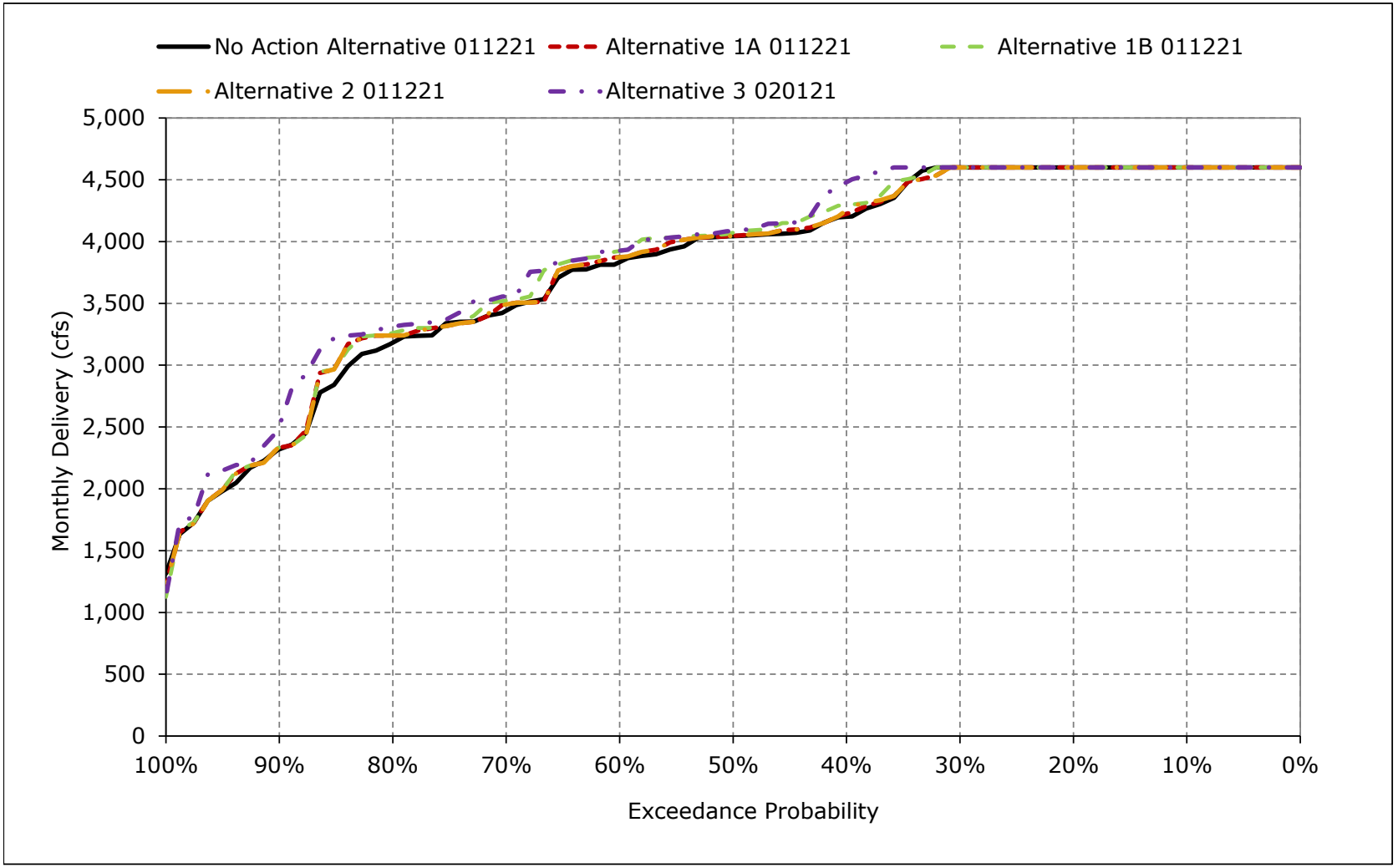


Table 5B4-3-1a. SWP Banks PP Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	5,682	6,680	7,113	6,083	7,835	6,779	4,654	4,724	5,043	6,680	6,680	6,680
20%	4,722	6,680	7,011	4,188	5,479	4,774	2,507	2,360	3,281	6,680	6,192	6,680
30%	4,129	6,561	6,925	3,395	4,310	3,887	1,106	690	2,579	6,192	5,542	6,680
40%	3,792	5,569	4,814	2,881	4,015	3,304	691	600	2,124	6,192	5,542	6,589
50%	3,405	4,554	3,868	2,792	3,072	2,407	639	600	1,895	6,192	5,542	4,980
60%	2,993	3,726	3,261	2,683	2,675	2,134	600	600	1,776	5,849	3,225	3,124
70%	2,425	3,250	2,967	2,650	2,581	1,892	600	600	1,630	4,900	572	2,570
80%	2,061	2,373	2,746	2,499	2,455	1,768	600	600	1,058	1,936	300	2,314
90%	1,129	1,738	2,558	2,122	2,296	1,614	600	324	300	300	300	1,693
Long Term												
Full Simulation Period[a]	3,428	4,493	4,586	3,415	4,059	3,284	1,637	1,411	2,320	4,798	3,706	4,459
Water Year Types[b,c]												
Wet (32%)	4,779	5,921	5,840	4,563	5,767	5,006	3,353	2,769	3,701	6,027	5,208	6,382
Above Normal (15%)	3,874	5,292	5,378	3,212	3,891	3,437	1,120	1,306	2,457	5,853	5,222	6,638
Below Normal (17%)	3,910	4,504	4,572	2,972	4,013	2,978	1,160	935	1,769	6,299	6,379	4,246
Dry (22%)	2,367	3,509	3,260	2,794	2,723	1,937	614	543	1,624	3,826	644	2,533
Critical (15%)	1,084	2,062	3,082	2,578	2,587	1,777	525	433	875	789	407	1,251

Table 5B4-3-1b. SWP Banks PP Exports, Alternative 1A 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	5,715	6,680	7,113	6,063	7,839	6,599	4,655	4,789	5,043	6,680	6,680	6,680
20%	4,844	6,680	7,011	4,188	5,479	4,774	2,649	2,360	3,275	6,680	6,184	6,680
30%	4,147	6,619	6,800	3,401	4,213	3,759	1,106	700	2,511	6,192	5,542	6,680
40%	3,747	5,669	4,820	2,881	3,908	3,304	691	600	2,131	6,192	5,542	6,603
50%	3,408	4,736	3,880	2,792	3,072	2,363	639	600	1,895	6,192	5,542	4,980
60%	2,995	3,800	3,278	2,678	2,675	2,134	600	600	1,790	5,725	3,397	3,244
70%	2,424	3,324	2,979	2,627	2,566	1,892	600	600	1,564	4,872	426	2,538
80%	1,983	2,385	2,754	2,499	2,455	1,762	600	600	1,078	1,564	300	2,329
90%	1,010	1,968	2,543	2,122	2,294	1,592	600	356	300	300	300	1,714
Long Term												
Full Simulation Period[a]	3,404	4,566	4,591	3,412	4,027	3,280	1,639	1,412	2,302	4,777	3,720	4,470
Water Year Types[b,c]												
Wet (32%)	4,736	5,914	5,842	4,566	5,762	4,975	3,360	2,760	3,696	6,024	5,239	6,381
Above Normal (15%)	3,891	5,285	5,344	3,212	3,845	3,479	1,123	1,312	2,461	5,849	5,221	6,638
Below Normal (17%)	4,041	4,848	4,587	2,960	3,926	2,992	1,160	935	1,735	6,296	6,410	4,275
Dry (22%)	2,368	3,492	3,251	2,787	2,696	1,941	614	549	1,554	3,800	639	2,533
Critical (15%)	841	2,209	3,142	2,575	2,566	1,750	525	444	906	698	409	1,293

Table 5B4-3-1c. SWP Banks PP Exports, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	33	0	0	-20	4	-180	1	66	0	0	0	0
20%	121	0	0	0	0	0	142	0	-6	0	-8	0
30%	18	57	-125	6	-97	-128	0	10	-68	0	0	0
40%	-45	100	5	0	-107	0	0	0	7	0	0	15
50%	3	182	13	0	0	-44	1	0	0	0	0	0
60%	2	75	17	-6	0	0	0	0	14	-124	172	119
70%	0	74	12	-24	-15	0	0	0	-66	-28	-146	-32
80%	-78	13	8	0	0	-6	0	0	20	-372	0	15
90%	-119	231	-15	0	-2	-22	0	31	0	0	0	21
Long Term												
Full Simulation Period[a]	-24	73	5	-3	-32	-4	2	1	-18	-21	14	11
Water Year Types[b,c]												
Wet (32%)	-43	-7	2	2	-5	-31	6	-9	-6	-3	30	-1
Above Normal (15%)	17	-7	-34	0	-46	41	3	6	4	-4	-1	0
Below Normal (17%)	131	343	14	-13	-87	13	0	0	-34	-2	31	29
Dry (22%)	1	-17	-9	-7	-27	4	0	7	-70	-26	-5	0
Critical (15%)	-243	147	60	-3	-21	-27	0	11	31	-91	1	43

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-3-2a. SWP Banks PP Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	5,682	6,680	7,113	6,083	7,835	6,779	4,654	4,724	5,043	6,680	6,680	6,680
20%	4,722	6,680	7,011	4,188	5,479	4,774	2,507	2,360	3,281	6,680	6,192	6,680
30%	4,129	6,561	6,925	3,395	4,310	3,887	1,106	690	2,579	6,192	5,542	6,680
40%	3,792	5,569	4,814	2,881	4,015	3,304	691	600	2,124	6,192	5,542	6,589
50%	3,405	4,554	3,868	2,792	3,072	2,407	639	600	1,895	6,192	5,542	4,980
60%	2,993	3,726	3,261	2,683	2,675	2,134	600	600	1,776	5,849	3,225	3,124
70%	2,425	3,250	2,967	2,650	2,581	1,892	600	600	1,630	4,900	572	2,570
80%	2,061	2,373	2,746	2,499	2,455	1,768	600	600	1,058	1,936	300	2,314
90%	1,129	1,738	2,558	2,122	2,296	1,614	600	324	300	300	300	1,693
Long Term												
Full Simulation Period[a]	3,428	4,493	4,586	3,415	4,059	3,284	1,637	1,411	2,320	4,798	3,706	4,459
Water Year Types[b,c]												
Wet (32%)	4,779	5,921	5,840	4,563	5,767	5,006	3,353	2,769	3,701	6,027	5,208	6,382
Above Normal (15%)	3,874	5,292	5,378	3,212	3,891	3,437	1,120	1,306	2,457	5,853	5,222	6,638
Below Normal (17%)	3,910	4,504	4,572	2,972	4,013	2,978	1,160	935	1,769	6,299	6,379	4,246
Dry (22%)	2,367	3,509	3,260	2,794	2,723	1,937	614	543	1,624	3,826	644	2,533
Critical (15%)	1,084	2,062	3,082	2,578	2,587	1,777	525	433	875	789	407	1,251

Table 5B4-3-2b. SWP Banks PP Exports, Alternative 1B 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	5,715	6,680	7,095	6,078	7,839	6,180	4,668	4,926	5,043	6,680	6,680	6,680
20%	4,849	6,680	7,009	4,188	5,479	4,774	2,700	2,360	3,275	6,680	6,173	6,680
30%	4,222	6,619	6,177	3,412	4,213	3,763	1,107	700	2,508	6,192	5,542	6,680
40%	3,775	5,694	4,720	2,881	3,908	3,300	691	600	2,131	6,192	5,542	6,603
50%	3,405	4,801	3,723	2,792	3,072	2,363	639	600	1,895	6,192	5,542	4,999
60%	2,983	3,946	3,241	2,678	2,675	2,134	600	600	1,790	5,752	3,411	3,241
70%	2,440	3,355	2,937	2,635	2,581	1,892	600	600	1,565	5,112	522	2,537
80%	1,985	2,373	2,687	2,499	2,472	1,766	600	600	1,067	1,566	300	2,329
90%	1,013	1,838	2,526	2,122	2,294	1,614	600	356	300	300	300	1,689
Long Term												
Full Simulation Period[a]	3,417	4,583	4,501	3,411	4,038	3,279	1,647	1,414	2,300	4,788	3,723	4,476
Water Year Types[b,c]												
Wet (32%)	4,750	5,927	5,840	4,566	5,764	4,966	3,361	2,759	3,696	6,024	5,239	6,381
Above Normal (15%)	3,946	5,308	5,344	3,212	3,867	3,398	1,172	1,325	2,466	5,839	5,221	6,638
Below Normal (17%)	4,024	4,832	4,588	2,960	3,946	3,041	1,161	932	1,733	6,297	6,406	4,326
Dry (22%)	2,375	3,558	2,833	2,785	2,696	1,941	614	552	1,542	3,844	657	2,533
Critical (15%)	854	2,195	3,153	2,572	2,586	1,790	525	444	906	714	409	1,279

Table 5B4-3-2c. SWP Banks PP Exports, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	33	0	-18	-5	4	-599	14	203	0	0	0	0
20%	127	0	-2	0	0	0	193	0	-6	0	-19	0
30%	92	58	-748	17	-97	-124	0	10	-71	0	0	0
40%	-18	125	-94	0	-107	-5	0	0	7	0	0	15
50%	-1	248	-145	0	0	-44	1	0	0	0	0	19
60%	-11	220	-19	-6	0	0	0	0	14	-97	187	117
70%	15	105	-30	-16	0	0	0	0	-66	212	-50	-33
80%	-77	0	-59	0	18	-2	0	0	9	-371	0	15
90%	-116	100	-33	0	-2	0	0	32	0	0	0	-5
Long Term												
Full Simulation Period[a]	-11	90	-86	-4	-22	-5	10	3	-20	-11	17	18
Water Year Types[b,c]												
Wet (32%)	-29	6	0	3	-3	-40	8	-10	-6	-4	31	-1
Above Normal (15%)	72	16	-34	0	-23	-39	52	19	9	-14	-1	0
Below Normal (17%)	114	327	15	-13	-68	62	1	-3	-36	-2	27	79
Dry (22%)	7	49	-427	-9	-27	3	0	9	-82	18	13	0
Critical (15%)	-230	134	71	-6	0	13	0	11	31	-75	2	29

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-3-3a. SWP Banks PP Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	5,682	6,680	7,113	6,083	7,835	6,779	4,654	4,724	5,043	6,680	6,680	6,680
20%	4,722	6,680	7,011	4,188	5,479	4,774	2,507	2,360	3,281	6,680	6,192	6,680
30%	4,129	6,561	6,925	3,395	4,310	3,887	1,106	690	2,579	6,192	5,542	6,680
40%	3,792	5,569	4,814	2,881	4,015	3,304	691	600	2,124	6,192	5,542	6,589
50%	3,405	4,554	3,868	2,792	3,072	2,407	639	600	1,895	6,192	5,542	4,980
60%	2,993	3,726	3,261	2,683	2,675	2,134	600	600	1,776	5,849	3,225	3,124
70%	2,425	3,250	2,967	2,650	2,581	1,892	600	600	1,630	4,900	572	2,570
80%	2,061	2,373	2,746	2,499	2,455	1,768	600	600	1,058	1,936	300	2,314
90%	1,129	1,738	2,558	2,122	2,296	1,614	600	324	300	300	300	1,693
Long Term												
Full Simulation Period[a]	3,428	4,493	4,586	3,415	4,059	3,284	1,637	1,411	2,320	4,798	3,706	4,459
Water Year Types[b,c]												
Wet (32%)	4,779	5,921	5,840	4,563	5,767	5,006	3,353	2,769	3,701	6,027	5,208	6,382
Above Normal (15%)	3,874	5,292	5,378	3,212	3,891	3,437	1,120	1,306	2,457	5,853	5,222	6,638
Below Normal (17%)	3,910	4,504	4,572	2,972	4,013	2,978	1,160	935	1,769	6,299	6,379	4,246
Dry (22%)	2,367	3,509	3,260	2,794	2,723	1,937	614	543	1,624	3,826	644	2,533
Critical (15%)	1,084	2,062	3,082	2,578	2,587	1,777	525	433	875	789	407	1,251

Table 5B4-3-3b. SWP Banks PP Exports, Alternative 2 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	5,715	6,680	7,113	6,064	7,839	6,337	4,689	4,914	5,043	6,680	6,680	6,680
20%	4,861	6,680	7,011	4,188	5,479	4,774	2,649	2,360	3,275	6,680	6,166	6,680
30%	4,162	6,619	6,798	3,401	4,213	3,759	1,106	700	2,512	6,192	5,542	6,680
40%	3,748	5,674	4,820	2,881	3,908	3,304	691	600	2,131	6,192	5,542	6,603
50%	3,408	4,732	3,877	2,792	3,072	2,363	639	600	1,895	6,192	5,542	4,980
60%	2,979	3,800	3,278	2,678	2,675	2,134	600	600	1,790	5,725	3,395	3,244
70%	2,424	3,372	2,967	2,636	2,581	1,892	600	600	1,564	5,044	462	2,537
80%	1,972	2,571	2,754	2,499	2,472	1,766	600	600	1,078	1,565	300	2,346
90%	1,009	1,969	2,558	2,122	2,294	1,614	600	356	300	300	300	1,693
Long Term												
Full Simulation Period[a]	3,410	4,583	4,587	3,409	4,033	3,280	1,640	1,414	2,301	4,778	3,715	4,469
Water Year Types[b,c]												
Wet (32%)	4,760	5,915	5,842	4,566	5,762	4,975	3,360	2,760	3,696	6,024	5,238	6,381
Above Normal (15%)	3,891	5,285	5,343	3,212	3,852	3,440	1,123	1,324	2,461	5,845	5,221	6,638
Below Normal (17%)	4,014	4,847	4,587	2,960	3,939	2,994	1,163	935	1,727	6,296	6,379	4,277
Dry (22%)	2,368	3,576	3,252	2,787	2,696	1,941	614	549	1,554	3,799	645	2,534
Critical (15%)	861	2,197	3,117	2,559	2,586	1,791	525	444	907	706	409	1,283

Table 5B4-3-3c. SWP Banks PP Exports, Alternative 2 011221 minus No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	33	0	0	-19	4	-442	35	190	0	0	0	0
20%	139	0	0	0	0	0	142	0	-6	0	-26	0
30%	32	58	-127	6	-97	-128	0	10	-67	0	0	0
40%	-45	105	5	0	-107	0	0	0	7	0	0	15
50%	3	179	9	0	0	-44	1	0	0	0	0	0
60%	-14	75	17	-6	0	0	0	0	14	-124	171	120
70%	-1	122	0	-15	0	0	0	0	-66	144	-110	-33
80%	-90	198	8	0	18	-2	0	0	20	-372	0	32
90%	-121	231	0	0	-2	0	0	31	0	0	0	-1
Long Term												
Full Simulation Period[a]	-18	90	1	-6	-26	-4	3	3	-19	-21	10	10
Water Year Types[b,c]												
Wet (32%)	-20	-6	2	2	-5	-31	7	-9	-6	-3	30	-1
Above Normal (15%)	17	-7	-35	0	-39	3	2	18	4	-8	-1	0
Below Normal (17%)	104	342	14	-13	-75	15	3	0	-42	-2	0	30
Dry (22%)	1	67	-8	-7	-27	4	0	6	-70	-28	1	1
Critical (15%)	-223	135	35	-19	-1	14	0	11	31	-83	2	33

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-3-4a. SWP Banks PP Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	5,682	6,680	7,113	6,083	7,835	6,779	4,654	4,724	5,043	6,680	6,680	6,680
20%	4,722	6,680	7,011	4,188	5,479	4,774	2,507	2,360	3,281	6,680	6,192	6,680
30%	4,129	6,561	6,925	3,395	4,310	3,887	1,106	690	2,579	6,192	5,542	6,680
40%	3,792	5,569	4,814	2,881	4,015	3,304	691	600	2,124	6,192	5,542	6,589
50%	3,405	4,554	3,868	2,792	3,072	2,407	639	600	1,895	6,192	5,542	4,980
60%	2,993	3,726	3,261	2,683	2,675	2,134	600	600	1,776	5,849	3,225	3,124
70%	2,425	3,250	2,967	2,650	2,581	1,892	600	600	1,630	4,900	572	2,570
80%	2,061	2,373	2,746	2,499	2,455	1,768	600	600	1,058	1,936	300	2,314
90%	1,129	1,738	2,558	2,122	2,296	1,614	600	324	300	300	300	1,693
Long Term												
Full Simulation Period[a]	3,428	4,493	4,586	3,415	4,059	3,284	1,637	1,411	2,320	4,798	3,706	4,459
Water Year Types[b,c]												
Wet (32%)	4,779	5,921	5,840	4,563	5,767	5,006	3,353	2,769	3,701	6,027	5,208	6,382
Above Normal (15%)	3,874	5,292	5,378	3,212	3,891	3,437	1,120	1,306	2,457	5,853	5,222	6,638
Below Normal (17%)	3,910	4,504	4,572	2,972	4,013	2,978	1,160	935	1,769	6,299	6,379	4,246
Dry (22%)	2,367	3,509	3,260	2,794	2,723	1,937	614	543	1,624	3,826	644	2,533
Critical (15%)	1,084	2,062	3,082	2,578	2,587	1,777	525	433	875	789	407	1,251

Table 5B4-3-4b. SWP Banks PP Exports, Alternative 3 020121, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	6,073	6,680	7,115	6,083	7,839	6,210	4,691	4,523	5,043	6,680	6,680	6,680
20%	4,839	6,680	7,011	4,188	5,534	4,951	2,632	2,145	3,433	6,680	6,176	6,680
30%	4,164	6,664	6,948	3,430	4,293	4,235	1,107	700	2,482	6,192	5,542	6,680
40%	3,758	5,670	5,156	2,881	3,908	3,371	691	600	2,098	6,192	5,542	6,379
50%	3,448	4,571	4,275	2,792	3,072	2,574	639	600	1,882	6,192	5,542	4,980
60%	2,997	3,814	3,376	2,678	2,706	2,145	600	600	1,790	5,593	3,374	3,212
70%	2,438	3,416	2,967	2,598	2,586	1,892	600	600	1,565	4,846	622	2,522
80%	1,941	2,624	2,746	2,399	2,516	1,763	600	600	996	1,822	300	2,344
90%	1,013	1,911	2,558	2,116	2,305	1,595	600	366	300	300	300	1,688
Long Term												
Full Simulation Period[a]	3,421	4,572	4,708	3,407	4,063	3,347	1,648	1,379	2,284	4,777	3,721	4,474
Water Year Types[b,c]												
Wet (32%)	4,751	5,927	5,837	4,566	5,762	5,055	3,361	2,666	3,696	6,029	5,220	6,358
Above Normal (15%)	4,020	5,321	5,440	3,212	3,973	3,504	1,172	1,326	2,461	5,620	5,222	6,638
Below Normal (17%)	4,005	4,826	4,592	2,960	3,955	3,239	1,163	896	1,721	6,305	6,391	4,359
Dry (22%)	2,363	3,523	3,730	2,773	2,723	1,937	614	553	1,520	3,940	686	2,539
Critical (15%)	842	2,164	3,134	2,565	2,610	1,733	525	445	854	695	409	1,264

Table 5B4-3-4c. SWP Banks PP Exports, Alternative 3 020121 minus No Action Alternative 011221, Monthly Delivery (cfs)

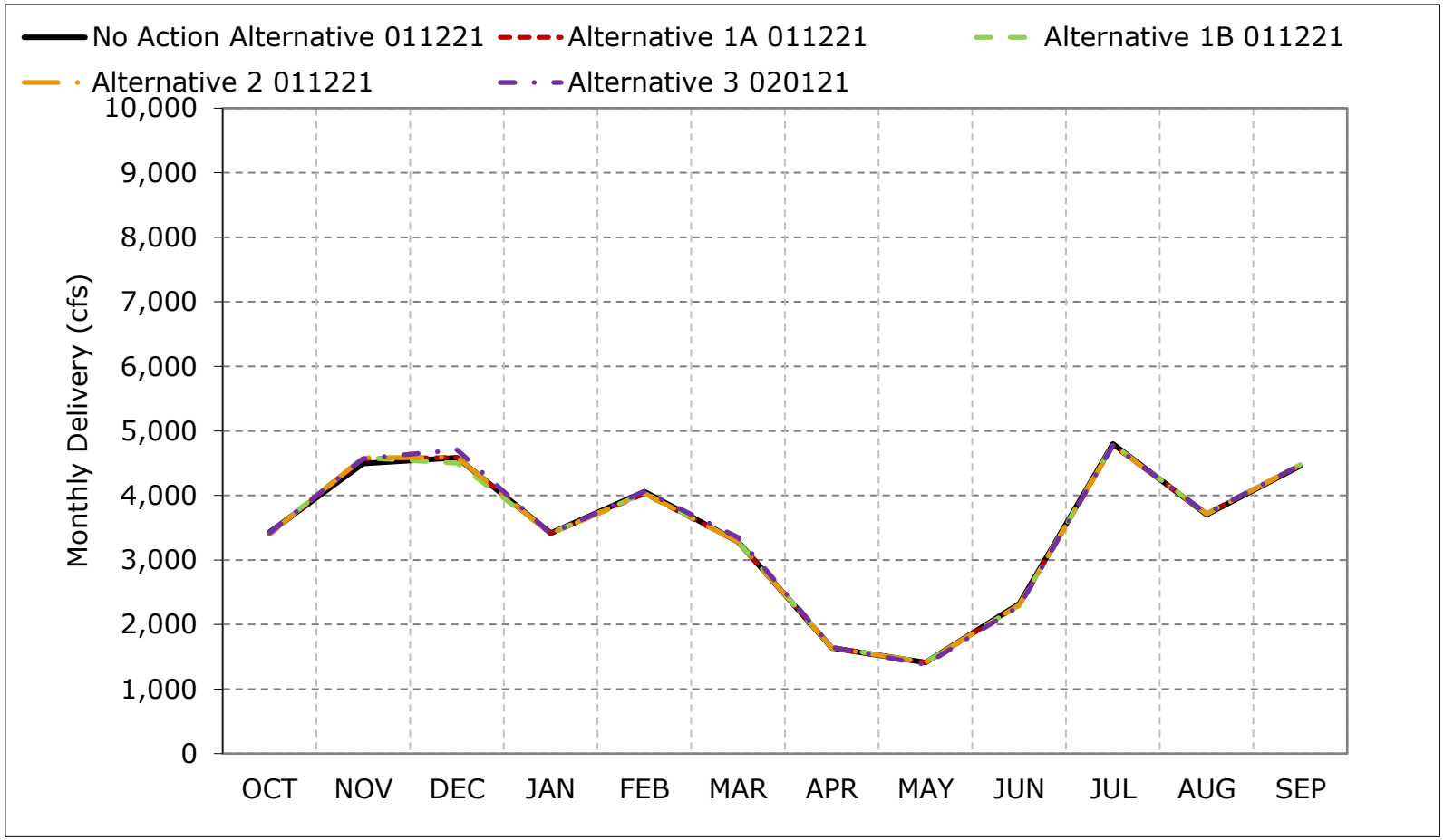
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	391	0	2	0	4	-569	37	-201	0	0	0	0
20%	117	0	0	0	55	177	125	-216	152	0	-16	0
30%	35	103	23	35	-17	348	0	10	-97	0	0	0
40%	-35	101	341	0	-107	66	0	0	-26	0	0	-210
50%	43	17	408	0	0	168	1	0	-13	0	0	0
60%	4	88	116	-6	31	11	0	0	14	-256	149	88
70%	13	166	0	-53	5	0	0	0	-66	-54	50	-48
80%	-120	252	0	-100	62	-5	0	0	-62	-114	0	30
90%	-117	174	0	-6	9	-18	0	42	0	0	0	-5
Long Term												
Full Simulation Period[a]	-8	79	122	-8	4	63	11	-32	-35	-21	15	15
Water Year Types[b,c]												
Wet (32%)	-28	6	-3	3	-5	49	8	-102	-6	2	12	-24
Above Normal (15%)	146	28	62	0	82	67	52	20	4	-233	-1	0
Below Normal (17%)	95	322	19	-13	-58	260	3	-39	-48	6	12	113
Dry (22%)	-4	14	470	-21	0	-1	0	10	-104	114	42	6
Critical (15%)	-243	102	52	-12	23	-44	0	12	-21	-94	1	13

a Based on the 82-year simulation period.

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

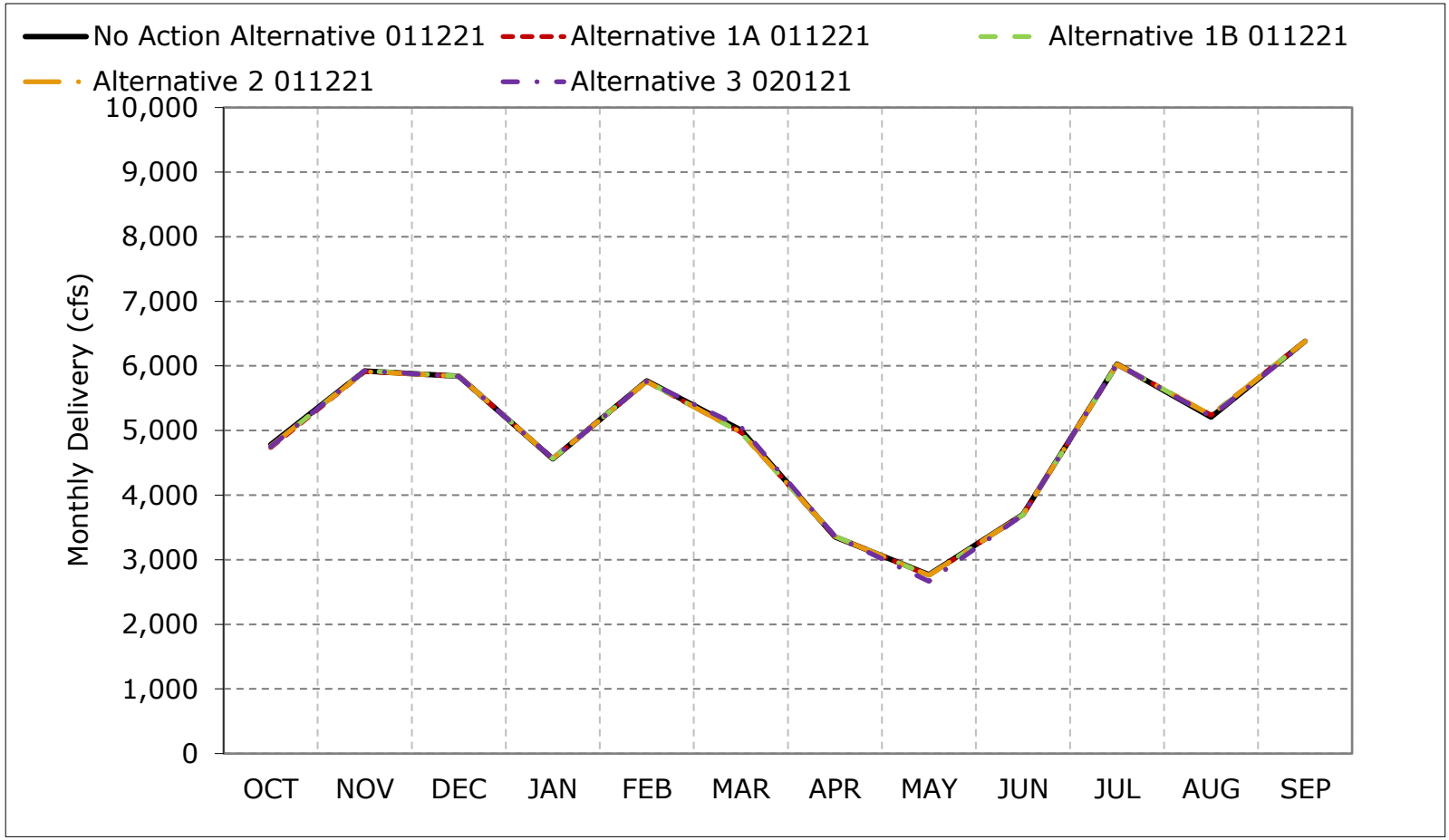
c These results are displayed with calendar year - year type sorting.

Figure 5B4-3-1. SWP Banks PP Exports, Long-Term Average Delivery



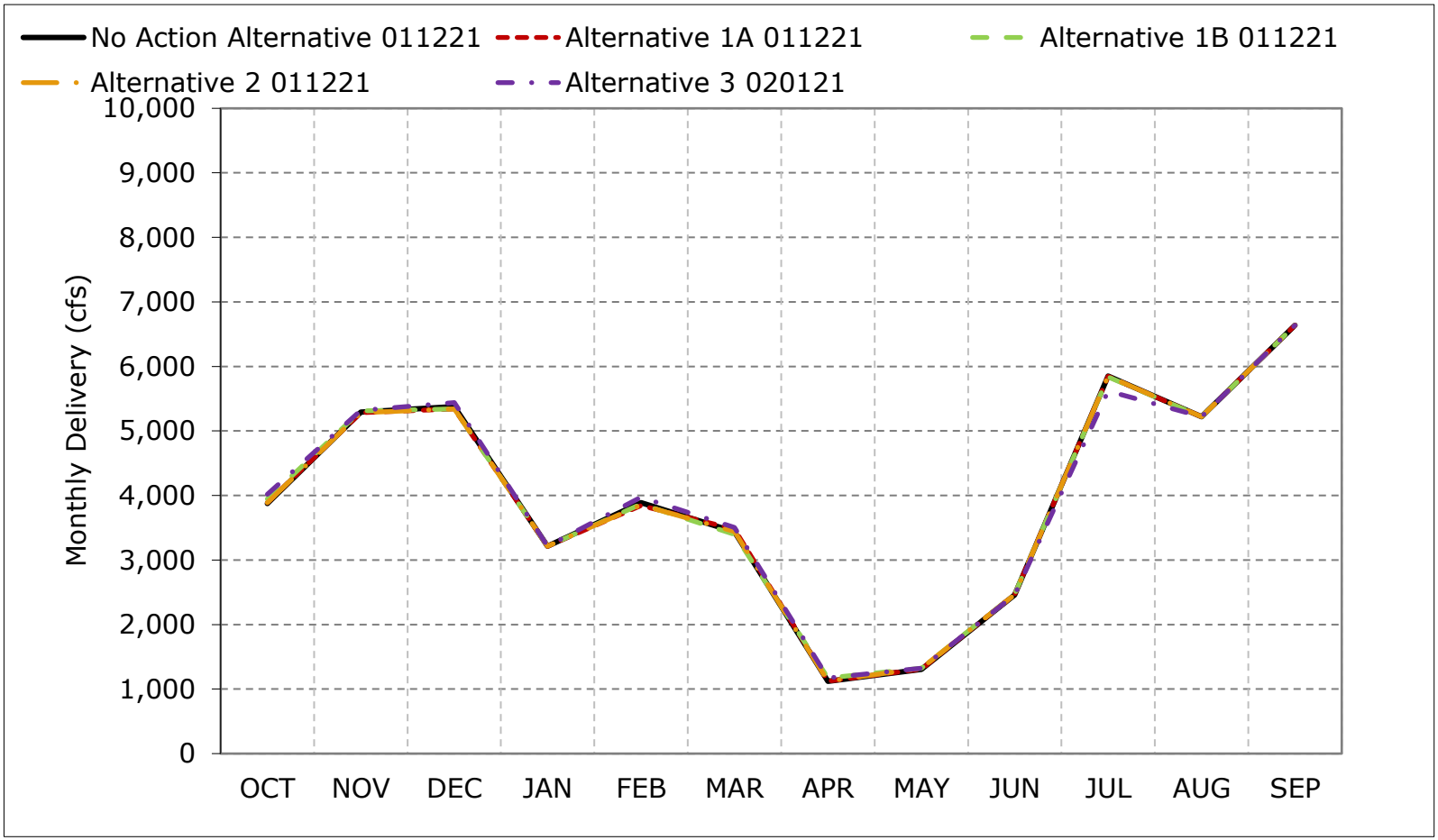
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-3-2. SWP Banks PP Exports, Wet Year Average Delivery



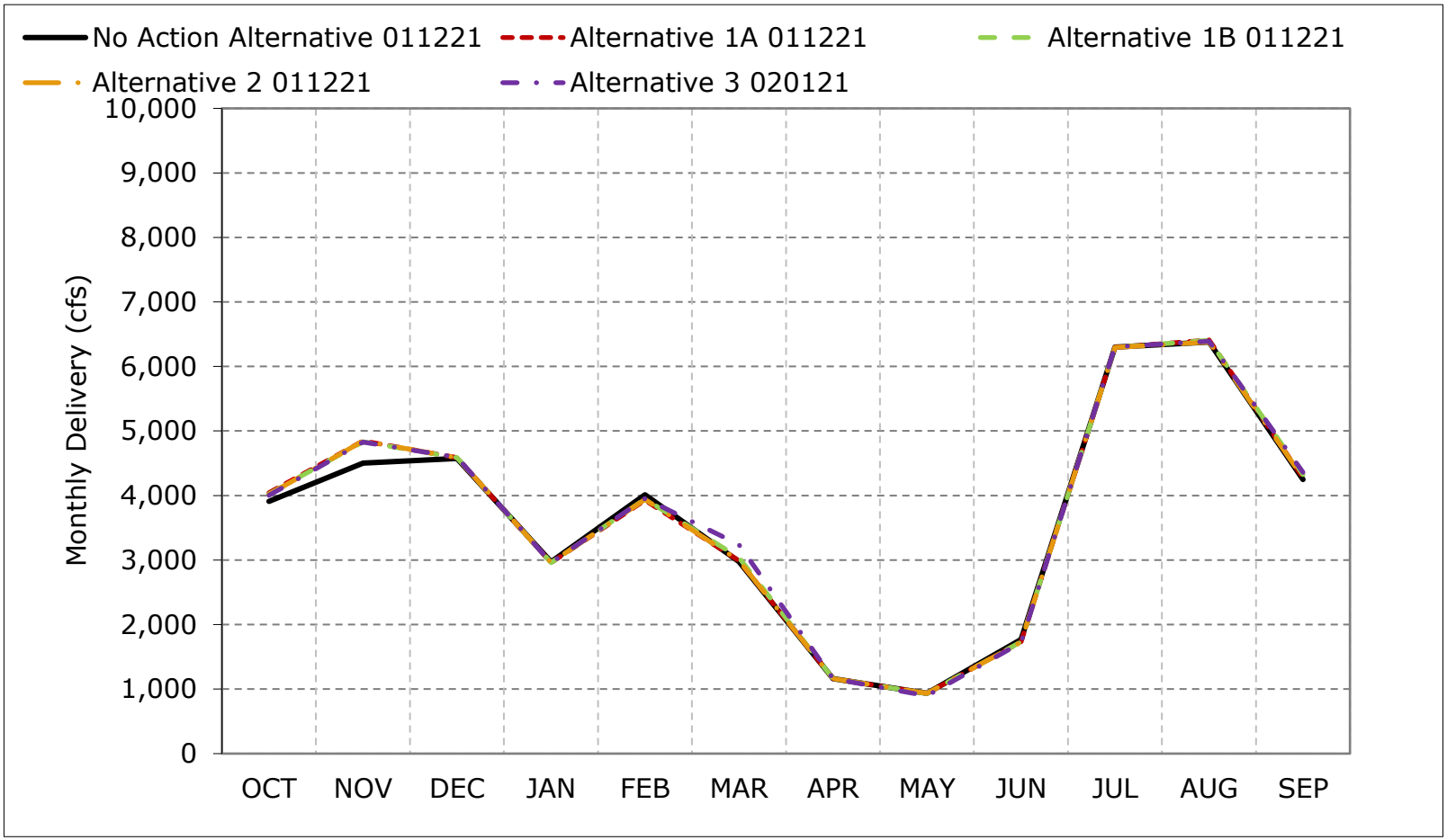
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-3-3. SWP Banks PP Exports, Above Normal Year Average Delivery



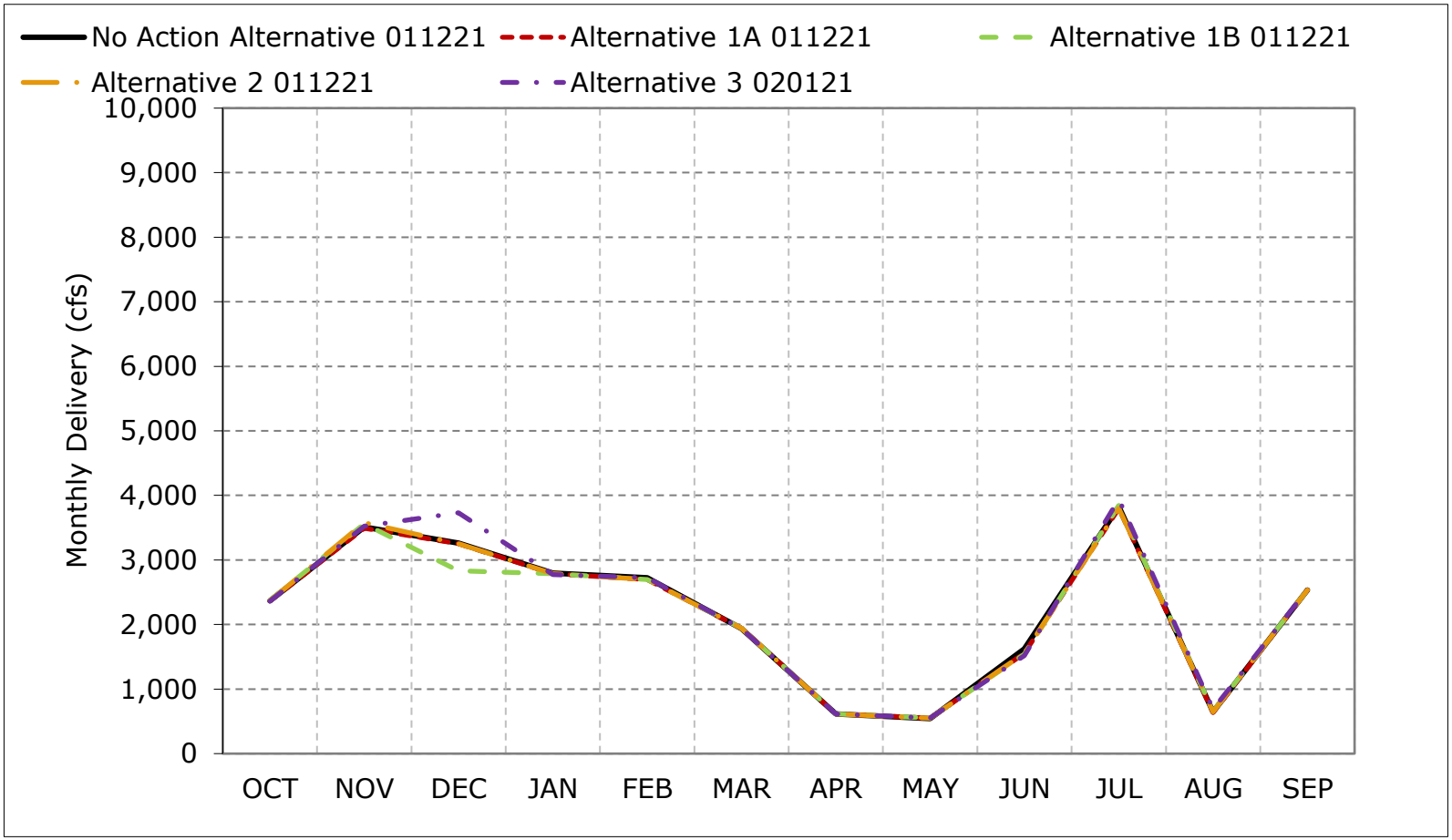
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-3-4. SWP Banks PP Exports, Below Normal Year Average Delivery



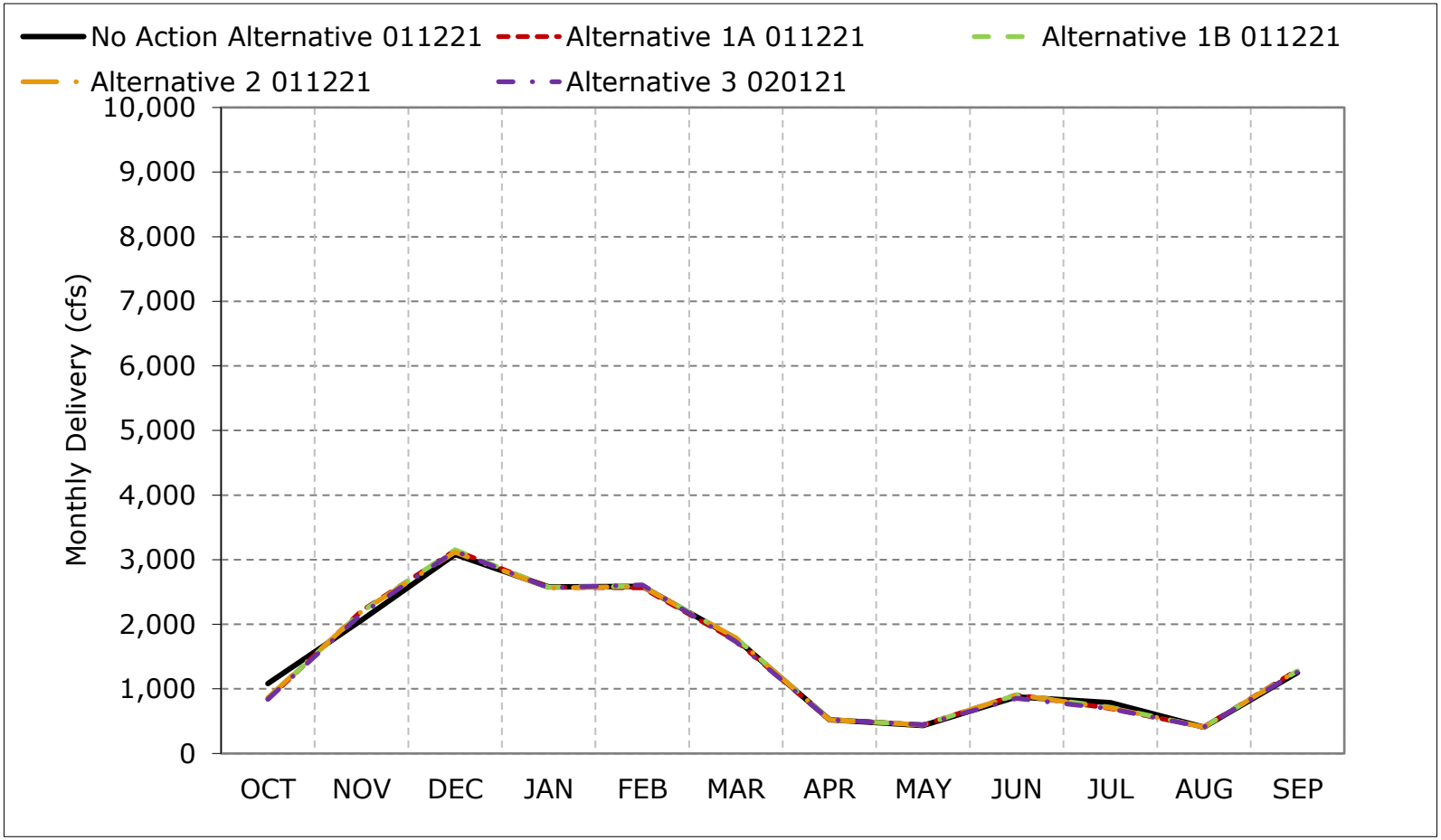
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-3-5. SWP Banks PP Exports, Dry Year Average Delivery



*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-3-6. SWP Banks PP Exports, Critical Year Average Delivery



*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-3-7. SWP Banks PP Exports, October

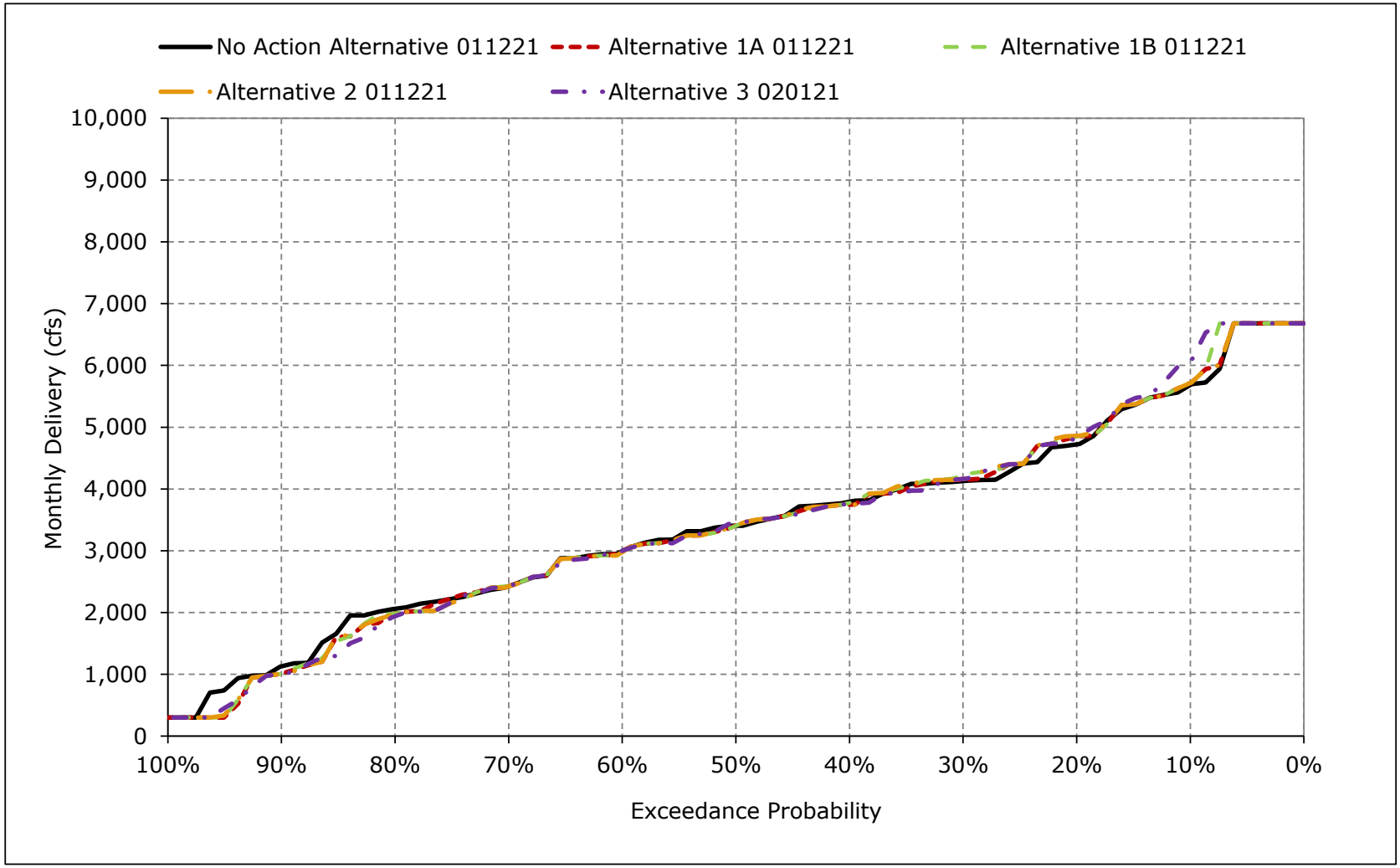


Figure 5B4-3-8. SWP Banks PP Exports, November

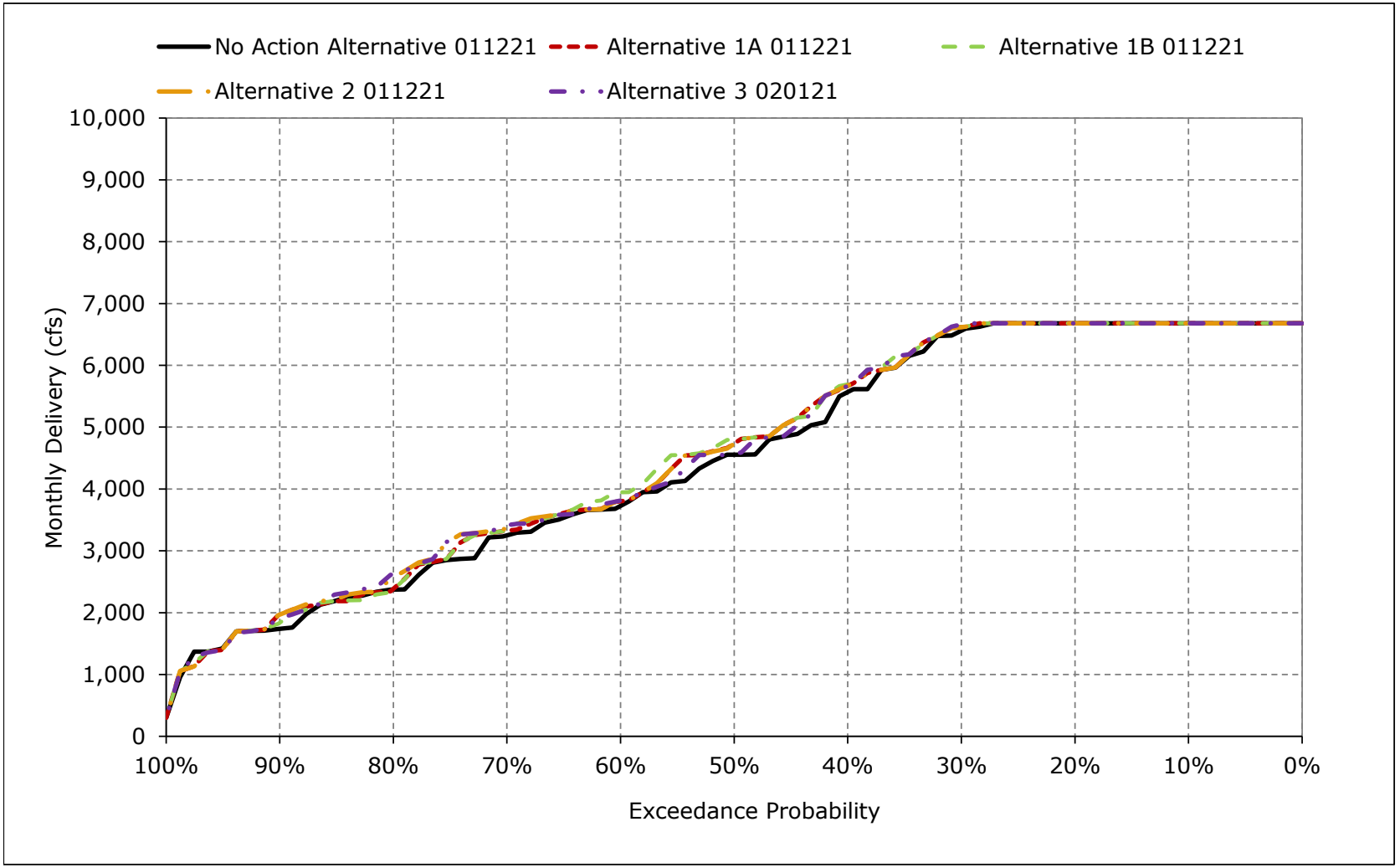


Figure 5B4-3-9. SWP Banks PP Exports, December

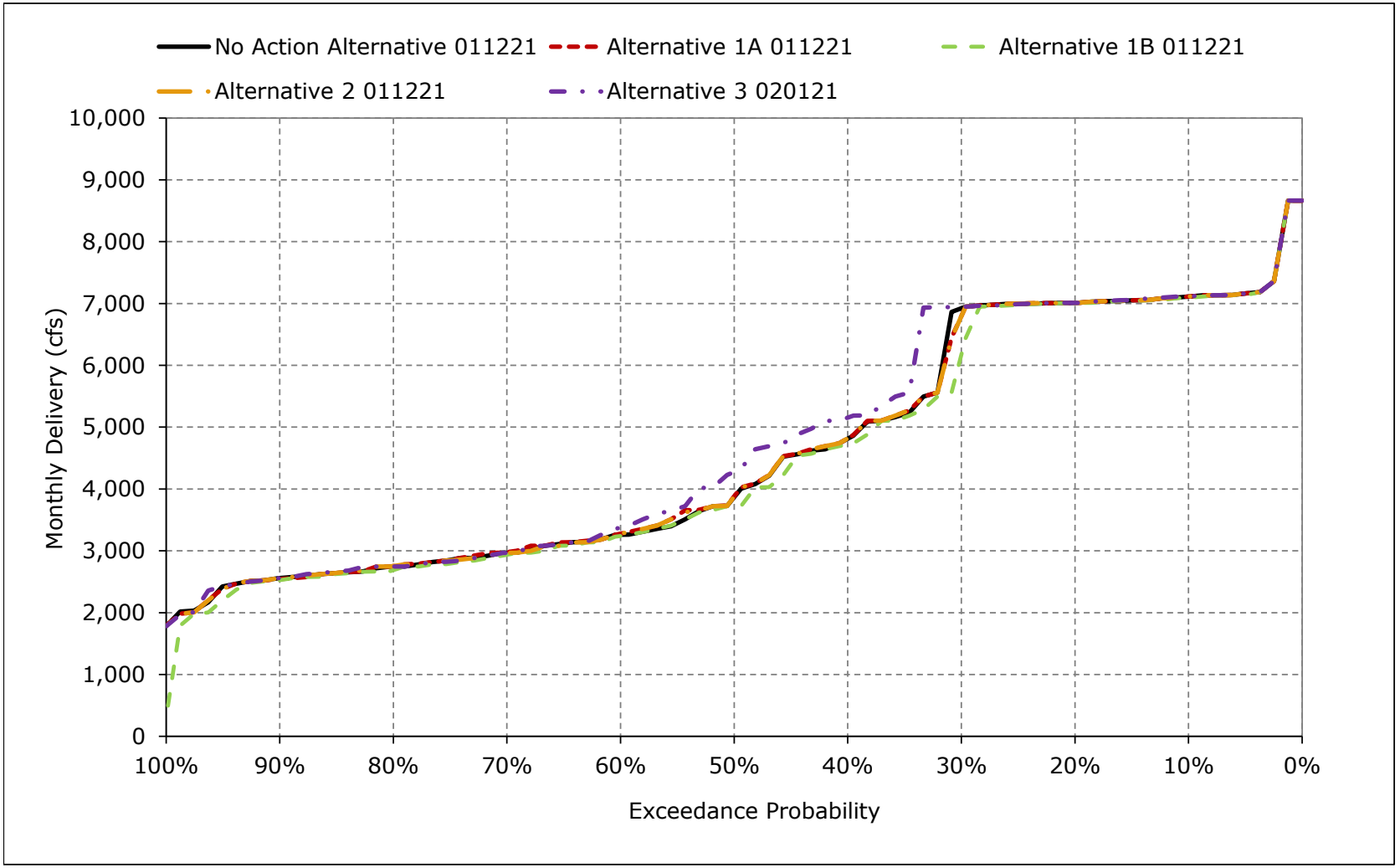


Figure 5B4-3-10. SWP Banks PP Exports, January

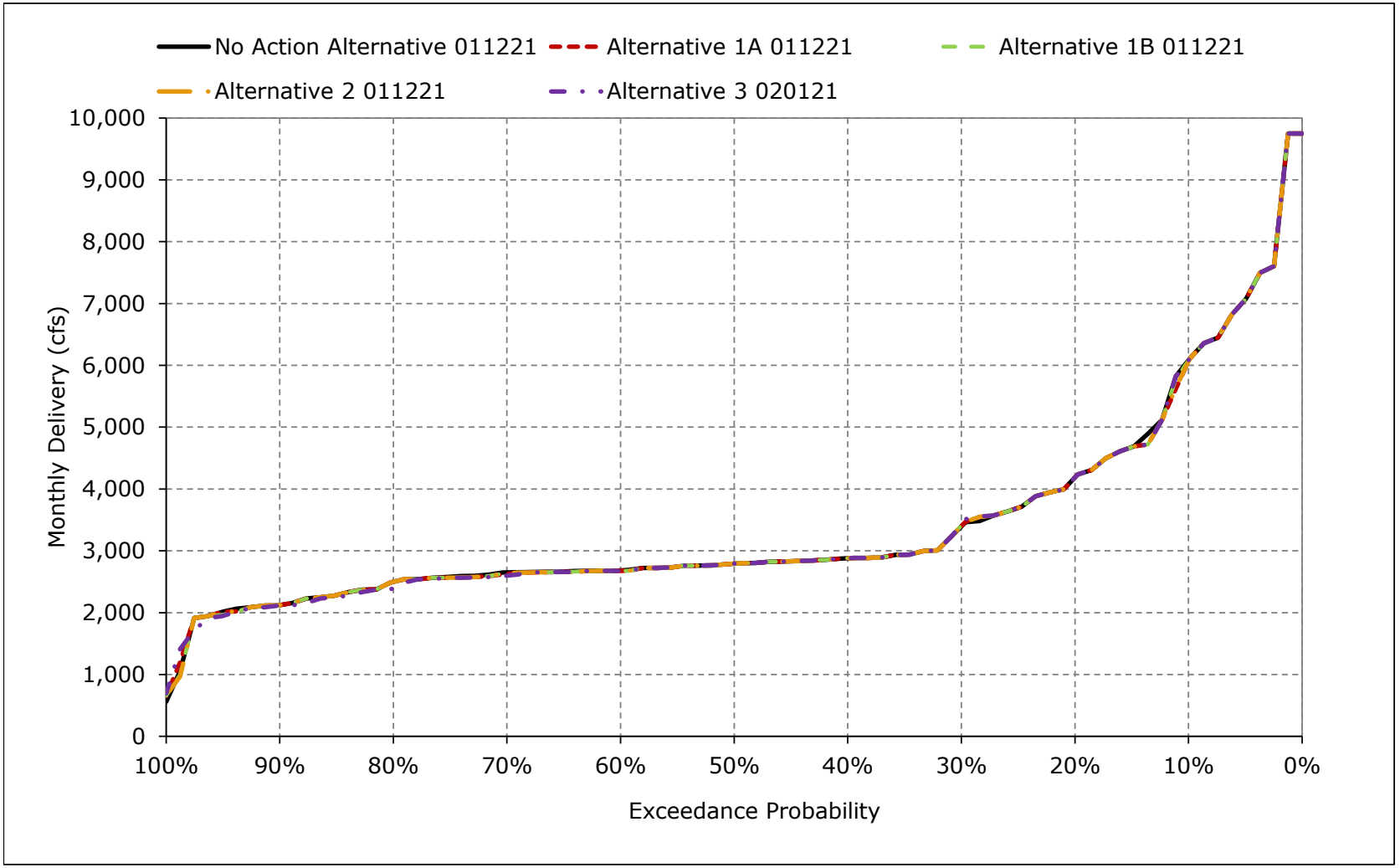


Figure 5B4-3-11. SWP Banks PP Exports, February

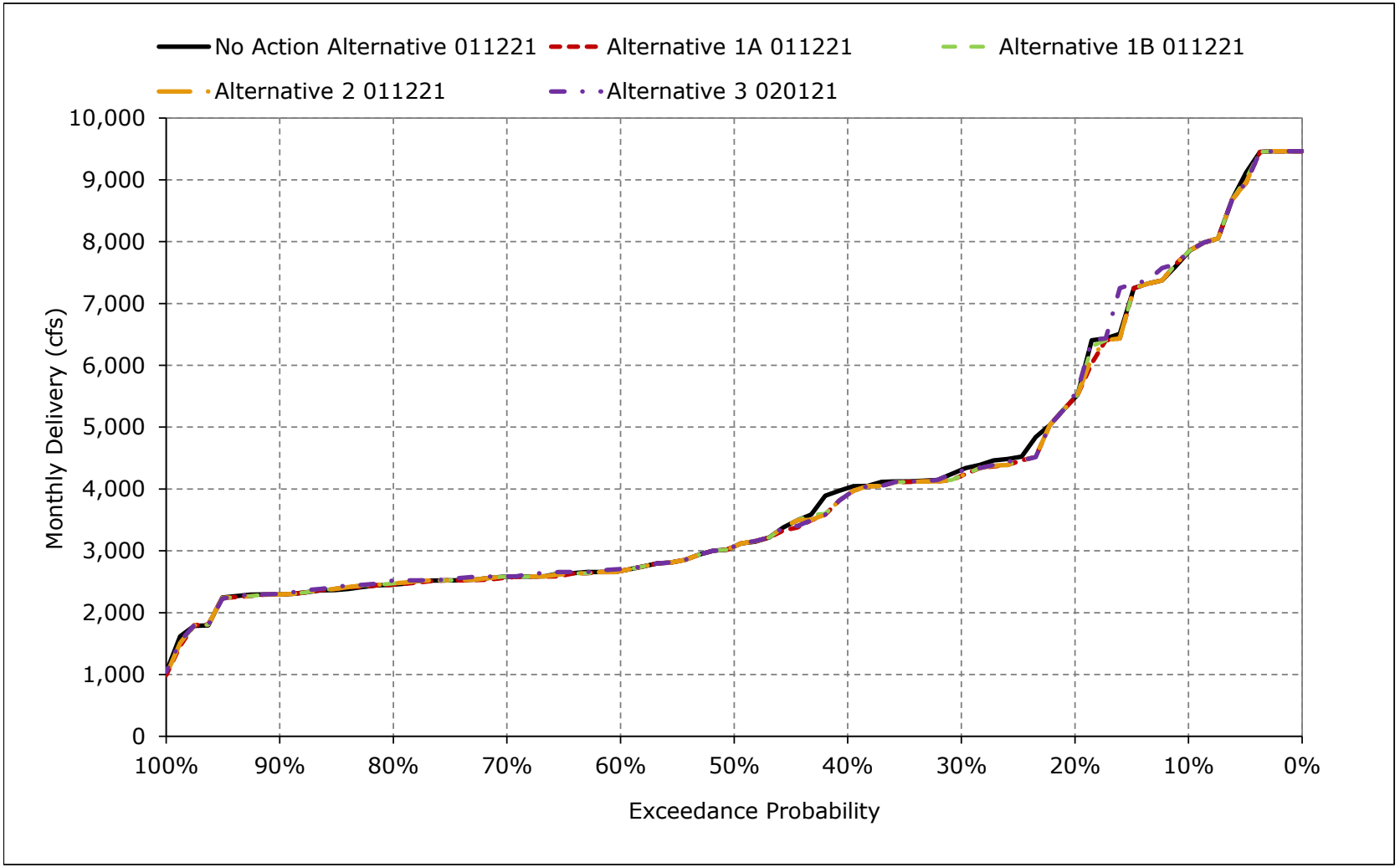


Figure 5B4-3-12. SWP Banks PP Exports, March

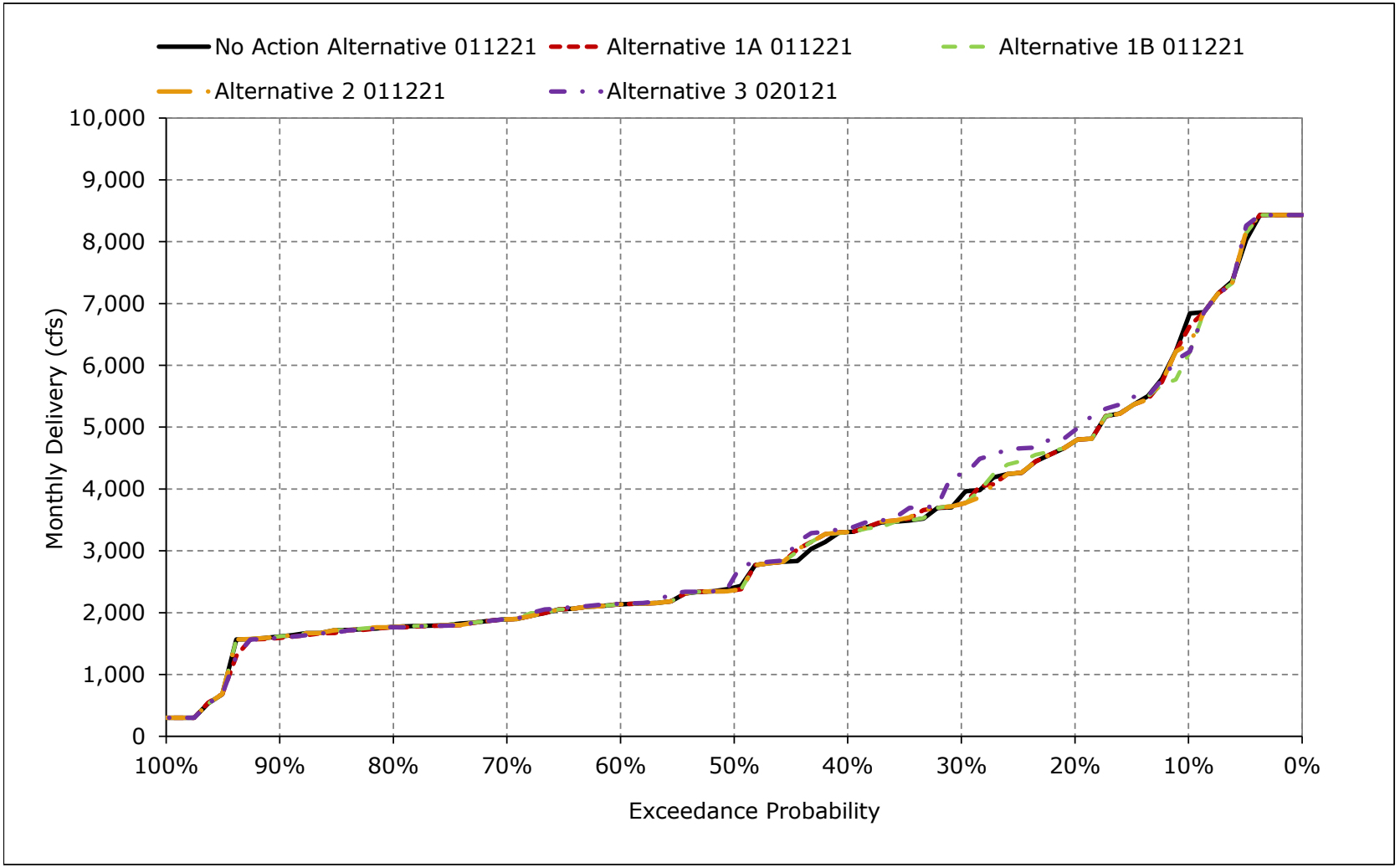


Figure 5B4-3-13. SWP Banks PP Exports, April

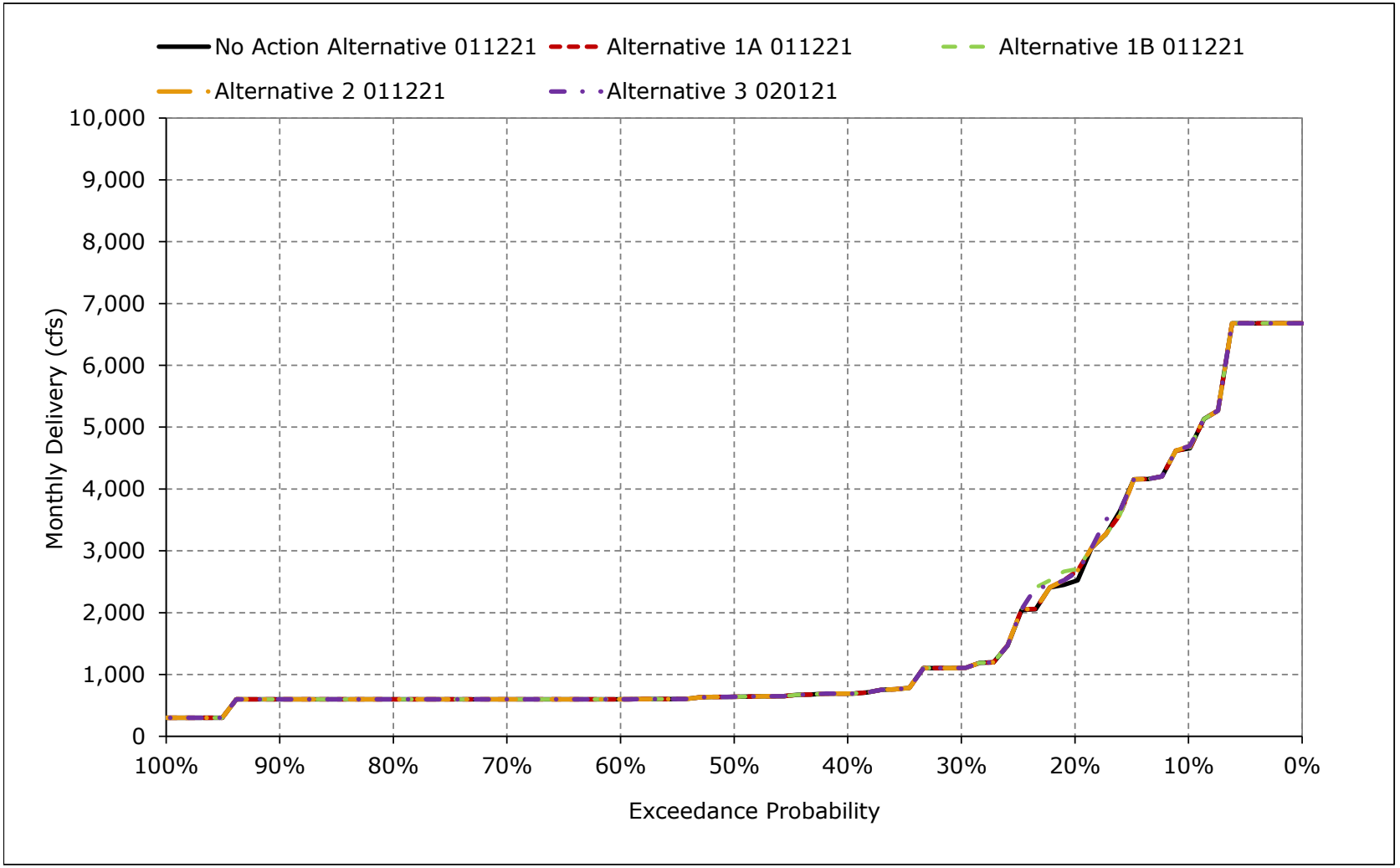


Figure 5B4-3-14. SWP Banks PP Exports, May

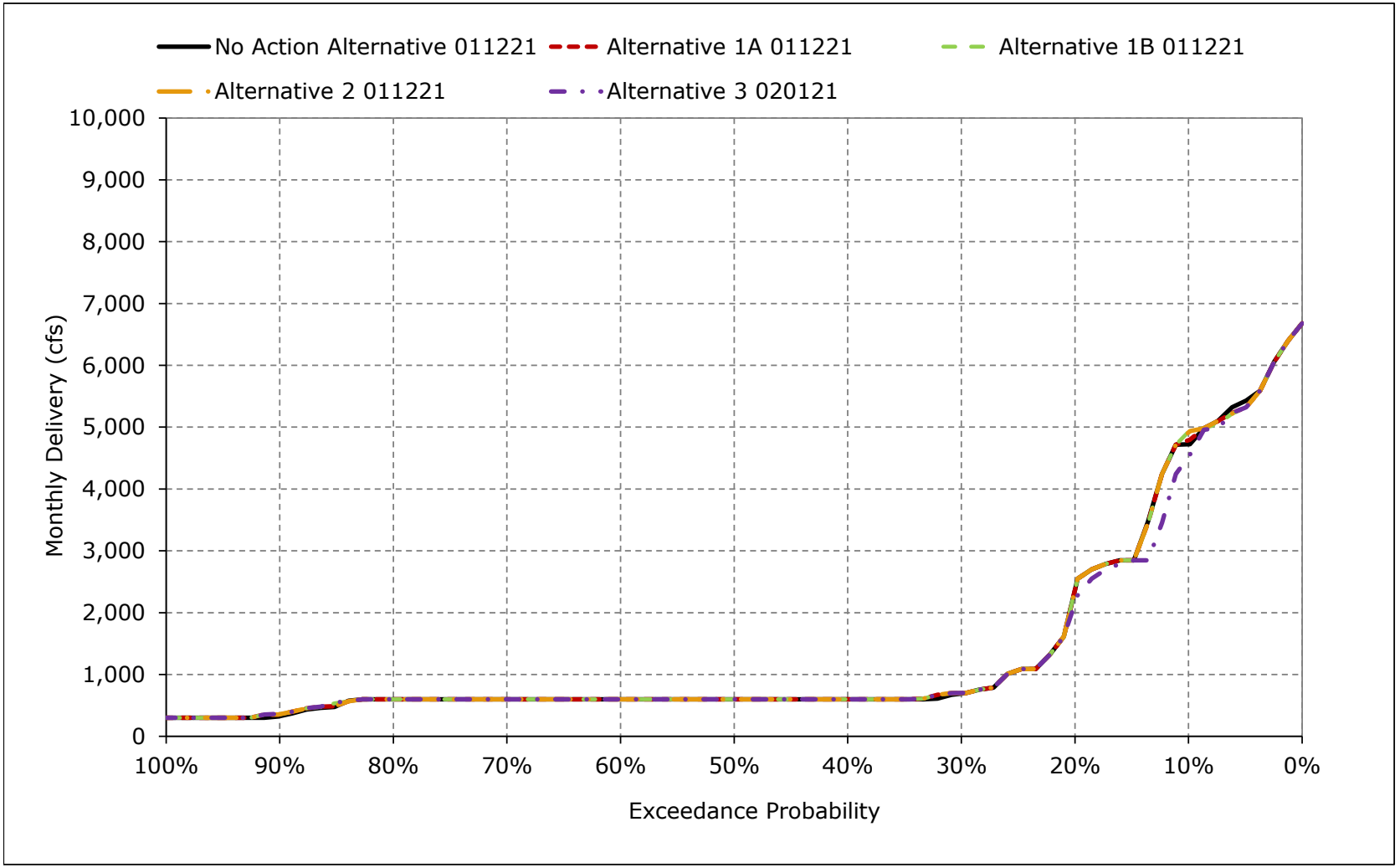


Figure 5B4-3-15. SWP Banks PP Exports, June

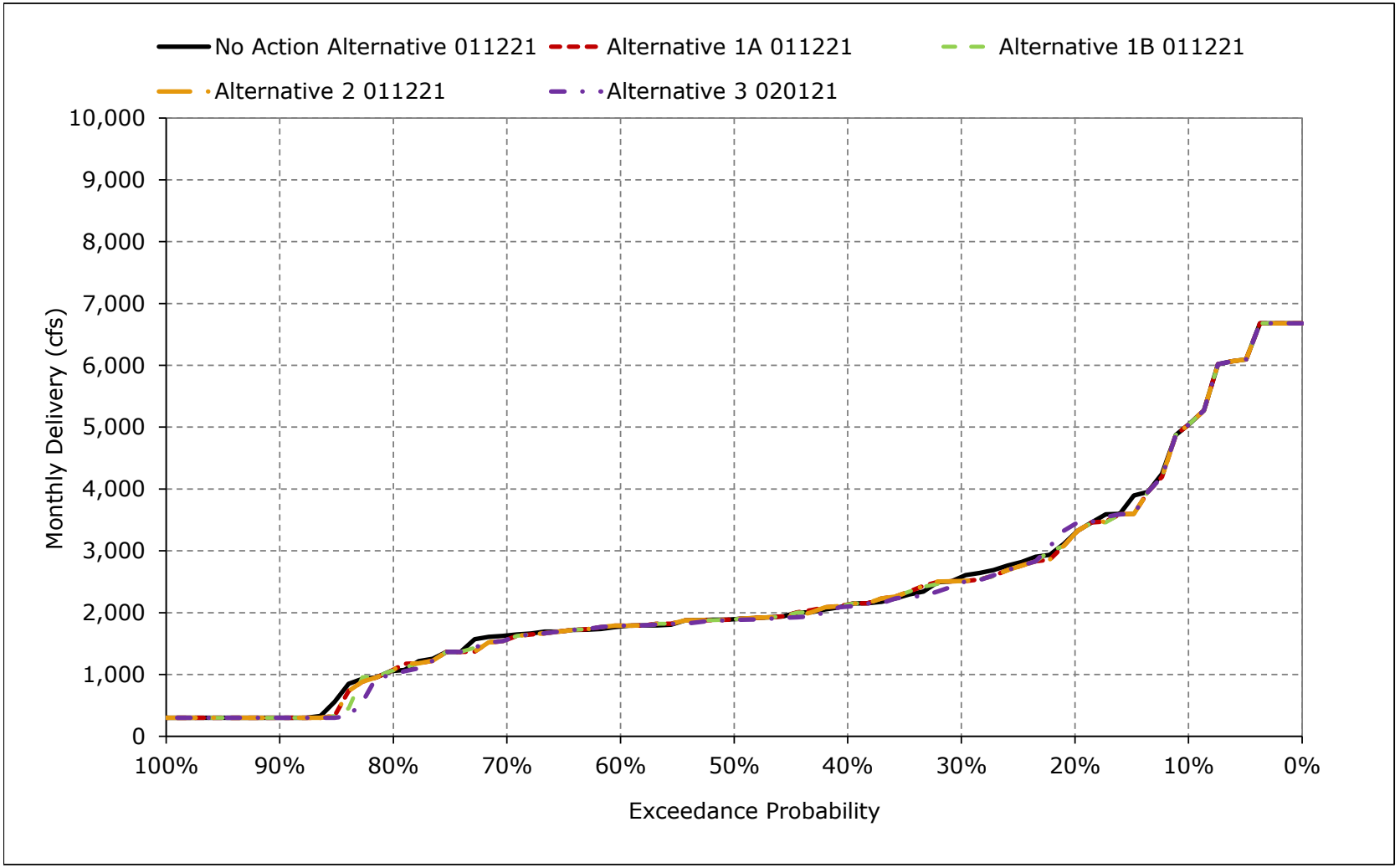


Figure 5B4-3-16. SWP Banks PP Exports, July

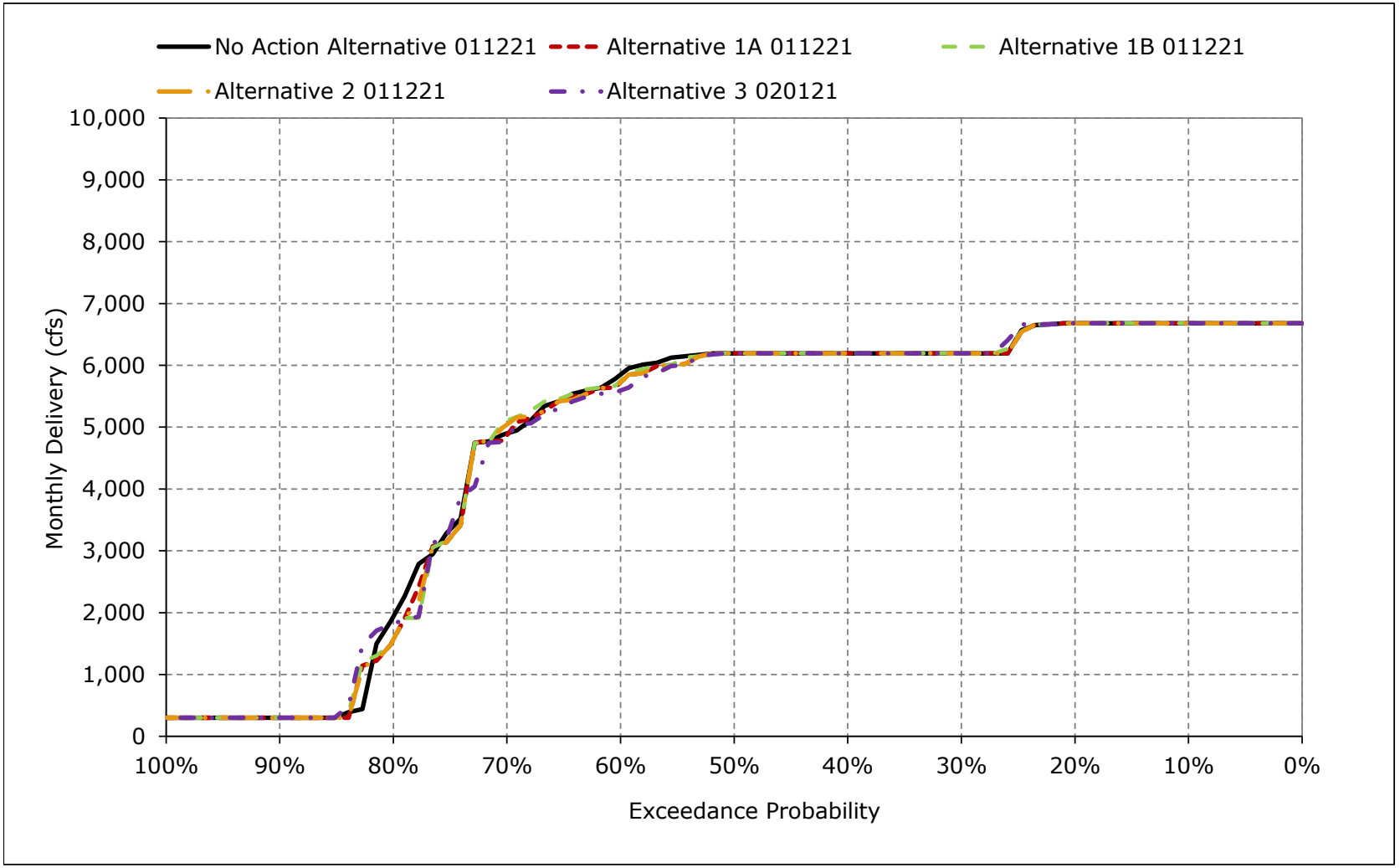


Figure 5B4-3-17. SWP Banks PP Exports, August

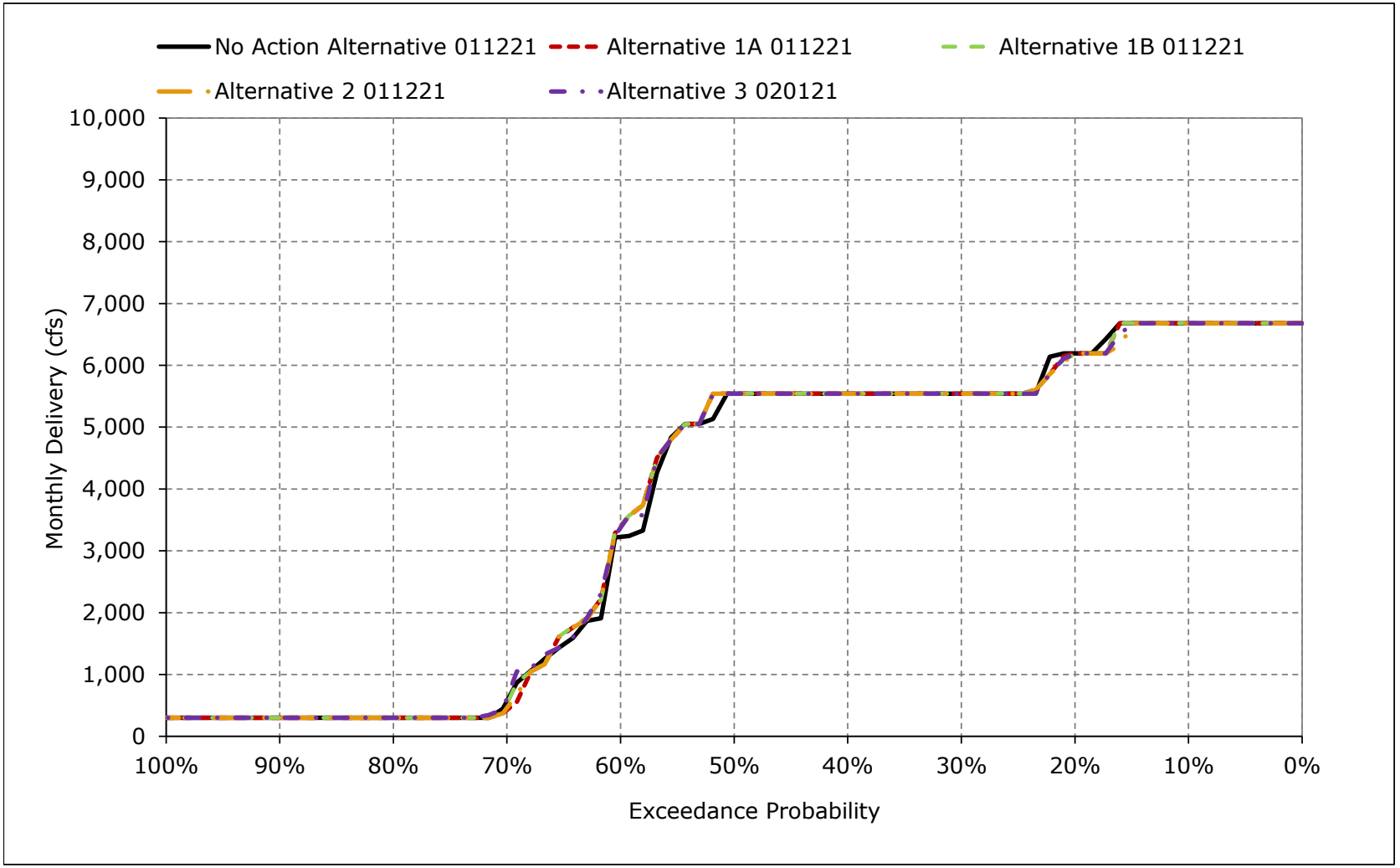


Figure 5B4-3-18. SWP Banks PP Exports, September

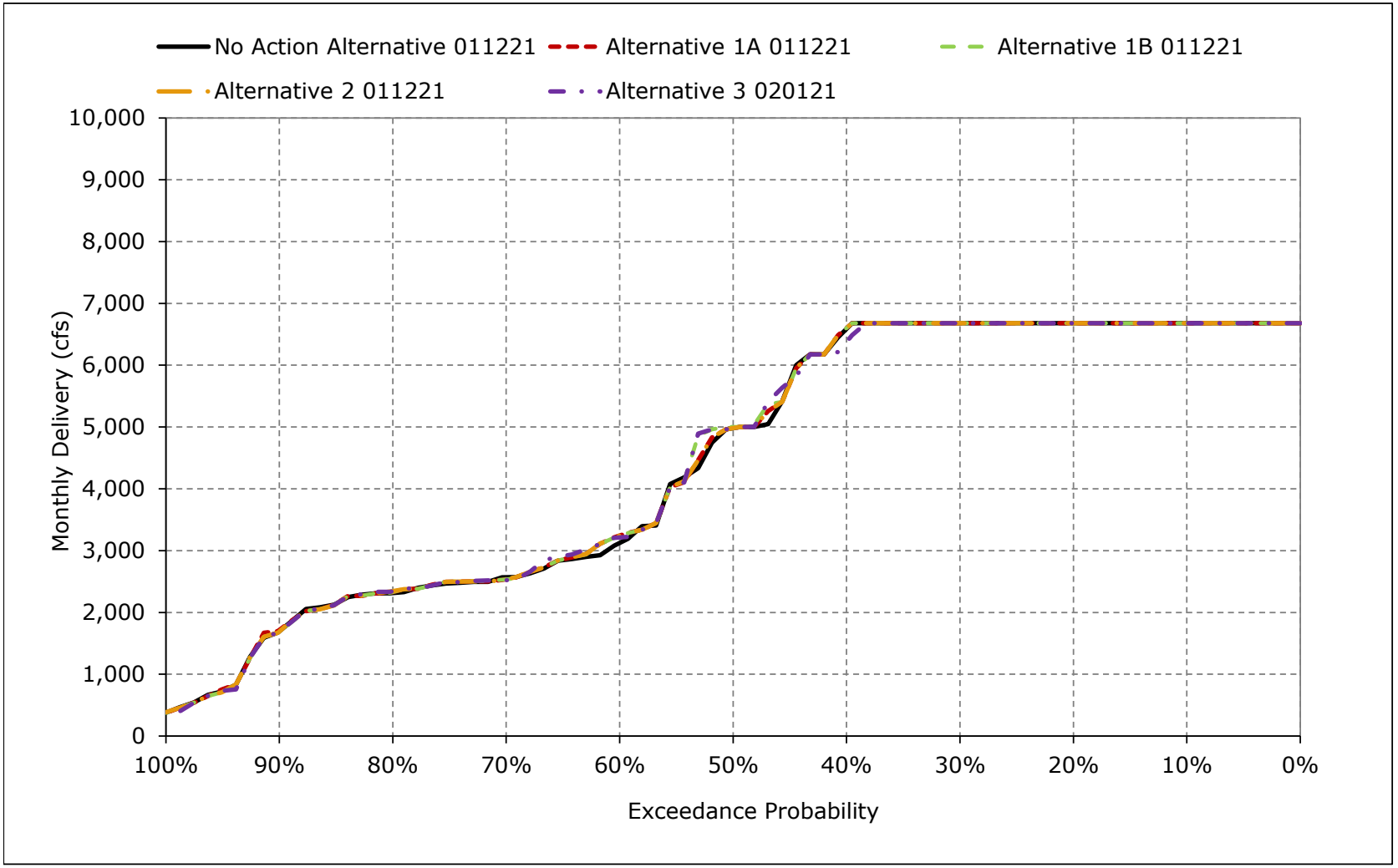


Table 5B4-4-1a. CVP Banks PP Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	253	1,676	34	0	0	0	0	0	0	487	728	1,128
20%	0	608	0	0	0	0	0	0	0	0	0	0
30%	0	157	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term												
Full Simulation Period[a]	107	354	95	0	36	0	0	0	0	112	134	180
Water Year Types[b,c]												
Wet (32%)	0	639	242	0	54	0	0	0	0	50	0	0
Above Normal (15%)	148	866	27	0	0	0	0	0	0	0	0	0
Below Normal (17%)	323	49	39	0	112	0	0	0	0	115	11	985
Dry (22%)	0	0	35	0	0	0	0	0	0	267	557	52
Critical (15%)	205	110	0	0	0	0	0	0	0	125	69	0

Table 5B4-4-1b. CVP Banks PP Exports, Alternative 1A 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	406	1,683	21	0	0	0	0	0	0	477	699	1,137
20%	0	662	0	0	0	0	0	0	0	0	0	0
30%	0	59	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term												
Full Simulation Period[a]	113	344	92	0	28	3	0	0	0	115	128	184
Water Year Types[b,c]												
Wet (32%)	0	645	232	0	49	1	0	0	0	50	0	0
Above Normal (15%)	148	871	25	0	0	0	0	0	0	0	0	0
Below Normal (17%)	310	26	40	0	72	0	0	0	0	115	23	1,011
Dry (22%)	0	0	35	0	0	0	0	0	0	272	523	52
Critical (15%)	262	52	0	0	0	18	0	0	0	130	60	0

Table 5B4-4-1c. CVP Banks PP Exports, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	153	7	-13	0	0	0	0	0	0	-10	-30	9
20%	0	54	0	0	0	0	0	0	0	0	0	0
30%	0	-98	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term												
Full Simulation Period[a]	6	-9	-3	0	-9	3	0	0	0	2	-7	4
Water Year Types[b,c]												
Wet (32%)	0	7	-10	0	-5	1	0	0	0	0	0	0
Above Normal (15%)	0	5	-2	0	0	0	0	0	0	0	0	0
Below Normal (17%)	-13	-22	2	0	-41	0	0	0	0	0	12	26
Dry (22%)	0	0	0	0	0	0	0	0	0	5	-33	0
Critical (15%)	56	-58	0	0	0	18	0	0	0	6	-9	0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-4-2a. CVP Banks PP Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	253	1,676	34	0	0	0	0	0	0	487	728	1,128
20%	0	608	0	0	0	0	0	0	0	0	0	0
30%	0	157	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term												
Full Simulation Period[a]	107	354	95	0	36	0	0	0	0	112	134	180
Water Year Types[b,c]												
Wet (32%)	0	639	242	0	54	0	0	0	0	50	0	0
Above Normal (15%)	148	866	27	0	0	0	0	0	0	0	0	0
Below Normal (17%)	323	49	39	0	112	0	0	0	0	115	11	985
Dry (22%)	0	0	35	0	0	0	0	0	0	267	557	52
Critical (15%)	205	110	0	0	0	0	0	0	0	125	69	0

Table 5B4-4-2b. CVP Banks PP Exports, Alternative 1B 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	197	1,683	71	0	0	0	0	0	0	482	766	1,142
20%	0	512	0	0	0	0	0	0	0	0	0	0
30%	0	82	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term												
Full Simulation Period[a]	108	347	113	0	29	2	0	0	0	116	142	182
Water Year Types[b,c]												
Wet (32%)	0	632	292	0	52	6	0	0	0	50	0	0
Above Normal (15%)	148	866	33	0	0	0	0	0	0	0	0	0
Below Normal (17%)	316	27	48	0	72	0	0	0	0	110	27	1,000
Dry (22%)	0	0	35	0	0	0	0	0	0	289	576	52
Critical (15%)	221	104	0	0	0	0	0	0	0	122	73	0

Table 5B4-4-2c. CVP Banks PP Exports, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-55	7	38	0	0	0	0	0	0	-5	37	14
20%	0	-95	0	0	0	0	0	0	0	0	0	0
30%	0	-75	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term												
Full Simulation Period[a]	1	-7	18	0	-8	2	0	0	0	3	7	3
Water Year Types[b,c]												
Wet (32%)	0	-6	50	0	-2	6	0	0	0	0	0	0
Above Normal (15%)	0	0	6	0	0	0	0	0	0	0	0	0
Below Normal (17%)	-7	-22	10	0	-40	0	0	0	0	-6	16	15
Dry (22%)	0	0	0	0	0	0	0	0	0	22	19	1
Critical (15%)	15	-6	0	0	0	0	0	0	0	-3	3	0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-4-3a. CVP Banks PP Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	253	1,676	34	0	0	0	0	0	0	487	728	1,128
20%	0	608	0	0	0	0	0	0	0	0	0	0
30%	0	157	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term												
Full Simulation Period[a]	107	354	95	0	36	0	0	0	0	112	134	180
Water Year Types[b,c]												
Wet (32%)	0	639	242	0	54	0	0	0	0	50	0	0
Above Normal (15%)	148	866	27	0	0	0	0	0	0	0	0	0
Below Normal (17%)	323	49	39	0	112	0	0	0	0	115	11	985
Dry (22%)	0	0	35	0	0	0	0	0	0	267	557	52
Critical (15%)	205	110	0	0	0	0	0	0	0	125	69	0

Table 5B4-4-3b. CVP Banks PP Exports, Alternative 2 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	303	1,683	21	0	0	0	0	0	0	478	717	928
20%	0	663	0	0	0	0	0	0	0	0	0	0
30%	0	59	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term												
Full Simulation Period[a]	110	347	92	0	28	3	0	0	0	113	134	178
Water Year Types[b,c]												
Wet (32%)	0	645	233	0	49	1	0	0	0	50	0	0
Above Normal (15%)	148	871	25	0	0	0	0	0	0	0	0	0
Below Normal (17%)	310	26	40	0	72	0	0	0	0	115	54	976
Dry (22%)	0	0	35	0	0	0	0	0	0	272	523	52
Critical (15%)	241	74	0	0	0	18	0	0	0	122	68	0

Table 5B4-4-3c. CVP Banks PP Exports, Alternative 2 011221 minus No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	50	7	-12	0	0	0	0	0	0	-9	-12	-201
20%	0	56	0	0	0	0	0	0	0	0	0	0
30%	0	-99	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term												
Full Simulation Period[a]	3	-6	-3	0	-9	3	0	0	0	1	0	-2
Water Year Types[b,c]												
Wet (32%)	0	6	-9	0	-5	1	0	0	0	0	0	0
Above Normal (15%)	0	5	-2	0	0	0	0	0	0	0	0	0
Below Normal (17%)	-13	-22	1	0	-41	0	0	0	0	0	43	-9
Dry (22%)	0	0	0	0	0	0	0	0	0	5	-33	0
Critical (15%)	35	-36	0	0	0	18	0	0	0	-2	-1	0

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-4-4a. CVP Banks PP Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	253	1,676	34	0	0	0	0	0	0	487	728	1,128
20%	0	608	0	0	0	0	0	0	0	0	0	0
30%	0	157	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term												
Full Simulation Period[a]	107	354	95	0	36	0	0	0	0	112	134	180
Water Year Types[b,c]												
Wet (32%)	0	639	242	0	54	0	0	0	0	50	0	0
Above Normal (15%)	148	866	27	0	0	0	0	0	0	0	0	0
Below Normal (17%)	323	49	39	0	112	0	0	0	0	115	11	985
Dry (22%)	0	0	35	0	0	0	0	0	0	267	557	52
Critical (15%)	205	110	0	0	0	0	0	0	0	125	69	0

Table 5B4-4-4b. CVP Banks PP Exports, Alternative 3 020121, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	406	1,683	28	0	0	0	0	0	0	496	756	1,031
20%	0	521	0	0	0	0	0	0	0	0	0	0
30%	0	29	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term												
Full Simulation Period[a]	117	343	103	0	31	2	0	0	0	123	144	178
Water Year Types[b,c]												
Wet (32%)	0	632	297	0	51	5	0	0	0	50	0	0
Above Normal (15%)	148	835	3	0	0	0	0	0	0	0	0	0
Below Normal (17%)	345	21	48	0	87	0	0	0	0	115	38	974
Dry (22%)	35	0	0	0	0	0	0	0	0	295	586	53
Critical (15%)	197	111	0	0	0	0	0	0	0	156	60	0

Table 5B4-4-4c. CVP Banks PP Exports, Alternative 3 020121 minus No Action Alternative 011221, Monthly Delivery (cfs)

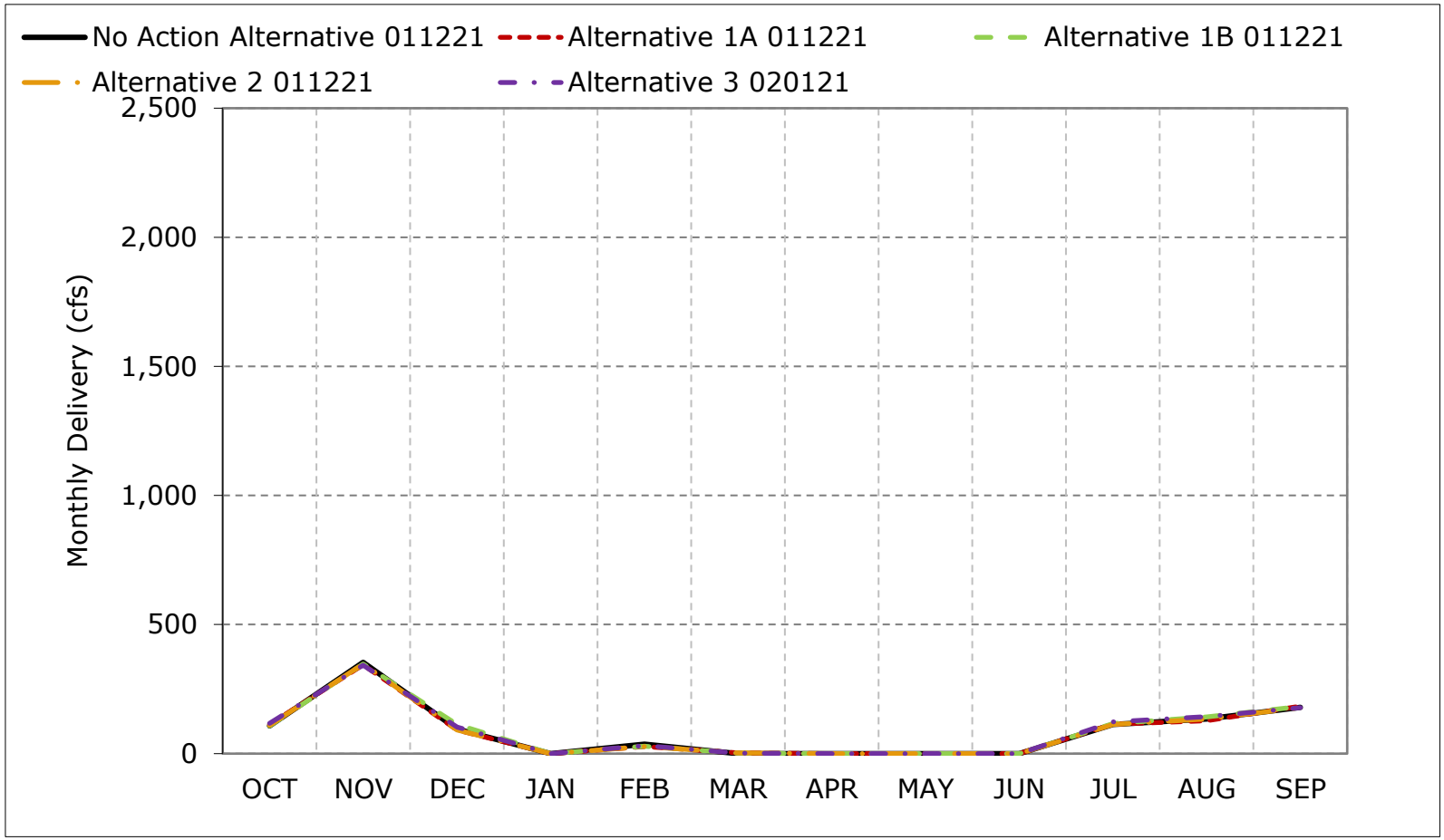
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	153	7	-5	0	0	0	0	0	0	9	27	-97
20%	0	-87	0	0	0	0	0	0	0	0	0	0
30%	0	-128	0	0	0	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0	0	0	0	0	0
70%	0	0	0	0	0	0	0	0	0	0	0	0
80%	0	0	0	0	0	0	0	0	0	0	0	0
90%	0	0	0	0	0	0	0	0	0	0	0	0
Long Term												
Full Simulation Period[a]	10	-11	8	0	-5	2	0	0	0	11	10	-2
Water Year Types[b,c]												
Wet (32%)	0	-6	54	0	-2	5	0	0	0	0	0	0
Above Normal (15%)	0	-30	-24	0	0	0	0	0	0	0	0	0
Below Normal (17%)	22	-28	9	0	-26	0	0	0	0	0	27	-11
Dry (22%)	35	0	-35	0	0	0	0	0	0	29	29	1
Critical (15%)	-9	1	0	0	0	0	0	0	0	31	-9	0

a Based on the 82-year simulation period.

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

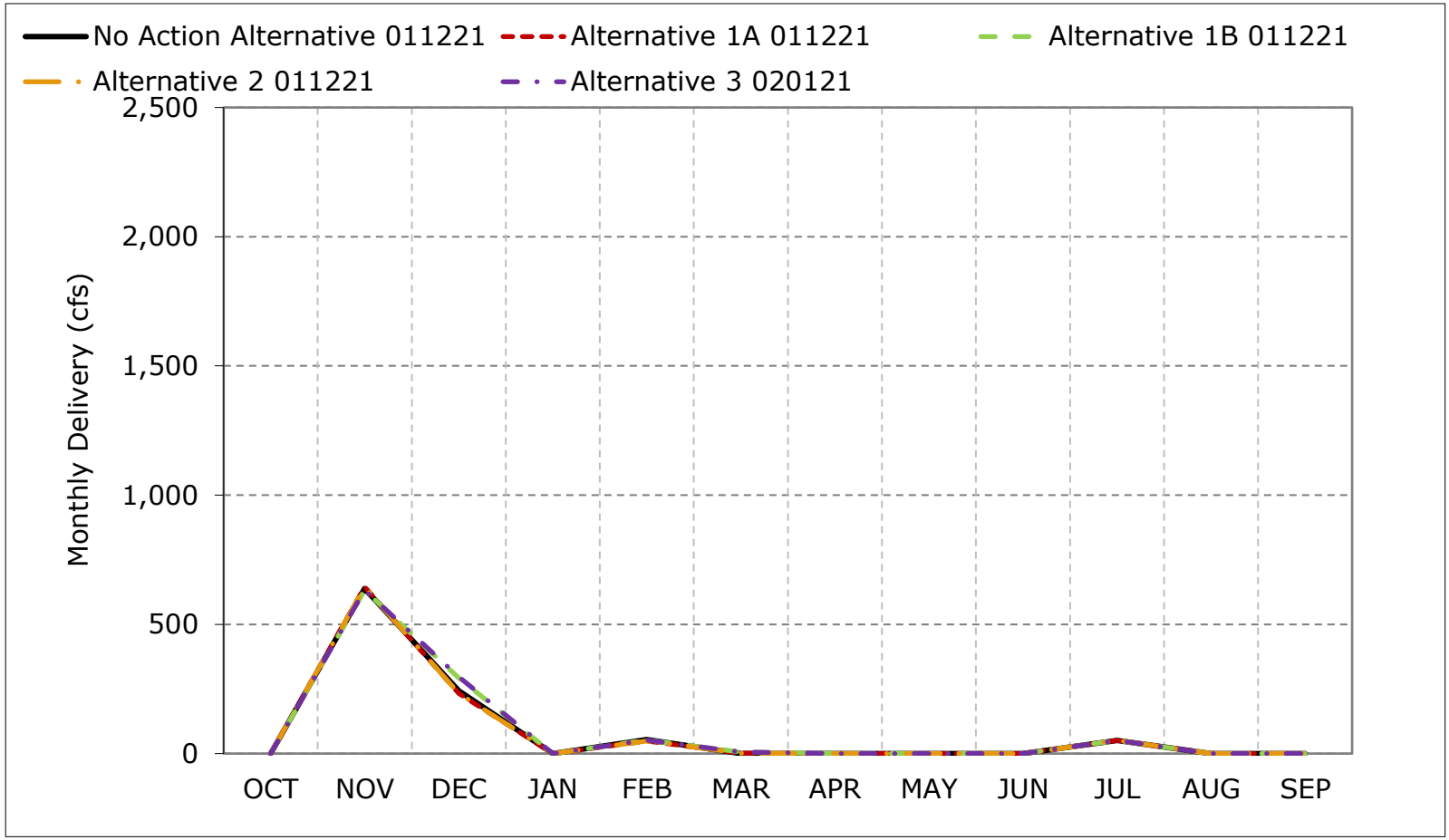
c These results are displayed with calendar year - year type sorting.

Figure 5B4-4-1. CVP Banks PP Exports, Long-Term Average Delivery



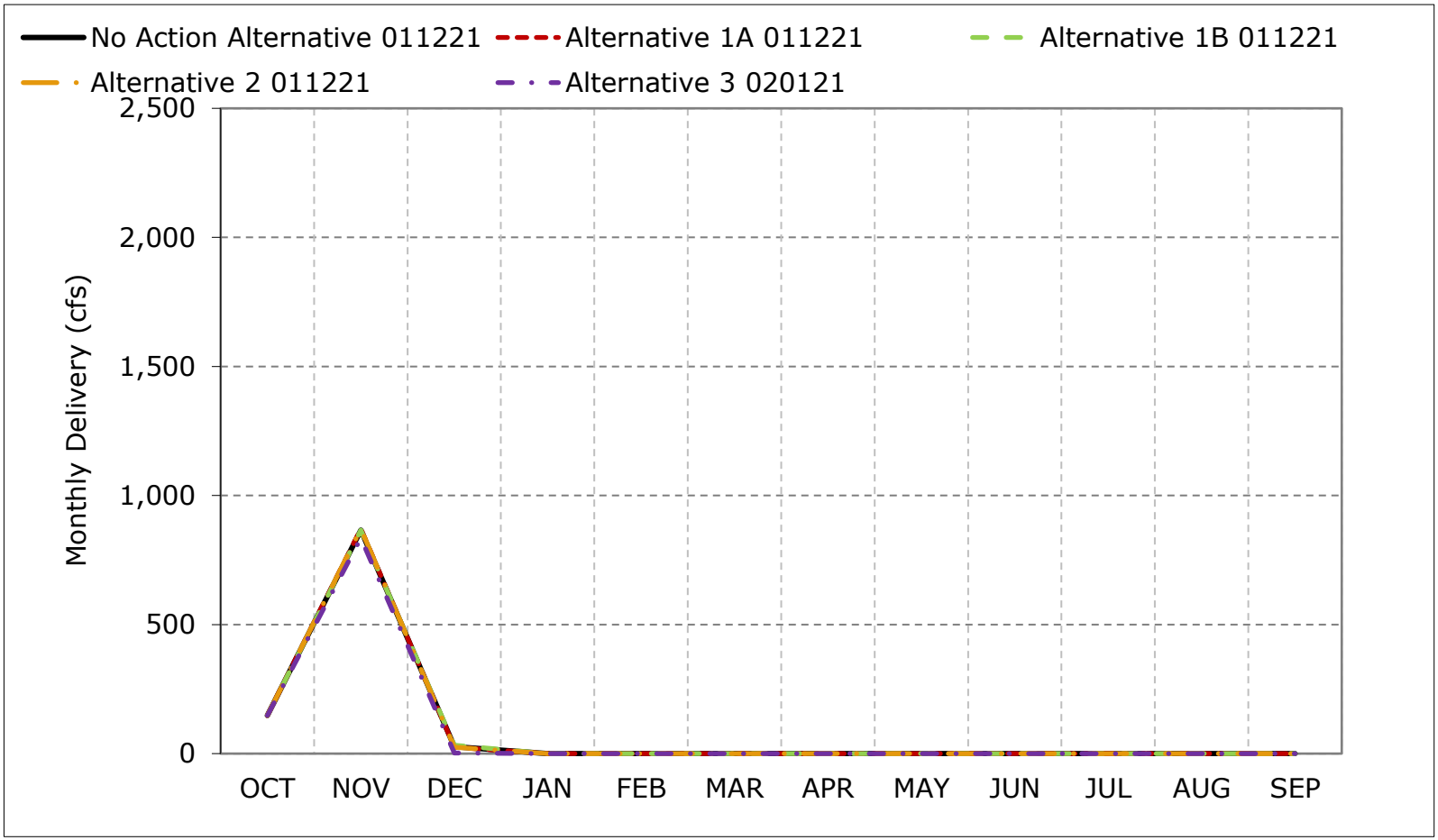
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-4-2. CVP Banks PP Exports, Wet Year Average Delivery



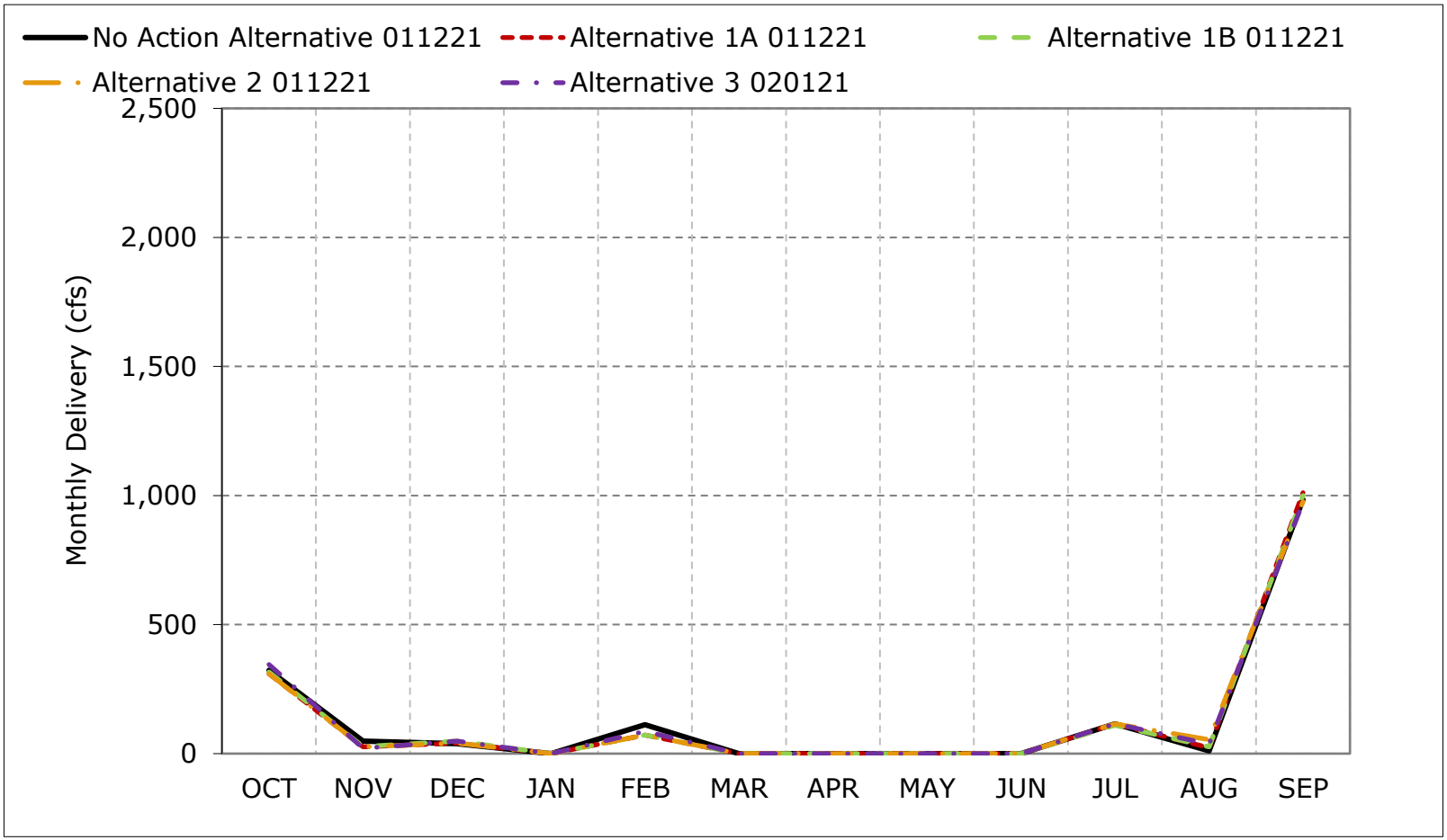
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-4-3. CVP Banks PP Exports, Above Normal Year Average Delivery



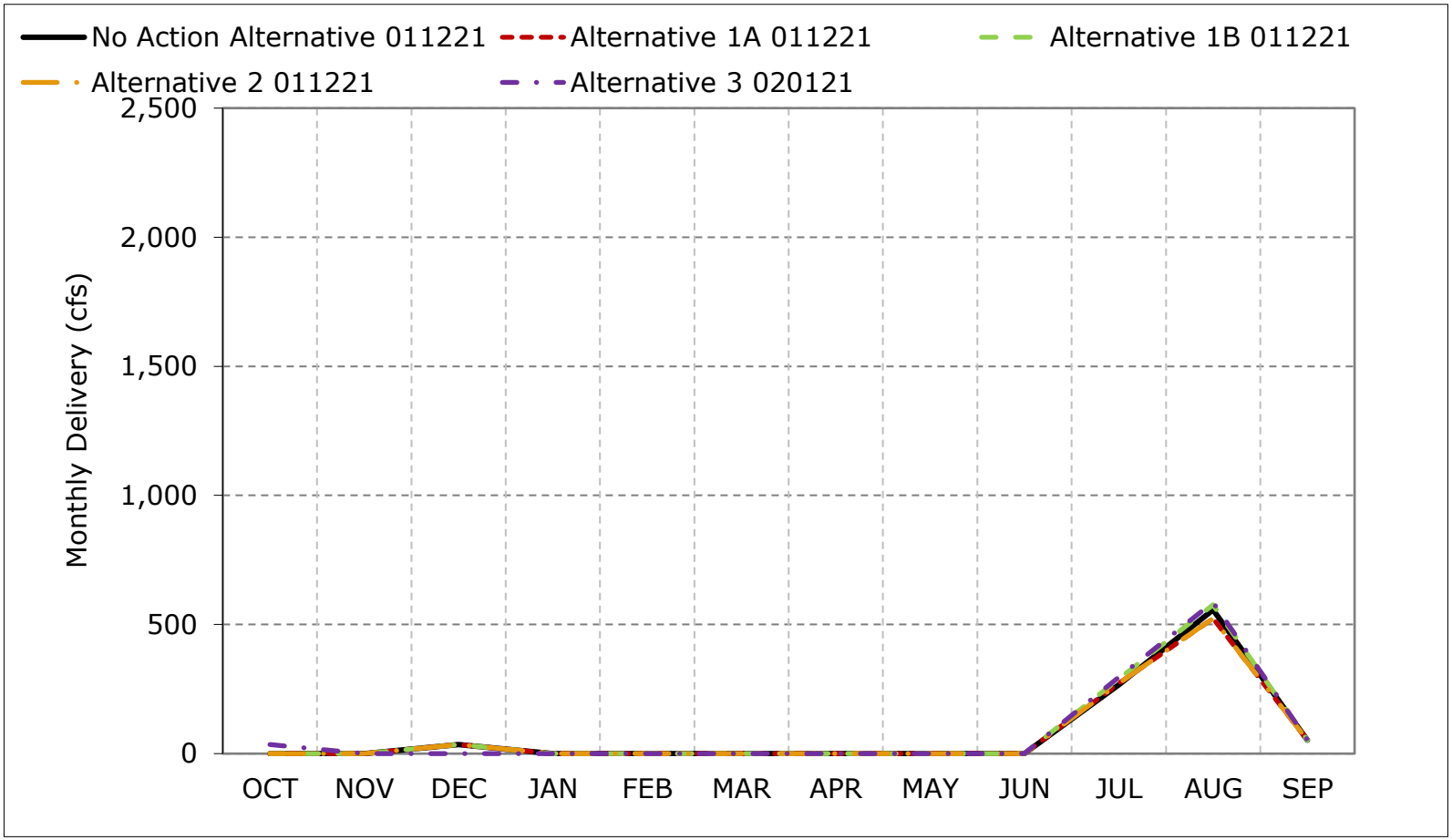
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-4-4. CVP Banks PP Exports, Below Normal Year Average Delivery



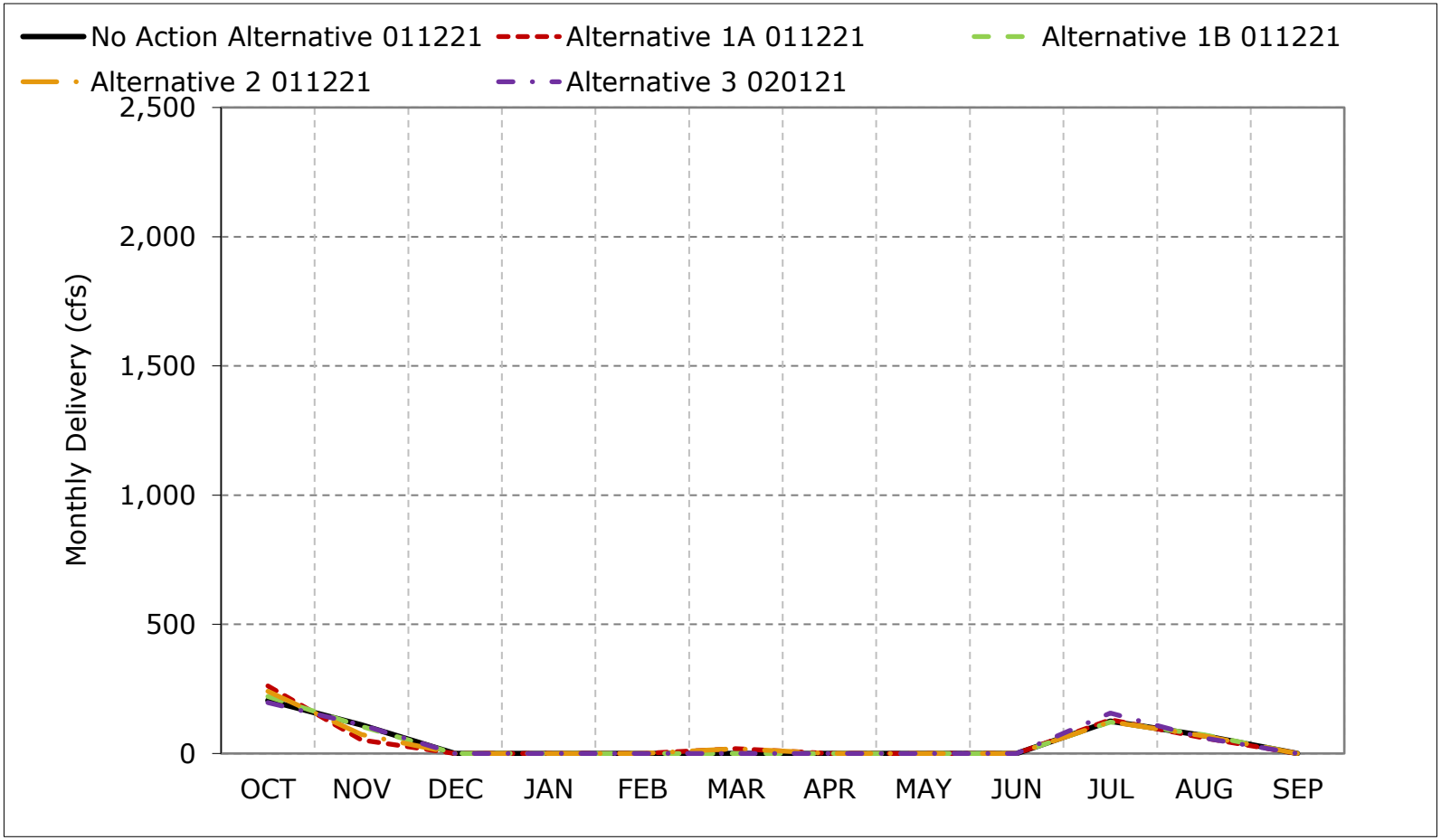
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-4-5. CVP Banks PP Exports, Dry Year Average Delivery



*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-4-6. CVP Banks PP Exports, Critical Year Average Delivery



*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-4-7. CVP Banks PP Exports, October

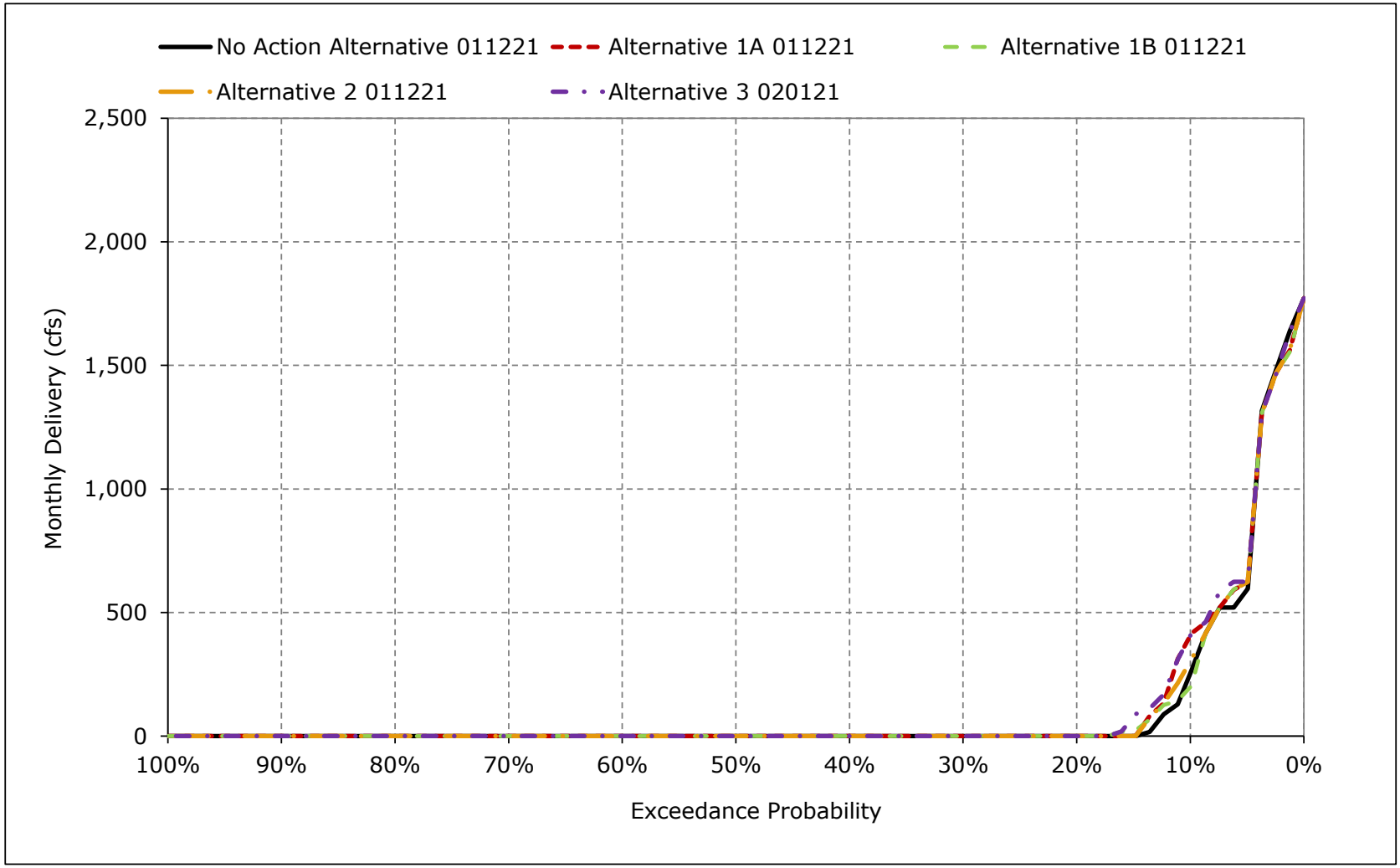


Figure 5B4-4-8. CVP Banks PP Exports, November

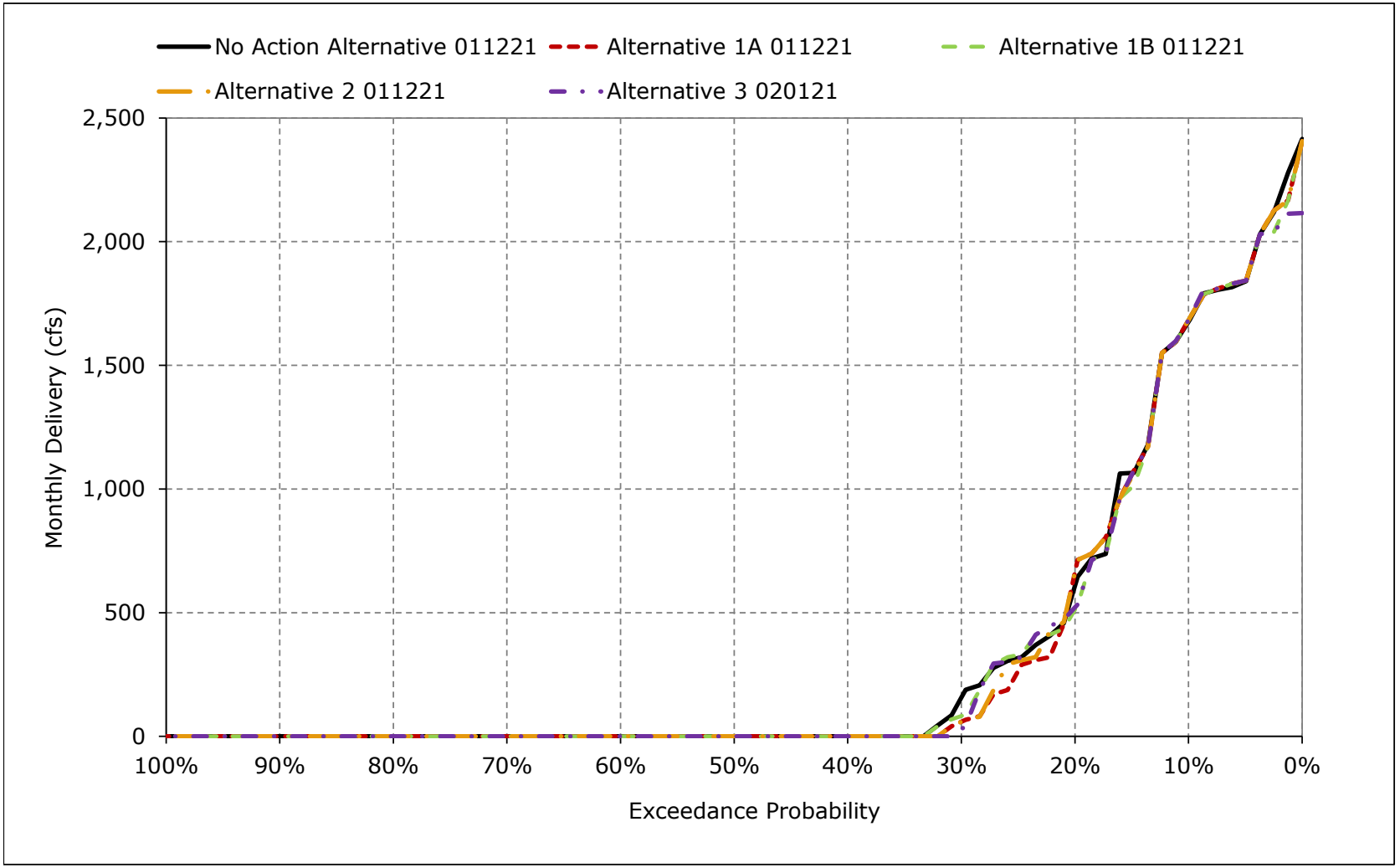


Figure 5B4-4-9. CVP Banks PP Exports, December

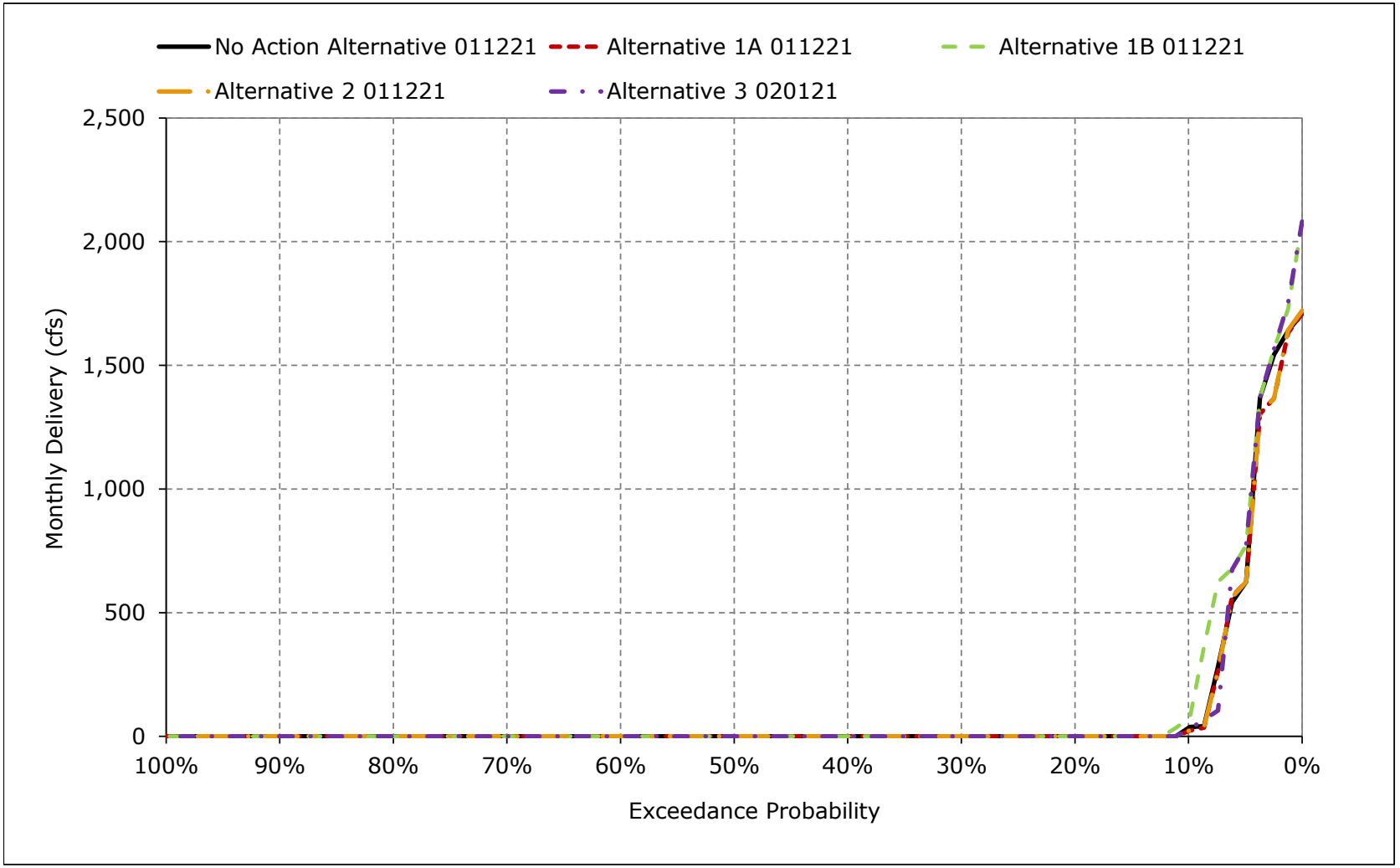


Figure 5B4-4-10. CVP Banks PP Exports, January

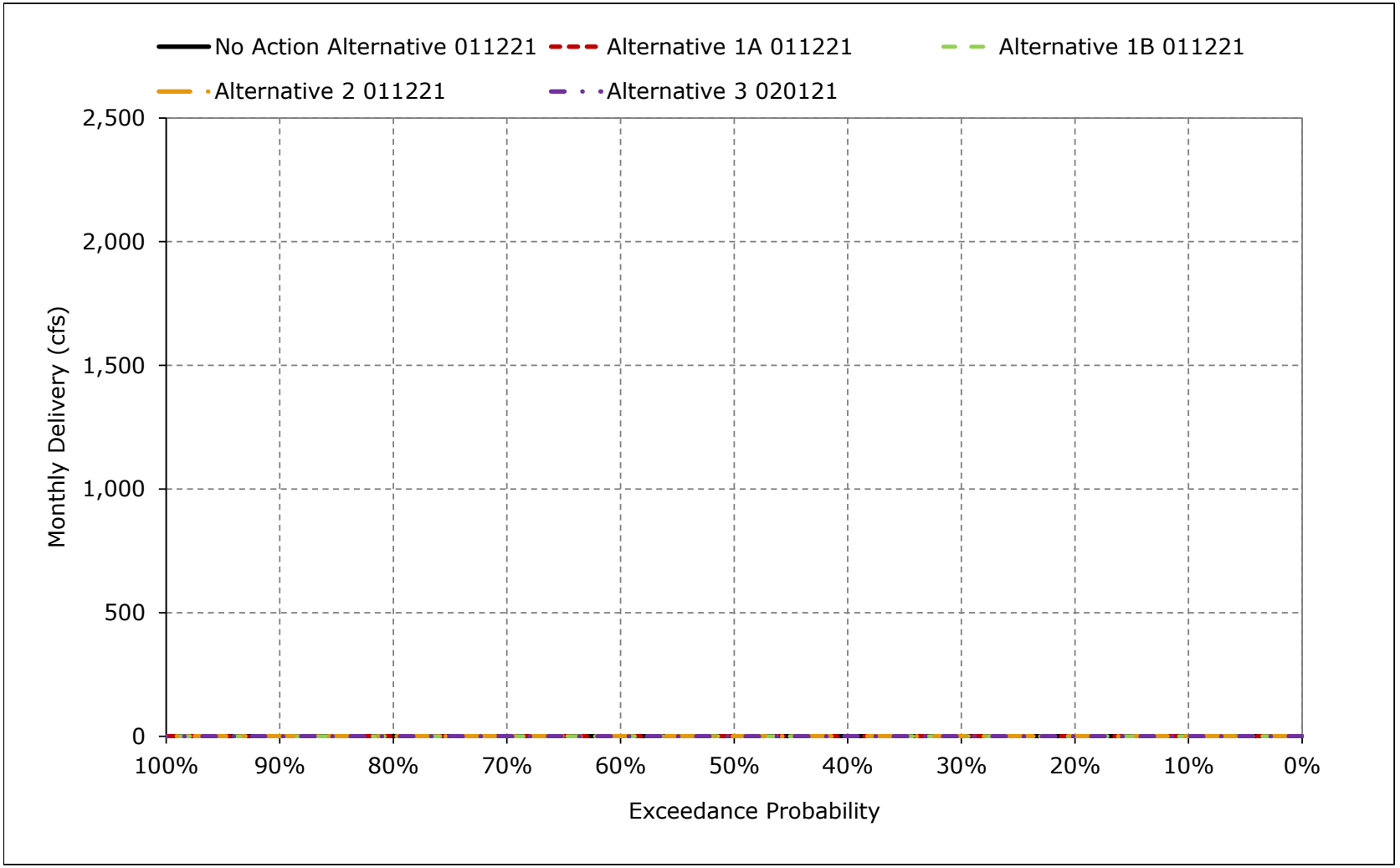


Figure 5B4-4-11. CVP Banks PP Exports, February

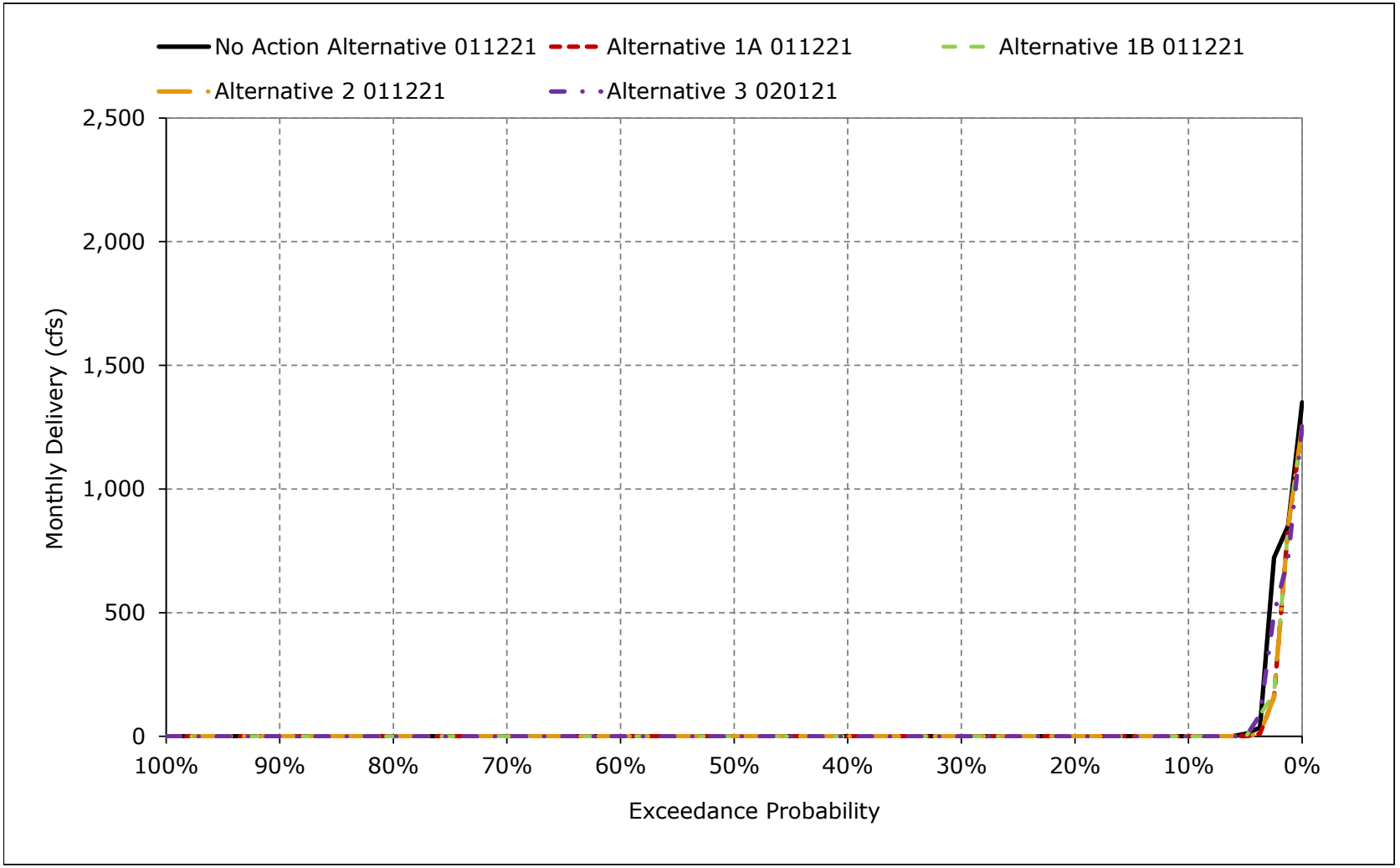


Figure 5B4-4-12. CVP Banks PP Exports, March

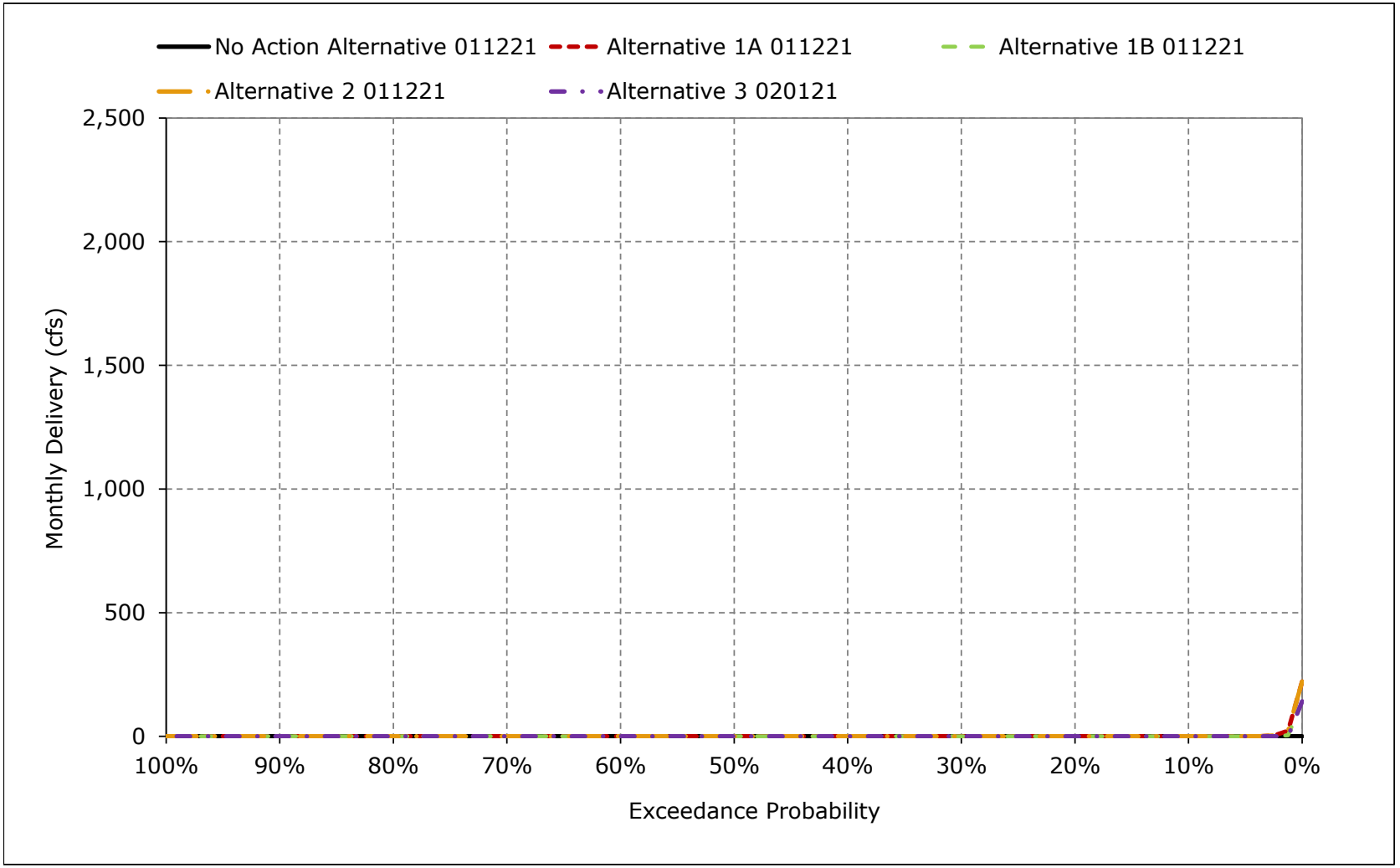


Figure 5B4-4-13. CVP Banks PP Exports, April

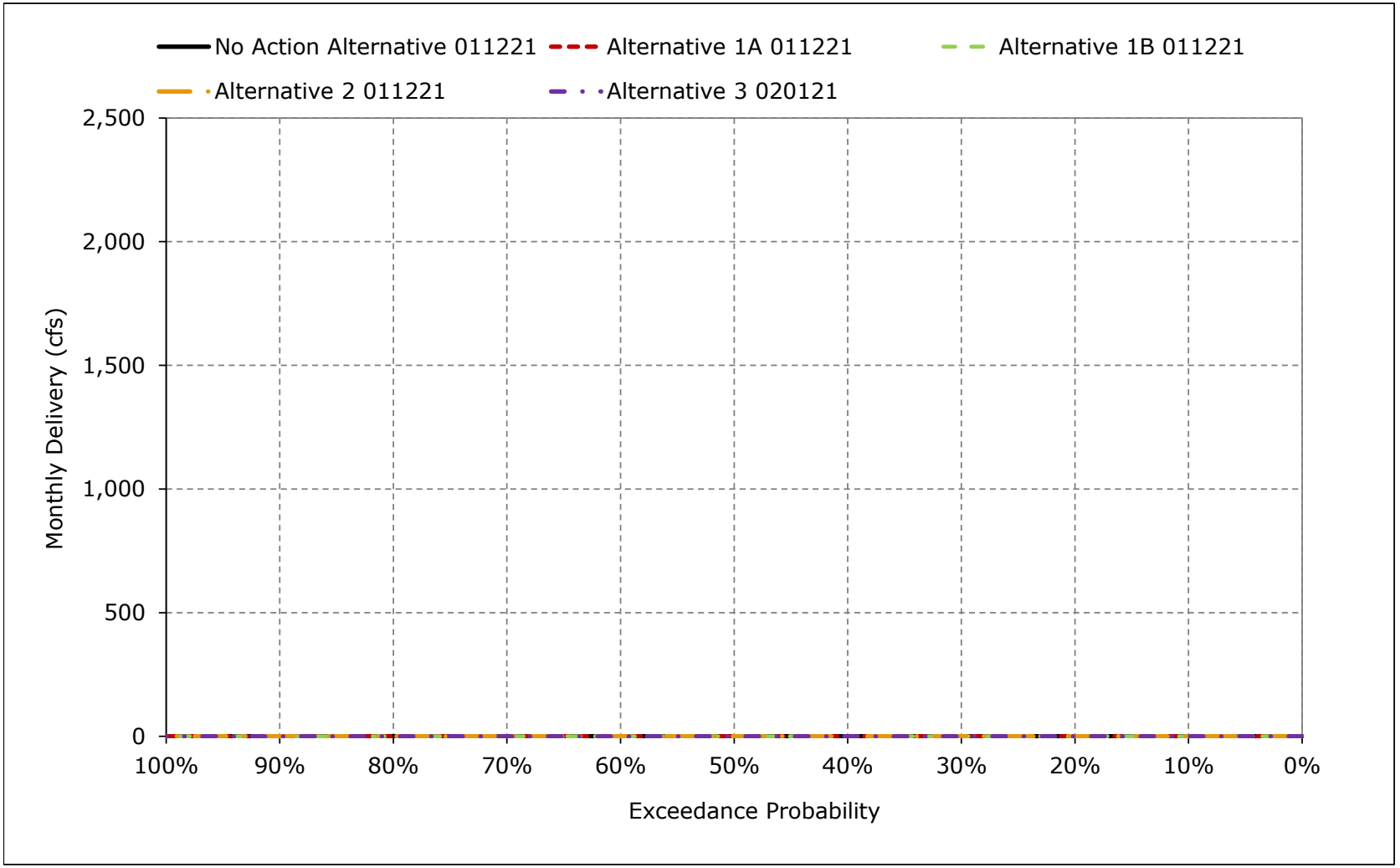


Figure 5B4-4-14. CVP Banks PP Exports, May

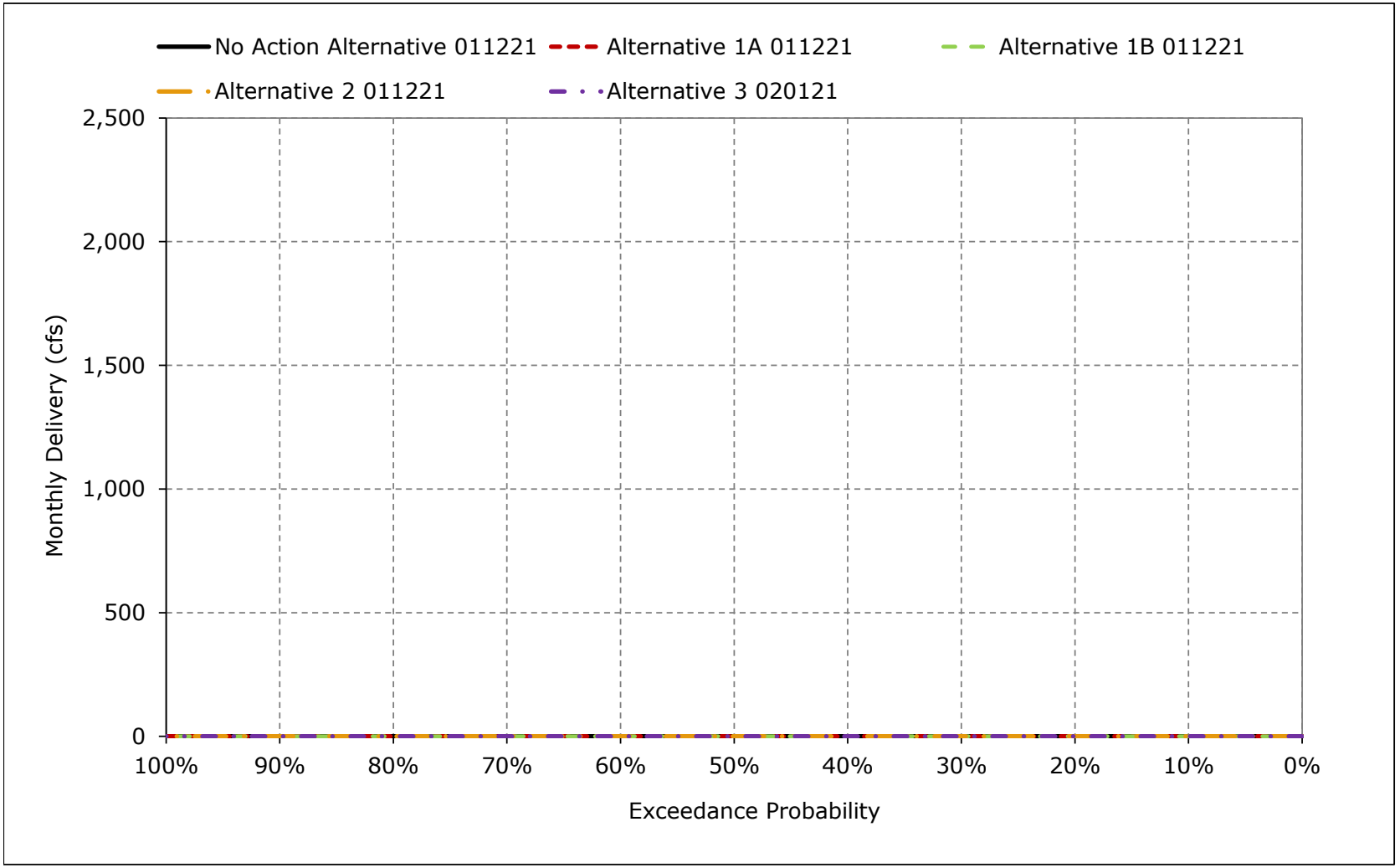


Figure 5B4-4-15. CVP Banks PP Exports, June

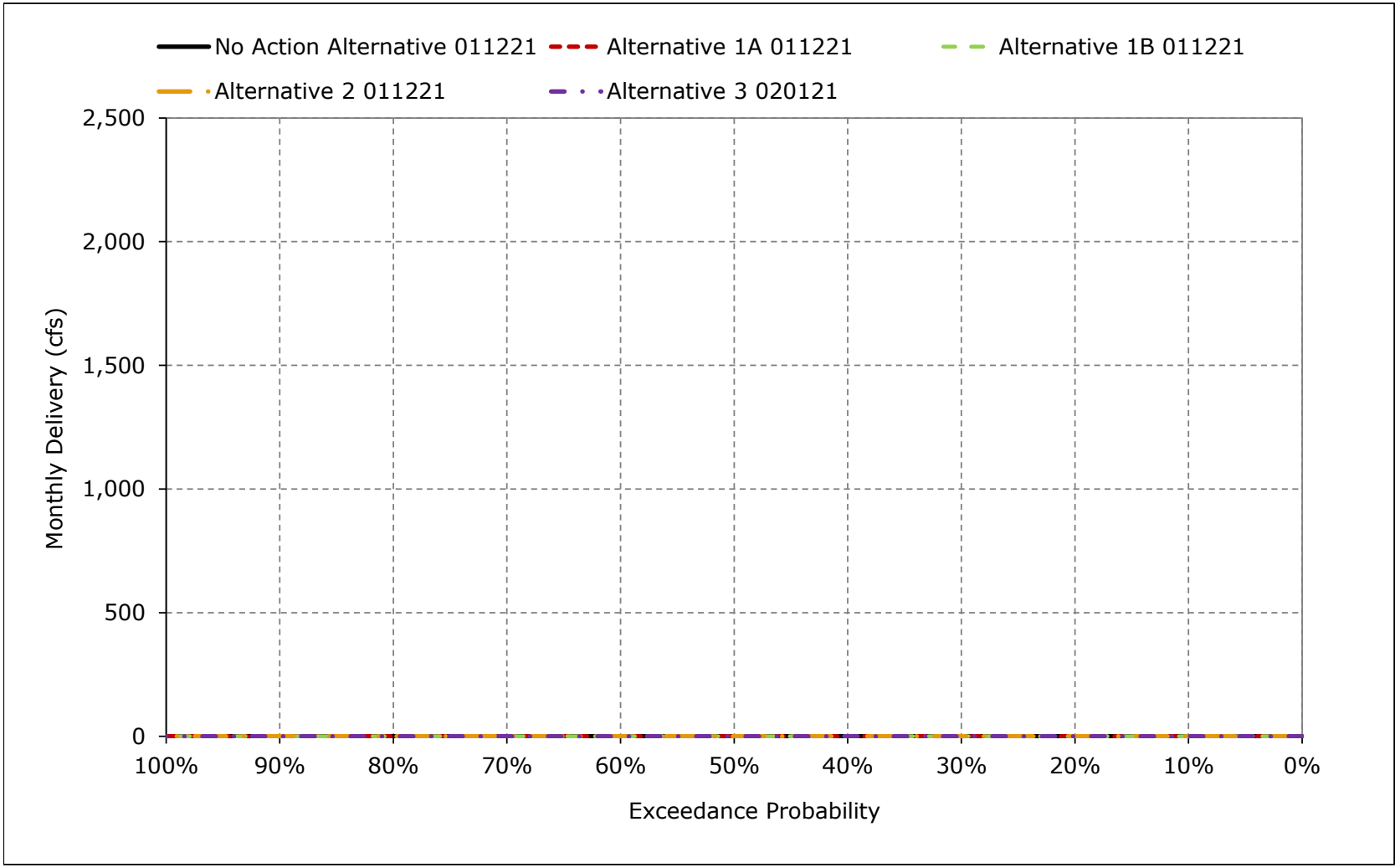


Figure 5B4-4-16. CVP Banks PP Exports, July

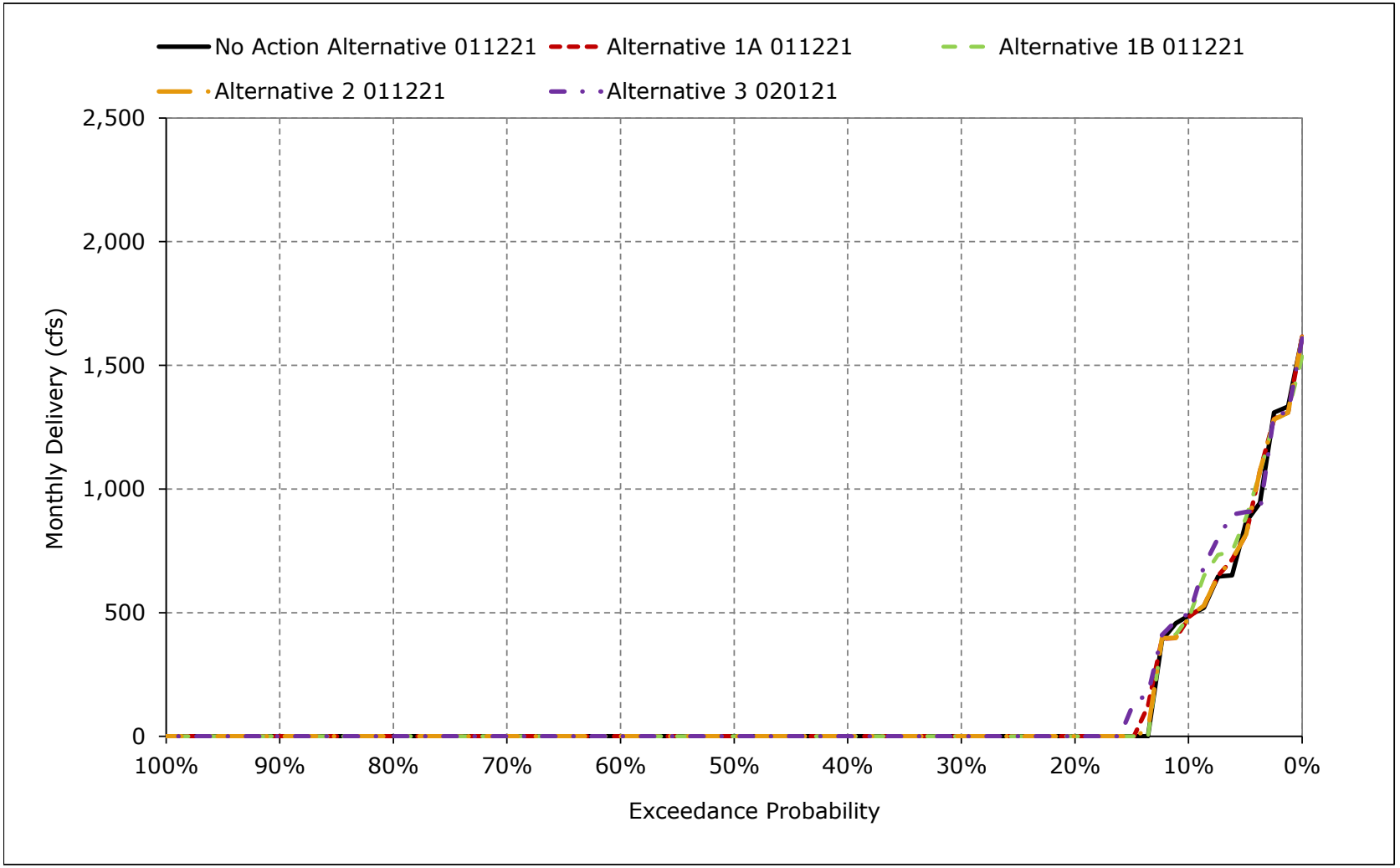


Figure 5B4-4-17. CVP Banks PP Exports, August

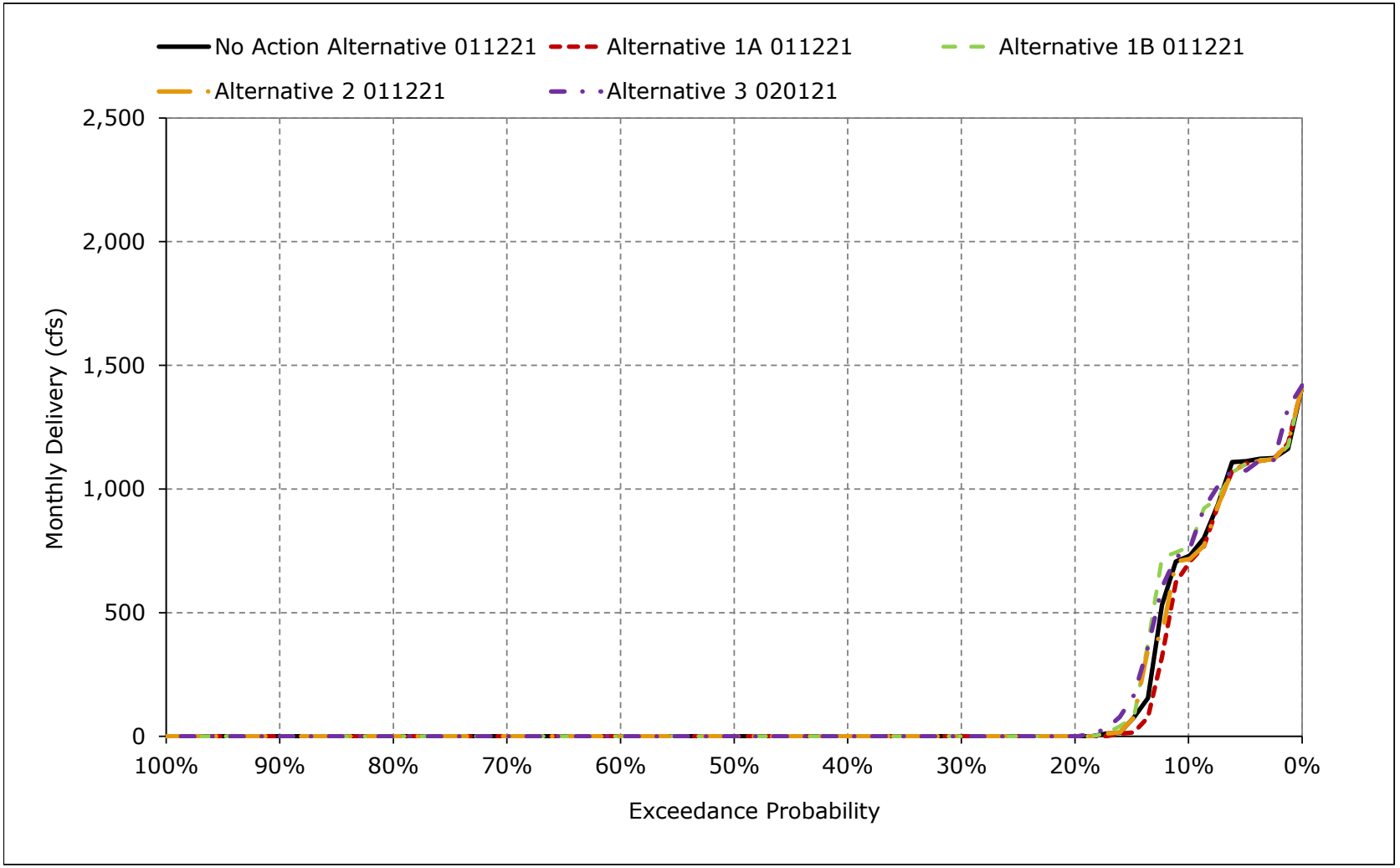


Figure 5B4-4-18. CVP Banks PP Exports, September

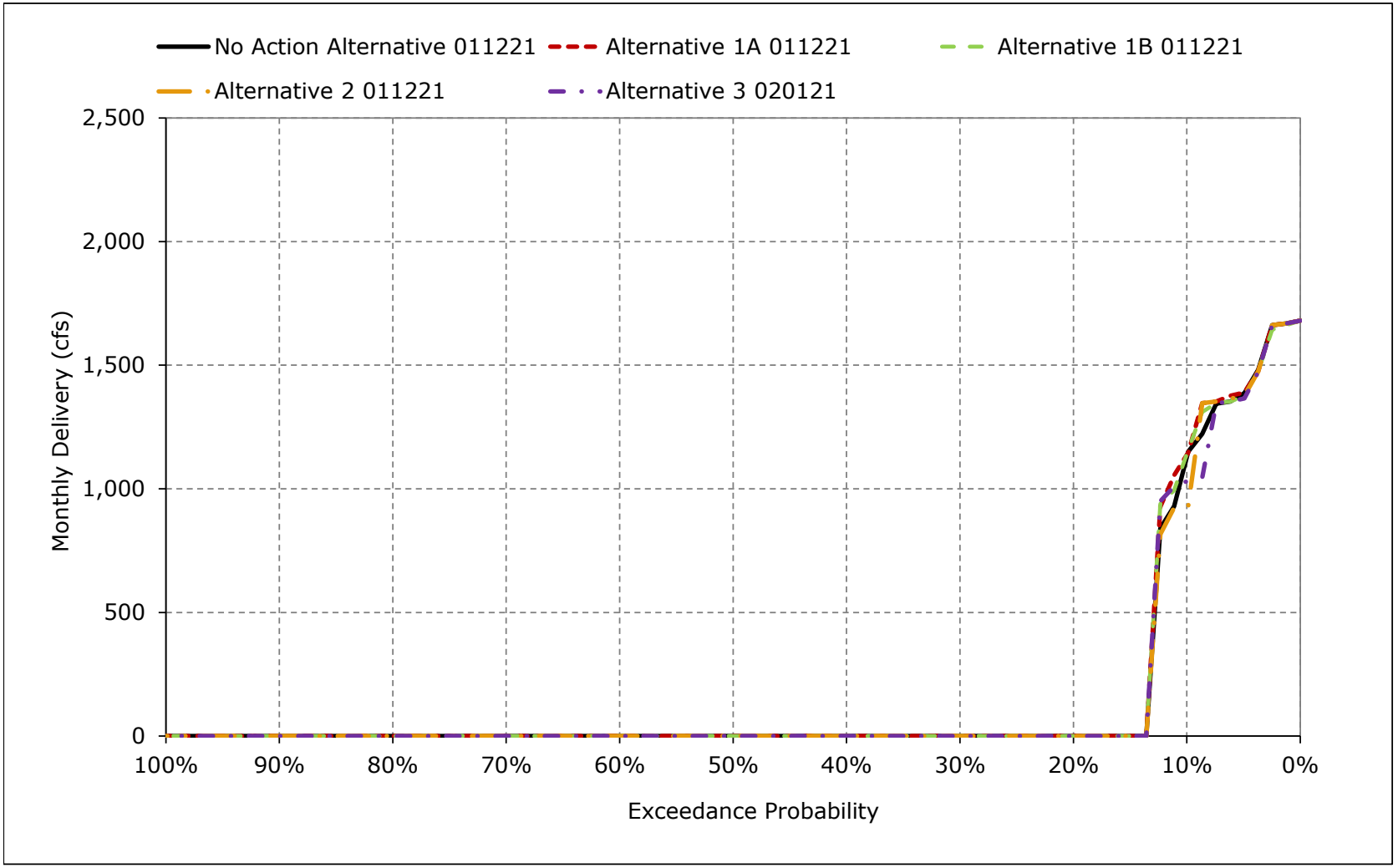


Table 5B4-5-1a. SWP and CVP Banks PP Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	5,920	6,680	7,114	6,083	7,949	6,779	4,654	4,724	5,043	6,680	6,680	6,680
20%	5,256	6,680	7,032	4,188	5,479	4,774	2,507	2,360	3,281	6,680	6,192	6,680
30%	4,163	6,680	6,963	3,395	4,310	3,887	1,106	690	2,579	6,192	5,542	6,680
40%	3,814	6,667	5,012	2,881	4,027	3,304	691	600	2,124	6,192	5,542	6,589
50%	3,405	5,868	3,948	2,792	3,072	2,407	639	600	1,895	6,192	5,542	5,569
60%	2,993	4,493	3,279	2,683	2,675	2,134	600	600	1,776	5,977	3,275	4,217
70%	2,507	3,250	2,967	2,650	2,581	1,892	600	600	1,630	5,353	1,423	2,659
80%	2,096	2,373	2,746	2,499	2,455	1,768	600	600	1,058	2,861	496	2,314
90%	1,194	1,810	2,558	2,122	2,296	1,614	600	324	300	300	300	1,693
Long Term												
Full Simulation Period[a]	3,535	4,847	4,681	3,415	4,096	3,284	1,637	1,411	2,320	4,911	3,840	4,638
Water Year Types[b,c]												
Wet (32%)	4,779	6,559	6,082	4,563	5,820	5,006	3,353	2,769	3,701	6,078	5,208	6,382
Above Normal (15%)	4,022	6,158	5,405	3,212	3,891	3,437	1,120	1,306	2,457	5,853	5,222	6,638
Below Normal (17%)	4,233	4,553	4,611	2,972	4,126	2,978	1,160	935	1,769	6,414	6,390	5,231
Dry (22%)	2,367	3,509	3,295	2,794	2,723	1,937	614	543	1,624	4,093	1,201	2,584
Critical (15%)	1,290	2,172	3,082	2,578	2,587	1,777	525	433	875	914	477	1,251

Table 5B4-5-1b. SWP and CVP Banks PP Exports, Alternative 1A 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	6,374	6,680	7,131	6,063	7,952	6,599	4,655	4,789	5,043	6,680	6,680	6,680
20%	5,301	6,680	7,032	4,188	5,479	4,774	2,649	2,360	3,275	6,680	6,192	6,680
30%	4,163	6,680	6,963	3,401	4,213	3,759	1,106	700	2,511	6,192	5,542	6,680
40%	3,747	6,667	5,004	2,881	3,988	3,304	691	600	2,131	6,192	5,542	6,663
50%	3,408	5,968	3,880	2,792	3,072	2,363	639	600	1,895	6,192	5,542	5,453
60%	2,995	4,641	3,326	2,678	2,675	2,134	600	600	1,790	5,920	3,634	4,237
70%	2,424	3,467	3,003	2,627	2,566	1,892	600	600	1,564	5,220	1,406	2,666
80%	2,014	2,385	2,754	2,499	2,455	1,762	600	600	1,078	2,999	371	2,329
90%	1,082	1,968	2,543	2,122	2,294	1,592	600	356	300	300	300	1,714
Long Term												
Full Simulation Period[a]	3,517	4,910	4,683	3,412	4,055	3,283	1,639	1,412	2,302	4,892	3,847	4,654
Water Year Types[b,c]												
Wet (32%)	4,736	6,559	6,074	4,566	5,810	4,976	3,360	2,760	3,696	6,075	5,239	6,381
Above Normal (15%)	4,039	6,156	5,369	3,212	3,845	3,479	1,123	1,312	2,461	5,849	5,221	6,638
Below Normal (17%)	4,351	4,874	4,627	2,960	3,998	2,992	1,160	935	1,735	6,412	6,433	5,286
Dry (22%)	2,368	3,492	3,286	2,787	2,696	1,941	614	549	1,554	4,072	1,163	2,584
Critical (15%)	1,103	2,261	3,142	2,575	2,566	1,769	525	444	906	829	469	1,293

Table 5B4-5-1c. SWP and CVP Banks PP Exports, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	454	0	18	-20	4	-180	1	66	0	0	0	0
20%	44	0	0	0	0	0	142	0	-6	0	0	0
30%	0	0	0	6	-97	-128	0	10	-68	0	0	0
40%	-67	0	-8	0	-39	0	0	0	7	0	0	74
50%	3	100	-67	0	0	-44	1	0	0	0	0	-116
60%	2	148	47	-6	0	0	0	0	14	-57	359	19
70%	-82	217	37	-24	-15	0	0	0	-66	-133	-17	7
80%	-83	13	8	0	0	-6	0	0	20	138	-125	15
90%	-112	158	-15	0	-2	-22	0	31	0	0	0	21
Long Term												
Full Simulation Period[a]	-18	64	2	-3	-41	-1	2	1	-18	-19	7	15
Water Year Types[b,c]												
Wet (32%)	-43	0	-8	2	-10	-30	6	-9	-6	-3	30	-1
Above Normal (15%)	17	-2	-36	0	-46	41	3	6	4	-4	-1	0
Below Normal (17%)	118	321	16	-13	-128	13	0	0	-34	-2	43	55
Dry (22%)	1	-17	-9	-7	-27	4	0	7	-70	-21	-38	0
Critical (15%)	-187	89	60	-3	-21	-8	0	11	31	-85	-8	43

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-5-2a. SWP and CVP Banks PP Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	5,920	6,680	7,114	6,083	7,949	6,779	4,654	4,724	5,043	6,680	6,680	6,680
20%	5,256	6,680	7,032	4,188	5,479	4,774	2,507	2,360	3,281	6,680	6,192	6,680
30%	4,163	6,680	6,963	3,395	4,310	3,887	1,106	690	2,579	6,192	5,542	6,680
40%	3,814	6,667	5,012	2,881	4,027	3,304	691	600	2,124	6,192	5,542	6,589
50%	3,405	5,868	3,948	2,792	3,072	2,407	639	600	1,895	6,192	5,542	5,569
60%	2,993	4,493	3,279	2,683	2,675	2,134	600	600	1,776	5,977	3,275	4,217
70%	2,507	3,250	2,967	2,650	2,581	1,892	600	600	1,630	5,353	1,423	2,659
80%	2,096	2,373	2,746	2,499	2,455	1,768	600	600	1,058	2,861	496	2,314
90%	1,194	1,810	2,558	2,122	2,296	1,614	600	324	300	300	300	1,693
Long Term												
Full Simulation Period[a]	3,535	4,847	4,681	3,415	4,096	3,284	1,637	1,411	2,320	4,911	3,840	4,638
Water Year Types[b,c]												
Wet (32%)	4,779	6,559	6,082	4,563	5,820	5,006	3,353	2,769	3,701	6,078	5,208	6,382
Above Normal (15%)	4,022	6,158	5,405	3,212	3,891	3,437	1,120	1,306	2,457	5,853	5,222	6,638
Below Normal (17%)	4,233	4,553	4,611	2,972	4,126	2,978	1,160	935	1,769	6,414	6,390	5,231
Dry (22%)	2,367	3,509	3,295	2,794	2,723	1,937	614	543	1,624	4,093	1,201	2,584
Critical (15%)	1,290	2,172	3,082	2,578	2,587	1,777	525	433	875	914	477	1,251

Table 5B4-5-2b. SWP and CVP Banks PP Exports, Alternative 1B 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	6,462	6,680	7,113	6,078	7,960	6,180	4,668	4,926	5,043	6,680	6,680	6,680
20%	5,311	6,680	7,027	4,188	5,479	4,774	2,700	2,360	3,275	6,680	6,192	6,680
30%	4,267	6,680	6,940	3,412	4,213	3,763	1,107	700	2,508	6,192	5,542	6,680
40%	3,775	6,669	4,902	2,881	3,988	3,300	691	600	2,131	6,192	5,542	6,680
50%	3,405	5,981	3,723	2,792	3,072	2,363	639	600	1,895	6,192	5,542	5,452
60%	2,983	4,715	3,278	2,678	2,675	2,134	600	600	1,790	5,980	3,635	4,238
70%	2,440	3,500	2,937	2,635	2,581	1,892	600	600	1,565	5,312	1,419	2,655
80%	2,013	2,373	2,687	2,499	2,472	1,766	600	600	1,067	2,986	506	2,329
90%	1,103	1,987	2,526	2,122	2,294	1,614	600	356	300	300	300	1,689
Long Term												
Full Simulation Period[a]	3,525	4,930	4,614	3,411	4,066	3,281	1,647	1,414	2,300	4,904	3,865	4,659
Water Year Types[b,c]												
Wet (32%)	4,750	6,559	6,132	4,566	5,816	4,972	3,361	2,759	3,696	6,074	5,239	6,381
Above Normal (15%)	4,093	6,174	5,377	3,212	3,867	3,398	1,172	1,325	2,466	5,839	5,221	6,638
Below Normal (17%)	4,340	4,859	4,636	2,960	4,018	3,041	1,161	932	1,733	6,406	6,433	5,326
Dry (22%)	2,375	3,558	2,868	2,785	2,696	1,941	614	552	1,542	4,133	1,233	2,585
Critical (15%)	1,075	2,300	3,153	2,572	2,586	1,790	525	444	906	835	482	1,279

Table 5B4-5-2c. SWP and CVP Banks PP Exports, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	542	0	-1	-5	11	-599	14	203	0	0	0	0
20%	54	0	-5	0	0	0	193	0	-6	0	0	0
30%	104	0	-23	17	-97	-124	0	10	-71	0	0	0
40%	-40	2	-110	0	-39	-5	0	0	7	0	0	91
50%	-1	113	-225	0	0	-44	1	0	0	0	0	-116
60%	-11	222	-1	-6	0	0	0	0	14	2	361	21
70%	-67	250	-30	-16	0	0	0	0	-66	-41	-5	-4
80%	-83	0	-59	0	18	-2	0	0	9	126	10	15
90%	-91	177	-33	0	-2	0	0	32	0	0	0	-5
Long Term												
Full Simulation Period[a]	-10	84	-67	-4	-29	-3	10	3	-20	-7	25	20
Water Year Types[b,c]												
Wet (32%)	-29	0	50	3	-5	-35	8	-10	-6	-4	31	-1
Above Normal (15%)	72	16	-28	0	-23	-39	52	19	9	-14	-1	0
Below Normal (17%)	107	305	25	-13	-108	62	1	-3	-36	-8	43	94
Dry (22%)	7	49	-427	-9	-27	3	0	9	-82	40	32	1
Critical (15%)	-215	128	71	-6	0	13	0	11	31	-78	5	29

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-5-3a. SWP and CVP Banks PP Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	5,920	6,680	7,114	6,083	7,949	6,779	4,654	4,724	5,043	6,680	6,680	6,680
20%	5,256	6,680	7,032	4,188	5,479	4,774	2,507	2,360	3,281	6,680	6,192	6,680
30%	4,163	6,680	6,963	3,395	4,310	3,887	1,106	690	2,579	6,192	5,542	6,680
40%	3,814	6,667	5,012	2,881	4,027	3,304	691	600	2,124	6,192	5,542	6,589
50%	3,405	5,868	3,948	2,792	3,072	2,407	639	600	1,895	6,192	5,542	5,569
60%	2,993	4,493	3,279	2,683	2,675	2,134	600	600	1,776	5,977	3,275	4,217
70%	2,507	3,250	2,967	2,650	2,581	1,892	600	600	1,630	5,353	1,423	2,659
80%	2,096	2,373	2,746	2,499	2,455	1,768	600	600	1,058	2,861	496	2,314
90%	1,194	1,810	2,558	2,122	2,296	1,614	600	324	300	300	300	1,693
Long Term												
Full Simulation Period[a]	3,535	4,847	4,681	3,415	4,096	3,284	1,637	1,411	2,320	4,911	3,840	4,638
Water Year Types[b,c]												
Wet (32%)	4,779	6,559	6,082	4,563	5,820	5,006	3,353	2,769	3,701	6,078	5,208	6,382
Above Normal (15%)	4,022	6,158	5,405	3,212	3,891	3,437	1,120	1,306	2,457	5,853	5,222	6,638
Below Normal (17%)	4,233	4,553	4,611	2,972	4,126	2,978	1,160	935	1,769	6,414	6,390	5,231
Dry (22%)	2,367	3,509	3,295	2,794	2,723	1,937	614	543	1,624	4,093	1,201	2,584
Critical (15%)	1,290	2,172	3,082	2,578	2,587	1,777	525	433	875	914	477	1,251

Table 5B4-5-3b. SWP and CVP Banks PP Exports, Alternative 2 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	6,374	6,680	7,131	6,064	7,952	6,337	4,689	4,914	5,043	6,680	6,680	6,680
20%	5,301	6,680	7,032	4,188	5,479	4,774	2,649	2,360	3,275	6,680	6,192	6,680
30%	4,244	6,680	6,963	3,401	4,213	3,759	1,106	700	2,512	6,192	5,542	6,680
40%	3,748	6,667	5,004	2,881	3,988	3,304	691	600	2,131	6,192	5,542	6,661
50%	3,408	5,968	3,877	2,792	3,072	2,363	639	600	1,895	6,192	5,542	5,449
60%	2,979	4,637	3,326	2,678	2,675	2,134	600	600	1,790	5,920	3,635	4,236
70%	2,424	3,535	2,967	2,636	2,581	1,892	600	600	1,564	5,220	1,416	2,667
80%	2,013	2,571	2,754	2,499	2,472	1,766	600	600	1,078	3,002	371	2,346
90%	1,060	1,969	2,558	2,122	2,294	1,614	600	356	300	300	300	1,693
Long Term												
Full Simulation Period[a]	3,520	4,930	4,679	3,409	4,061	3,283	1,640	1,414	2,301	4,891	3,850	4,647
Water Year Types[b,c]												
Wet (32%)	4,760	6,559	6,075	4,566	5,810	4,976	3,360	2,760	3,696	6,075	5,238	6,381
Above Normal (15%)	4,039	6,156	5,368	3,212	3,852	3,440	1,123	1,324	2,461	5,845	5,221	6,638
Below Normal (17%)	4,324	4,873	4,627	2,960	4,010	2,994	1,163	935	1,727	6,412	6,433	5,253
Dry (22%)	2,368	3,576	3,287	2,787	2,696	1,941	614	549	1,554	4,071	1,169	2,585
Critical (15%)	1,102	2,271	3,117	2,559	2,586	1,810	525	444	907	829	478	1,283

Table 5B4-5-3c. SWP and CVP Banks PP Exports, Alternative 2 011221 minus No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	454	0	18	-19	4	-442	35	190	0	0	0	0
20%	45	0	0	0	0	0	142	0	-6	0	0	0
30%	81	0	0	6	-97	-128	0	10	-67	0	0	0
40%	-67	0	-8	0	-39	0	0	0	7	0	0	72
50%	3	100	-71	0	0	-44	1	0	0	0	0	-120
60%	-14	144	47	-6	0	0	0	0	14	-57	360	19
70%	-83	285	0	-15	0	0	0	0	-66	-133	-8	7
80%	-83	198	8	0	18	-2	0	0	20	141	-125	32
90%	-134	159	0	0	-2	0	0	31	0	0	0	-1
Long Term												
Full Simulation Period[a]	-16	84	-2	-6	-35	-1	3	3	-19	-20	10	8
Water Year Types[b,c]												
Wet (32%)	-20	0	-7	2	-10	-30	7	-9	-6	-3	30	-1
Above Normal (15%)	17	-2	-37	0	-39	3	2	18	4	-8	-1	0
Below Normal (17%)	91	320	16	-13	-115	15	3	0	-42	-2	43	21
Dry (22%)	1	67	-8	-7	-27	4	0	6	-70	-22	-32	1
Critical (15%)	-188	99	35	-19	-1	32	0	11	31	-85	1	33

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-5-4a. SWP and CVP Banks PP Exports, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	5,920	6,680	7,114	6,083	7,949	6,779	4,654	4,724	5,043	6,680	6,680	6,680
20%	5,256	6,680	7,032	4,188	5,479	4,774	2,507	2,360	3,281	6,680	6,192	6,680
30%	4,163	6,680	6,963	3,395	4,310	3,887	1,106	690	2,579	6,192	5,542	6,680
40%	3,814	6,667	5,012	2,881	4,027	3,304	691	600	2,124	6,192	5,542	6,589
50%	3,405	5,868	3,948	2,792	3,072	2,407	639	600	1,895	6,192	5,542	5,569
60%	2,993	4,493	3,279	2,683	2,675	2,134	600	600	1,776	5,977	3,275	4,217
70%	2,507	3,250	2,967	2,650	2,581	1,892	600	600	1,630	5,353	1,423	2,659
80%	2,096	2,373	2,746	2,499	2,455	1,768	600	600	1,058	2,861	496	2,314
90%	1,194	1,810	2,558	2,122	2,296	1,614	600	324	300	300	300	1,693
Long Term												
Full Simulation Period[a]	3,535	4,847	4,681	3,415	4,096	3,284	1,637	1,411	2,320	4,911	3,840	4,638
Water Year Types[b,c]												
Wet (32%)	4,779	6,559	6,082	4,563	5,820	5,006	3,353	2,769	3,701	6,078	5,208	6,382
Above Normal (15%)	4,022	6,158	5,405	3,212	3,891	3,437	1,120	1,306	2,457	5,853	5,222	6,638
Below Normal (17%)	4,233	4,553	4,611	2,972	4,126	2,978	1,160	935	1,769	6,414	6,390	5,231
Dry (22%)	2,367	3,509	3,295	2,794	2,723	1,937	614	543	1,624	4,093	1,201	2,584
Critical (15%)	1,290	2,172	3,082	2,578	2,587	1,777	525	433	875	914	477	1,251

Table 5B4-5-4b. SWP and CVP Banks PP Exports, Alternative 3 020121, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	6,524	6,680	7,131	6,083	7,960	6,210	4,691	4,523	5,043	6,680	6,680	6,680
20%	5,464	6,680	7,037	4,188	5,534	4,951	2,632	2,145	3,433	6,680	6,192	6,680
30%	4,244	6,680	6,976	3,430	4,293	4,235	1,107	700	2,482	6,192	5,542	6,680
40%	3,758	6,670	5,888	2,881	3,908	3,371	691	600	2,098	6,192	5,542	6,660
50%	3,448	6,028	4,483	2,792	3,072	2,574	639	600	1,882	6,192	5,542	5,440
60%	2,997	4,551	3,376	2,678	2,706	2,145	600	600	1,790	5,920	3,571	4,309
70%	2,500	3,461	2,967	2,598	2,586	1,892	600	600	1,565	5,098	1,417	2,642
80%	2,016	2,624	2,746	2,399	2,516	1,763	600	600	996	2,893	508	2,344
90%	1,052	1,979	2,558	2,116	2,305	1,595	600	366	300	317	300	1,688
Long Term												
Full Simulation Period[a]	3,537	4,915	4,811	3,407	4,094	3,349	1,648	1,379	2,284	4,900	3,865	4,652
Water Year Types[b,c]												
Wet (32%)	4,751	6,559	6,133	4,566	5,813	5,061	3,361	2,666	3,696	6,080	5,220	6,358
Above Normal (15%)	4,168	6,156	5,443	3,212	3,973	3,504	1,172	1,326	2,461	5,620	5,222	6,638
Below Normal (17%)	4,350	4,847	4,640	2,960	4,042	3,239	1,163	896	1,721	6,420	6,428	5,333
Dry (22%)	2,398	3,523	3,730	2,773	2,723	1,937	614	553	1,520	4,236	1,272	2,591
Critical (15%)	1,039	2,275	3,134	2,565	2,610	1,733	525	445	854	851	469	1,264

Table 5B4-5-4c. SWP and CVP Banks PP Exports, Alternative 3 020121 minus No Action Alternative 011221, Monthly Delivery (cfs)

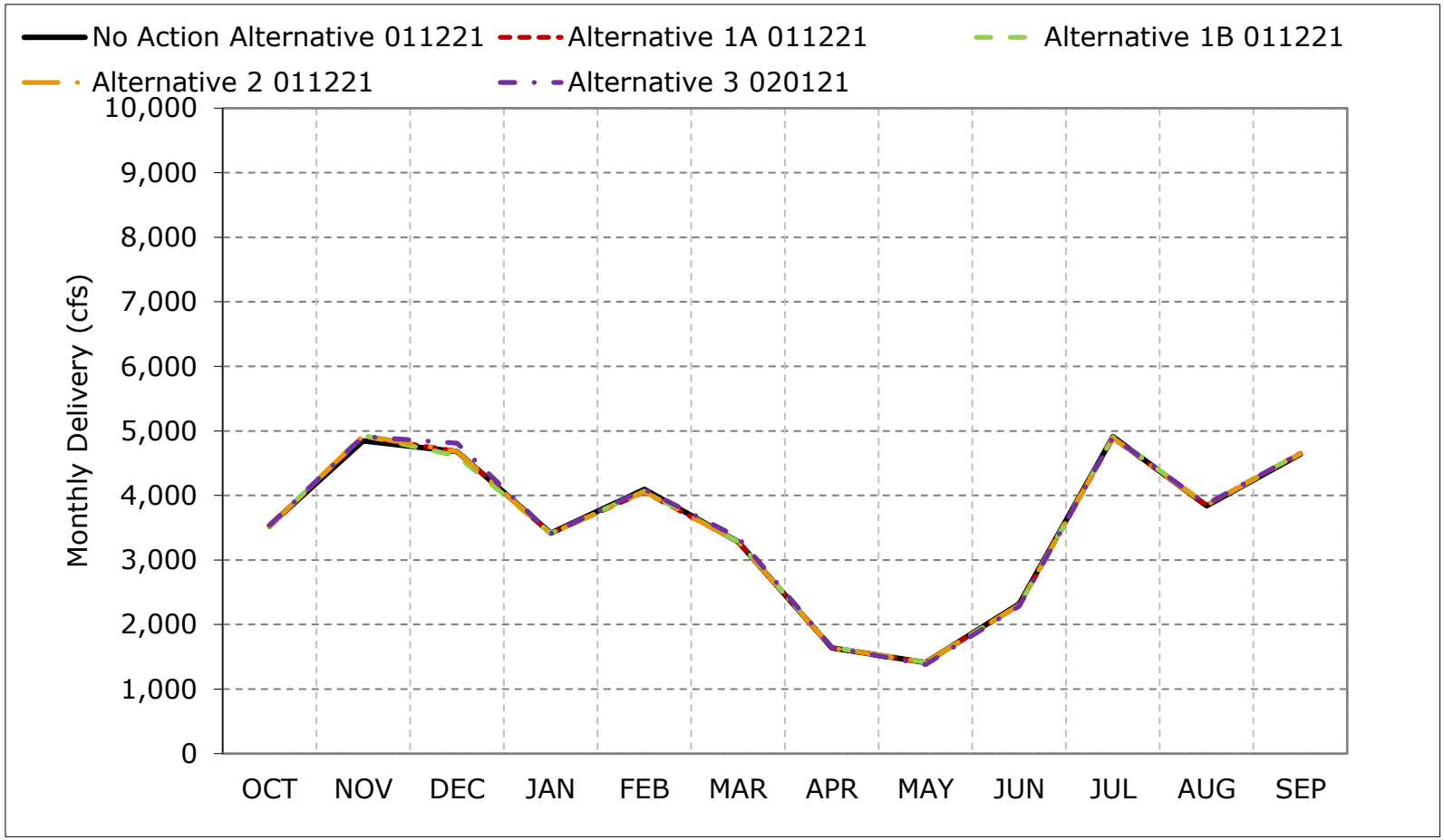
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	603	0	18	0	11	-569	37	-201	0	0	0	0
20%	207	0	5	0	55	177	125	-216	152	0	0	0
30%	81	0	13	35	-17	348	0	10	-97	0	0	0
40%	-57	3	876	0	-118	66	0	0	-26	0	0	71
50%	43	160	535	0	0	168	1	0	-13	0	0	-129
60%	4	57	97	-6	31	11	0	0	14	-57	297	91
70%	-7	211	0	-53	5	0	0	0	-66	-255	-7	-17
80%	-80	252	0	-100	62	-5	0	0	-62	32	11	30
90%	-141	169	0	-6	9	-18	0	42	0	17	0	-5
Long Term												
Full Simulation Period[a]	2	68	130	-8	-1	65	11	-32	-35	-10	25	13
Water Year Types[b,c]												
Wet (32%)	-28	0	51	3	-7	54	8	-102	-6	2	12	-24
Above Normal (15%)	146	-2	38	0	82	67	52	20	4	-233	-1	0
Below Normal (17%)	117	294	29	-13	-84	260	3	-39	-48	6	38	102
Dry (22%)	31	14	435	-21	0	-1	0	10	-104	143	71	7
Critical (15%)	-251	103	52	-12	23	-44	0	12	-21	-63	-8	13

a Based on the 82-year simulation period.

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

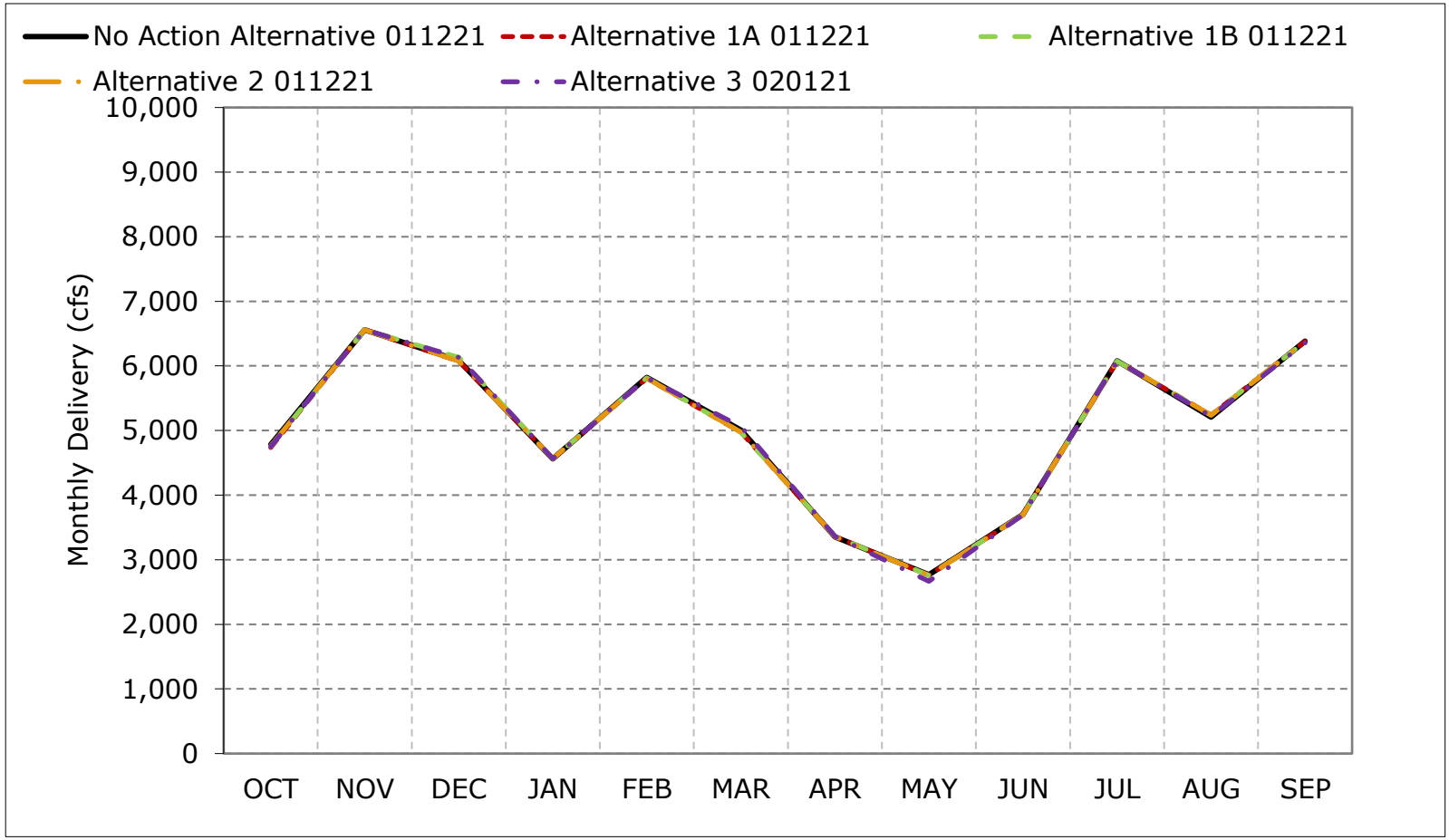
c These results are displayed with calendar year - year type sorting.

Figure 5B4-5-1. SWP and CVP Banks PP Exports, Long-Term Average Delivery



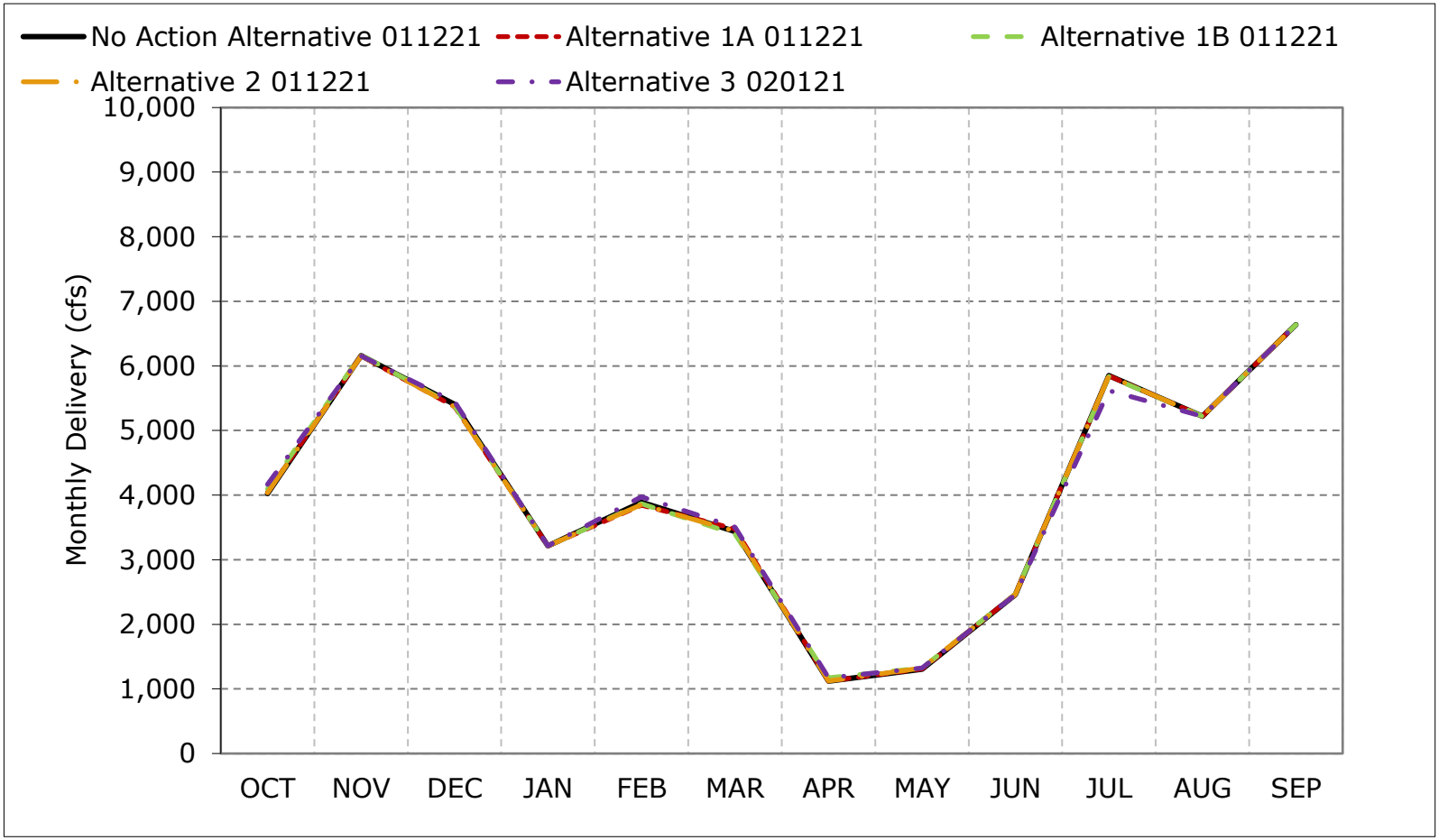
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-5-2. SWP and CVP Banks PP Exports, Wet Year Average Delivery



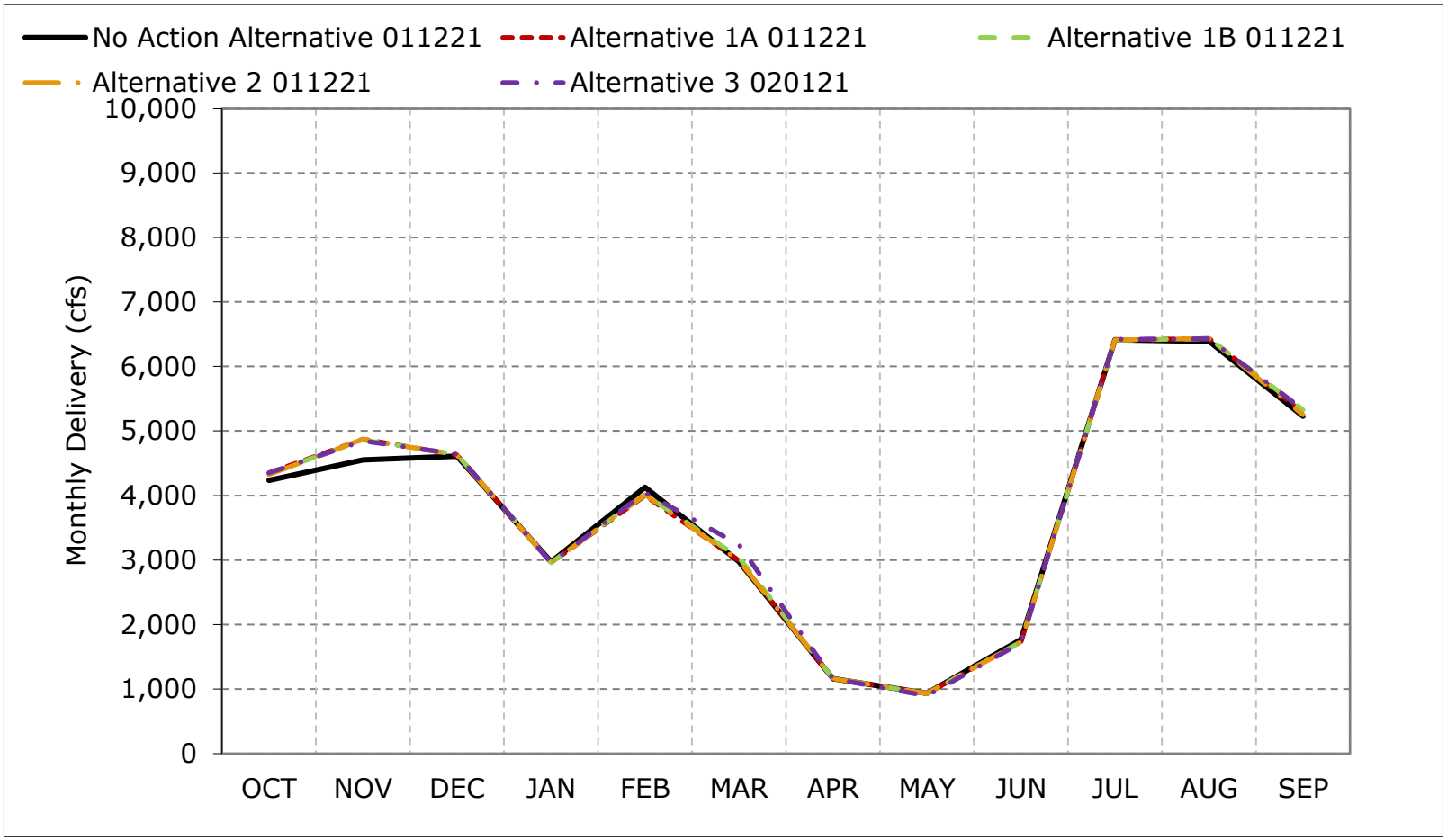
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-5-3. SWP and CVP Banks PP Exports, Above Normal Year Average Delivery



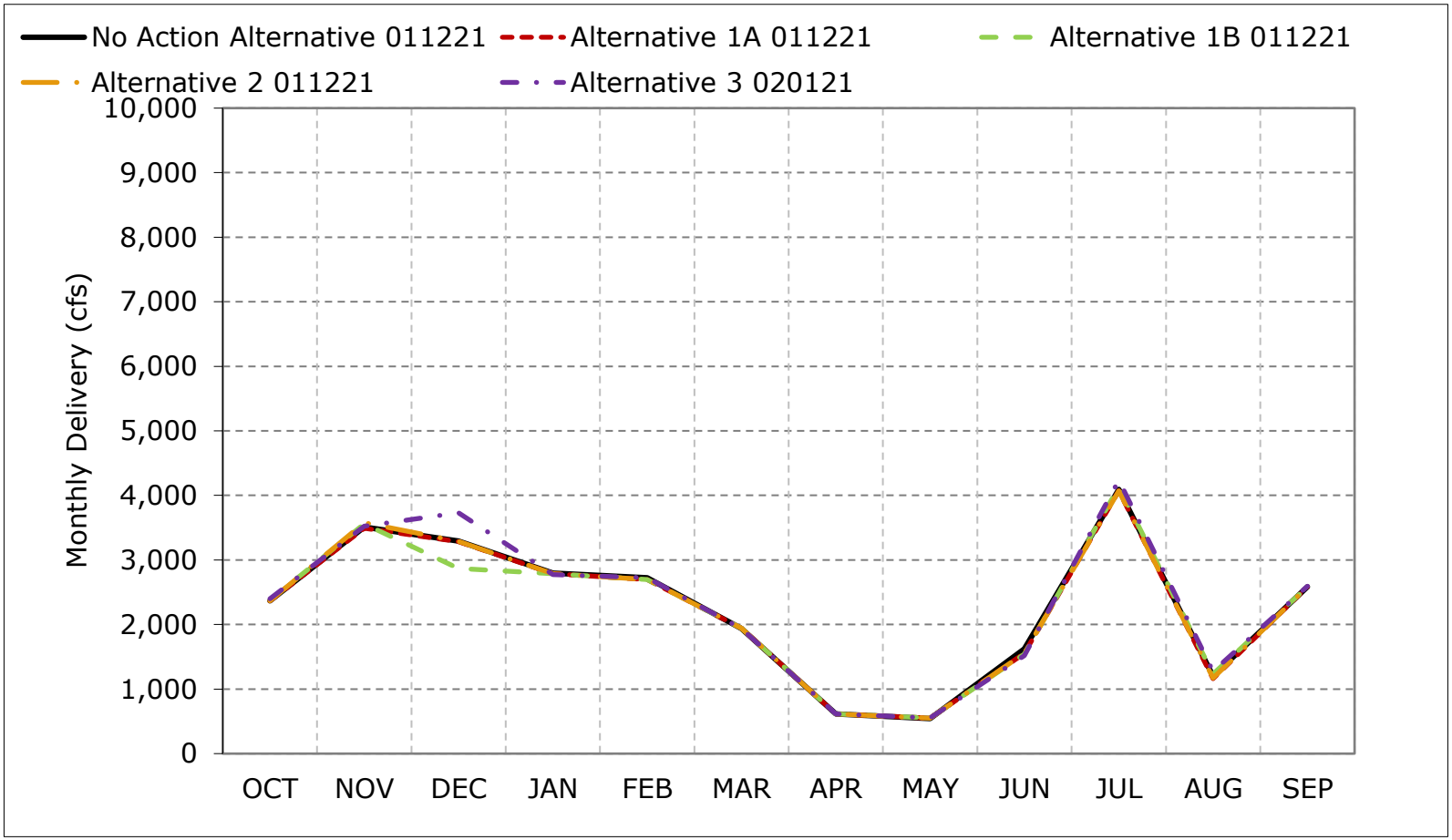
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-5-4. SWP and CVP Banks PP Exports, Below Normal Year Average Delivery



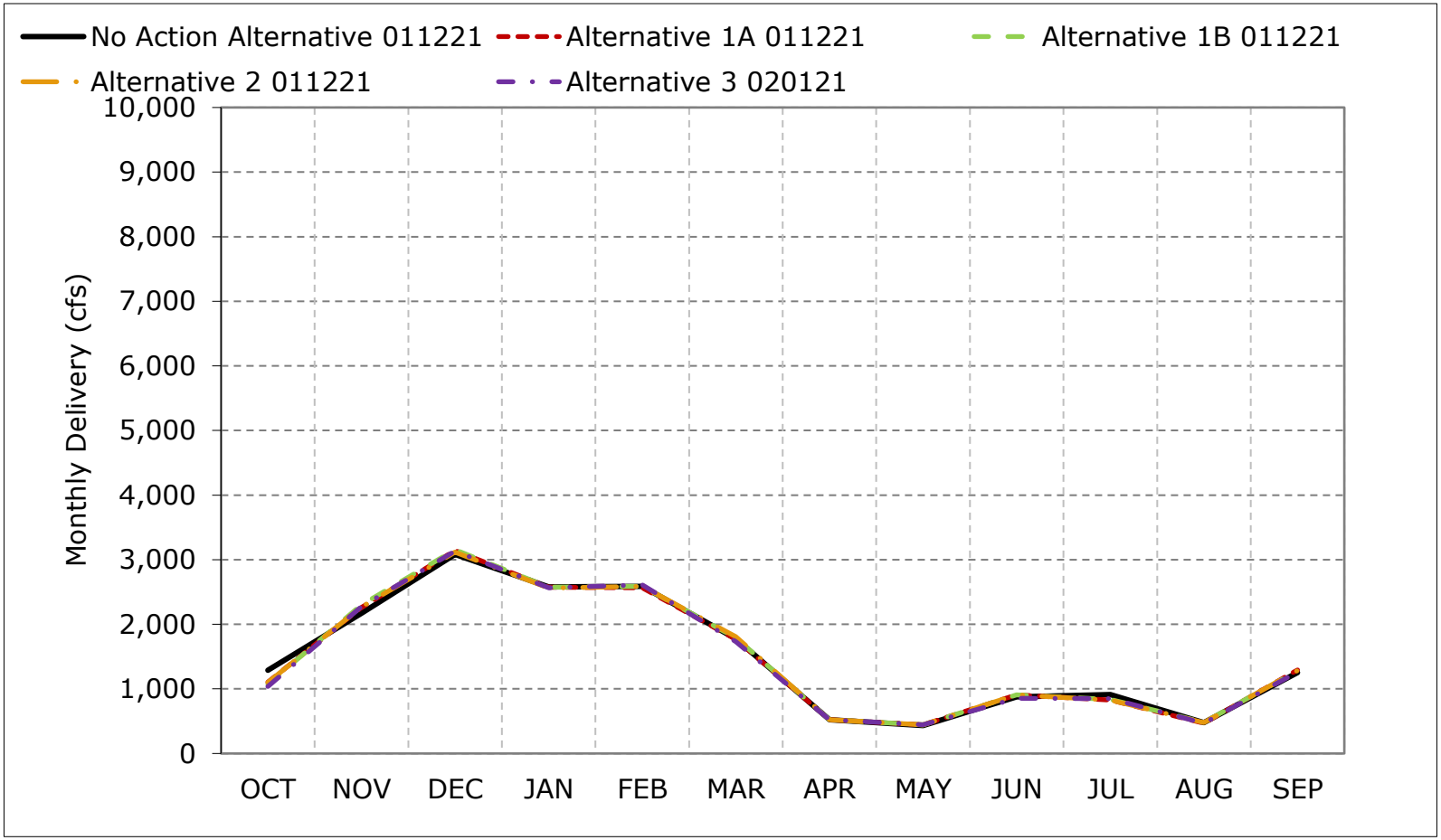
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-5-5. SWP and CVP Banks PP Exports, Dry Year Average Delivery



*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-5-6. SWP and CVP Banks PP Exports, Critical Year Average Delivery



*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-5-7. SWP and CVP Banks PP Exports, October

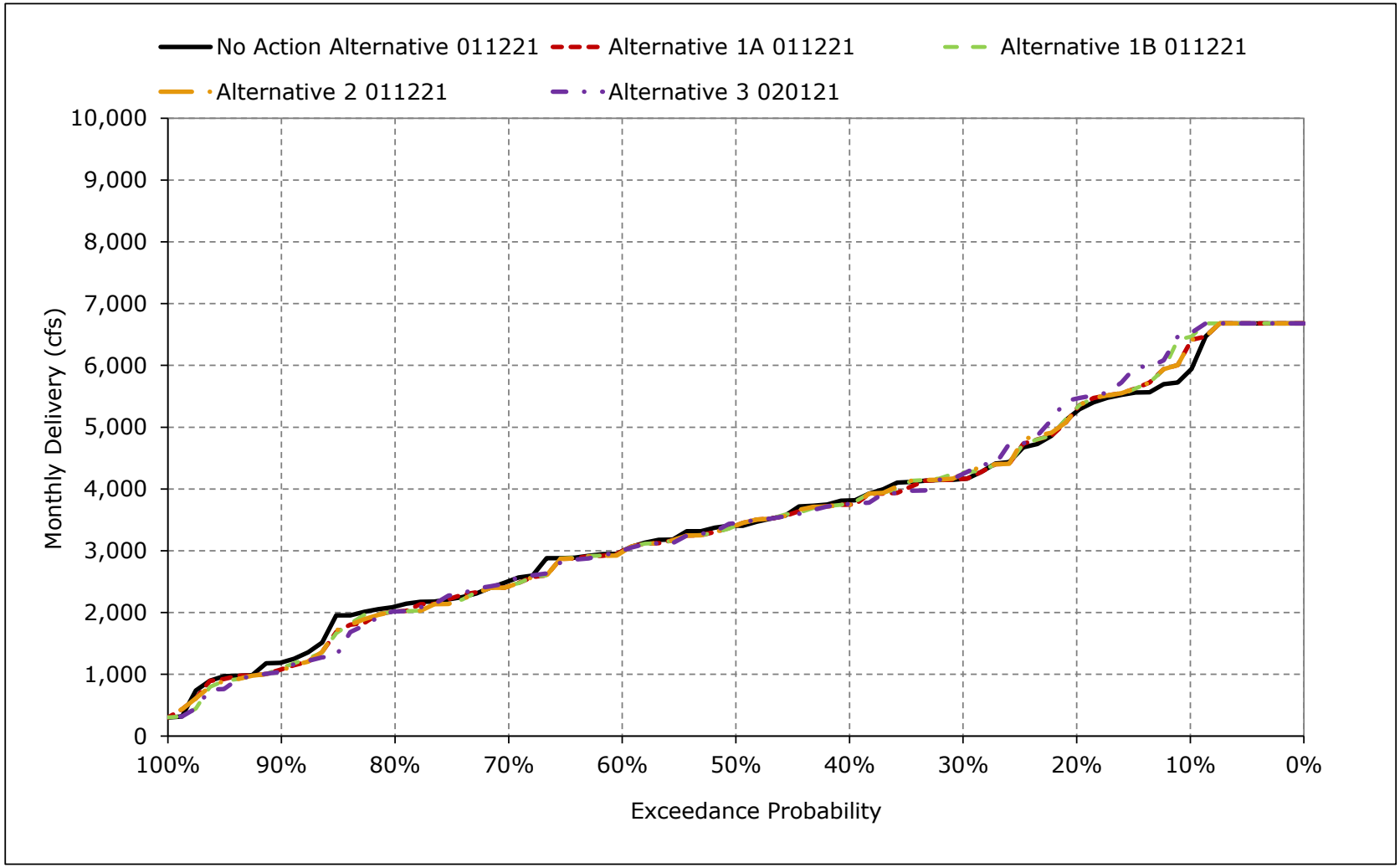


Figure 5B4-5-8. SWP and CVP Banks PP Exports, November

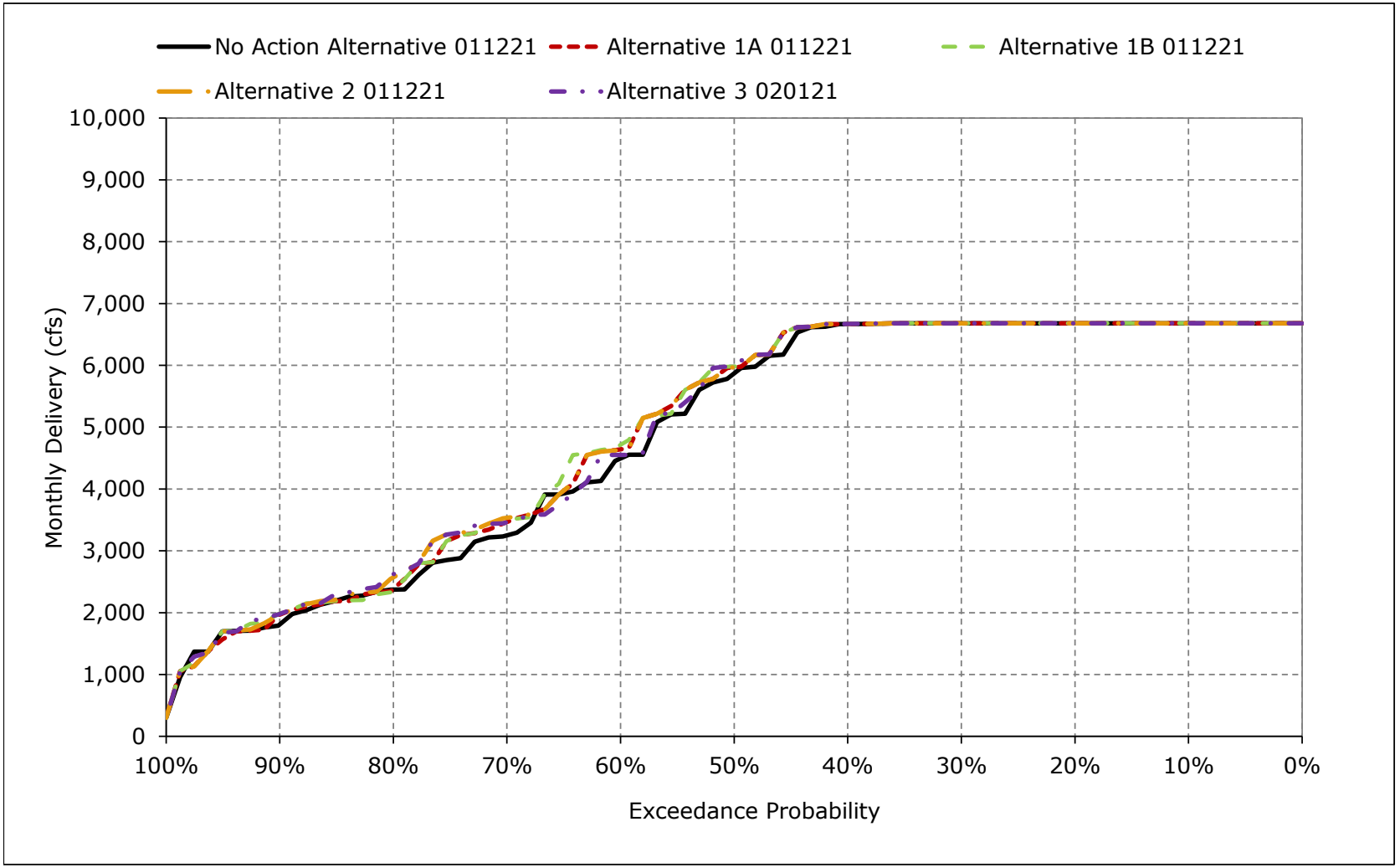


Figure 5B4-5-9. SWP and CVP Banks PP Exports, December

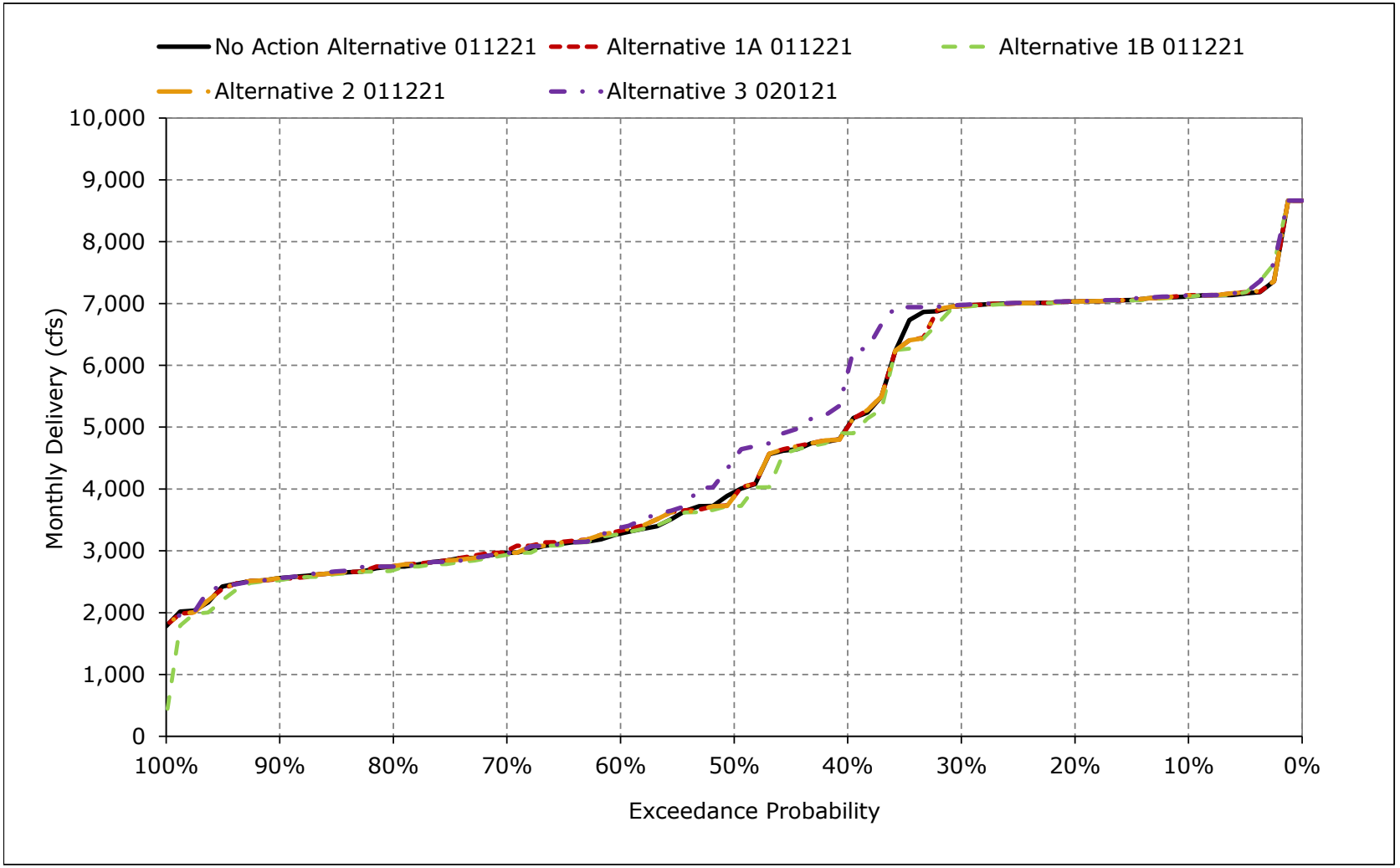


Figure 5B4-5-10. SWP and CVP Banks PP Exports, January

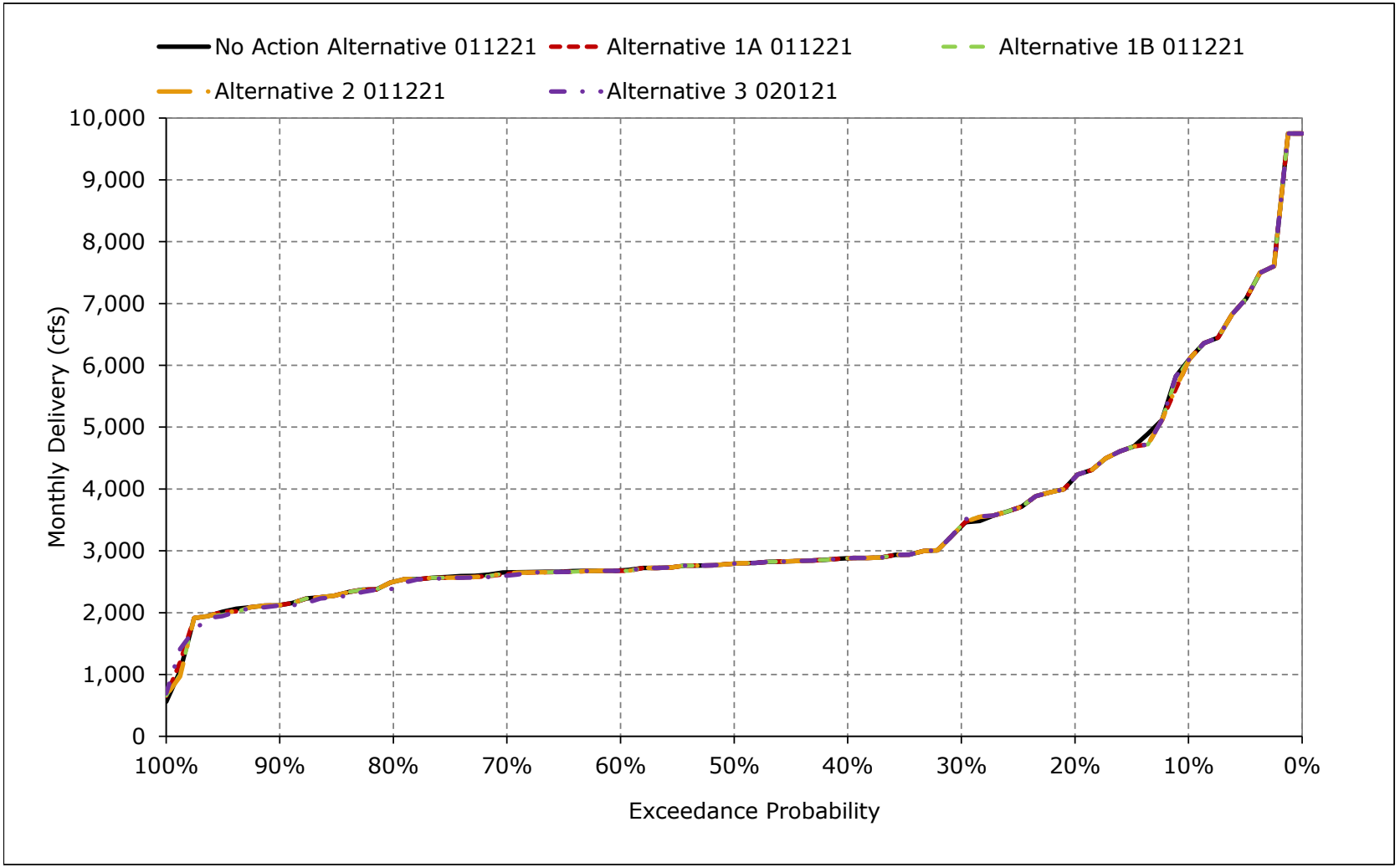


Figure 5B4-5-11. SWP and CVP Banks PP Exports, February

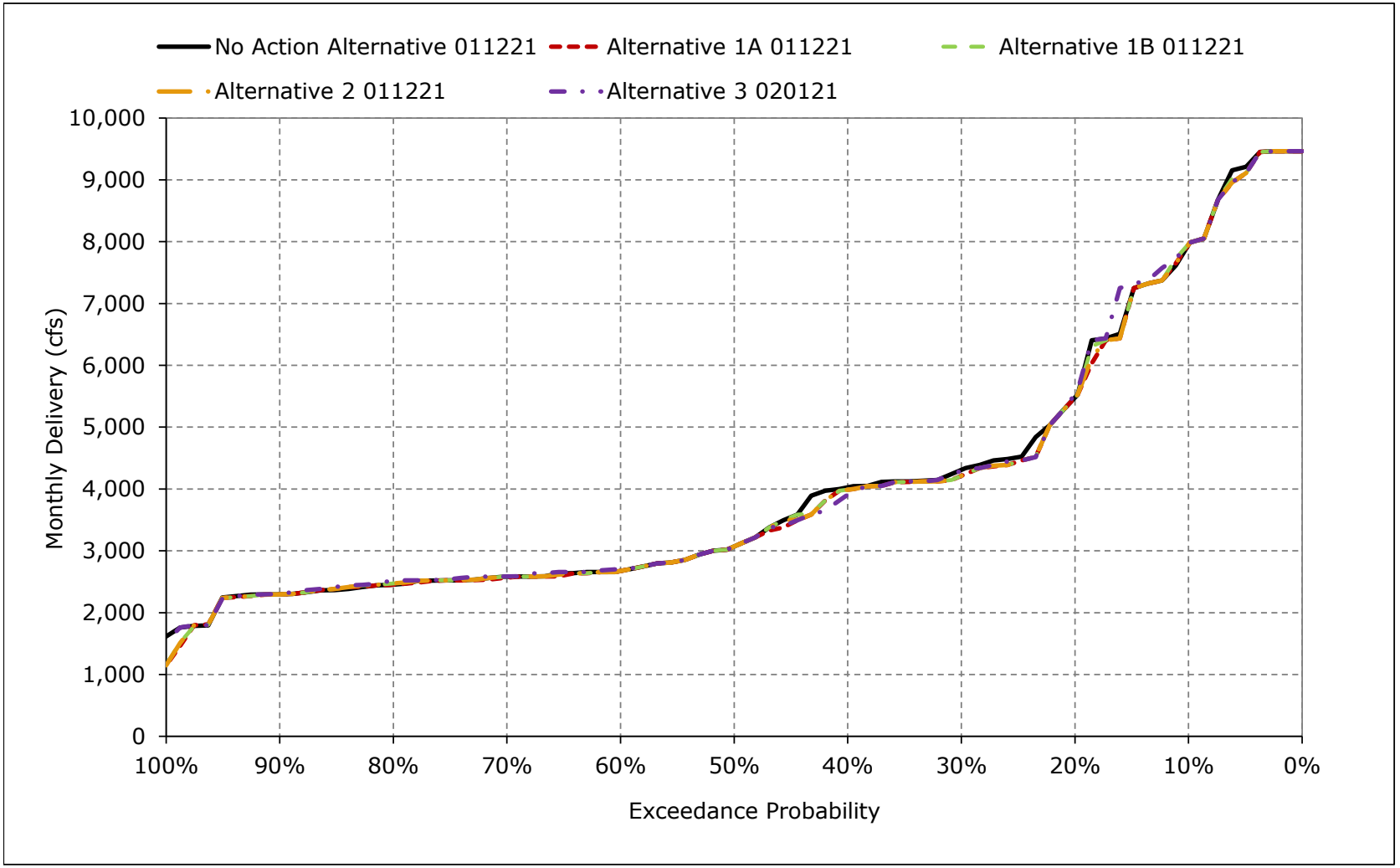


Figure 5B4-5-12. SWP and CVP Banks PP Exports, March

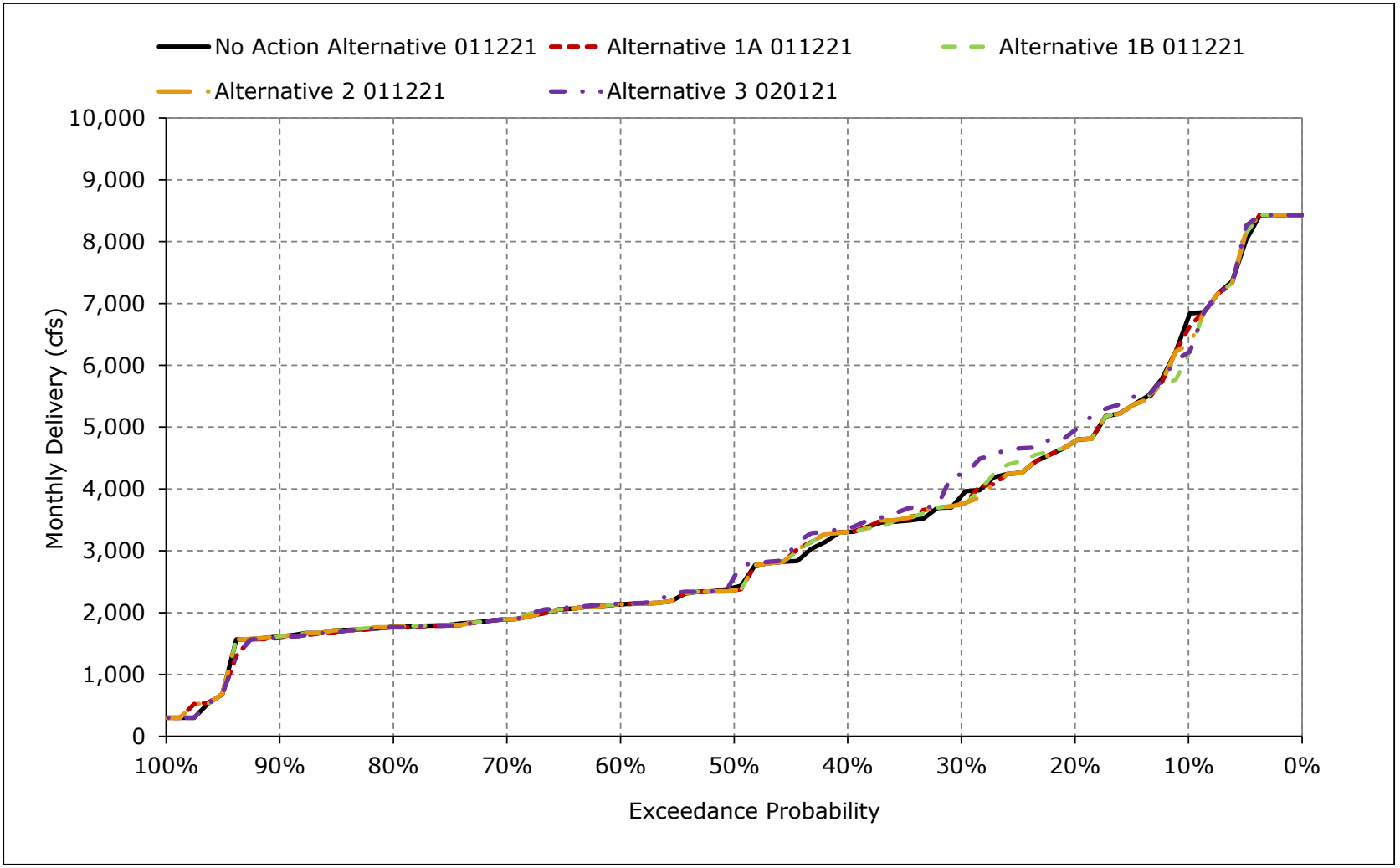


Figure 5B4-5-13. SWP and CVP Banks PP Exports, April

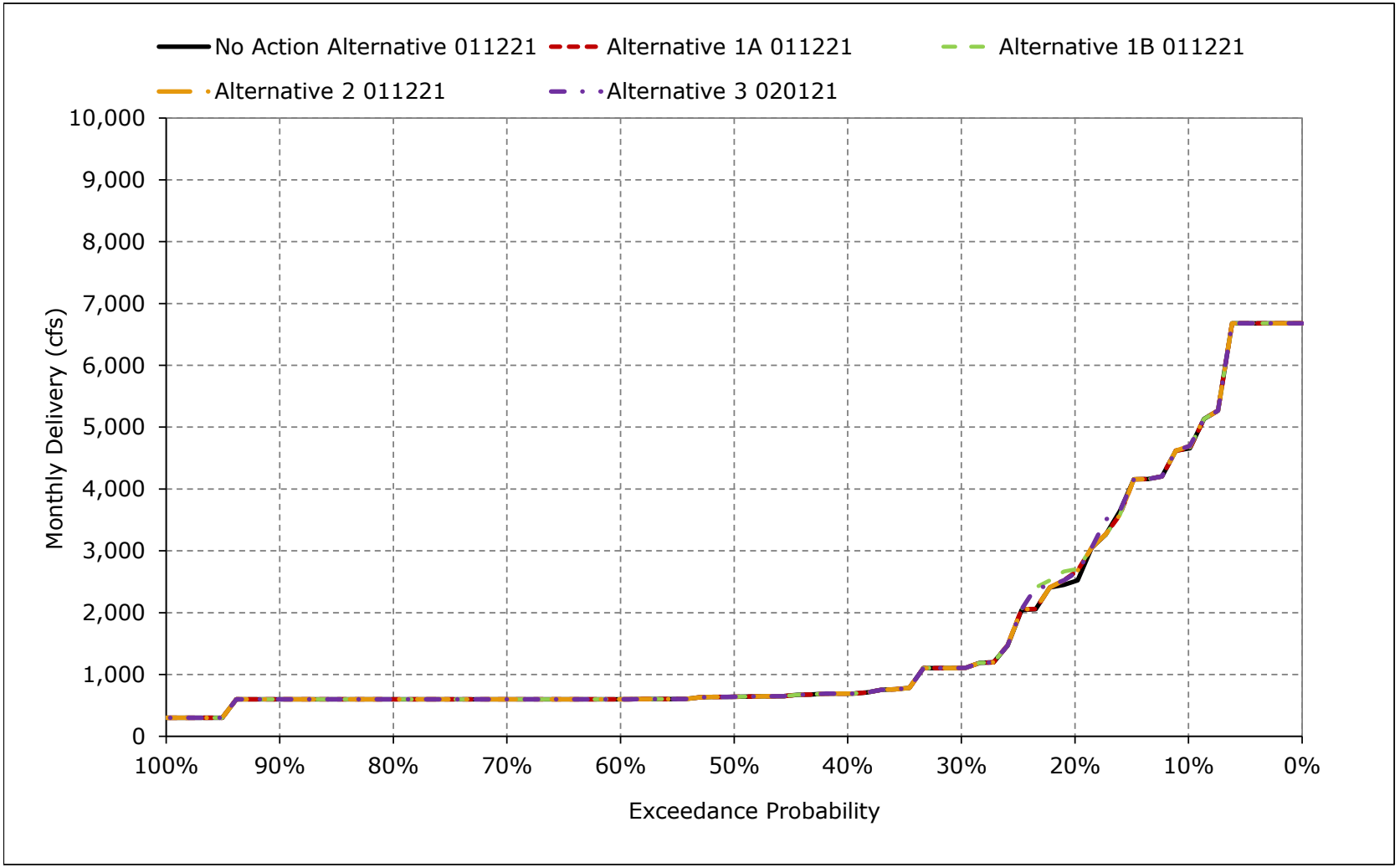


Figure 5B4-5-14. SWP and CVP Banks PP Exports, May

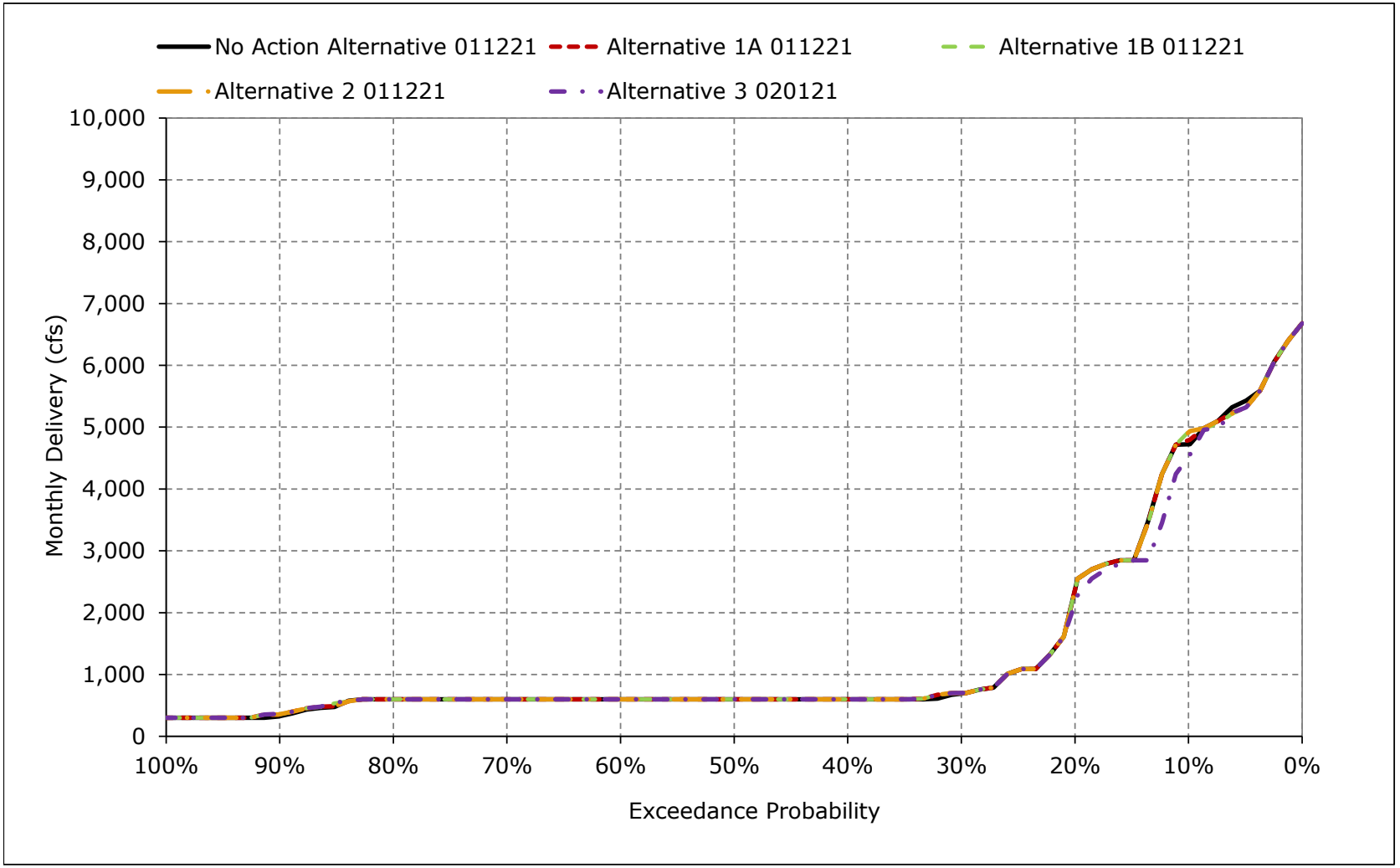


Figure 5B4-5-15. SWP and CVP Banks PP Exports, June

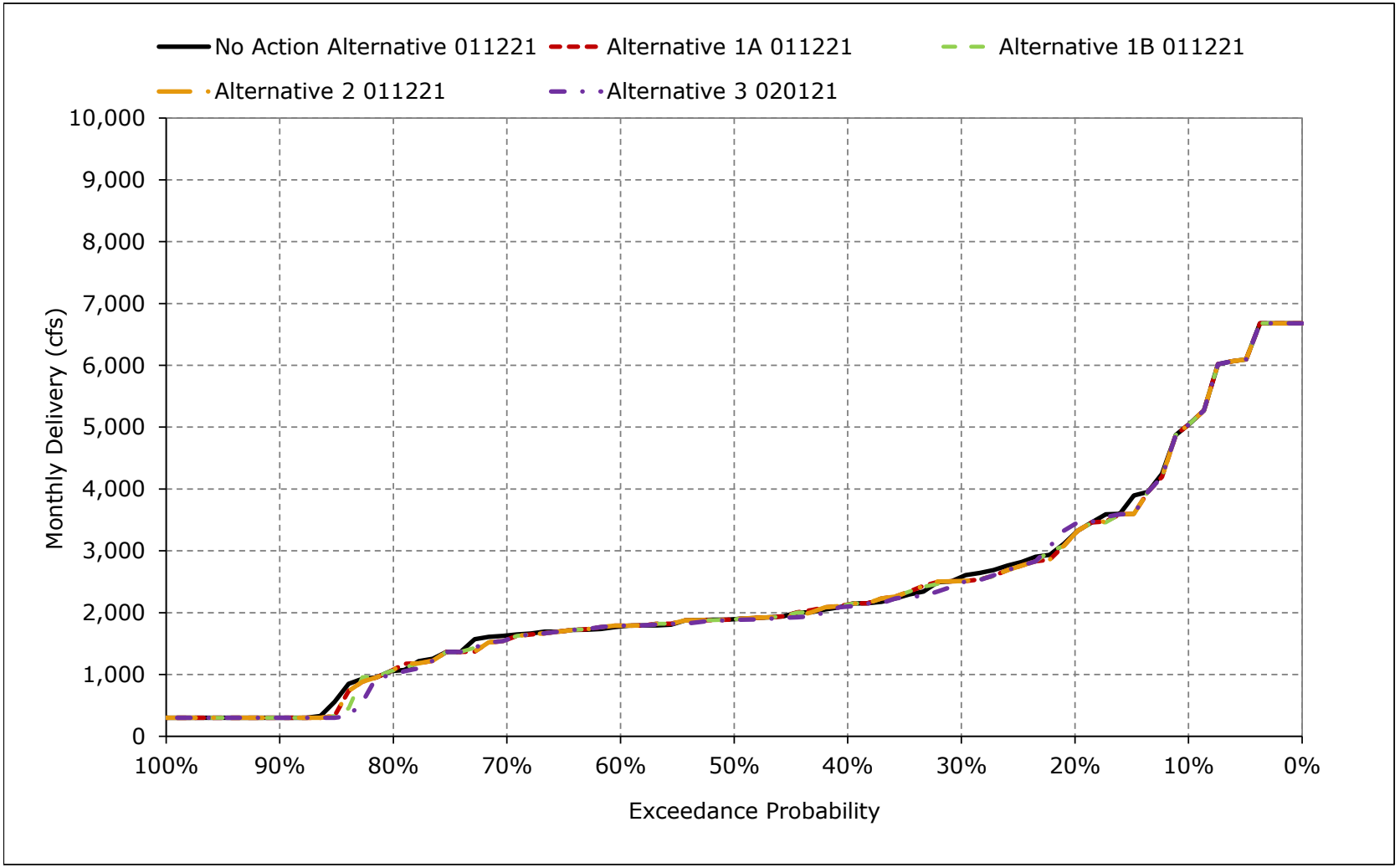


Figure 5B4-5-16. SWP and CVP Banks PP Exports, July

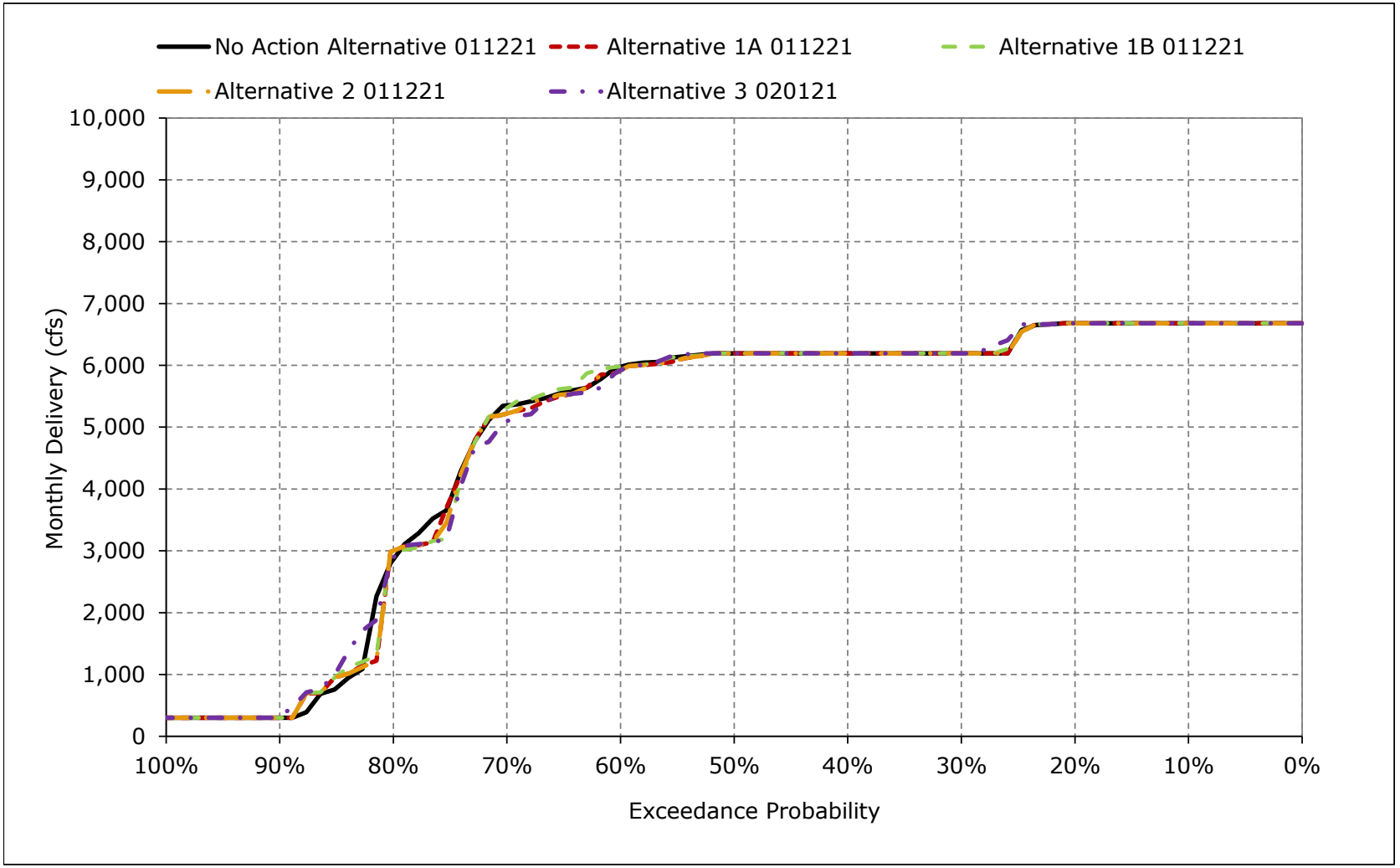


Figure 5B4-5-17. SWP and CVP Banks PP Exports, August

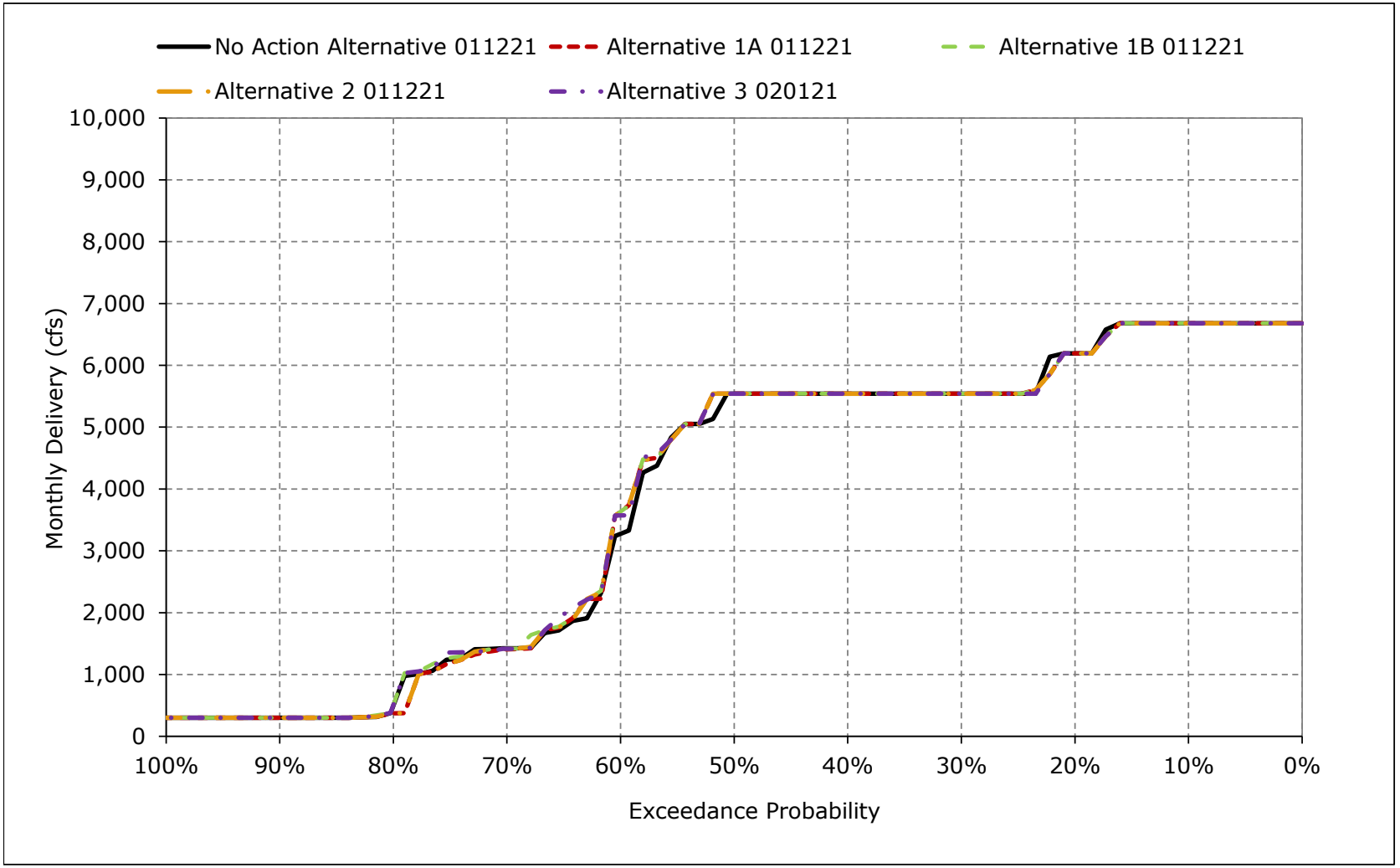


Figure 5B4-5-18. SWP and CVP Banks PP Exports, September

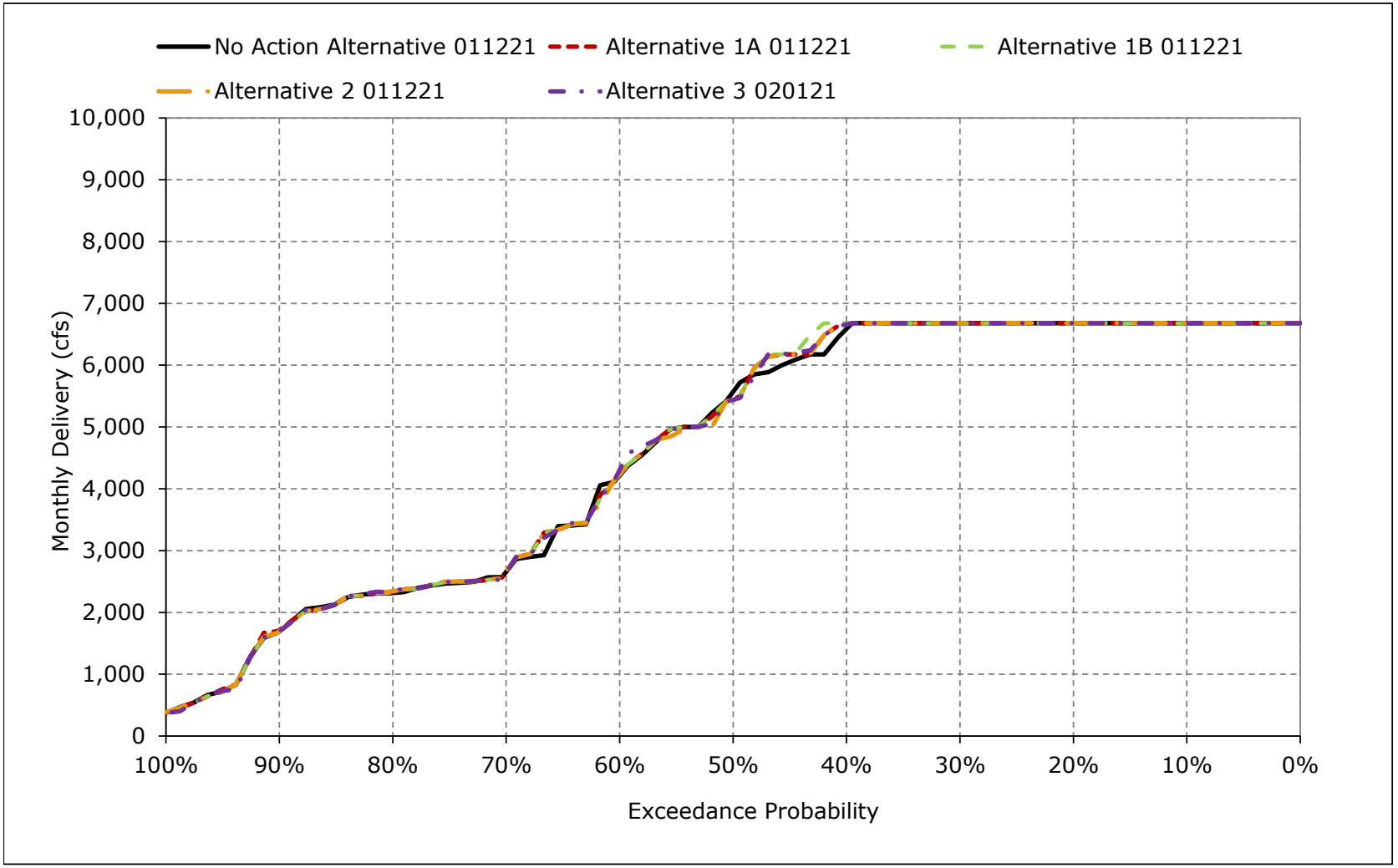


Table 5B4-6-1a. Barker Slough Pumping Plant, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	153	175	175	175	175	175	175	175	175	159	153	175
20%	133	175	175	175	175	175	175	175	175	115	151	175
30%	111	128	175	175	175	175	175	175	175	110	110	160
40%	111	128	175	175	175	175	175	175	167	110	110	150
50%	111	122	175	175	175	175	175	175	159	106	105	121
60%	107	103	175	175	175	175	175	175	128	105	105	111
70%	103	81	115	175	175	175	175	163	120	98	99	110
80%	101	77	98	175	175	175	175	135	115	97	96	108
90%	89	63	63	175	145	105	110	93	71	64	96	108
Long Term												
Full Simulation Period[a]	113	116	144	168	165	162	162	154	141	110	111	135
Water Year Types[b,c]												
Wet (32%)	124	139	155	175	174	175	175	175	169	121	123	126
Above Normal (15%)	111	116	162	174	175	175	175	171	148	105	105	108
Below Normal (17%)	125	118	135	172	169	175	175	158	135	97	96	143
Dry (22%)	106	103	124	170	159	159	159	148	143	132	129	164
Critical (15%)	89	80	141	138	142	112	113	98	78	75	84	131

Table 5B4-6-1b. Barker Slough Pumping Plant, Alternative 1A 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	154	175	175	175	175	175	175	175	175	175	173	175
20%	144	175	175	175	175	175	175	175	175	137	151	175
30%	123	128	175	175	175	175	175	175	173	120	123	175
40%	111	128	175	175	175	175	175	175	167	119	119	155
50%	111	123	175	175	175	175	175	175	159	111	118	125
60%	107	105	174	175	175	175	175	175	128	110	110	111
70%	103	81	113	175	175	175	175	148	120	110	110	110
80%	102	77	83	175	175	175	175	135	115	105	105	110
90%	89	59	62	175	142	105	110	93	71	85	104	108
Long Term												
Full Simulation Period[a]	115	115	140	168	165	161	163	154	141	121	121	139
Water Year Types[b,c]												
Wet (32%)	125	137	153	175	174	175	175	175	169	121	122	124
Above Normal (15%)	115	116	161	174	175	175	175	171	147	105	105	108
Below Normal (17%)	118	118	135	172	168	175	175	158	135	119	118	154
Dry (22%)	115	109	115	170	159	154	159	146	143	150	146	171
Critical (15%)	88	73	137	138	139	110	114	96	78	94	103	140

Table 5B4-6-1c. Barker Slough Pumping Plant, Alternative 1A 011221 minus No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0	0	0	0	0	0	0	0	0	16	20	0
20%	11	0	0	0	0	0	0	0	0	22	0	0
30%	11	0	0	0	0	0	0	0	-2	9	12	15
40%	0	0	0	0	0	0	0	0	0	8	9	6
50%	0	2	0	0	0	0	0	0	0	5	13	5
60%	0	2	-1	0	0	0	0	0	0	5	5	1
70%	0	0	-2	0	0	0	0	-15	0	12	11	0
80%	0	0	-15	0	0	0	0	0	0	8	8	3
90%	0	-4	-1	0	-3	0	0	0	0	20	8	0
Long Term												
Full Simulation Period[a]	2	0	-3	0	-1	-1	0	0	0	11	10	4
Water Year Types[b,c]												
Wet (32%)	1	-2	-2	0	0	0	0	0	0	0	-1	-2
Above Normal (15%)	4	0	-2	0	0	0	0	0	-1	0	0	0
Below Normal (17%)	-6	0	0	0	0	0	0	0	0	22	22	11
Dry (22%)	9	6	-9	0	0	-5	0	-1	0	18	17	6
Critical (15%)	-1	-7	-4	0	-3	-1	2	-1	0	19	19	8

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-6-2a. Barker Slough Pumping Plant, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	153	175	175	175	175	175	175	175	175	159	153	175
20%	133	175	175	175	175	175	175	175	175	115	151	175
30%	111	128	175	175	175	175	175	175	175	110	110	160
40%	111	128	175	175	175	175	175	175	167	110	110	150
50%	111	122	175	175	175	175	175	175	159	106	105	121
60%	107	103	175	175	175	175	175	175	128	105	105	111
70%	103	81	115	175	175	175	175	163	120	98	99	110
80%	101	77	98	175	175	175	175	135	115	97	96	108
90%	89	63	63	175	145	105	110	93	71	64	96	108
Long Term												
Full Simulation Period[a]	113	116	144	168	165	162	162	154	141	110	111	135
Water Year Types[b,c]												
Wet (32%)	124	139	155	175	174	175	175	175	169	121	123	126
Above Normal (15%)	111	116	162	174	175	175	175	171	148	105	105	108
Below Normal (17%)	125	118	135	172	169	175	175	158	135	97	96	143
Dry (22%)	106	103	124	170	159	159	159	148	143	132	129	164
Critical (15%)	89	80	141	138	142	112	113	98	78	75	84	131

Table 5B4-6-2b. Barker Slough Pumping Plant, Alternative 1B 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	154	175	175	175	175	175	175	175	175	175	173	175
20%	144	175	175	175	175	175	175	175	175	137	151	175
30%	111	128	175	175	175	175	175	175	173	120	123	175
40%	111	128	175	175	175	175	175	175	167	119	119	155
50%	111	123	175	175	175	175	175	175	159	111	118	140
60%	107	94	149	175	175	175	175	175	128	110	110	115
70%	103	81	113	175	175	175	175	148	120	110	110	110
80%	101	66	85	175	175	175	175	135	115	105	105	110
90%	89	59	55	175	157	105	110	93	71	85	104	108
Long Term												
Full Simulation Period[a]	114	114	139	167	166	161	163	154	141	121	121	140
Water Year Types[b,c]												
Wet (32%)	125	137	153	175	174	175	175	175	169	121	122	126
Above Normal (15%)	115	116	161	174	175	175	175	171	147	105	105	111
Below Normal (17%)	118	118	137	172	168	175	175	158	135	119	118	154
Dry (22%)	113	108	112	170	158	154	160	146	143	151	146	170
Critical (15%)	88	69	133	135	148	113	114	96	78	94	103	141

Table 5B4-6-2c. Barker Slough Pumping Plant, Alternative 1B 011221 minus No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0	0	0	0	0	0	0	0	0	16	20	0
20%	11	0	0	0	0	0	0	0	0	22	0	0
30%	0	0	0	0	0	0	0	0	-2	9	12	15
40%	0	0	0	0	0	0	0	0	0	8	9	5
50%	0	2	0	0	0	0	0	0	0	5	13	20
60%	0	-10	-26	0	0	0	0	0	0	5	5	5
70%	-1	0	-2	0	0	0	0	-15	0	12	11	0
80%	0	-11	-14	0	0	0	0	0	0	8	8	3
90%	0	-4	-7	0	12	0	0	0	0	20	8	0
Long Term												
Full Simulation Period[a]	1	-1	-4	-1	1	-1	0	0	0	11	10	5
Water Year Types[b,c]												
Wet (32%)	1	-2	-2	0	0	0	0	0	0	0	-1	0
Above Normal (15%)	4	0	-2	0	0	0	0	0	-1	0	0	4
Below Normal (17%)	-6	0	2	0	0	0	0	0	0	22	22	11
Dry (22%)	7	5	-11	0	0	-5	1	-1	0	19	17	5
Critical (15%)	-1	-11	-8	-4	6	1	2	-1	0	19	19	9

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-6-3a. Barker Slough Pumping Plant, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	153	175	175	175	175	175	175	175	175	159	153	175
20%	133	175	175	175	175	175	175	175	175	115	151	175
30%	111	128	175	175	175	175	175	175	175	110	110	160
40%	111	128	175	175	175	175	175	175	167	110	110	150
50%	111	122	175	175	175	175	175	175	159	106	105	121
60%	107	103	175	175	175	175	175	175	128	105	105	111
70%	103	81	115	175	175	175	175	163	120	98	99	110
80%	101	77	98	175	175	175	175	135	115	97	96	108
90%	89	63	63	175	145	105	110	93	71	64	96	108
Long Term												
Full Simulation Period[a]	113	116	144	168	165	162	162	154	141	110	111	135
Water Year Types[b,c]												
Wet (32%)	124	139	155	175	174	175	175	175	169	121	123	126
Above Normal (15%)	111	116	162	174	175	175	175	171	148	105	105	108
Below Normal (17%)	125	118	135	172	169	175	175	158	135	97	96	143
Dry (22%)	106	103	124	170	159	159	159	148	143	132	129	164
Critical (15%)	89	80	141	138	142	112	113	98	78	75	84	131

Table 5B4-6-3b. Barker Slough Pumping Plant, Alternative 2 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	154	175	175	175	175	175	175	175	175	175	173	175
20%	144	175	175	175	175	175	175	175	175	137	152	175
30%	111	128	175	175	175	175	175	175	173	120	123	175
40%	111	128	175	175	175	175	175	175	167	119	119	155
50%	111	123	175	175	175	175	175	175	159	111	118	133
60%	107	107	174	175	175	175	175	175	128	110	110	111
70%	103	81	113	175	175	175	175	148	120	110	110	110
80%	101	77	83	175	175	175	175	135	115	105	105	109
90%	89	59	55	175	156	105	110	93	71	85	104	108
Long Term												
Full Simulation Period[a]	114	115	140	167	166	161	163	154	141	121	122	139
Water Year Types[b,c]												
Wet (32%)	125	137	154	175	174	175	175	175	169	121	123	126
Above Normal (15%)	115	116	161	174	175	175	175	171	147	105	105	108
Below Normal (17%)	118	118	135	172	168	175	175	158	135	119	118	154
Dry (22%)	112	112	115	170	159	154	159	146	143	150	146	171
Critical (15%)	88	69	133	135	148	110	114	96	78	94	103	137

Table 5B4-6-3c. Barker Slough Pumping Plant, Alternative 2 011221 minus No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0	0	0	0	0	0	0	0	0	16	20	0
20%	11	0	0	0	0	0	0	0	0	22	1	0
30%	0	0	0	0	0	0	0	0	-2	9	12	15
40%	0	0	0	0	0	0	0	0	0	8	9	5
50%	0	2	0	0	0	0	0	0	0	5	13	12
60%	0	4	-1	0	0	0	0	0	0	5	5	1
70%	-1	0	-2	0	0	0	0	-15	0	12	11	0
80%	0	0	-15	0	0	0	0	0	0	8	8	1
90%	0	-4	-7	0	11	0	0	0	0	20	8	0
Long Term												
Full Simulation Period[a]	1	0	-4	-1	1	-1	0	0	0	11	10	4
Water Year Types[b,c]												
Wet (32%)	1	-2	-1	0	0	0	0	0	0	0	0	0
Above Normal (15%)	4	0	-2	0	0	0	0	0	-1	0	0	0
Below Normal (17%)	-6	0	0	0	0	0	0	0	0	22	22	11
Dry (22%)	6	9	-9	0	0	-5	0	-1	0	18	17	6
Critical (15%)	-1	-11	-8	-4	6	-1	2	-1	0	19	19	5

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-6-4a. Barker Slough Pumping Plant, No Action Alternative 011221, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	153	175	175	175	175	175	175	175	175	159	153	175
20%	133	175	175	175	175	175	175	175	175	115	151	175
30%	111	128	175	175	175	175	175	175	175	110	110	160
40%	111	128	175	175	175	175	175	175	167	110	110	150
50%	111	122	175	175	175	175	175	175	159	106	105	121
60%	107	103	175	175	175	175	175	175	128	105	105	111
70%	103	81	115	175	175	175	175	163	120	98	99	110
80%	101	77	98	175	175	175	175	135	115	97	96	108
90%	89	63	63	175	145	105	110	93	71	64	96	108
Long Term												
Full Simulation Period[a]	113	116	144	168	165	162	162	154	141	110	111	135
Water Year Types[b,c]												
Wet (32%)	124	139	155	175	174	175	175	175	169	121	123	126
Above Normal (15%)	111	116	162	174	175	175	175	171	148	105	105	108
Below Normal (17%)	125	118	135	172	169	175	175	158	135	97	96	143
Dry (22%)	106	103	124	170	159	159	159	148	143	132	129	164
Critical (15%)	89	80	141	138	142	112	113	98	78	75	84	131

Table 5B4-6-4b. Barker Slough Pumping Plant, Alternative 3 020121, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	154	175	175	175	175	175	175	175	175	175	173	175
20%	145	175	175	175	175	175	175	175	175	137	149	175
30%	111	128	175	175	175	175	175	175	175	120	123	175
40%	111	128	175	175	175	175	175	175	167	119	118	155
50%	111	122	175	175	175	175	175	175	159	111	118	140
60%	107	84	174	175	175	175	175	175	128	110	110	111
70%	102	78	113	175	175	175	175	148	120	110	110	110
80%	91	63	98	175	175	175	175	135	115	105	105	110
90%	89	59	63	175	145	105	111	93	71	82	104	108
Long Term												
Full Simulation Period[a]	114	113	143	168	165	161	163	154	141	121	121	140
Water Year Types[b,c]												
Wet (32%)	125	137	154	175	174	175	175	175	169	121	121	124
Above Normal (15%)	111	112	155	174	175	175	175	171	148	105	105	111
Below Normal (17%)	121	118	137	172	168	175	175	158	135	119	118	155
Dry (22%)	111	101	126	170	158	154	161	146	143	151	146	170
Critical (15%)	88	73	137	138	142	112	114	96	78	94	103	141

Table 5B4-6-4c. Barker Slough Pumping Plant, Alternative 3 020121 minus No Action Alternative 011221, Monthly Delivery (cfs)

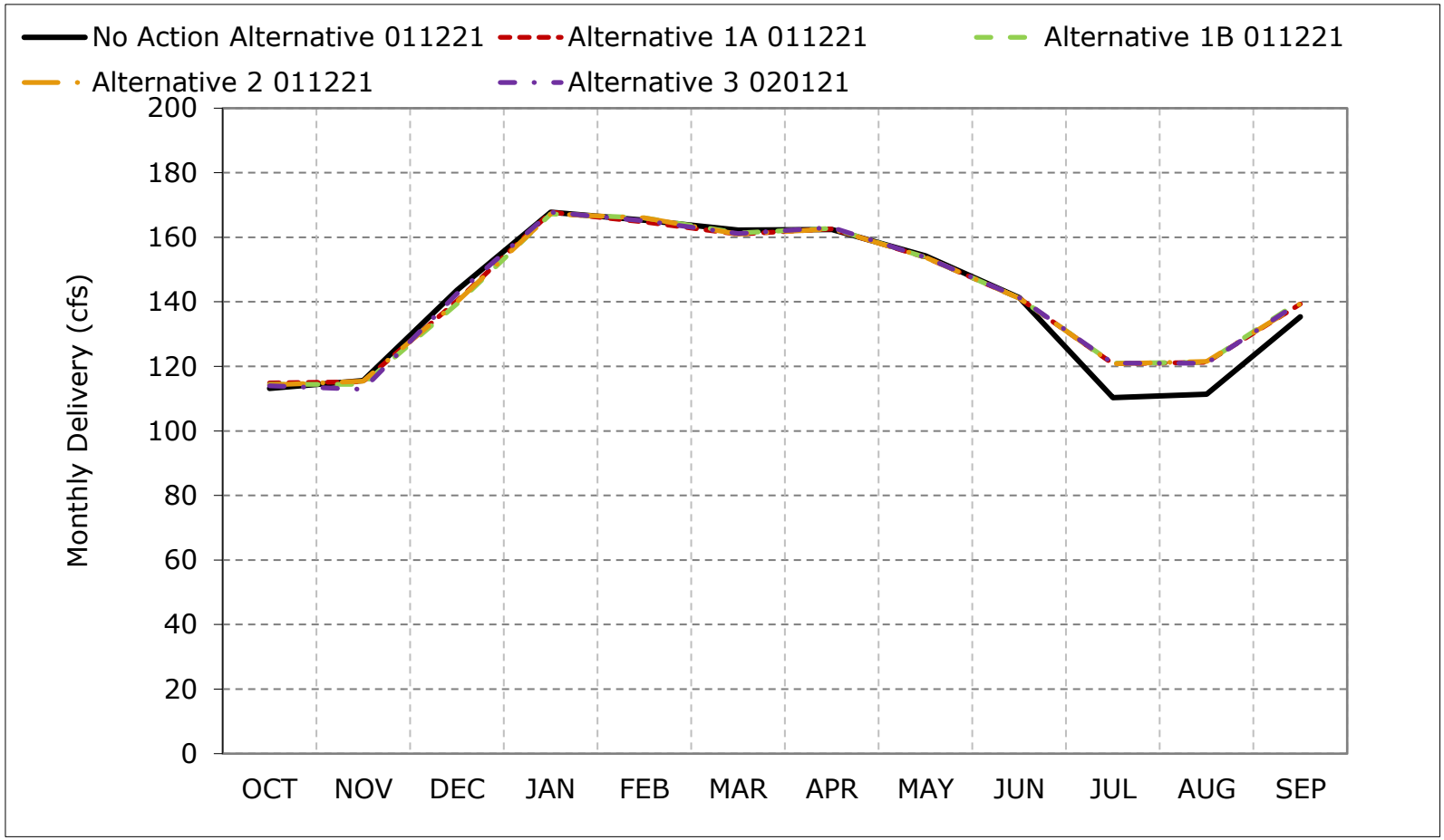
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0	0	0	0	0	0	0	0	0	16	20	0
20%	12	0	0	0	0	0	0	0	0	22	-2	0
30%	0	0	0	0	0	0	0	0	0	9	12	15
40%	0	0	0	0	0	0	0	0	0	8	9	5
50%	0	0	0	0	0	0	0	0	0	5	13	19
60%	0	-20	-1	0	0	0	0	0	0	5	5	1
70%	-1	-3	-2	0	0	0	0	-15	0	12	11	0
80%	-10	-13	0	0	0	0	0	0	0	8	8	3
90%	0	-4	0	0	0	0	1	0	0	17	8	0
Long Term												
Full Simulation Period[a]	1	-3	-1	0	0	-1	1	-1	0	11	10	5
Water Year Types[b,c]												
Wet (32%)	1	-2	-1	0	0	0	0	0	0	0	-2	-2
Above Normal (15%)	0	-4	-7	0	0	0	0	0	0	0	0	4
Below Normal (17%)	-3	0	2	0	0	0	0	0	0	22	22	12
Dry (22%)	5	-2	2	0	0	-5	2	-1	0	19	17	5
Critical (15%)	-1	-7	-4	0	-1	0	2	-2	0	19	19	9

a Based on the 82-year simulation period.

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

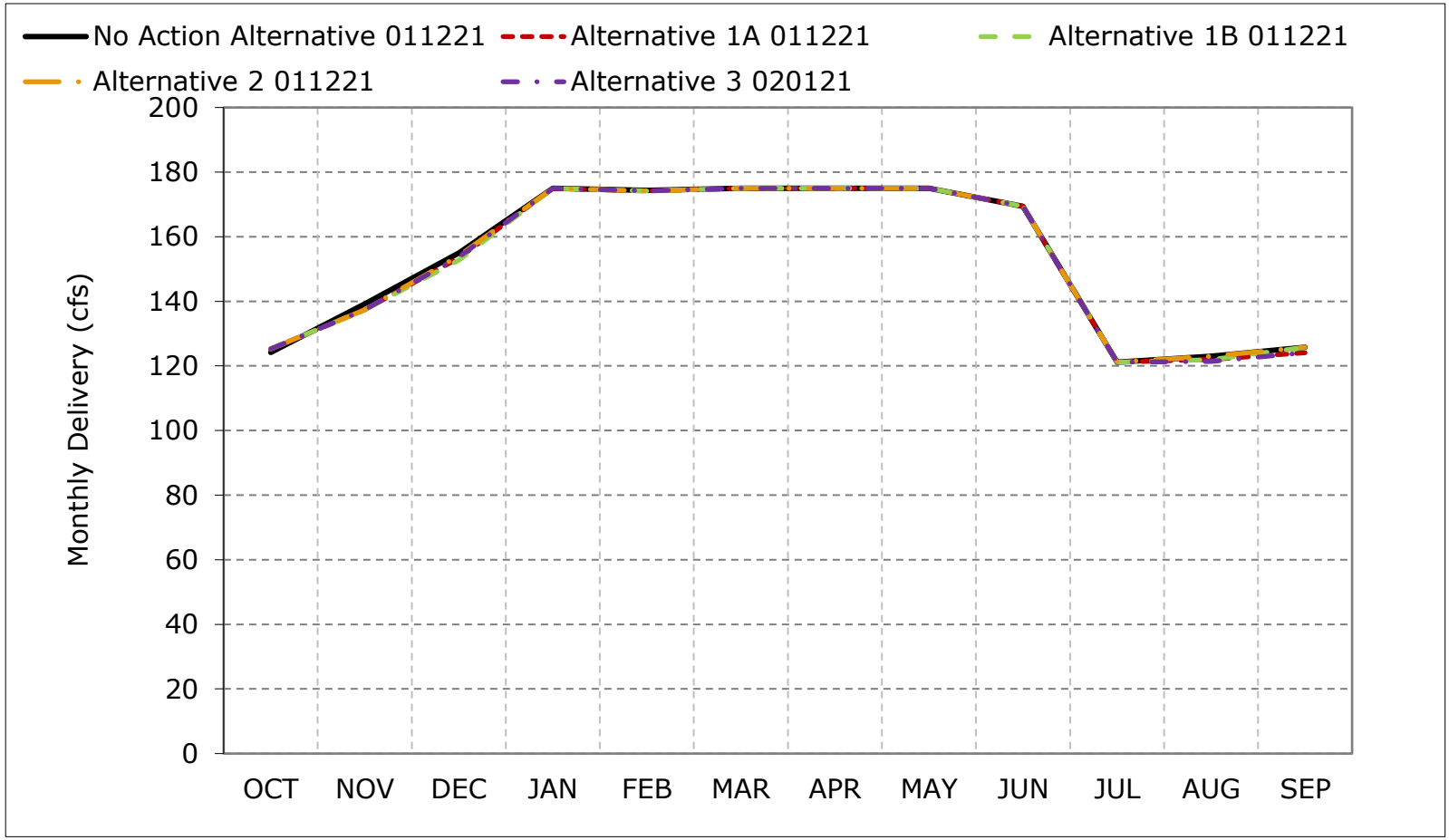
c These results are displayed with calendar year - year type sorting.

Figure 5B4-6-1. Barker Slough Pumping Plant, Long-Term Average Delivery



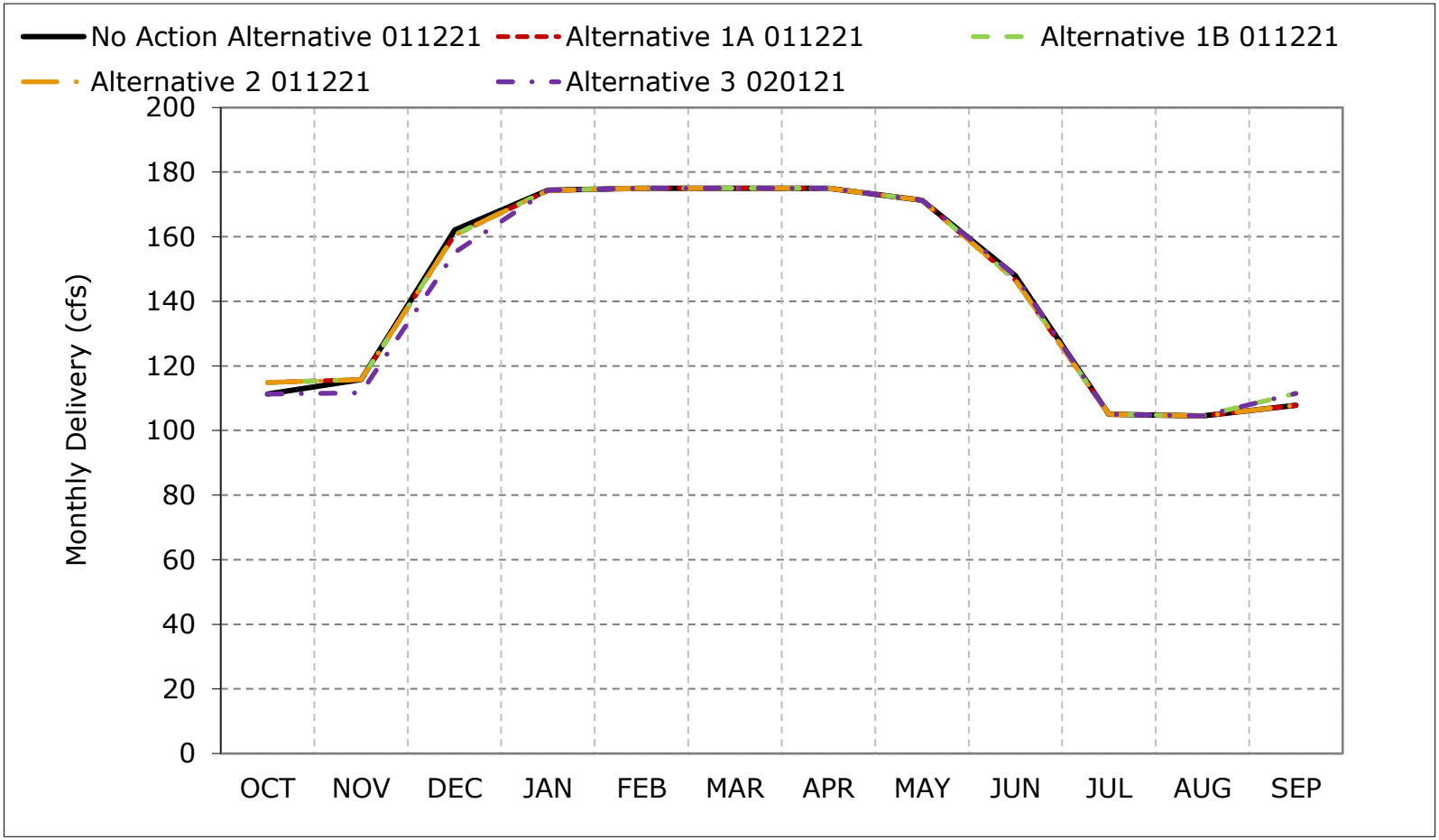
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-6-2. Barker Slough Pumping Plant, Wet Year Average Delivery



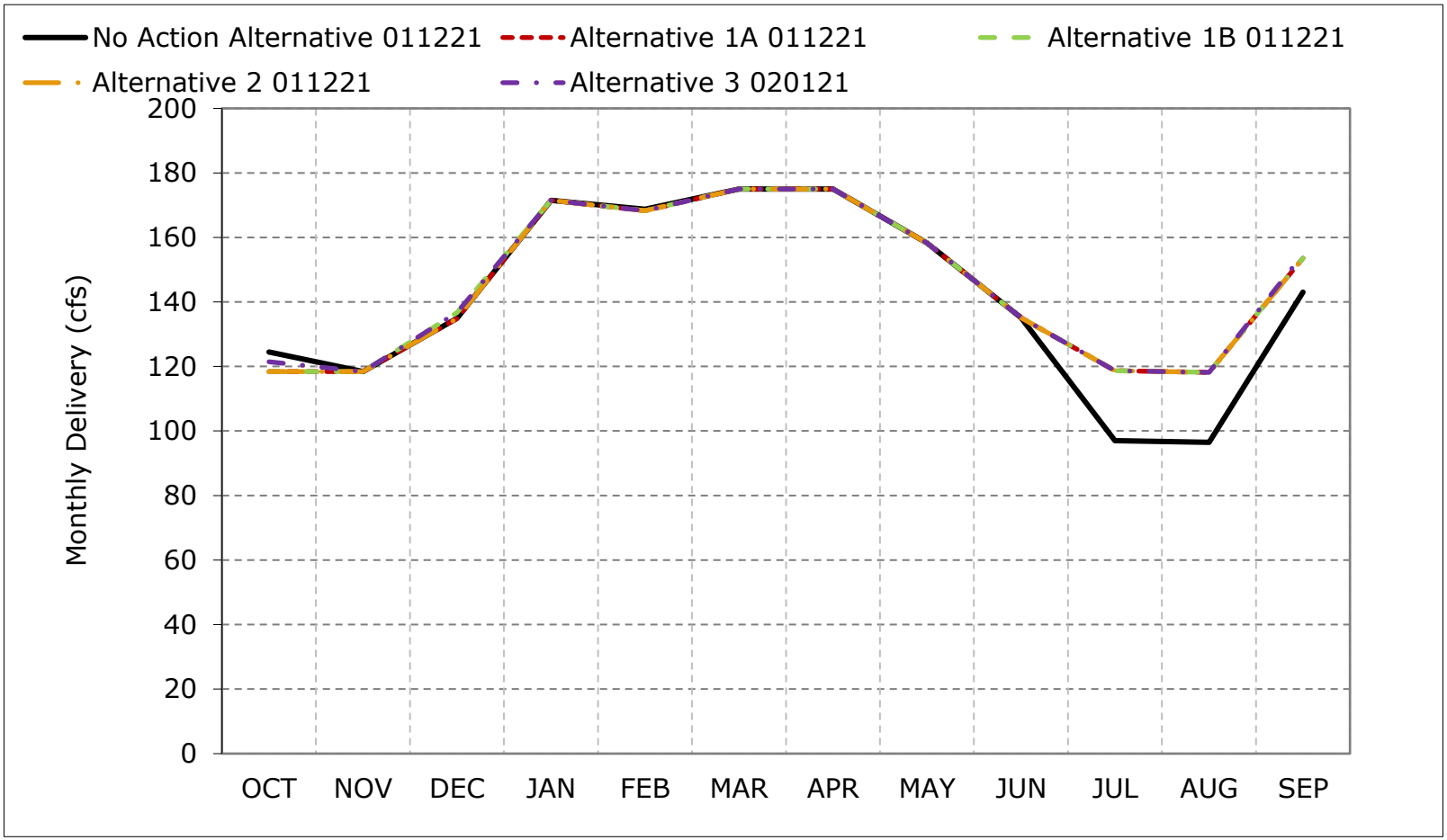
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-6-3. Barker Slough Pumping Plant, Above Normal Year Average Delivery



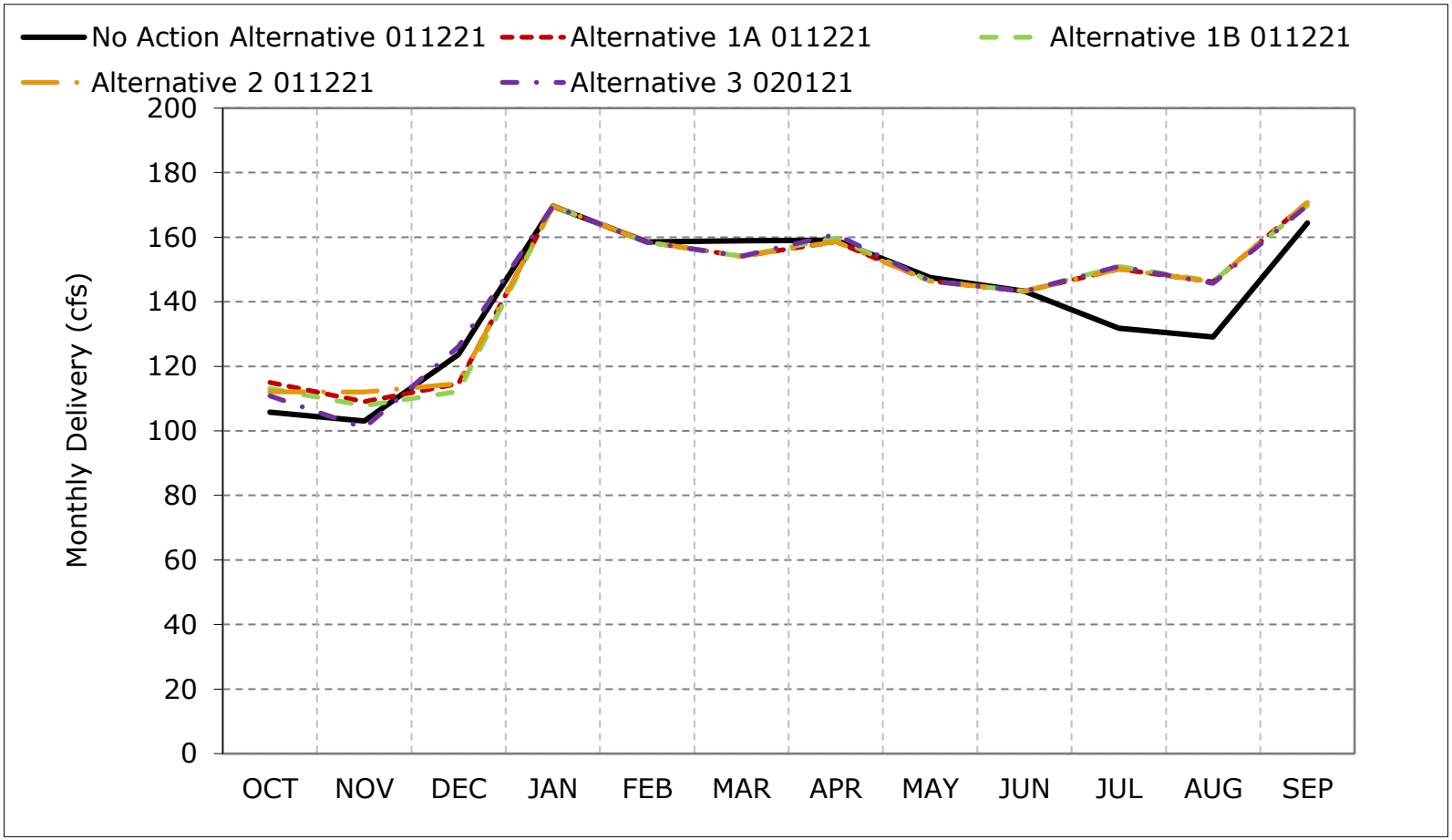
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-6-4. Barker Slough Pumping Plant, Below Normal Year Average Delivery



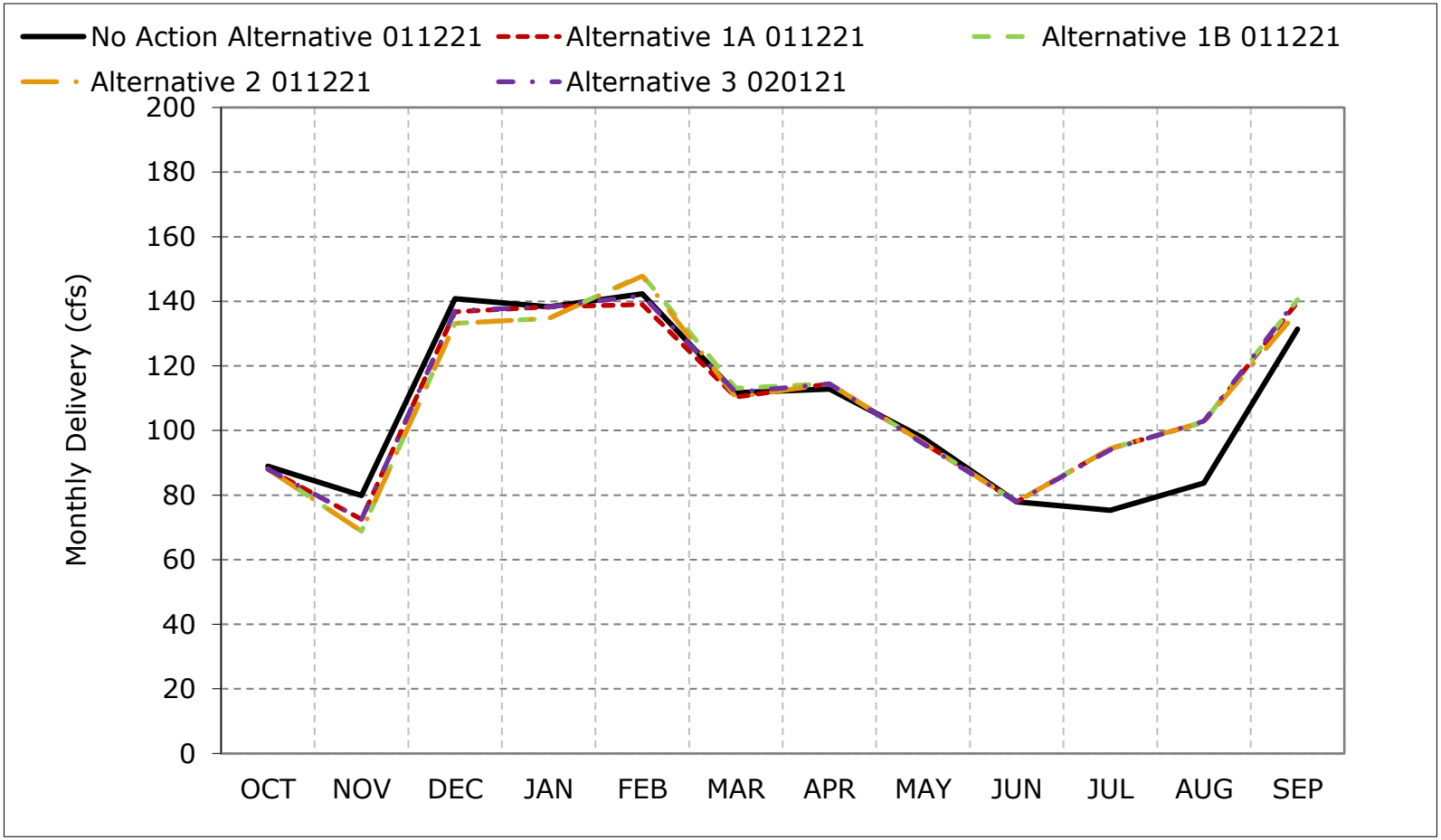
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-6-5. Barker Slough Pumping Plant, Dry Year Average Delivery



*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-6-6. Barker Slough Pumping Plant, Critical Year Average Delivery



*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with calendar year - year type sorting.

Figure 5B4-6-7. Barker Slough Pumping Plant, October

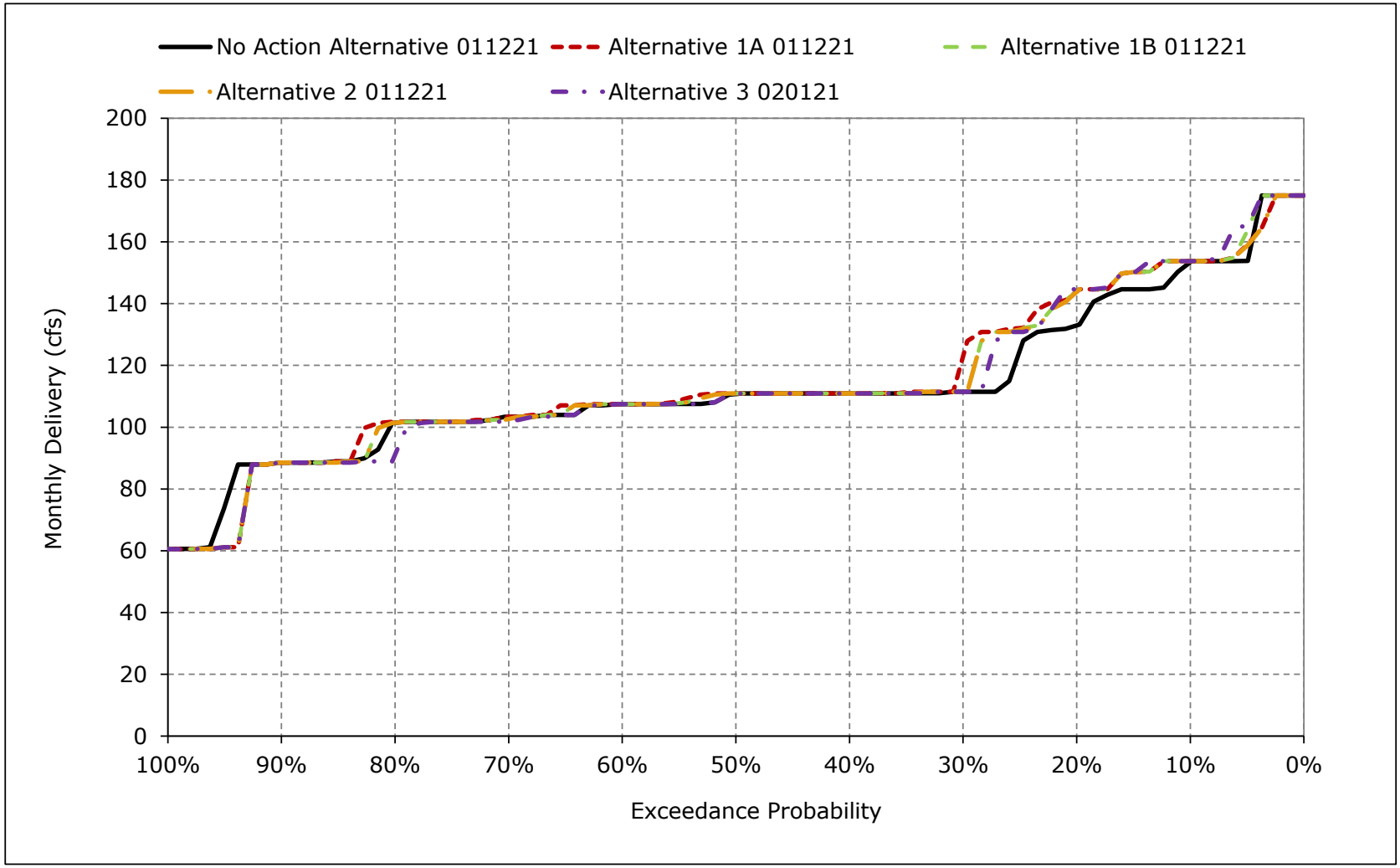


Figure 5B4-6-8. Barker Slough Pumping Plant, November

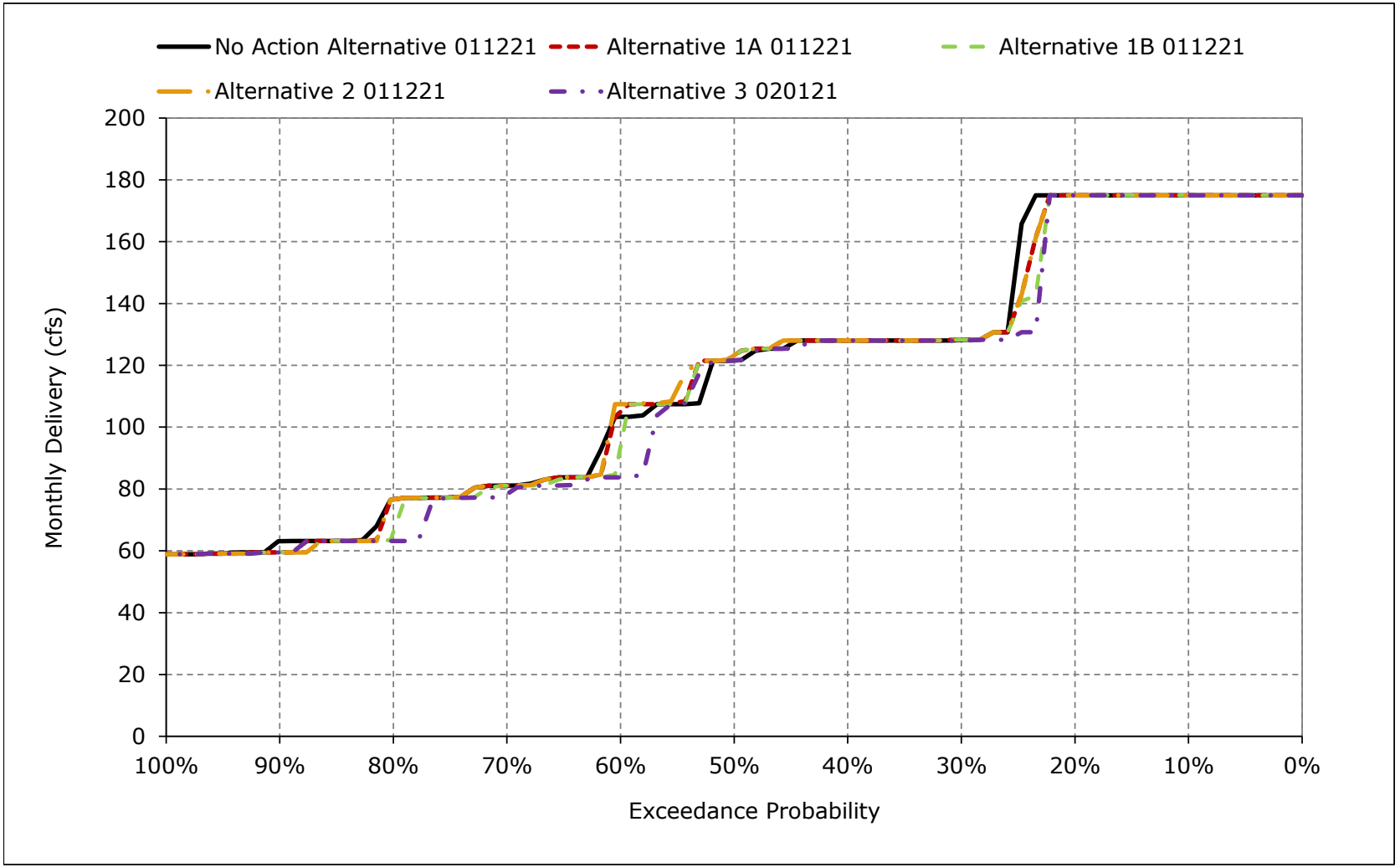


Figure 5B4-6-9. Barker Slough Pumping Plant, December

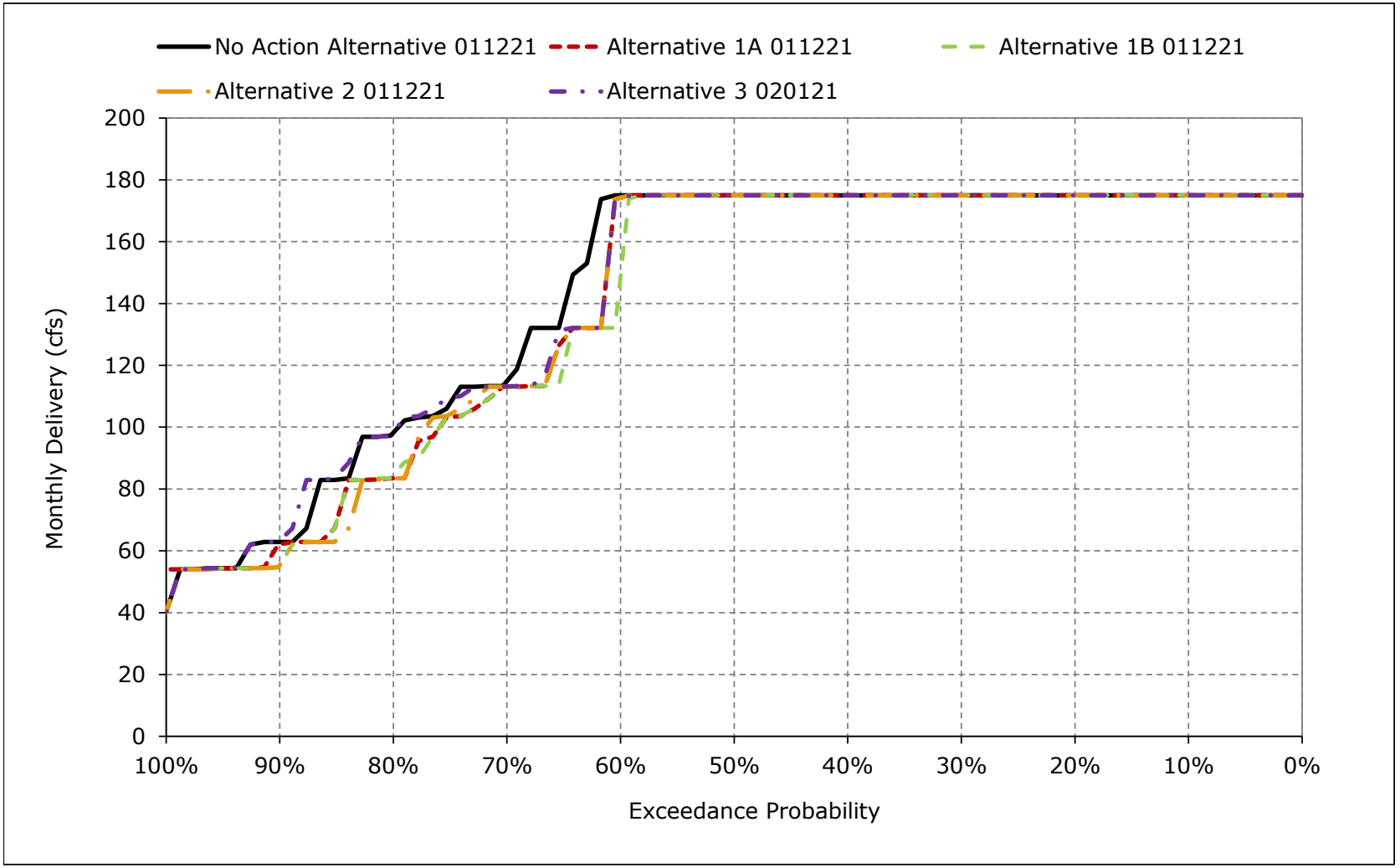


Figure 5B4-6-10. Barker Slough Pumping Plant, January

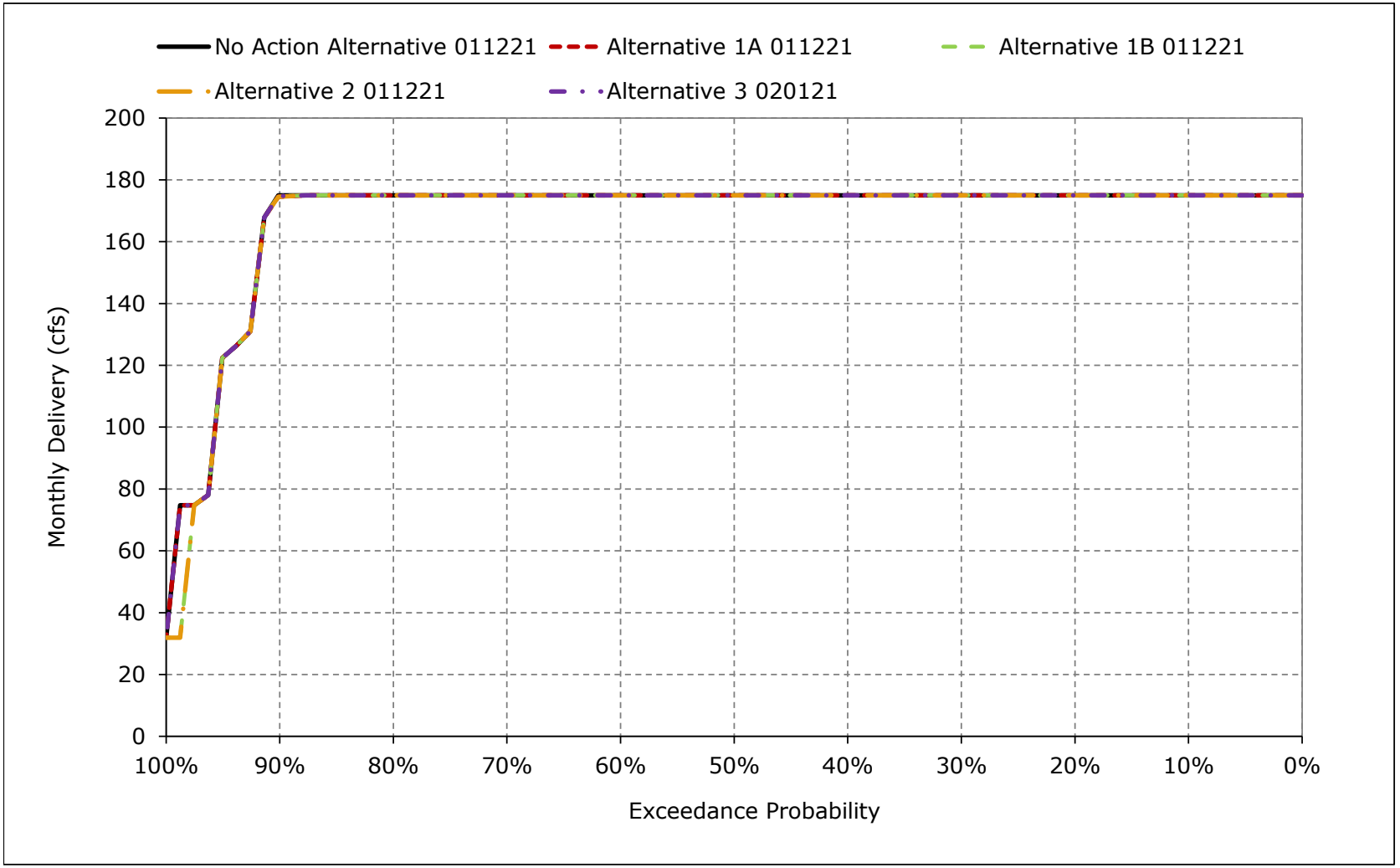


Figure 5B4-6-11. Barker Slough Pumping Plant, February

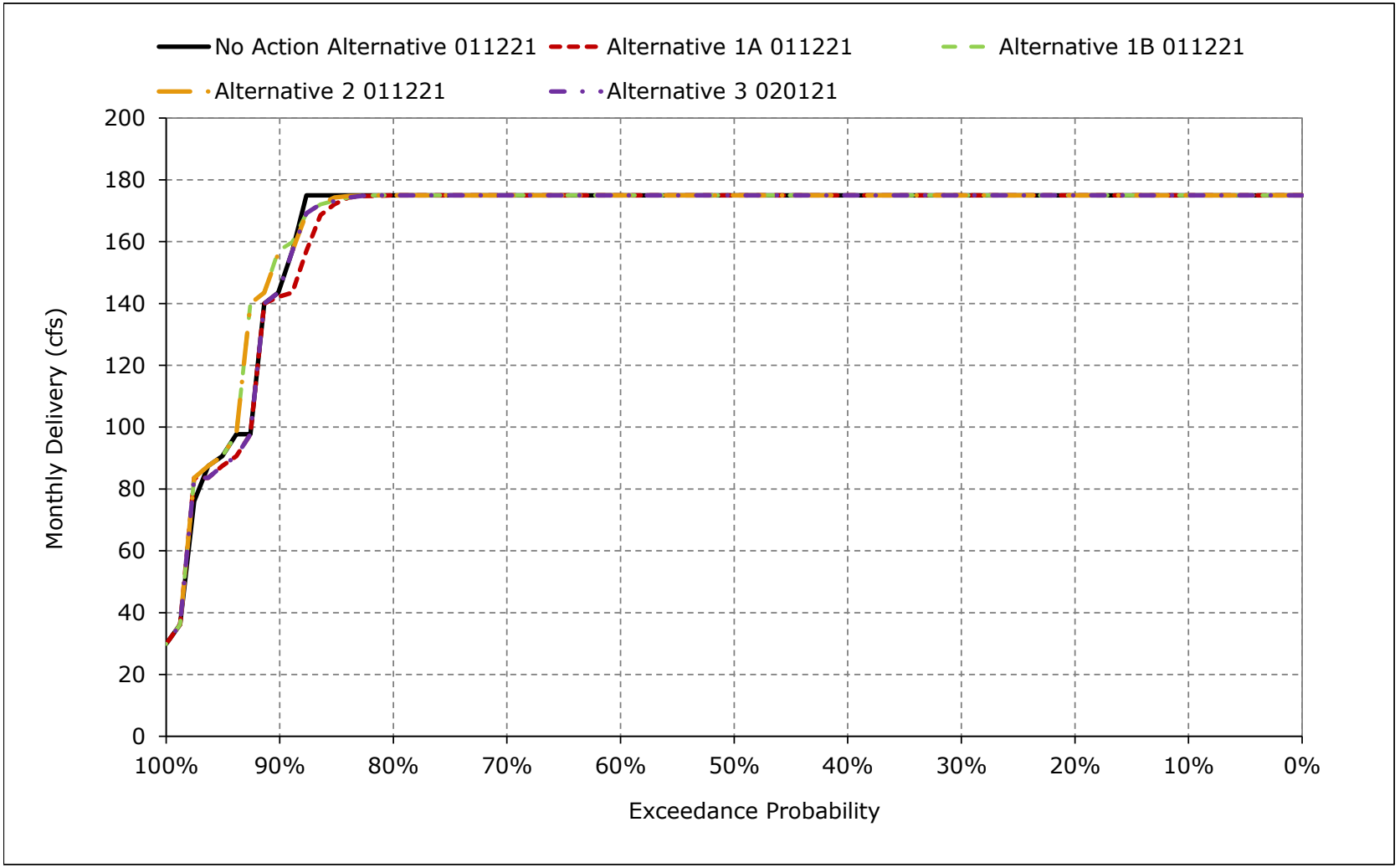


Figure 5B4-6-12. Barker Slough Pumping Plant, March

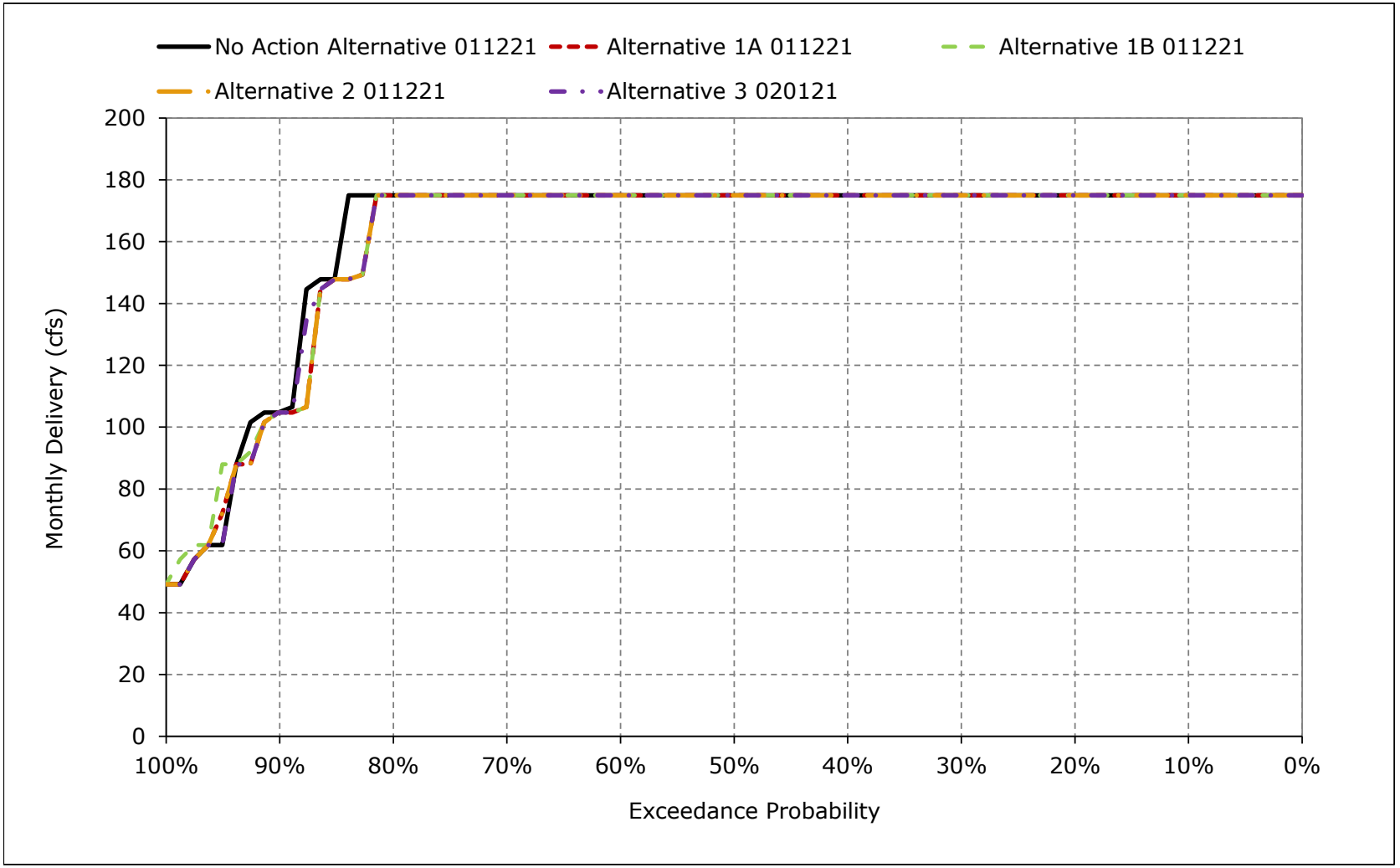


Figure 5B4-6-13. Barker Slough Pumping Plant, April

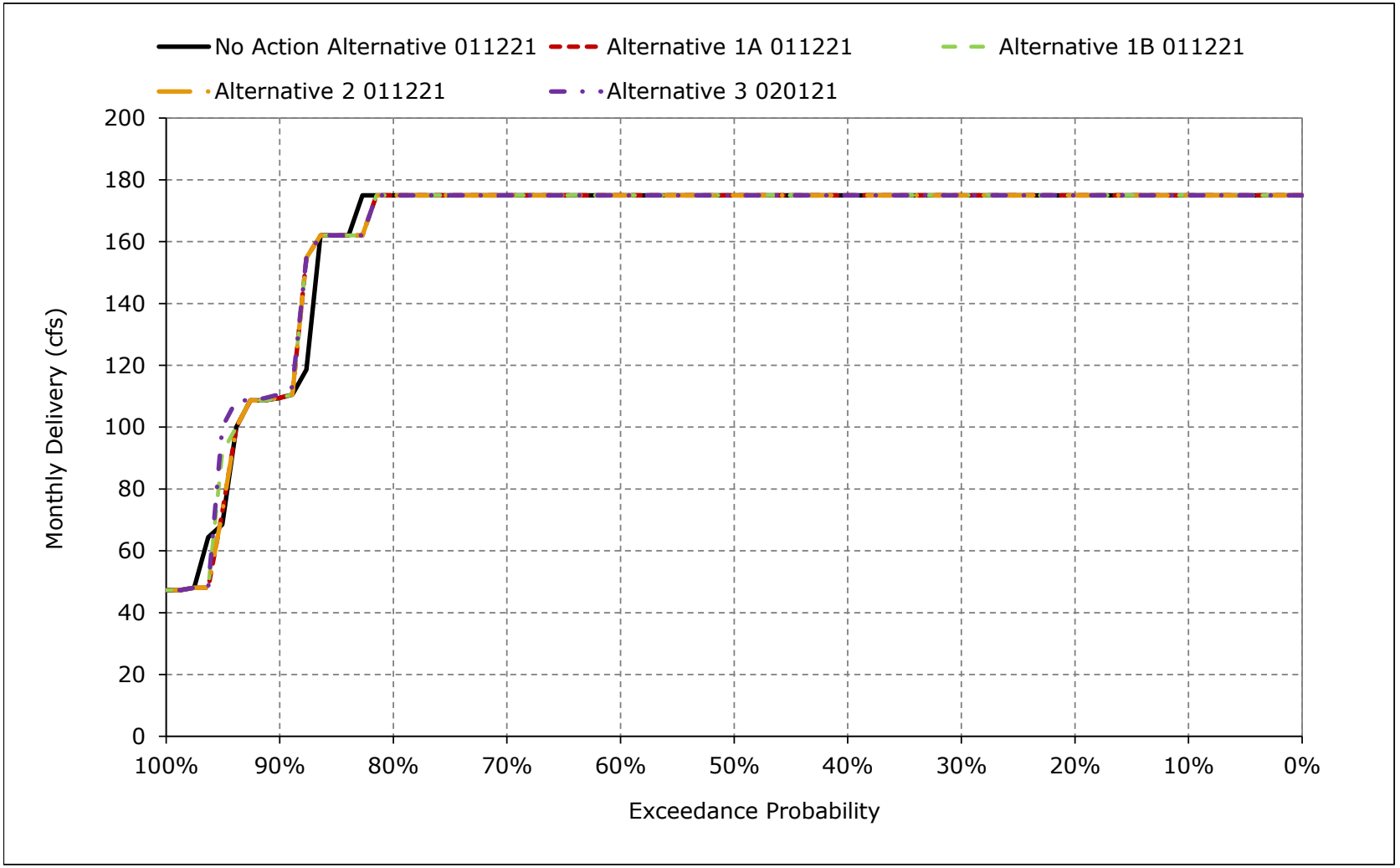


Figure 5B4-6-14. Barker Slough Pumping Plant, May

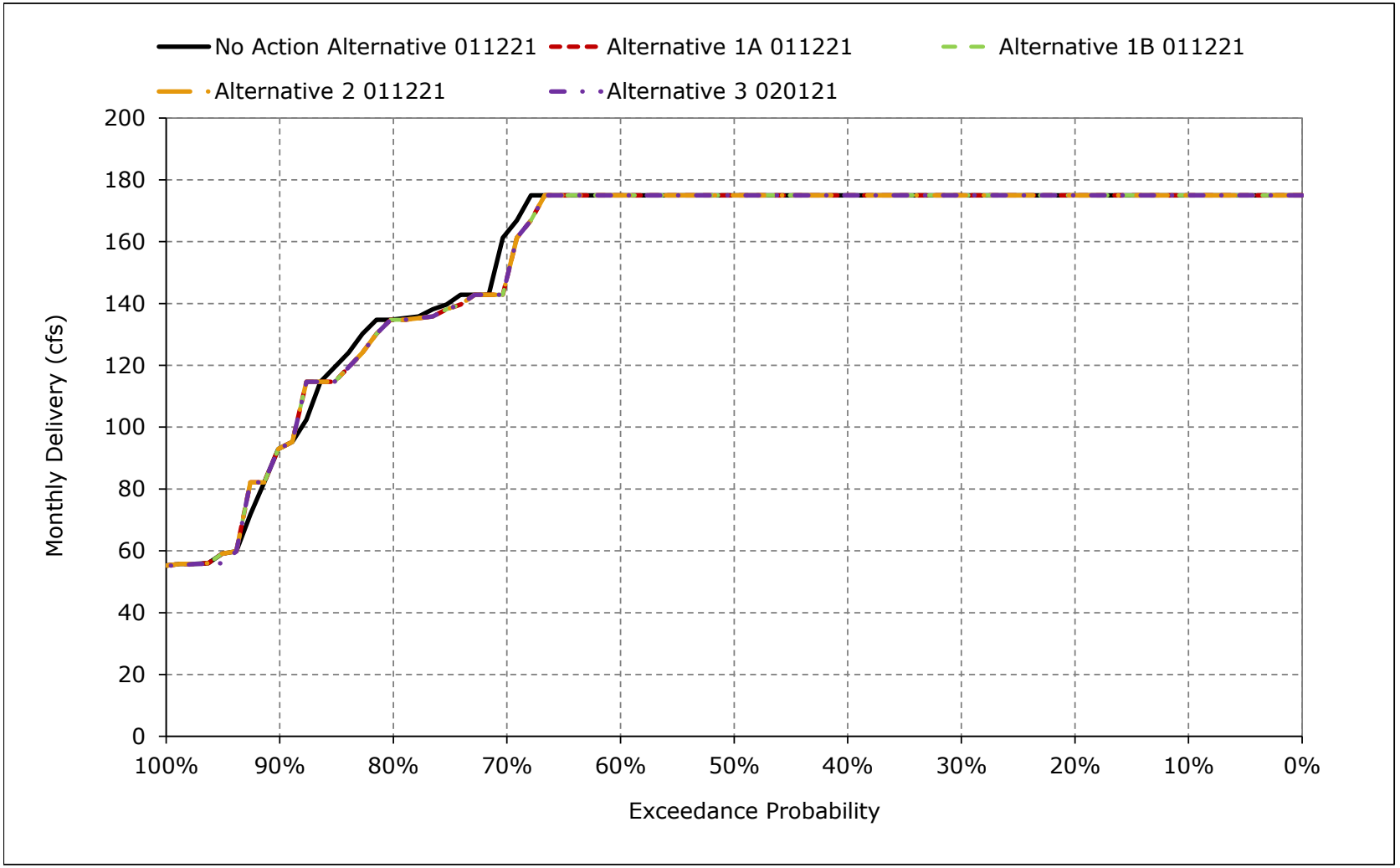


Figure 5B4-6-15. Barker Slough Pumping Plant, June

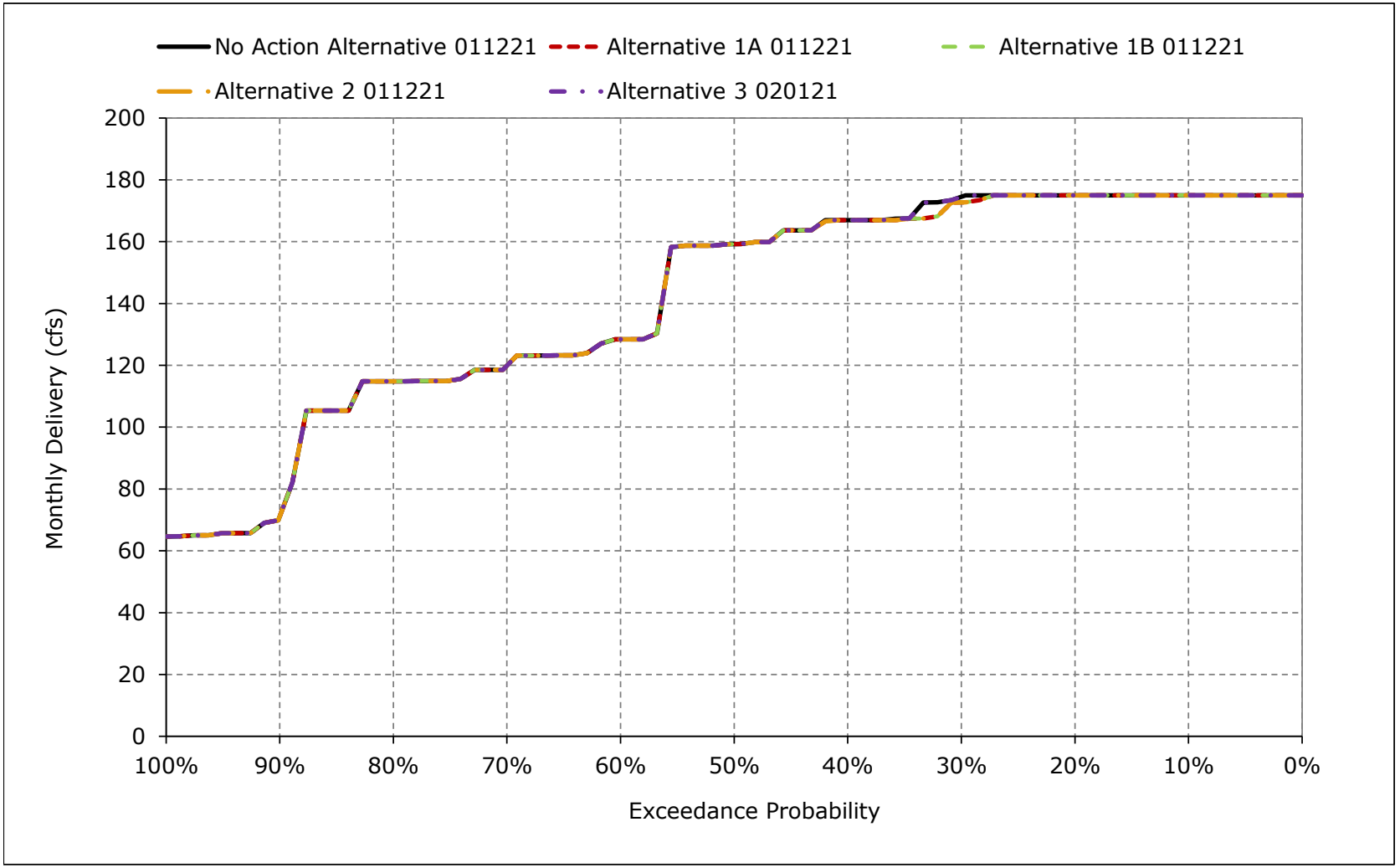


Figure 5B4-6-16. Barker Slough Pumping Plant, July

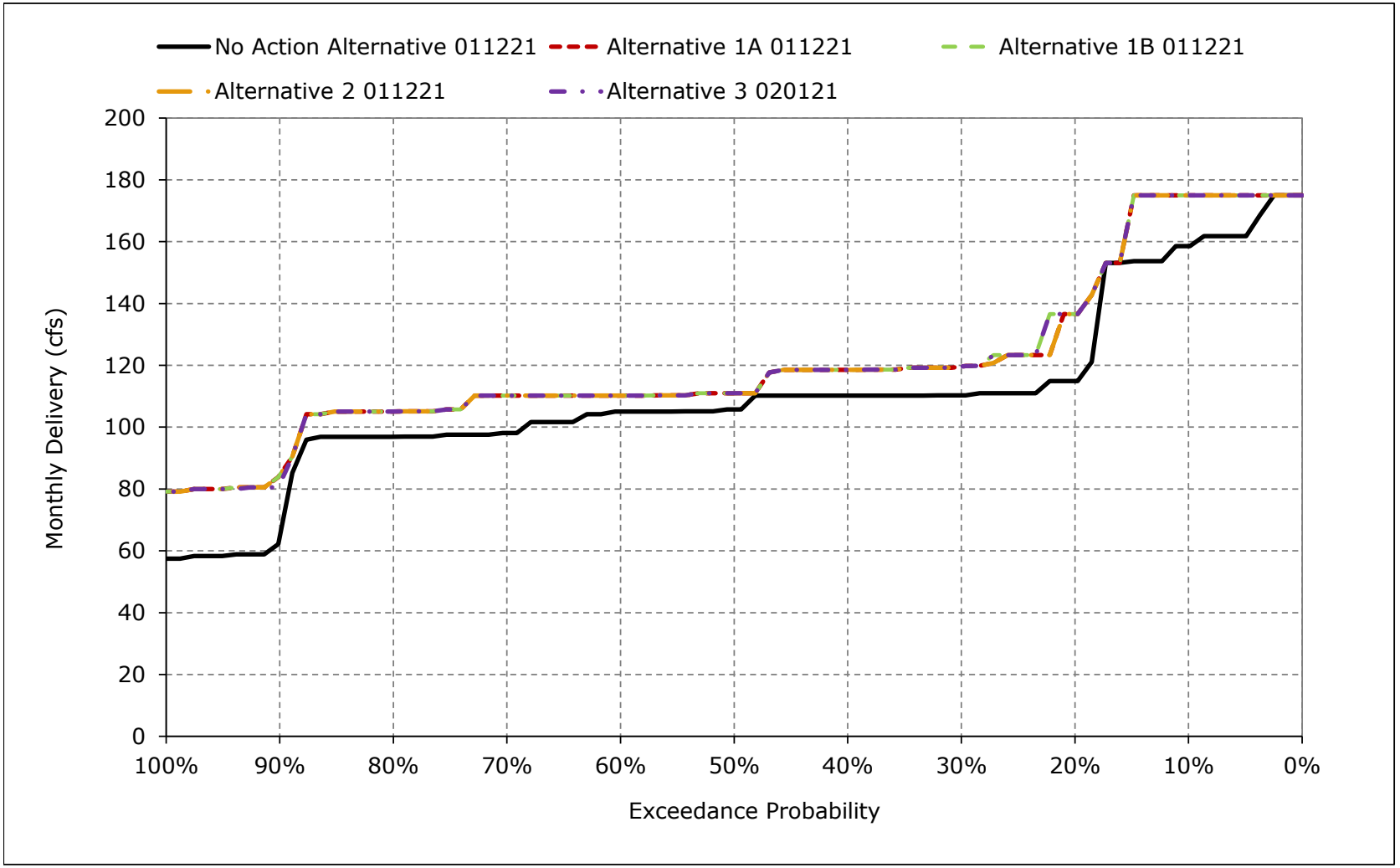


Figure 5B4-6-17. Barker Slough Pumping Plant, August

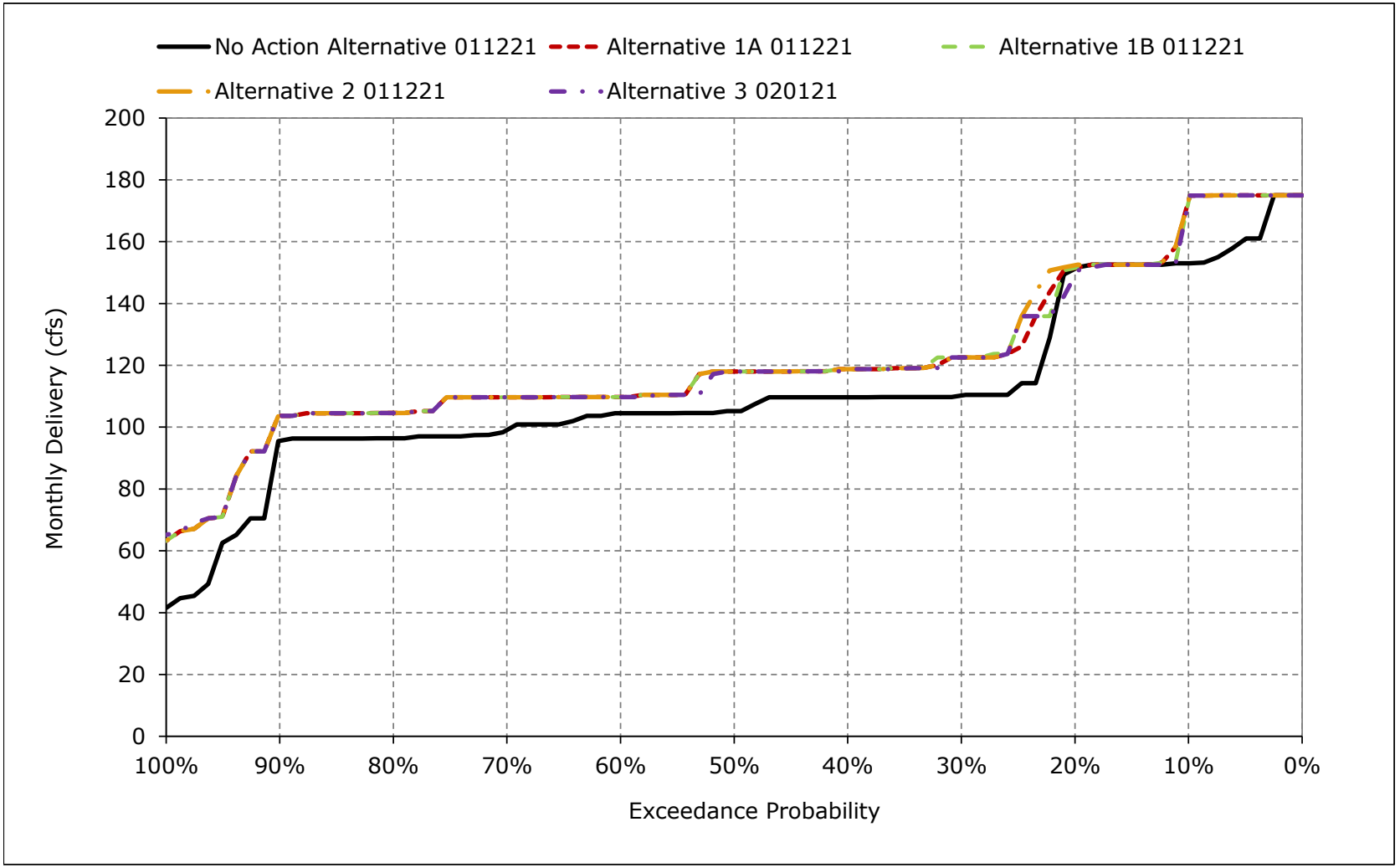


Figure 5B4-6-18. Barker Slough Pumping Plant, September

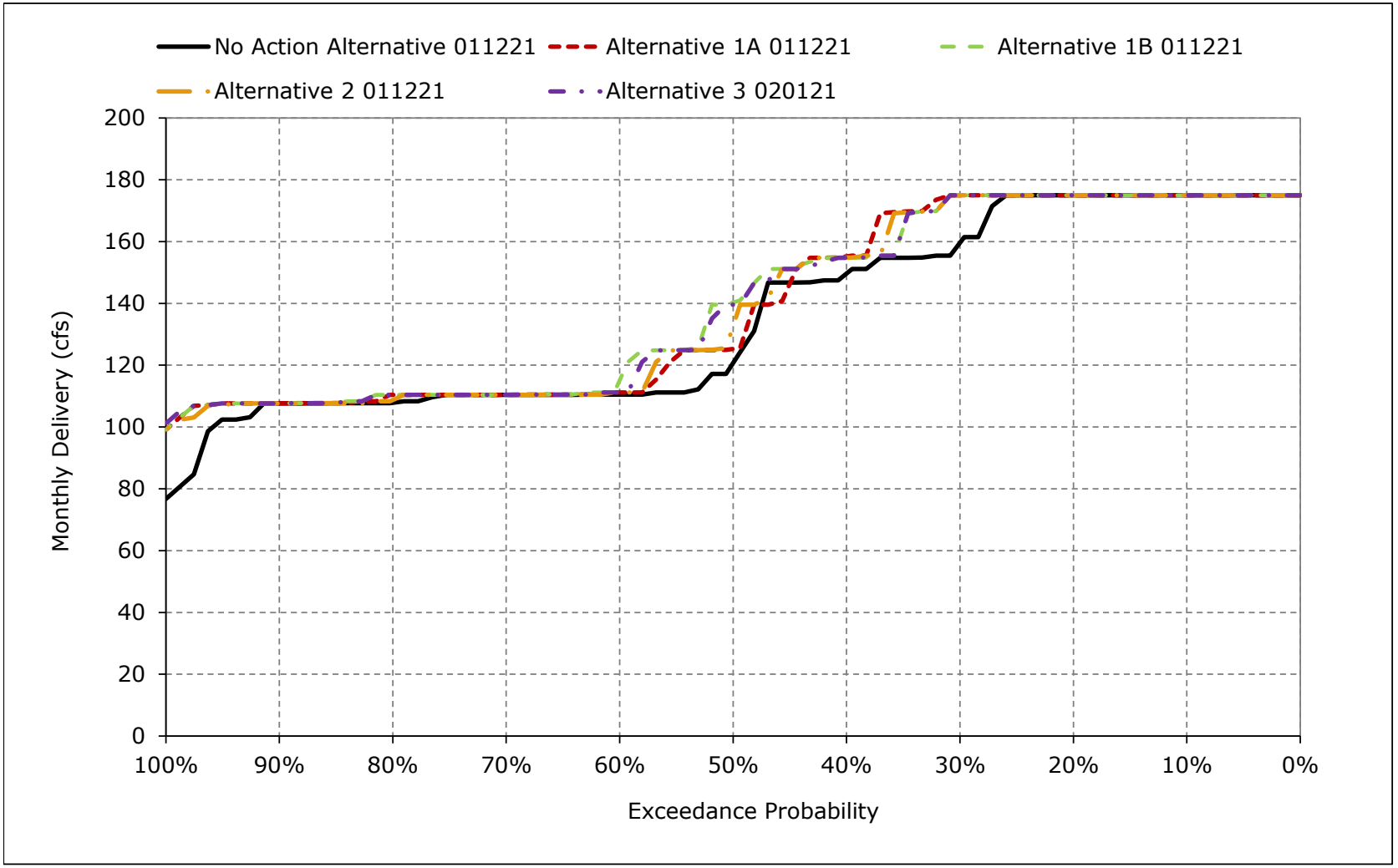


Table 5B4-7-1a. San Luis Storage (CVP and SWP), No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	1,192	1,372	1,688	1,851	2,038	2,039	2,038	2,039	1,741	1,351	1,011	1,055
20%	741	1,098	1,426	1,693	1,891	2,039	1,943	1,744	1,346	994	687	704
30%	594	923	1,288	1,564	1,797	1,964	1,870	1,566	1,129	848	561	555
40%	554	846	1,213	1,435	1,725	1,852	1,782	1,502	1,037	749	510	503
50%	507	737	1,088	1,350	1,574	1,708	1,605	1,377	936	662	456	470
60%	451	632	939	1,241	1,446	1,590	1,459	1,229	880	581	418	439
70%	365	551	862	1,106	1,346	1,478	1,370	1,150	790	536	282	328
80%	275	464	746	1,011	1,292	1,388	1,285	1,071	664	440	247	263
90%	231	374	557	868	1,163	1,272	1,164	887	544	305	178	203
Long Term												
Full Simulation Period[a]	587	814	1,111	1,362	1,572	1,683	1,599	1,395	1,024	746	519	536
Water Year Types[b,c]												
Wet (32%)	901	1,181	1,523	1,472	1,688	1,832	1,825	1,673	1,323	1,019	753	807
Above Normal (15%)	437	706	1,053	1,339	1,545	1,651	1,542	1,290	865	560	373	434
Below Normal (17%)	509	700	982	1,413	1,640	1,732	1,603	1,325	848	610	473	463
Dry (22%)	427	619	869	1,289	1,484	1,575	1,437	1,206	874	667	374	385
Critical (15%)	386	549	791	1,196	1,399	1,497	1,403	1,265	961	615	427	362

Table 5B4-7-1b. San Luis Storage (CVP and SWP), Alternative 1A 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	1,184	1,404	1,686	1,857	2,038	2,039	2,019	2,039	1,741	1,351	1,011	1,038
20%	760	1,103	1,441	1,683	1,886	2,039	1,943	1,720	1,340	986	695	703
30%	621	940	1,321	1,600	1,809	1,967	1,876	1,570	1,127	848	566	563
40%	553	866	1,223	1,489	1,720	1,844	1,770	1,505	1,024	764	513	509
50%	516	739	1,143	1,372	1,597	1,740	1,590	1,343	935	663	469	476
60%	445	631	958	1,256	1,480	1,595	1,466	1,243	885	594	389	417
70%	363	560	865	1,099	1,342	1,477	1,370	1,146	800	533	289	343
80%	259	460	711	1,010	1,294	1,366	1,282	1,078	657	437	242	264
90%	227	352	531	838	1,118	1,227	1,162	891	545	317	174	201
Long Term												
Full Simulation Period[a]	582	816	1,116	1,365	1,572	1,684	1,598	1,394	1,023	746	515	534
Water Year Types[b,c]												
Wet (32%)	900	1,181	1,524	1,471	1,687	1,833	1,825	1,672	1,323	1,018	754	809
Above Normal (15%)	447	715	1,058	1,363	1,555	1,656	1,548	1,296	870	565	377	440
Below Normal (17%)	520	739	1,030	1,413	1,632	1,724	1,594	1,317	845	607	472	464
Dry (22%)	414	605	860	1,301	1,497	1,587	1,445	1,211	874	672	366	376
Critical (15%)	357	533	773	1,176	1,378	1,485	1,393	1,256	958	613	412	353

Table 5B4-7-1c. San Luis Storage (CVP and SWP), Alternative 1A 011221 minus No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-8	32	-3	5	0	0	-19	0	-1	0	0	-17
20%	19	5	15	-11	-5	0	-1	-24	-6	-9	8	0
30%	26	17	34	36	13	3	6	4	-2	1	4	9
40%	-1	21	10	54	-5	-8	-12	2	-13	16	3	6
50%	9	2	55	23	23	32	-15	-34	0	2	13	6
60%	-6	-1	19	15	34	5	6	14	5	13	-30	-22
70%	-2	9	3	-6	-4	-1	0	-4	11	-3	7	15
80%	-16	-3	-34	-1	2	-22	-3	7	-7	-3	-5	0
90%	-5	-22	-26	-30	-46	-45	-2	4	1	12	-4	-2
Long Term												
Full Simulation Period[a]	-4	2	4	3	0	1	0	-1	0	1	-3	-2
Water Year Types[b,c]												
Wet (32%)	-1	-1	1	-1	-1	1	-1	0	0	0	1	1
Above Normal (15%)	9	8	5	24	10	6	6	6	4	4	3	6
Below Normal (17%)	11	39	48	0	-7	-8	-9	-8	-3	-3	-1	1
Dry (22%)	-13	-14	-9	13	13	13	9	5	0	5	-8	-10
Critical (15%)	-28	-16	-19	-20	-21	-12	-10	-9	-3	-2	-15	-9

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-7-2a. San Luis Storage (CVP and SWP), No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	1,192	1,372	1,688	1,851	2,038	2,039	2,038	2,039	1,741	1,351	1,011	1,055
20%	741	1,098	1,426	1,693	1,891	2,039	1,943	1,744	1,346	994	687	704
30%	594	923	1,288	1,564	1,797	1,964	1,870	1,566	1,129	848	561	555
40%	554	846	1,213	1,435	1,725	1,852	1,782	1,502	1,037	749	510	503
50%	507	737	1,088	1,350	1,574	1,708	1,605	1,377	936	662	456	470
60%	451	632	939	1,241	1,446	1,590	1,459	1,229	880	581	418	439
70%	365	551	862	1,106	1,346	1,478	1,370	1,150	790	536	282	328
80%	275	464	746	1,011	1,292	1,388	1,285	1,071	664	440	247	263
90%	231	374	557	868	1,163	1,272	1,164	887	544	305	178	203
Long Term												
Full Simulation Period[a]	587	814	1,111	1,362	1,572	1,683	1,599	1,395	1,024	746	519	536
Water Year Types[b,c]												
Wet (32%)	901	1,181	1,523	1,472	1,688	1,832	1,825	1,673	1,323	1,019	753	807
Above Normal (15%)	437	706	1,053	1,339	1,545	1,651	1,542	1,290	865	560	373	434
Below Normal (17%)	509	700	982	1,413	1,640	1,732	1,603	1,325	848	610	473	463
Dry (22%)	427	619	869	1,289	1,484	1,575	1,437	1,206	874	667	374	385
Critical (15%)	386	549	791	1,196	1,399	1,497	1,403	1,265	961	615	427	362

Table 5B4-7-2b. San Luis Storage (CVP and SWP), Alternative 1B 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	1,186	1,404	1,684	1,855	2,038	2,039	2,009	2,039	1,741	1,351	1,012	1,042
20%	764	1,110	1,446	1,694	1,888	2,039	1,943	1,718	1,340	986	710	703
30%	625	947	1,330	1,623	1,827	1,972	1,887	1,569	1,131	863	567	547
40%	572	871	1,215	1,477	1,690	1,850	1,773	1,508	1,018	764	512	510
50%	521	757	1,109	1,364	1,600	1,729	1,589	1,335	946	663	466	481
60%	446	657	941	1,256	1,479	1,595	1,454	1,247	888	595	388	415
70%	362	562	862	1,106	1,341	1,483	1,376	1,148	800	536	292	343
80%	259	460	713	1,007	1,299	1,391	1,299	1,082	665	436	238	267
90%	230	353	547	862	1,118	1,234	1,168	891	544	318	175	201
Long Term												
Full Simulation Period[a]	585	822	1,115	1,366	1,573	1,684	1,600	1,395	1,024	747	515	535
Water Year Types[b,c]												
Wet (32%)	900	1,181	1,523	1,474	1,692	1,836	1,826	1,674	1,324	1,019	754	808
Above Normal (15%)	456	725	1,070	1,354	1,546	1,649	1,543	1,294	869	565	377	444
Below Normal (17%)	523	740	1,033	1,422	1,641	1,729	1,600	1,322	848	609	473	470
Dry (22%)	420	629	846	1,295	1,491	1,582	1,441	1,206	870	671	366	378
Critical (15%)	354	529	773	1,185	1,388	1,494	1,402	1,264	962	613	410	349

Table 5B4-7-2c. San Luis Storage (CVP and SWP), Alternative 1B 011221 minus No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-6	32	-4	3	0	0	-28	0	-1	1	1	-13
20%	23	12	20	0	-2	0	-1	-26	-6	-8	22	0
30%	31	24	42	59	31	8	17	3	3	15	5	-8
40%	19	25	2	43	-35	-2	-9	6	-19	15	2	7
50%	14	20	21	15	26	21	-16	-42	10	1	10	12
60%	-5	25	2	16	33	5	-5	18	8	14	-30	-24
70%	-3	11	1	0	-5	5	5	-2	10	0	10	15
80%	-16	-3	-33	-4	8	3	15	11	1	-3	-9	4
90%	-1	-21	-10	-6	-46	-38	4	4	0	13	-3	-2
Long Term												
Full Simulation Period[a]	-1	9	3	4	1	1	1	0	0	1	-3	-1
Water Year Types[b,c]												
Wet (32%)	-1	-1	0	2	4	3	1	1	1	0	1	1
Above Normal (15%)	19	19	17	15	1	-1	1	4	4	5	3	10
Below Normal (17%)	14	40	51	9	1	-3	-3	-3	-1	-1	0	7
Dry (22%)	-7	10	-24	7	7	7	4	0	-3	4	-8	-8
Critical (15%)	-31	-20	-19	-11	-12	-3	-2	-2	1	-1	-17	-14

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-7-3a. San Luis Storage (CVP and SWP), No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	1,192	1,372	1,688	1,851	2,038	2,039	2,038	2,039	1,741	1,351	1,011	1,055
20%	741	1,098	1,426	1,693	1,891	2,039	1,943	1,744	1,346	994	687	704
30%	594	923	1,288	1,564	1,797	1,964	1,870	1,566	1,129	848	561	555
40%	554	846	1,213	1,435	1,725	1,852	1,782	1,502	1,037	749	510	503
50%	507	737	1,088	1,350	1,574	1,708	1,605	1,377	936	662	456	470
60%	451	632	939	1,241	1,446	1,590	1,459	1,229	880	581	418	439
70%	365	551	862	1,106	1,346	1,478	1,370	1,150	790	536	282	328
80%	275	464	746	1,011	1,292	1,388	1,285	1,071	664	440	247	263
90%	231	374	557	868	1,163	1,272	1,164	887	544	305	178	203
Long Term												
Full Simulation Period[a]	587	814	1,111	1,362	1,572	1,683	1,599	1,395	1,024	746	519	536
Water Year Types[b,c]												
Wet (32%)	901	1,181	1,523	1,472	1,688	1,832	1,825	1,673	1,323	1,019	753	807
Above Normal (15%)	437	706	1,053	1,339	1,545	1,651	1,542	1,290	865	560	373	434
Below Normal (17%)	509	700	982	1,413	1,640	1,732	1,603	1,325	848	610	473	463
Dry (22%)	427	619	869	1,289	1,484	1,575	1,437	1,206	874	667	374	385
Critical (15%)	386	549	791	1,196	1,399	1,497	1,403	1,265	961	615	427	362

Table 5B4-7-3b. San Luis Storage (CVP and SWP), Alternative 2 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	1,184	1,404	1,687	1,856	2,037	2,039	2,010	2,039	1,741	1,351	1,012	1,039
20%	760	1,084	1,441	1,684	1,886	2,039	1,943	1,718	1,340	986	700	703
30%	624	940	1,321	1,600	1,811	1,967	1,880	1,570	1,127	848	566	559
40%	558	870	1,223	1,487	1,718	1,844	1,769	1,505	1,024	784	511	509
50%	516	739	1,132	1,372	1,612	1,731	1,591	1,344	946	663	466	475
60%	440	632	958	1,256	1,480	1,595	1,466	1,245	895	598	389	418
70%	361	560	868	1,097	1,344	1,478	1,371	1,147	800	534	289	343
80%	259	460	720	1,010	1,295	1,385	1,290	1,078	657	437	239	260
90%	227	353	546	852	1,119	1,227	1,162	891	534	317	173	201
Long Term												
Full Simulation Period[a]	583	817	1,117	1,365	1,572	1,685	1,599	1,396	1,024	747	515	534
Water Year Types[b,c]												
Wet (32%)	901	1,182	1,524	1,472	1,689	1,834	1,826	1,673	1,324	1,019	754	809
Above Normal (15%)	447	716	1,060	1,361	1,553	1,657	1,547	1,296	869	565	376	439
Below Normal (17%)	519	735	1,028	1,418	1,637	1,728	1,599	1,323	851	613	474	466
Dry (22%)	414	608	865	1,298	1,495	1,585	1,443	1,209	872	669	365	375
Critical (15%)	358	533	774	1,176	1,379	1,488	1,396	1,259	960	613	411	351

Table 5B4-7-3c. San Luis Storage (CVP and SWP), Alternative 2 011221 minus No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-8	32	-2	4	-1	0	-28	0	-1	1	1	-16
20%	19	-14	15	-9	-5	0	-1	-26	-6	-8	13	0
30%	29	17	33	36	14	3	10	4	-2	1	5	5
40%	4	24	10	53	-7	-8	-12	3	-13	35	1	6
50%	9	2	43	23	38	23	-14	-34	11	1	10	6
60%	-11	0	19	15	35	5	6	16	15	17	-30	-21
70%	-4	9	6	-9	-2	0	1	-4	11	-2	6	15
80%	-17	-3	-26	-1	3	-2	5	7	-7	-2	-8	-3
90%	-5	-21	-11	-16	-44	-45	-2	4	-10	12	-5	-2
Long Term												
Full Simulation Period[a]	-4	3	6	3	0	2	1	0	1	1	-3	-2
Water Year Types[b,c]												
Wet (32%)	0	1	1	0	1	2	0	0	0	0	1	1
Above Normal (15%)	10	9	6	23	8	6	6	7	4	4	3	6
Below Normal (17%)	10	35	46	5	-3	-4	-4	-2	2	3	1	3
Dry (22%)	-13	-10	-5	9	11	11	7	3	-1	2	-9	-10
Critical (15%)	-27	-15	-18	-20	-21	-9	-7	-6	-1	-2	-16	-12

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-7-4a. San Luis Storage (CVP and SWP), No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	1,192	1,372	1,688	1,851	2,038	2,039	2,038	2,039	1,741	1,351	1,011	1,055
20%	741	1,098	1,426	1,693	1,891	2,039	1,943	1,744	1,346	994	687	704
30%	594	923	1,288	1,564	1,797	1,964	1,870	1,566	1,129	848	561	555
40%	554	846	1,213	1,435	1,725	1,852	1,782	1,502	1,037	749	510	503
50%	507	737	1,088	1,350	1,574	1,708	1,605	1,377	936	662	456	470
60%	451	632	939	1,241	1,446	1,590	1,459	1,229	880	581	418	439
70%	365	551	862	1,106	1,346	1,478	1,370	1,150	790	536	282	328
80%	275	464	746	1,011	1,292	1,388	1,285	1,071	664	440	247	263
90%	231	374	557	868	1,163	1,272	1,164	887	544	305	178	203
Long Term												
Full Simulation Period[a]	587	814	1,111	1,362	1,572	1,683	1,599	1,395	1,024	746	519	536
Water Year Types[b,c]												
Wet (32%)	901	1,181	1,523	1,472	1,688	1,832	1,825	1,673	1,323	1,019	753	807
Above Normal (15%)	437	706	1,053	1,339	1,545	1,651	1,542	1,290	865	560	373	434
Below Normal (17%)	509	700	982	1,413	1,640	1,732	1,603	1,325	848	610	473	463
Dry (22%)	427	619	869	1,289	1,484	1,575	1,437	1,206	874	667	374	385
Critical (15%)	386	549	791	1,196	1,399	1,497	1,403	1,265	961	615	427	362

Table 5B4-7-4b. San Luis Storage (CVP and SWP), Alternative 3 020121, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	1,190	1,460	1,692	1,855	2,039	2,039	2,009	2,039	1,741	1,351	1,012	1,042
20%	742	1,158	1,482	1,721	1,923	2,039	1,936	1,718	1,343	986	688	662
30%	642	972	1,375	1,631	1,824	1,959	1,877	1,584	1,137	865	557	555
40%	575	870	1,264	1,531	1,707	1,860	1,781	1,522	1,011	772	508	518
50%	533	746	1,163	1,371	1,611	1,740	1,631	1,361	949	664	467	501
60%	445	656	964	1,257	1,480	1,601	1,497	1,258	905	594	407	415
70%	376	563	834	1,108	1,351	1,481	1,357	1,139	794	534	285	330
80%	271	467	730	1,023	1,311	1,356	1,273	1,068	669	448	240	266
90%	225	372	575	862	1,124	1,242	1,178	917	540	314	175	203
Long Term												
Full Simulation Period[a]	593	829	1,134	1,380	1,586	1,690	1,605	1,399	1,025	748	516	538
Water Year Types[b,c]												
Wet (32%)	894	1,174	1,518	1,477	1,694	1,835	1,826	1,668	1,319	1,014	749	802
Above Normal (15%)	482	750	1,096	1,363	1,560	1,659	1,550	1,299	873	569	363	443
Below Normal (17%)	543	754	1,045	1,463	1,681	1,751	1,623	1,345	867	628	486	486
Dry (22%)	433	639	918	1,311	1,501	1,589	1,447	1,213	875	673	371	383
Critical (15%)	354	530	769	1,197	1,393	1,490	1,399	1,258	954	605	418	357

Table 5B4-7-4c. San Luis Storage (CVP and SWP), Alternative 3 020121 minus No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-2	88	4	3	1	0	-29	0	-1	1	1	-12
20%	1	60	56	28	32	0	-8	-26	-3	-8	0	-42
30%	47	49	87	67	27	-5	7	18	9	17	-5	0
40%	21	24	51	96	-18	7	-1	19	-25	24	-2	16
50%	26	9	74	21	37	33	25	-16	14	2	11	31
60%	-6	24	25	16	34	11	38	29	24	13	-11	-23
70%	11	12	-28	3	5	3	-14	-11	5	-2	3	2
80%	-4	3	-16	12	19	-32	-12	-3	5	9	-7	3
90%	-6	-2	19	-6	-40	-30	14	30	-4	10	-4	1
Long Term												
Full Simulation Period[a]	7	15	23	19	14	7	7	4	2	3	-3	2
Water Year Types[b,c]												
Wet (32%)	-7	-7	-5	5	6	2	1	-5	-5	-5	-5	-5
Above Normal (15%)	45	43	43	24	15	8	8	10	7	9	-10	10
Below Normal (17%)	34	54	63	50	41	19	20	21	19	17	13	23
Dry (22%)	6	20	49	22	17	14	10	7	1	6	-3	-3
Critical (15%)	-32	-19	-22	0	-7	-7	-4	-8	-8	-10	-9	-5

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Figure 5B4-7-1. San Luis Storage (CVP and SWP), October

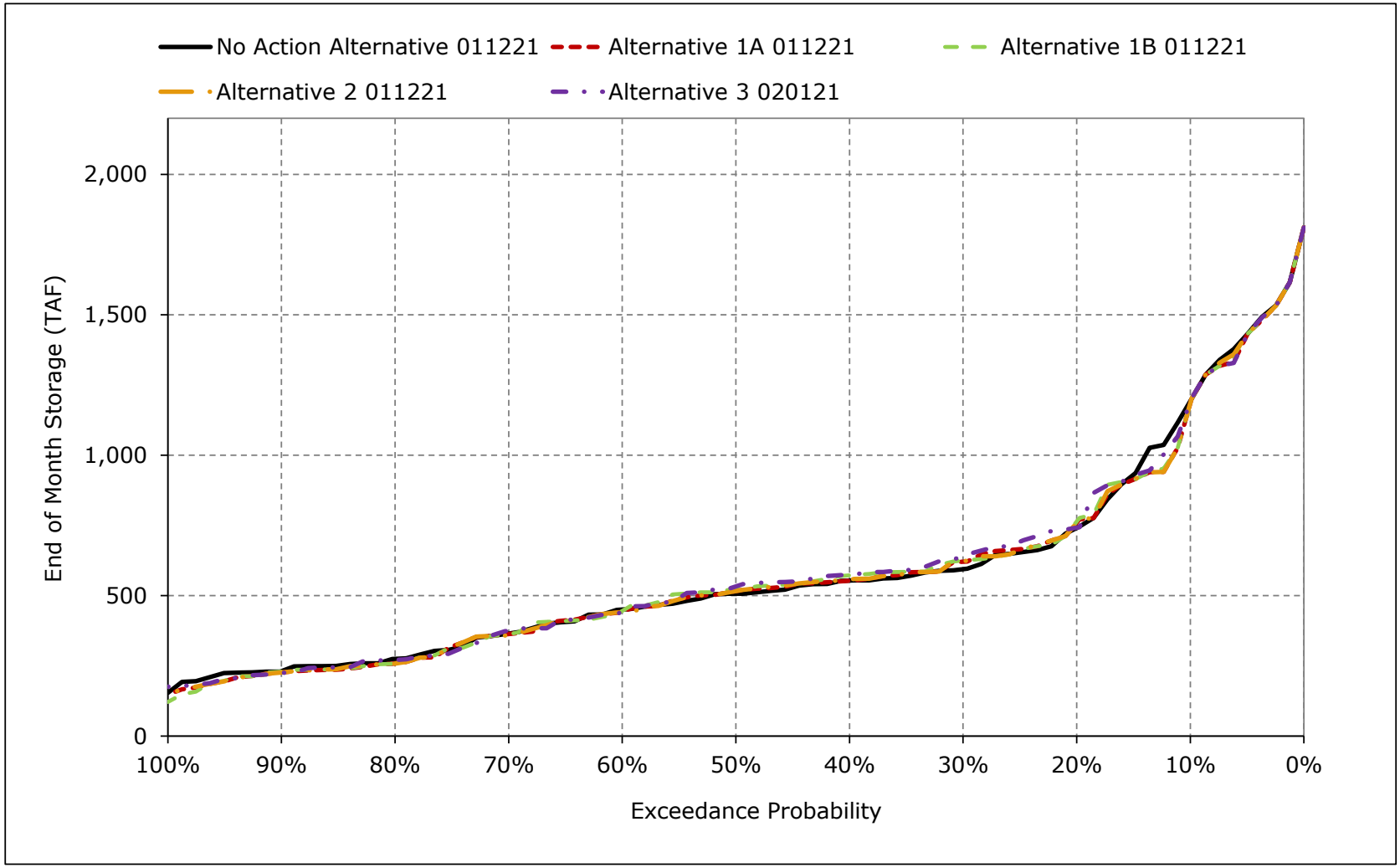


Figure 5B4-7-2. San Luis Storage (CVP and SWP), November

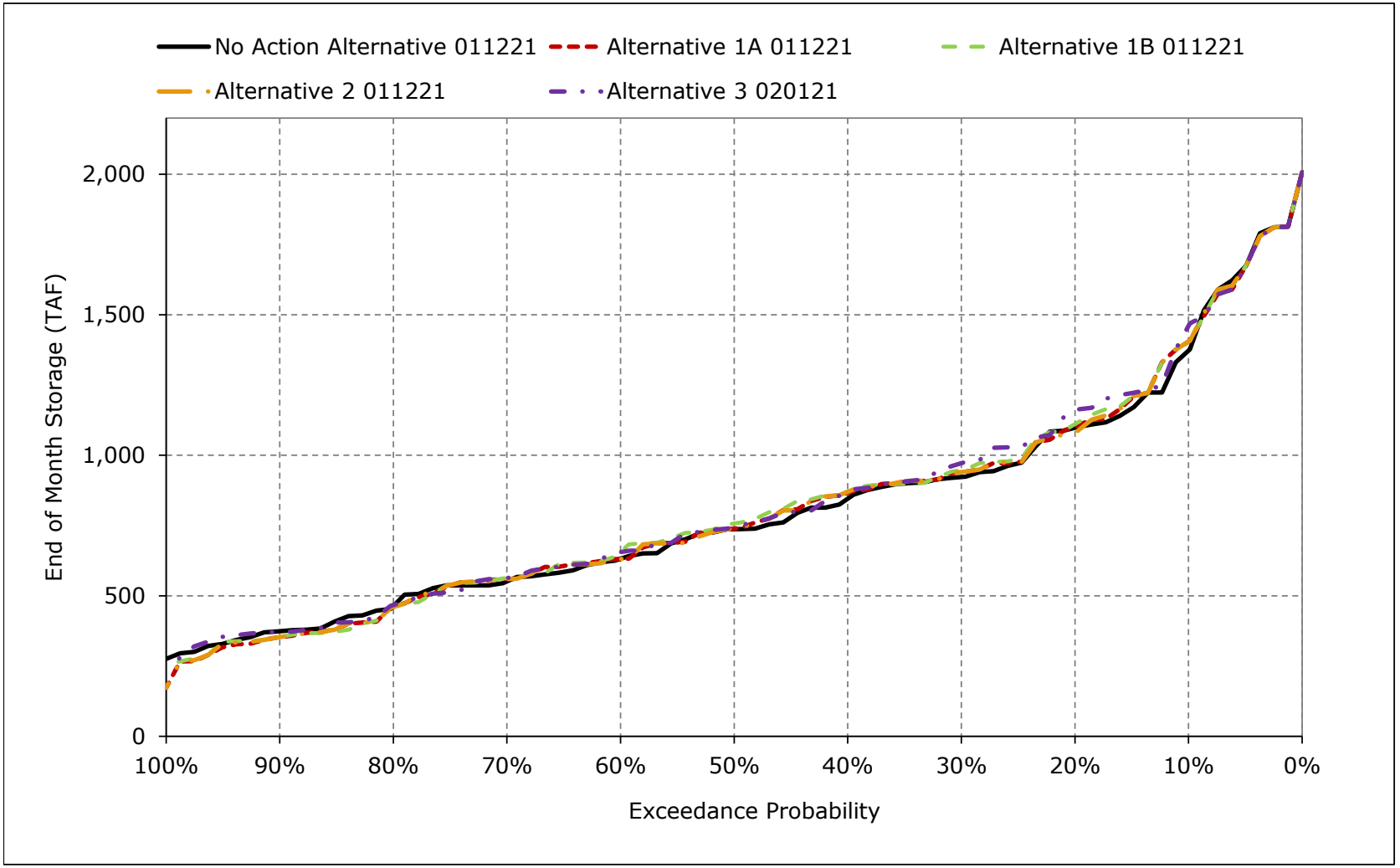


Figure 5B4-7-3. San Luis Storage (CVP and SWP), December

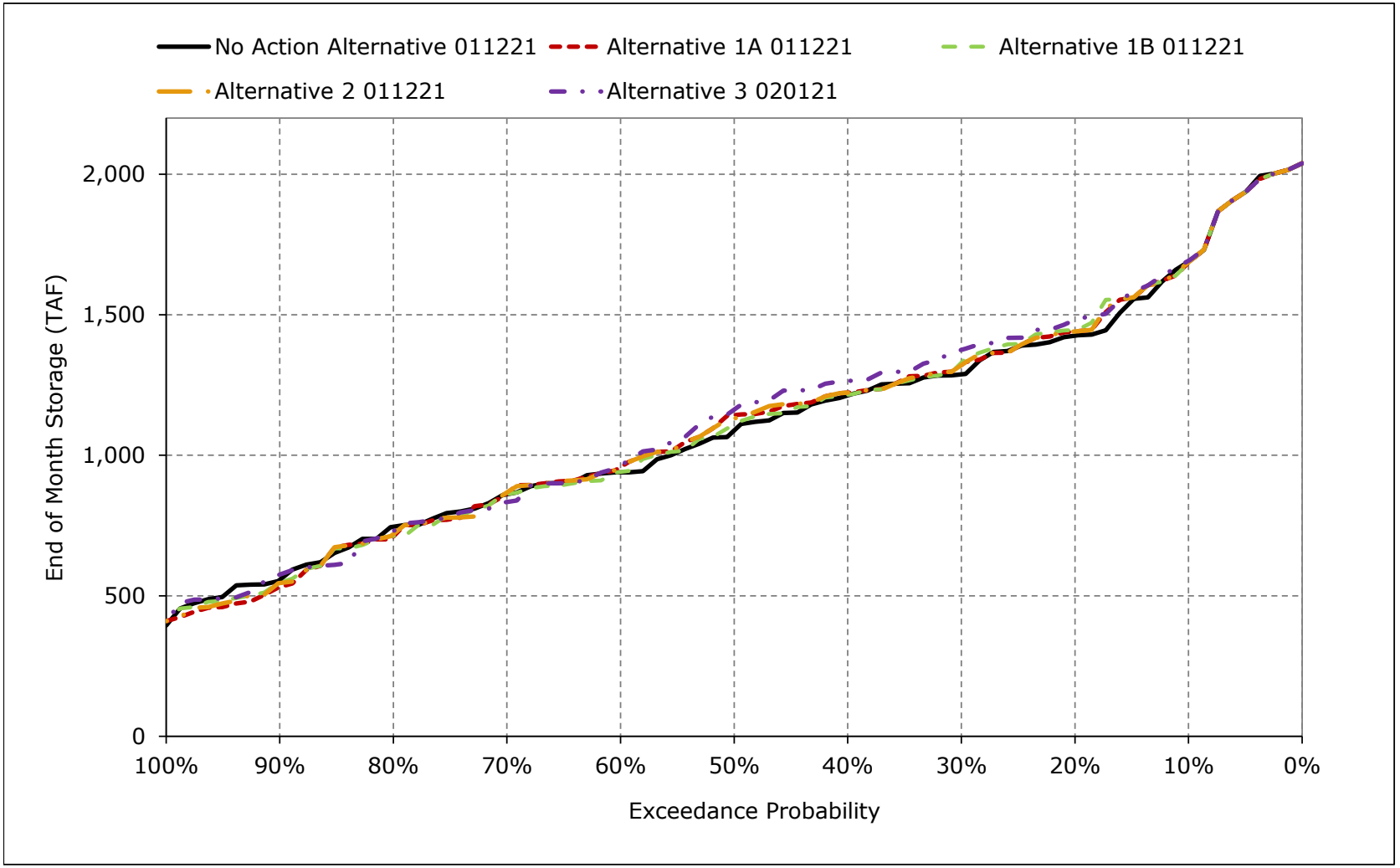


Figure 5B4-7-4. San Luis Storage (CVP and SWP), January

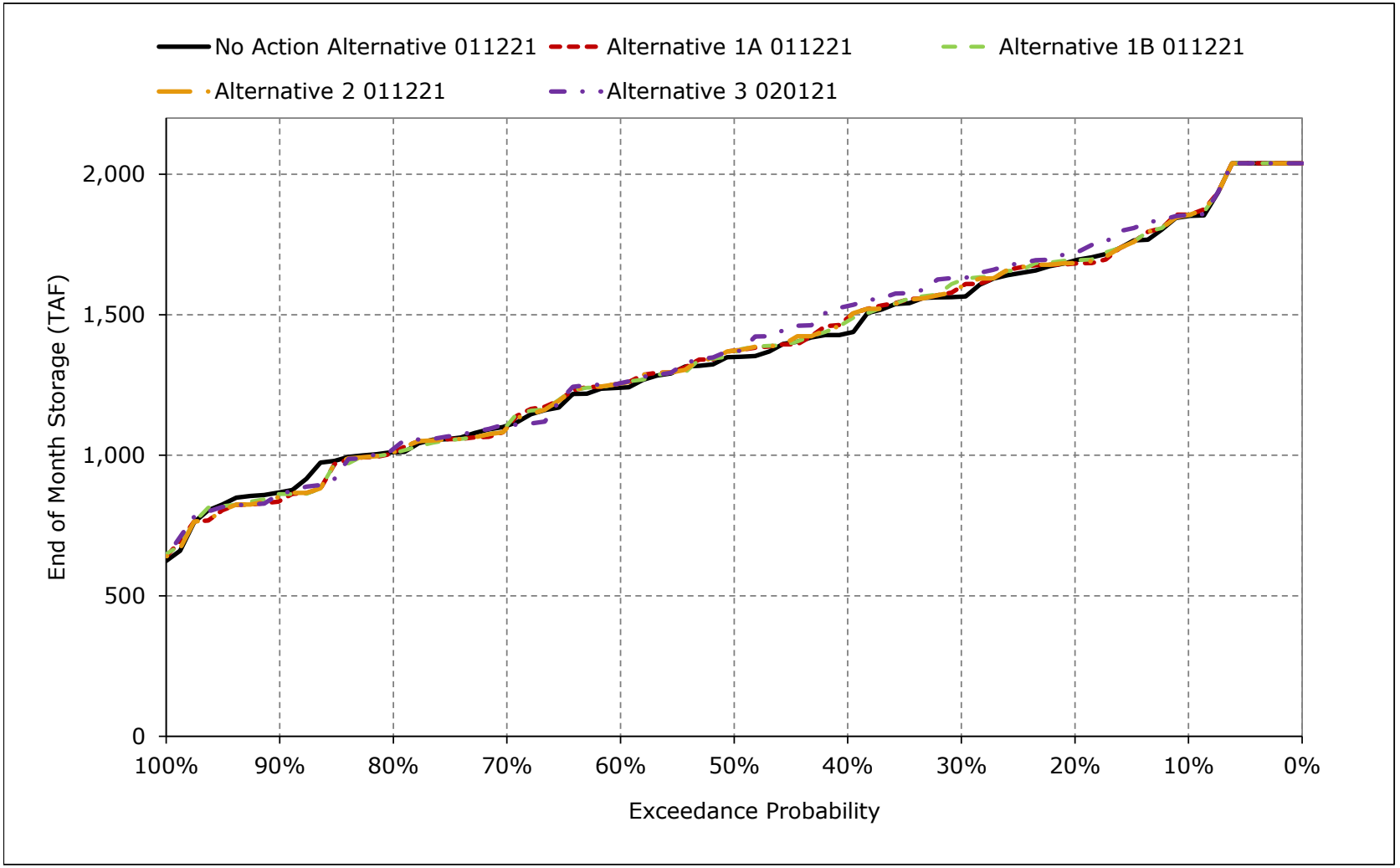


Figure 5B4-7-5. San Luis Storage (CVP and SWP), February

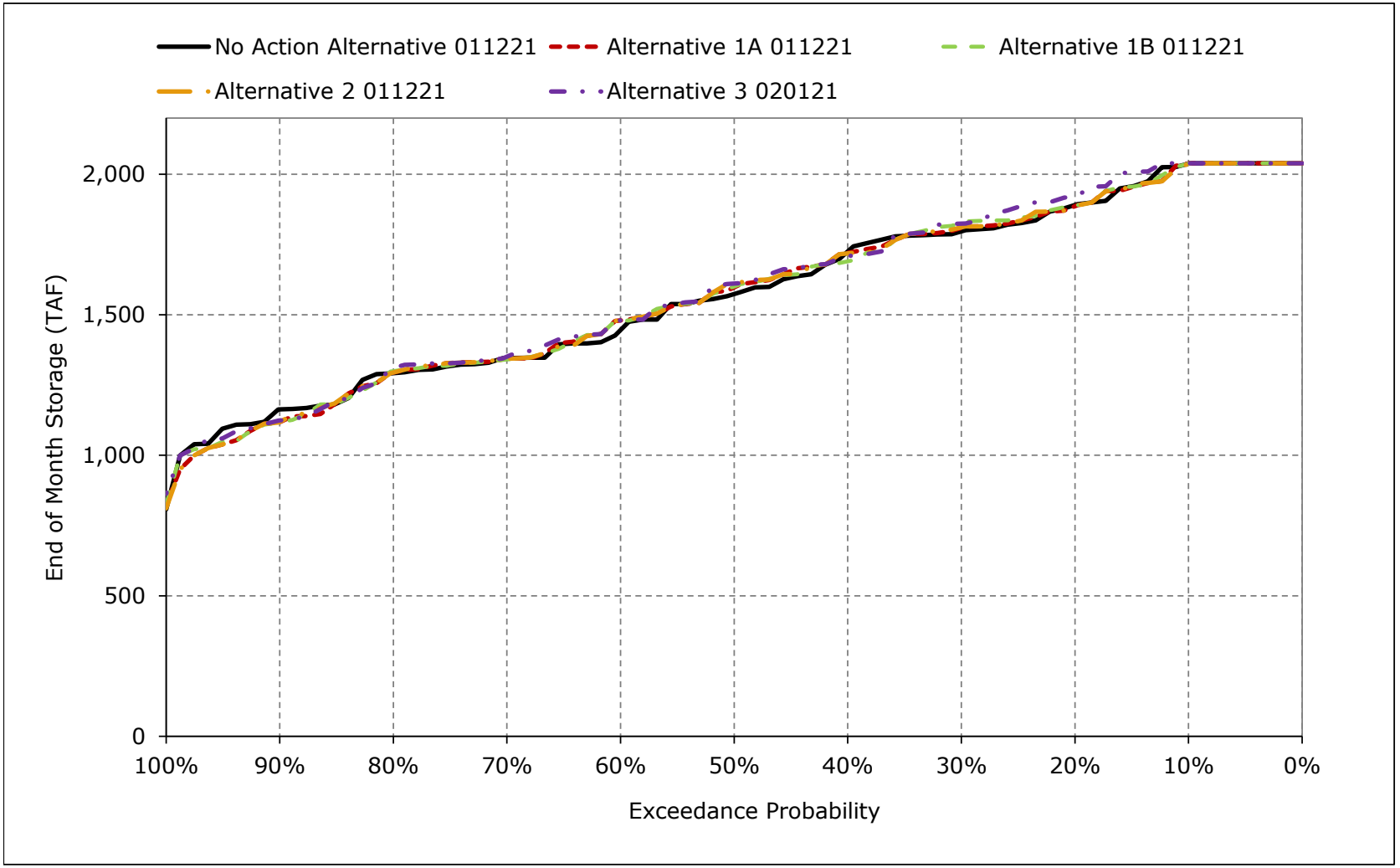


Figure 5B4-7-6. San Luis Storage (CVP and SWP), March

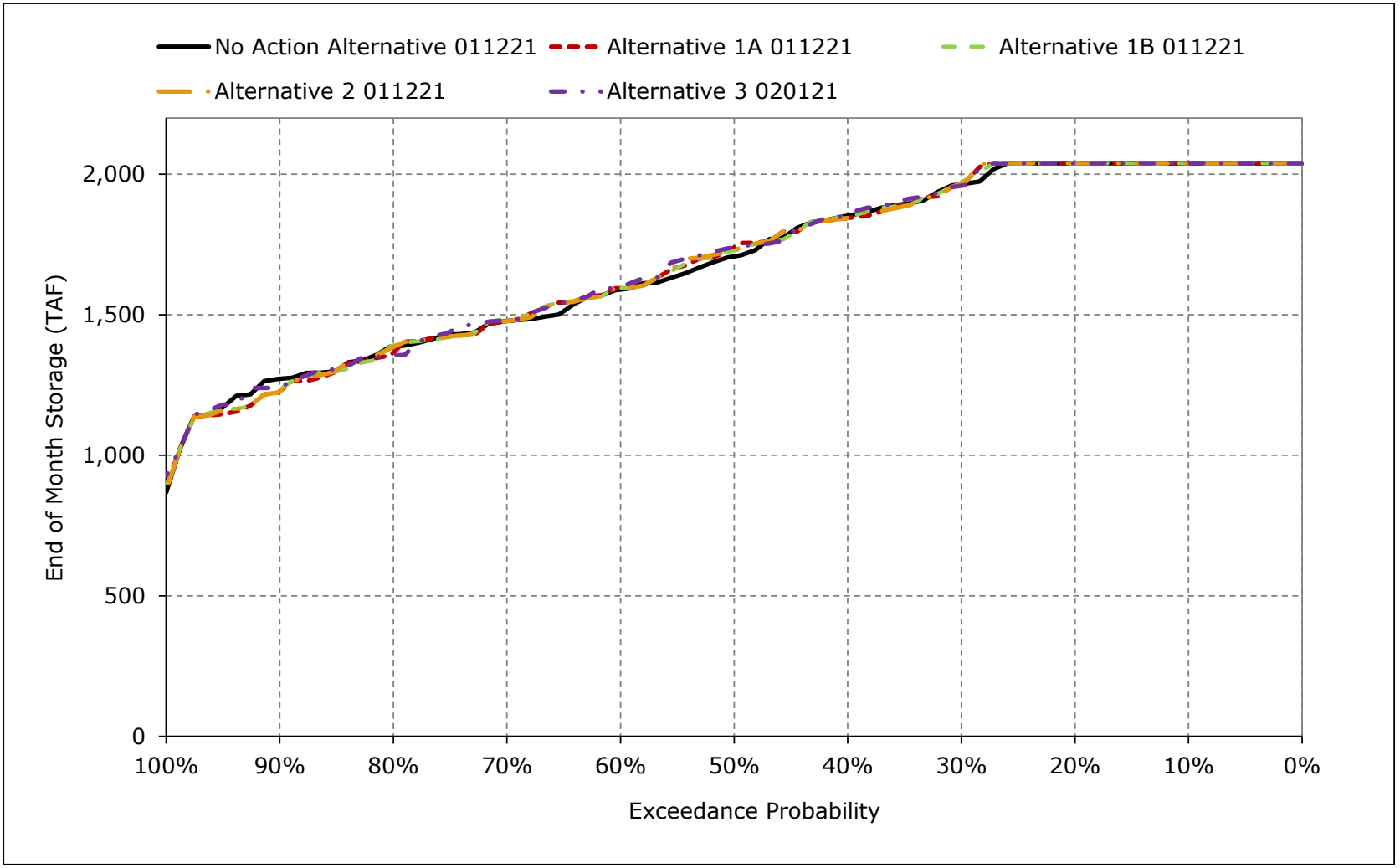


Figure 5B4-7-7. San Luis Storage (CVP and SWP), April

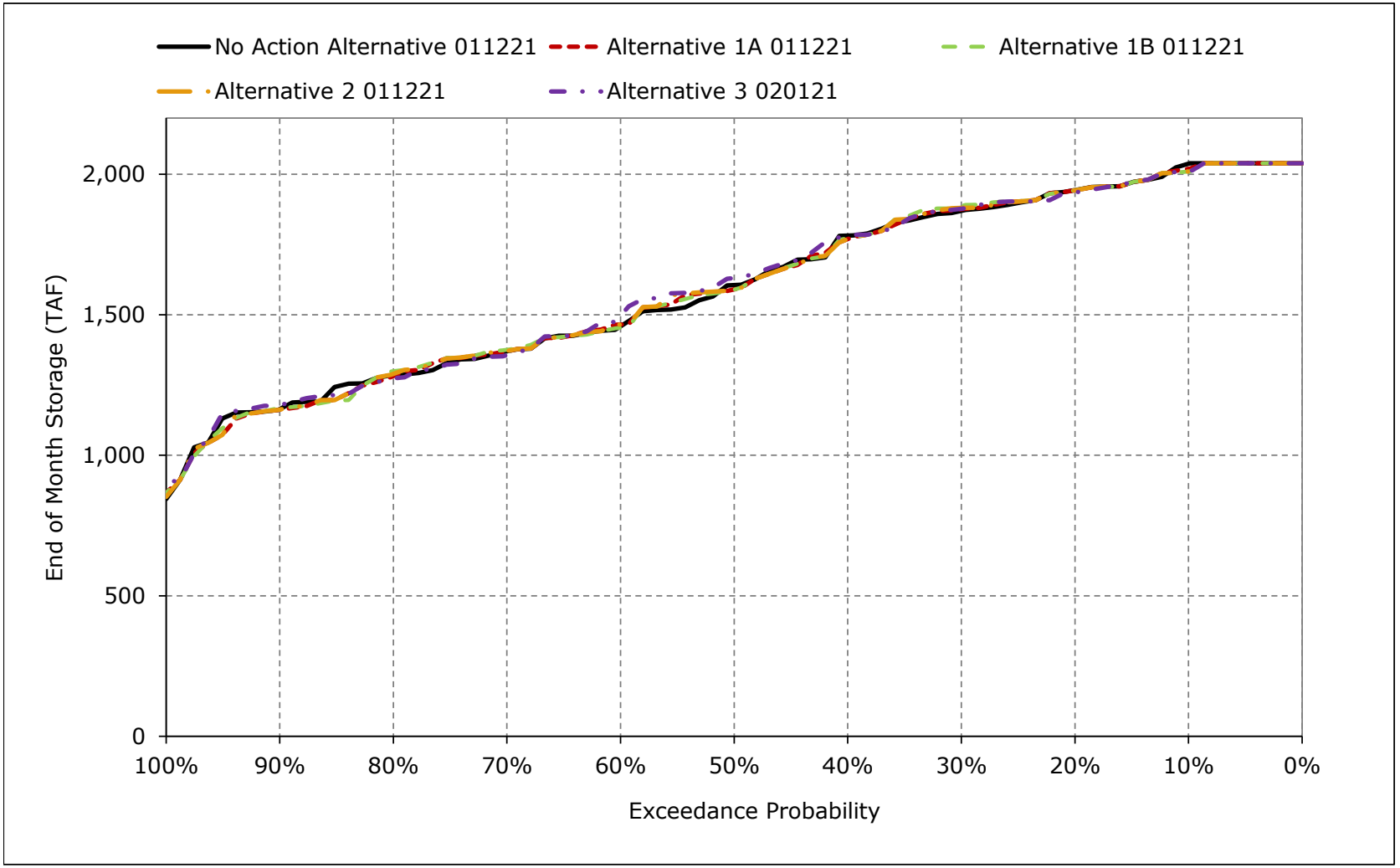


Figure 5B4-7-8. San Luis Storage (CVP and SWP), May

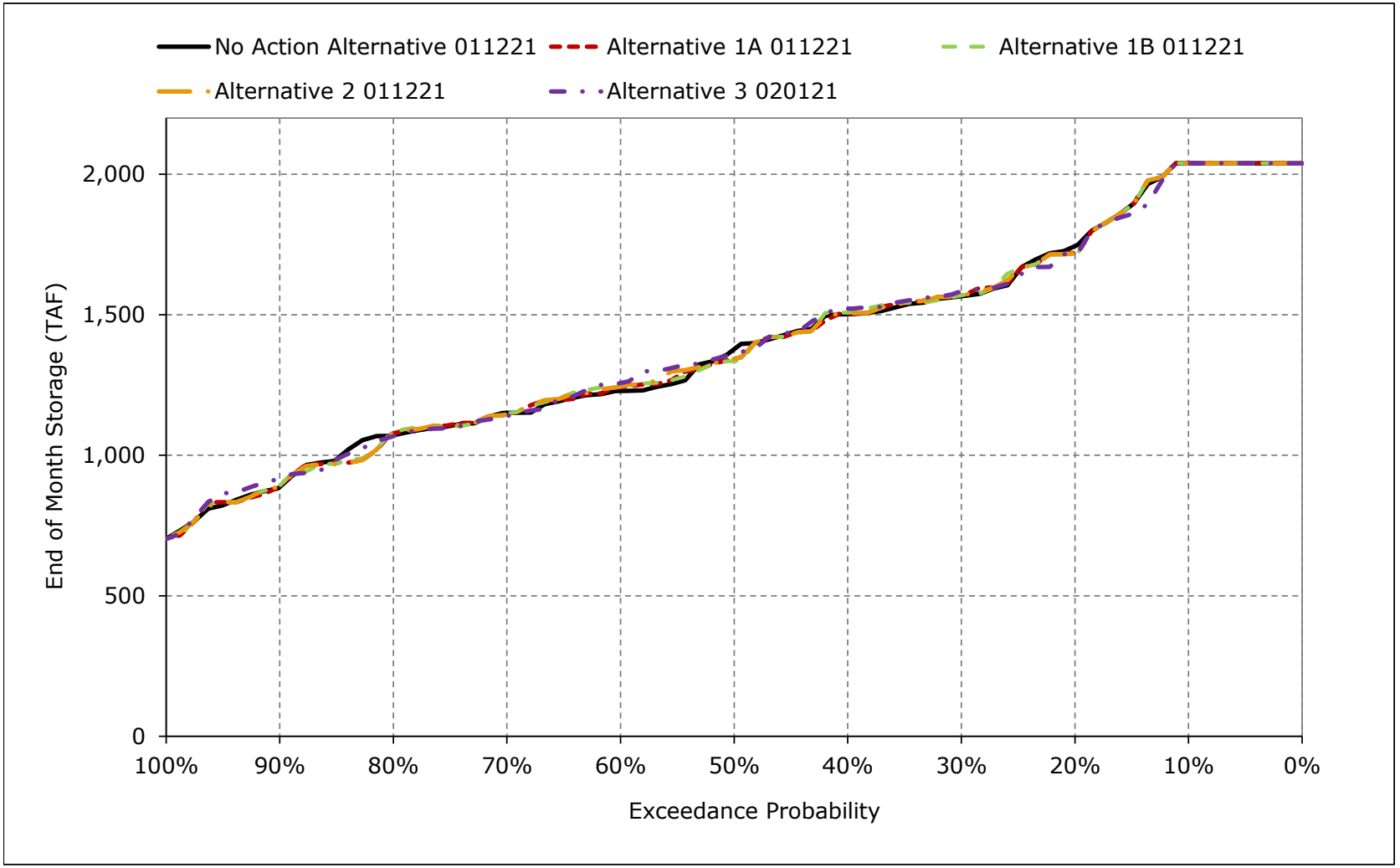


Figure 5B4-7-9. San Luis Storage (CVP and SWP), June

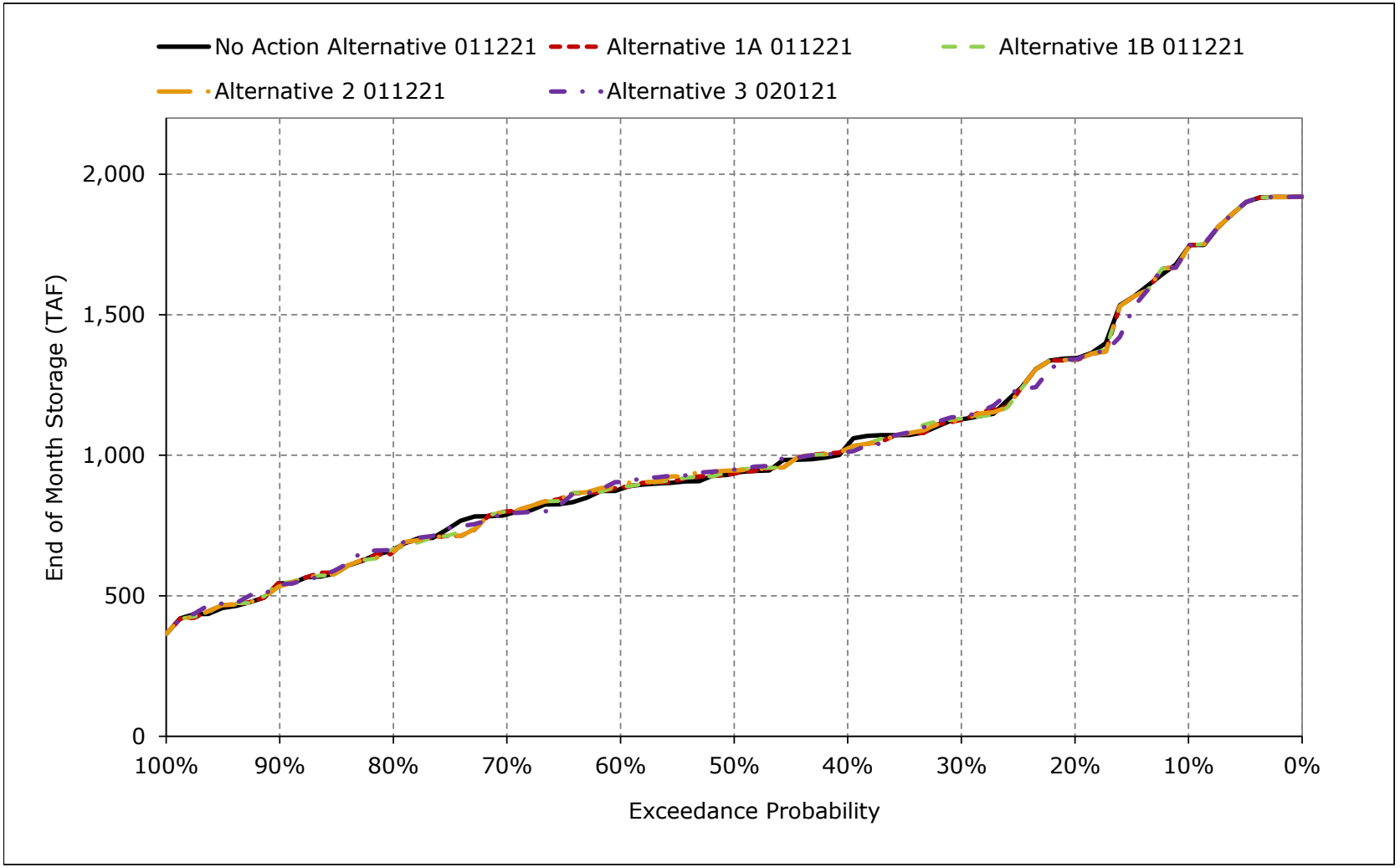


Figure 5B4-7-10. San Luis Storage (CVP and SWP), July

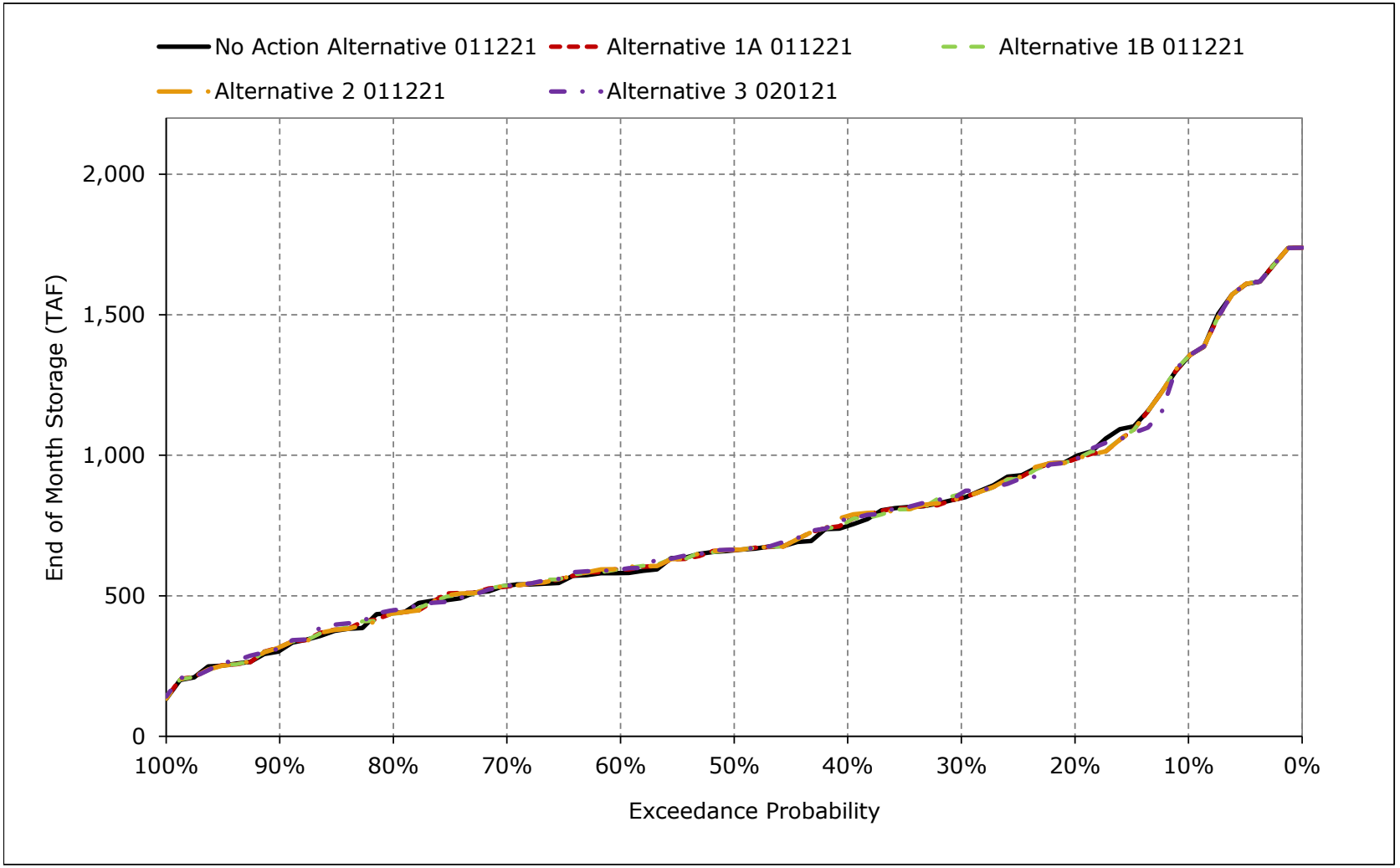


Figure 5B4-7-11. San Luis Storage (CVP and SWP), August

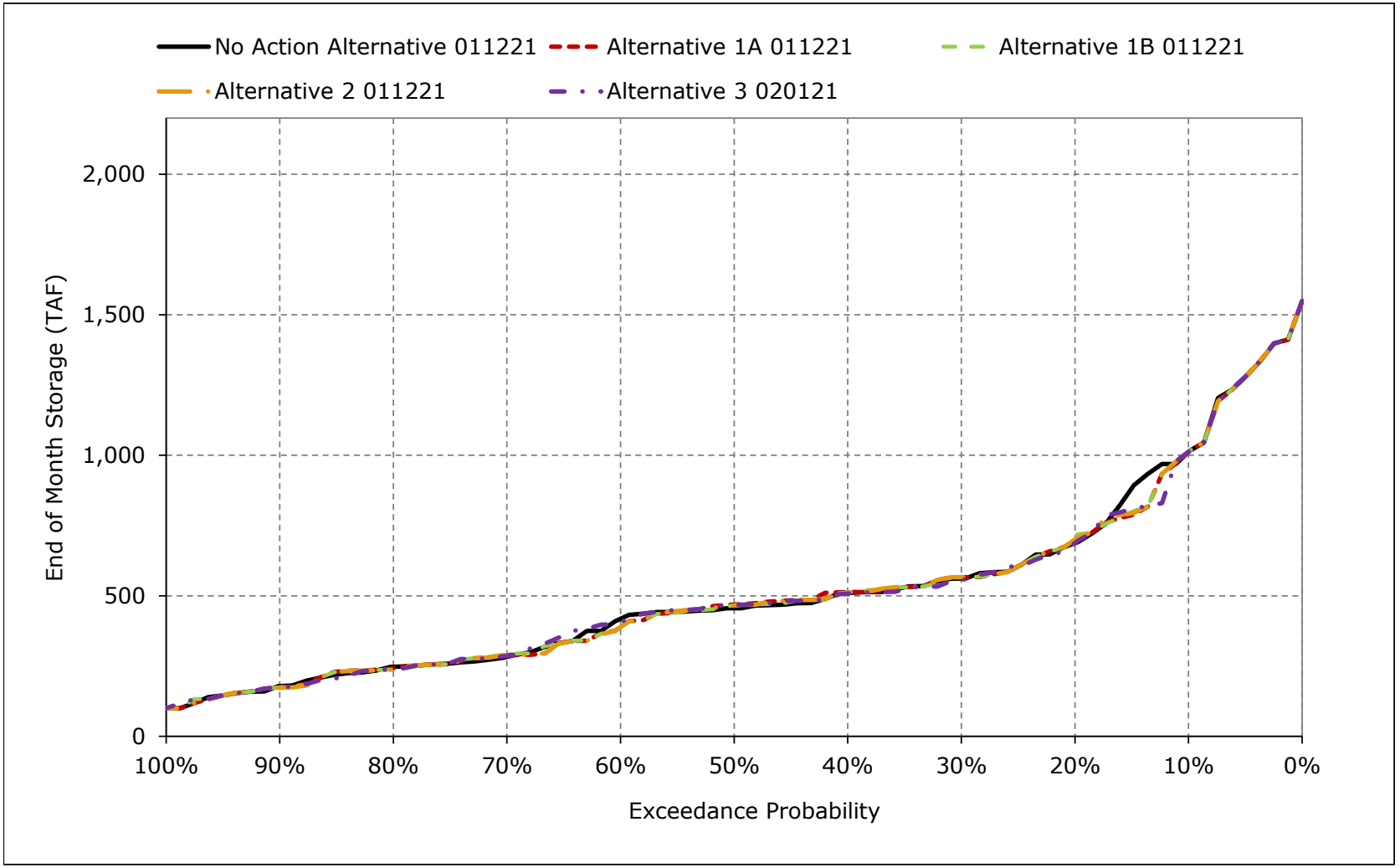


Figure 5B4-7-12. San Luis Storage (CVP and SWP), September

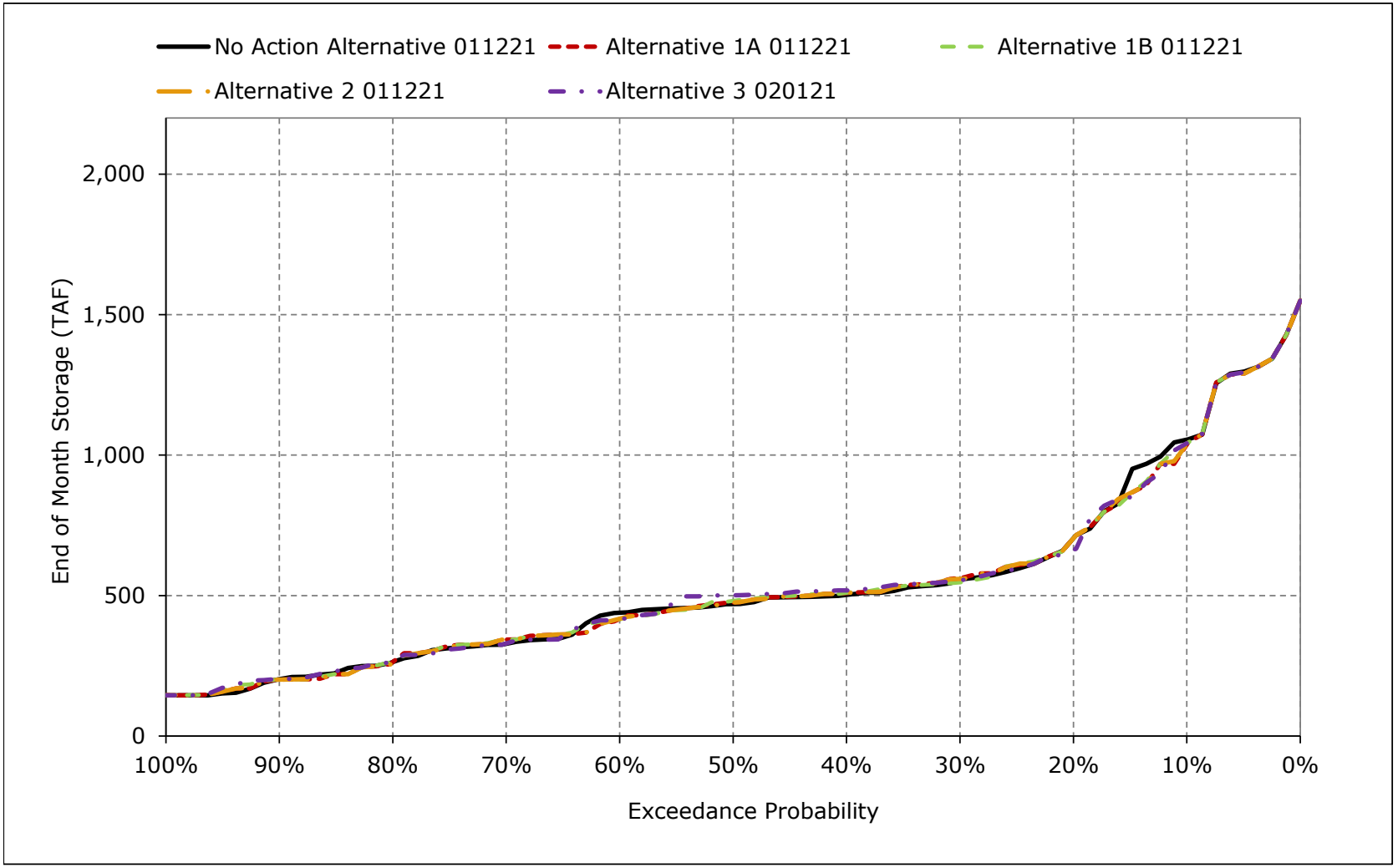


Table 5B4-8-1a. San Luis Reservoir (SWP and CVP), No Action Alternative 011221, End of Month Elevation (Feet)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	443	479	514	543	544	544	544	544	520	452	436	434
20%	411	443	483	518	544	544	544	537	494	428	396	399
30%	396	431	470	508	533	544	544	525	479	419	371	371
40%	384	425	464	499	524	543	538	519	470	411	353	362
50%	378	419	457	492	517	533	535	513	464	407	349	349
60%	373	413	454	489	512	530	525	506	460	404	348	348
70%	368	406	447	484	507	523	518	500	455	391	341	348
80%	355	398	442	479	503	515	511	493	448	385	329	335
90%	336	394	432	469	494	509	503	486	432	375	329	331
Long Term												
Full Simulation Period[a]	385	425	465	498	519	530	527	512	470	410	365	367
Water Year Types[b,c]												
Wet (32%)	398	445	485	506	528	539	540	528	487	422	371	374
Above Normal (15%)	349	409	456	497	520	532	531	513	465	390	345	335
Below Normal (17%)	384	420	461	501	524	533	530	512	463	405	349	362
Dry (22%)	382	412	449	487	507	518	511	493	453	404	361	369
Critical (15%)	401	426	456	492	511	524	517	507	469	418	395	387

Table 5B4-8-1b. San Luis Reservoir (SWP and CVP), Alternative 1A 011221, End of Month Elevation (Feet)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	443	481	514	543	544	544	544	544	519	452	435	434
20%	404	443	483	517	544	544	544	537	494	429	384	391
30%	389	429	472	507	534	544	544	526	480	419	364	367
40%	383	423	464	499	525	544	539	519	470	412	352	361
50%	378	418	459	494	517	533	534	511	462	407	348	348
60%	373	411	455	489	512	530	525	504	458	404	348	348
70%	360	407	448	484	506	523	516	498	456	391	342	347
80%	349	399	441	479	503	516	511	493	448	386	329	335
90%	337	394	430	469	492	509	501	487	433	375	329	331
Long Term												
Full Simulation Period[a]	383	424	464	497	519	530	527	512	469	410	363	366
Water Year Types[b,c]												
Wet (32%)	398	445	485	505	527	539	540	528	487	422	370	374
Above Normal (15%)	351	409	456	498	522	533	532	513	465	390	344	336
Below Normal (17%)	384	421	465	502	525	534	530	513	464	405	349	362
Dry (22%)	377	407	447	487	507	518	510	491	451	403	356	365
Critical (15%)	393	421	452	490	509	523	516	507	468	418	390	383

Table 5B4-8-1c. San Luis Reservoir (SWP and CVP), Alternative 1A 011221 minus No Action Alternative 011221, End of Month Elevation (Feet)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0	2	0	0	0	0	0	0	0	0	-1	0
20%	-7	0	0	-1	0	0	0	0	0	1	-12	-8
30%	-7	-2	2	-1	1	0	1	1	1	0	-7	-4
40%	-1	-1	0	1	2	0	1	0	0	1	-1	-1
50%	0	0	2	2	0	0	-1	-2	-2	-1	-1	0
60%	-1	-1	1	0	0	1	-1	-2	-2	1	0	0
70%	-7	0	0	0	-1	-1	-2	-2	0	1	0	-1
80%	-5	1	-1	0	0	0	0	0	0	1	0	0
90%	1	0	-3	1	-2	0	-2	2	1	0	0	0
Long Term												
Full Simulation Period[a]	-2	-1	0	0	0	0	0	0	0	0	-2	-1
Water Year Types[b,c]												
Wet (32%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal (15%)	1	1	0	1	1	1	0	0	0	0	0	0
Below Normal (17%)	0	2	3	1	1	1	0	0	0	0	0	-1
Dry (22%)	-5	-4	-1	-1	0	0	-1	-2	-1	-1	-4	-4
Critical (15%)	-8	-4	-5	-2	-2	-1	-1	-1	-1	0	-6	-4

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-8-2a. San Luis Reservoir (SWP and CVP), No Action Alternative 011221, End of Month Elevation (Feet)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	443	479	514	543	544	544	544	544	520	452	436	434
20%	411	443	483	518	544	544	544	537	494	428	396	399
30%	396	431	470	508	533	544	544	525	479	419	371	371
40%	384	425	464	499	524	543	538	519	470	411	353	362
50%	378	419	457	492	517	533	535	513	464	407	349	349
60%	373	413	454	489	512	530	525	506	460	404	348	348
70%	368	406	447	484	507	523	518	500	455	391	341	348
80%	355	398	442	479	503	515	511	493	448	385	329	335
90%	336	394	432	469	494	509	503	486	432	375	329	331
Long Term												
Full Simulation Period[a]	385	425	465	498	519	530	527	512	470	410	365	367
Water Year Types[b,c]												
Wet (32%)	398	445	485	506	528	539	540	528	487	422	371	374
Above Normal (15%)	349	409	456	497	520	532	531	513	465	390	345	335
Below Normal (17%)	384	420	461	501	524	533	530	512	463	405	349	362
Dry (22%)	382	412	449	487	507	518	511	493	453	404	361	369
Critical (15%)	401	426	456	492	511	524	517	507	469	418	395	387

Table 5B4-8-2b. San Luis Reservoir (SWP and CVP), Alternative 1B 011221, End of Month Elevation (Feet)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	443	482	514	543	544	544	544	544	519	452	435	436
20%	402	445	483	517	544	544	544	537	495	429	384	392
30%	389	430	471	508	534	544	544	525	479	418	363	366
40%	384	423	464	500	526	544	539	519	471	411	351	362
50%	378	419	459	493	517	534	534	513	462	407	348	352
60%	374	415	455	489	512	530	525	504	459	404	348	348
70%	367	408	448	484	506	522	516	499	456	391	343	347
80%	349	400	442	479	503	516	511	493	448	385	329	335
90%	335	394	431	470	492	511	501	487	433	375	329	331
Long Term												
Full Simulation Period[a]	384	425	465	498	519	530	527	512	469	410	363	366
Water Year Types[b,c]												
Wet (32%)	398	445	485	506	527	539	540	528	487	422	370	374
Above Normal (15%)	352	410	457	497	521	533	532	513	465	391	344	337
Below Normal (17%)	384	422	465	503	526	534	530	513	464	405	349	363
Dry (22%)	378	412	448	486	506	517	510	491	451	403	356	365
Critical (15%)	392	421	452	492	510	524	517	507	469	418	389	383

Table 5B4-8-2c. San Luis Reservoir (SWP and CVP), Alternative 1B 011221 minus No Action Alternative 011221, End of Month Elevation (Feet)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0	3	0	0	0	0	0	0	0	0	-1	2
20%	-9	2	0	-1	0	0	0	0	1	1	-12	-7
30%	-7	-1	1	0	1	0	0	0	1	0	-8	-5
40%	0	-1	0	2	3	1	1	0	0	0	-1	0
50%	0	0	2	1	0	0	-1	-1	-2	0	-1	3
60%	0	2	1	0	0	1	-1	-2	-1	1	0	0
70%	-1	2	1	0	-1	-1	-2	-1	0	1	2	-1
80%	-5	2	0	0	0	1	0	0	0	0	0	0
90%	0	0	-1	1	-2	2	-2	2	1	0	0	0
Long Term												
Full Simulation Period[a]	-2	0	0	0	0	0	0	0	0	0	-2	-1
Water Year Types[b,c]												
Wet (32%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal (15%)	3	2	1	1	1	1	1	1	0	1	0	1
Below Normal (17%)	0	2	4	2	2	1	0	0	0	0	0	0
Dry (22%)	-3	1	-1	-1	-1	-1	-1	-2	-2	-1	-5	-3
Critical (15%)	-9	-5	-4	0	-1	0	0	0	0	0	-6	-5

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-8-3a. San Luis Reservoir (SWP and CVP), No Action Alternative 011221, End of Month Elevation (Feet)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	443	479	514	543	544	544	544	544	520	452	436	434
20%	411	443	483	518	544	544	544	537	494	428	396	399
30%	396	431	470	508	533	544	544	525	479	419	371	371
40%	384	425	464	499	524	543	538	519	470	411	353	362
50%	378	419	457	492	517	533	535	513	464	407	349	349
60%	373	413	454	489	512	530	525	506	460	404	348	348
70%	368	406	447	484	507	523	518	500	455	391	341	348
80%	355	398	442	479	503	515	511	493	448	385	329	335
90%	336	394	432	469	494	509	503	486	432	375	329	331
Long Term												
Full Simulation Period[a]	385	425	465	498	519	530	527	512	470	410	365	367
Water Year Types[b,c]												
Wet (32%)	398	445	485	506	528	539	540	528	487	422	371	374
Above Normal (15%)	349	409	456	497	520	532	531	513	465	390	345	335
Below Normal (17%)	384	420	461	501	524	533	530	512	463	405	349	362
Dry (22%)	382	412	449	487	507	518	511	493	453	404	361	369
Critical (15%)	401	426	456	492	511	524	517	507	469	418	395	387

Table 5B4-8-3b. San Luis Reservoir (SWP and CVP), Alternative 2 011221, End of Month Elevation (Feet)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	443	482	514	543	544	544	544	544	519	452	435	435
20%	403	444	483	517	544	544	544	537	495	429	384	389
30%	389	429	472	507	534	544	544	525	480	419	364	367
40%	384	423	464	499	525	544	539	519	470	411	352	361
50%	378	419	458	494	517	533	534	512	462	407	348	348
60%	373	411	455	489	512	530	525	504	458	404	348	348
70%	359	407	448	484	506	522	515	498	456	391	342	347
80%	349	399	442	479	503	516	511	493	448	386	329	335
90%	337	394	430	469	492	508	501	487	433	375	329	331
Long Term												
Full Simulation Period[a]	383	424	464	497	519	530	527	512	469	410	363	366
Water Year Types[b,c]												
Wet (32%)	398	445	485	506	527	539	540	528	487	422	370	374
Above Normal (15%)	351	409	456	498	521	533	532	513	465	390	344	336
Below Normal (17%)	384	421	465	502	525	534	530	513	464	405	349	362
Dry (22%)	377	407	447	486	507	518	510	491	451	403	356	365
Critical (15%)	393	422	452	490	509	523	517	507	469	418	390	383

Table 5B4-8-3c. San Luis Reservoir (SWP and CVP), Alternative 2 011221 minus No Action Alternative 011221, End of Month Elevation (Feet)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0	3	0	0	0	0	0	0	0	0	-1	1
20%	-8	1	0	-1	0	0	0	0	1	1	-12	-10
30%	-7	-2	2	0	1	0	1	0	1	0	-8	-4
40%	0	-2	0	1	2	0	1	0	0	0	-1	-1
50%	0	0	2	2	0	0	-1	-2	-2	-1	-1	0
60%	-1	-2	1	0	0	1	-1	-2	-2	1	0	0
70%	-8	1	0	0	-1	-1	-2	-2	0	1	0	-1
80%	-5	1	-1	0	0	0	0	0	0	1	0	0
90%	1	0	-2	1	-2	-1	-2	2	1	0	0	0
Long Term												
Full Simulation Period[a]	-2	-1	0	0	0	0	0	0	0	0	-2	-1
Water Year Types[b,c]												
Wet (32%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal (15%)	1	1	0	1	1	1	1	0	0	1	0	0
Below Normal (17%)	0	2	3	1	1	0	0	0	0	0	0	-1
Dry (22%)	-4	-5	-2	-1	0	0	-1	-2	-1	-1	-4	-4
Critical (15%)	-8	-4	-4	-2	-2	-1	-1	-1	0	0	-6	-4

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-8-4a. San Luis Reservoir (SWP and CVP), No Action Alternative 011221, End of Month Elevation (Feet)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	443	479	514	543	544	544	544	544	520	452	436	434
20%	411	443	483	518	544	544	544	537	494	428	396	399
30%	396	431	470	508	533	544	544	525	479	419	371	371
40%	384	425	464	499	524	543	538	519	470	411	353	362
50%	378	419	457	492	517	533	535	513	464	407	349	349
60%	373	413	454	489	512	530	525	506	460	404	348	348
70%	368	406	447	484	507	523	518	500	455	391	341	348
80%	355	398	442	479	503	515	511	493	448	385	329	335
90%	336	394	432	469	494	509	503	486	432	375	329	331
Long Term												
Full Simulation Period[a]	385	425	465	498	519	530	527	512	470	410	365	367
Water Year Types[b,c]												
Wet (32%)	398	445	485	506	528	539	540	528	487	422	371	374
Above Normal (15%)	349	409	456	497	520	532	531	513	465	390	345	335
Below Normal (17%)	384	420	461	501	524	533	530	512	463	405	349	362
Dry (22%)	382	412	449	487	507	518	511	493	453	404	361	369
Critical (15%)	401	426	456	492	511	524	517	507	469	418	395	387

Table 5B4-8-4b. San Luis Reservoir (SWP and CVP), Alternative 3 020121, End of Month Elevation (Feet)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	442	482	514	543	544	544	544	544	519	452	429	432
20%	405	440	483	518	544	544	544	537	494	427	386	395
30%	395	432	474	512	537	544	544	527	480	419	369	372
40%	388	426	467	505	528	544	540	521	471	411	352	364
50%	380	422	464	496	518	535	534	512	462	406	348	356
60%	375	419	455	489	515	531	524	505	459	404	348	348
70%	370	413	450	486	507	522	516	499	456	393	343	348
80%	362	401	444	482	503	516	511	494	448	388	329	336
90%	347	394	440	470	493	513	502	487	433	380	329	331
Long Term												
Full Simulation Period[a]	387	428	467	499	520	531	528	512	470	411	363	368
Water Year Types[b,c]												
Wet (32%)	398	445	485	507	528	539	540	528	487	422	370	374
Above Normal (15%)	366	419	464	500	523	533	532	514	465	396	345	342
Below Normal (17%)	388	425	466	505	528	534	530	513	464	405	349	365
Dry (22%)	382	415	452	488	508	519	511	492	453	405	357	366
Critical (15%)	394	422	452	492	510	524	518	507	468	416	392	386

Table 5B4-8-4c. San Luis Reservoir (SWP and CVP), Alternative 3 020121 minus No Action Alternative 011221, End of Month Elevation (Feet)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-1	3	0	0	0	0	0	0	0	0	-7	-2
20%	-6	-2	0	1	0	0	0	0	0	-1	-10	-4
30%	-1	1	3	4	4	0	1	1	1	1	-3	1
40%	4	2	3	6	5	1	2	2	1	0	-1	2
50%	2	4	8	3	1	2	-1	-2	-1	-1	-1	7
60%	1	6	1	0	2	1	-2	-1	-1	0	0	0
70%	3	6	2	2	0	-2	-2	0	0	3	2	0
80%	7	3	2	3	0	1	0	1	0	3	0	1
90%	11	0	8	1	-2	4	-1	1	1	5	0	0
Long Term												
Full Simulation Period[a]	2	3	2	2	1	1	0	0	0	1	-1	1
Water Year Types[b,c]												
Wet (32%)	0	0	0	1	1	0	0	0	0	0	0	0
Above Normal (15%)	17	11	8	3	2	1	1	1	1	6	0	7
Below Normal (17%)	4	5	5	4	4	1	0	0	0	0	0	2
Dry (22%)	1	3	3	1	1	1	0	0	0	0	-3	-2
Critical (15%)	-8	-4	-5	0	-1	0	0	-1	-1	-2	-3	-2

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Figure 5B4-8-1. San Luis Reservoir (SWP and CVP), October

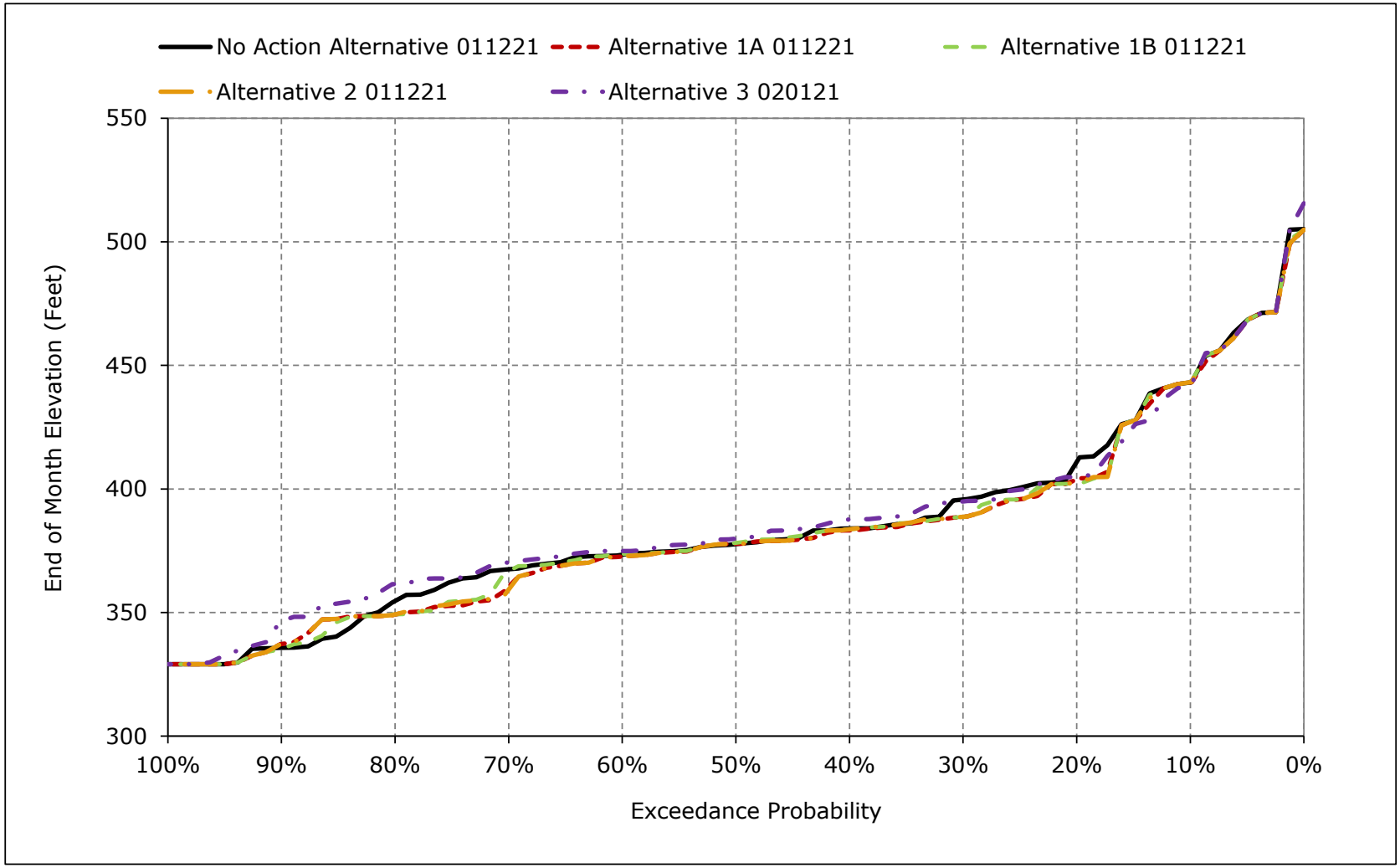


Figure 5B4-8-2. San Luis Reservoir (SWP and CVP), November

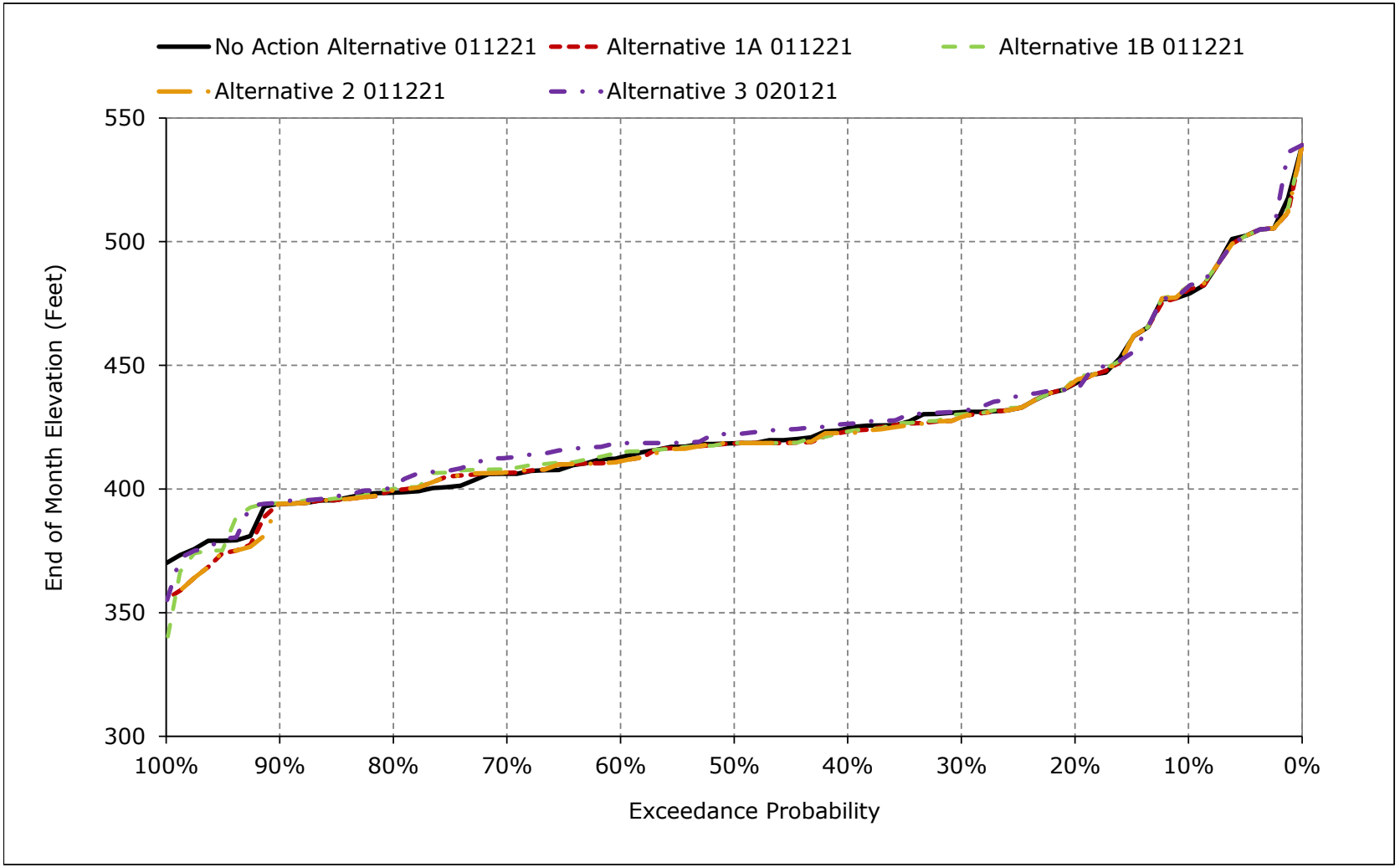


Figure 5B4-8-3. San Luis Reservoir (SWP and CVP), December

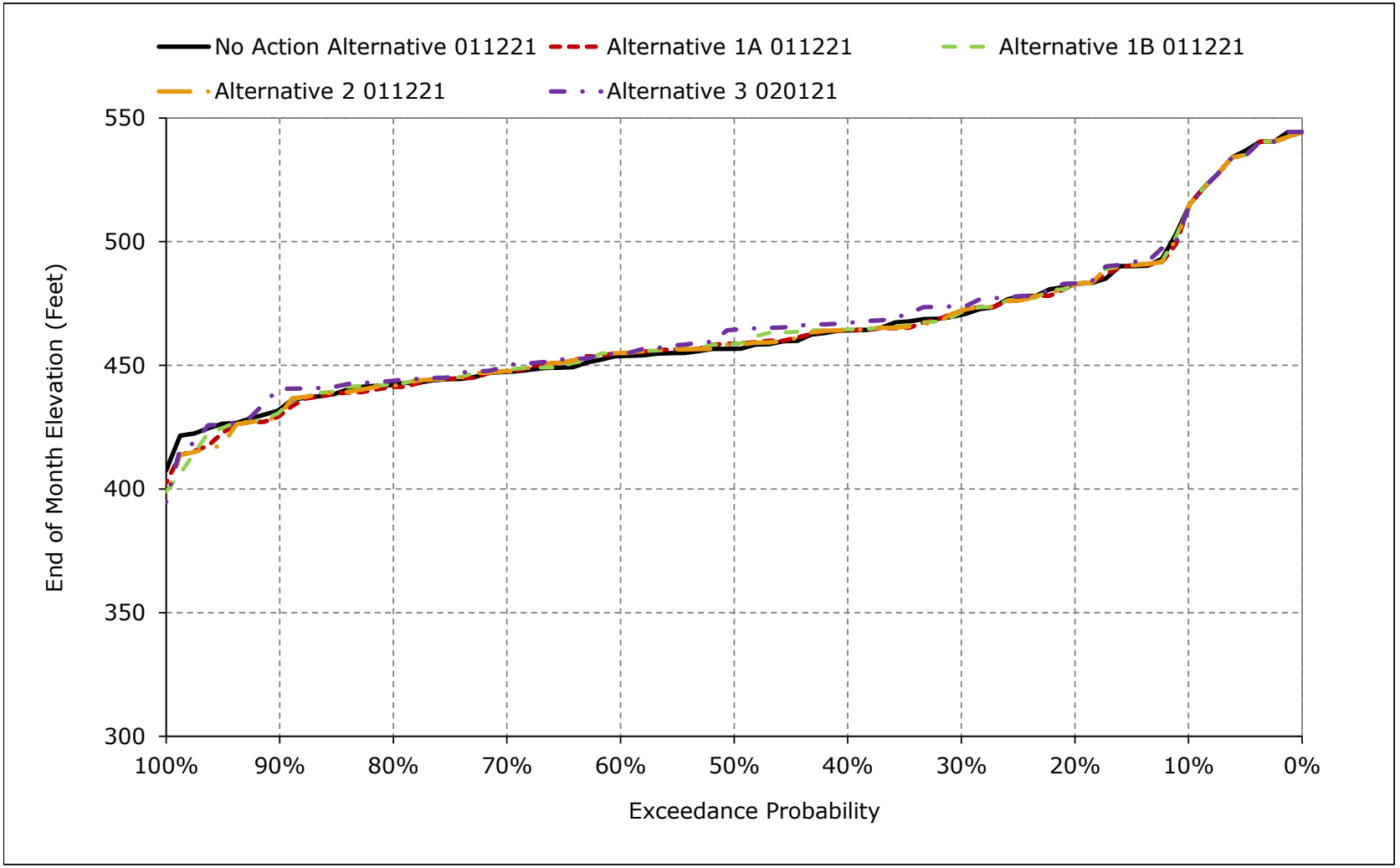


Figure 5B4-8-4. San Luis Reservoir (SWP and CVP), January

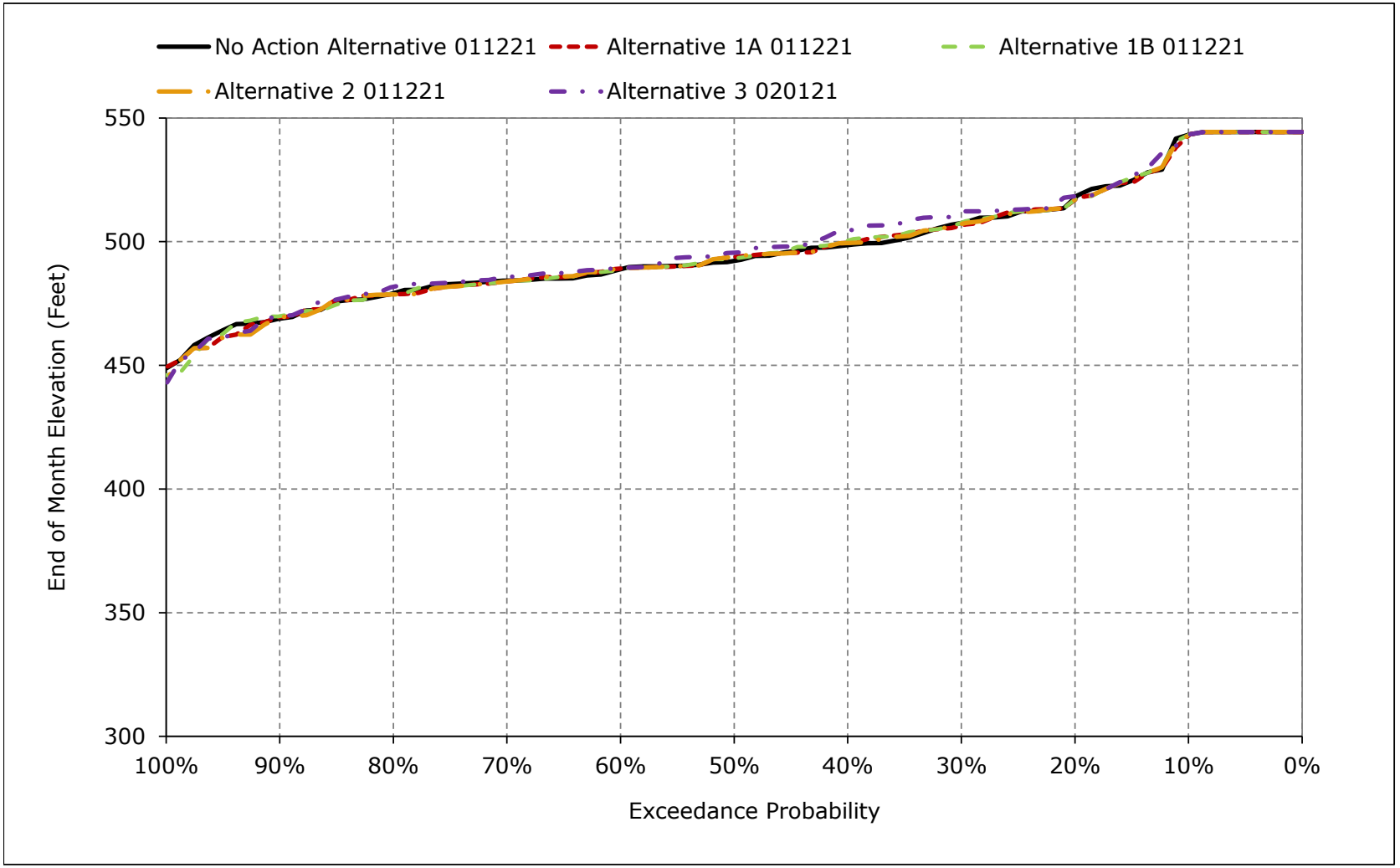


Figure 5B4-8-5. San Luis Reservoir (SWP and CVP), February

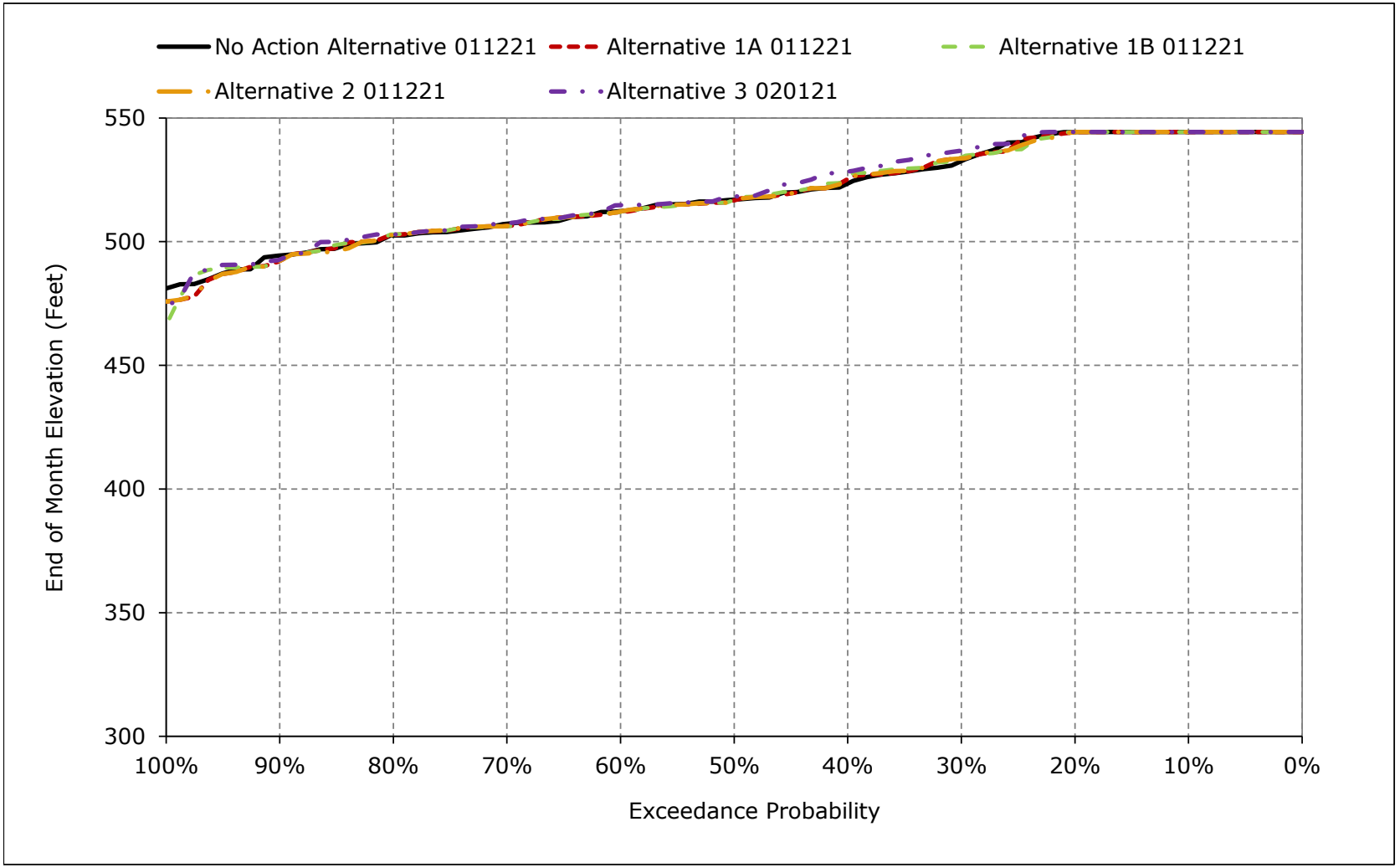


Figure 5B4-8-6. San Luis Reservoir (SWP and CVP), March

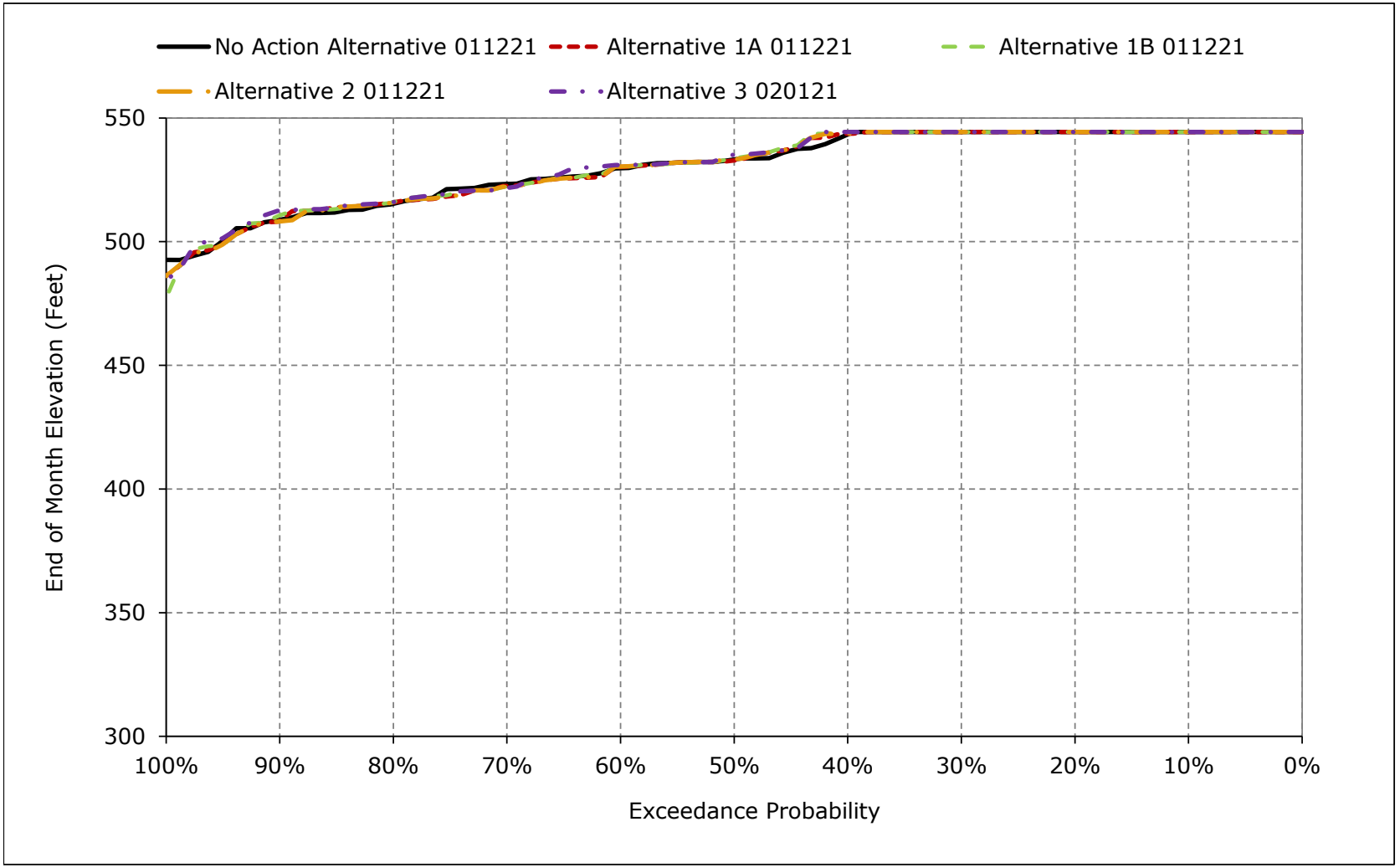


Figure 5B4-8-7. San Luis Reservoir (SWP and CVP), April

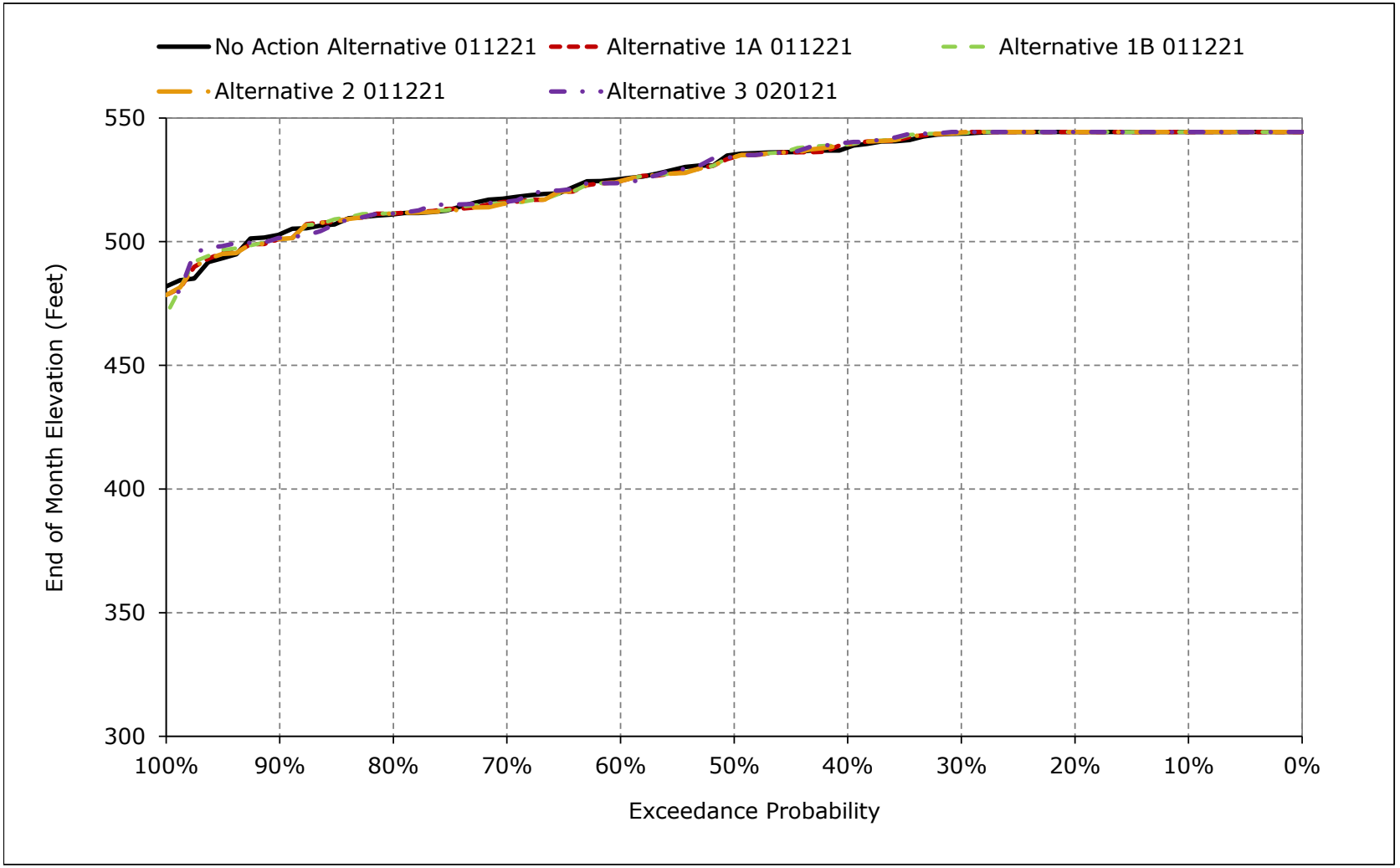


Figure 5B4-8-8. San Luis Reservoir (SWP and CVP), May

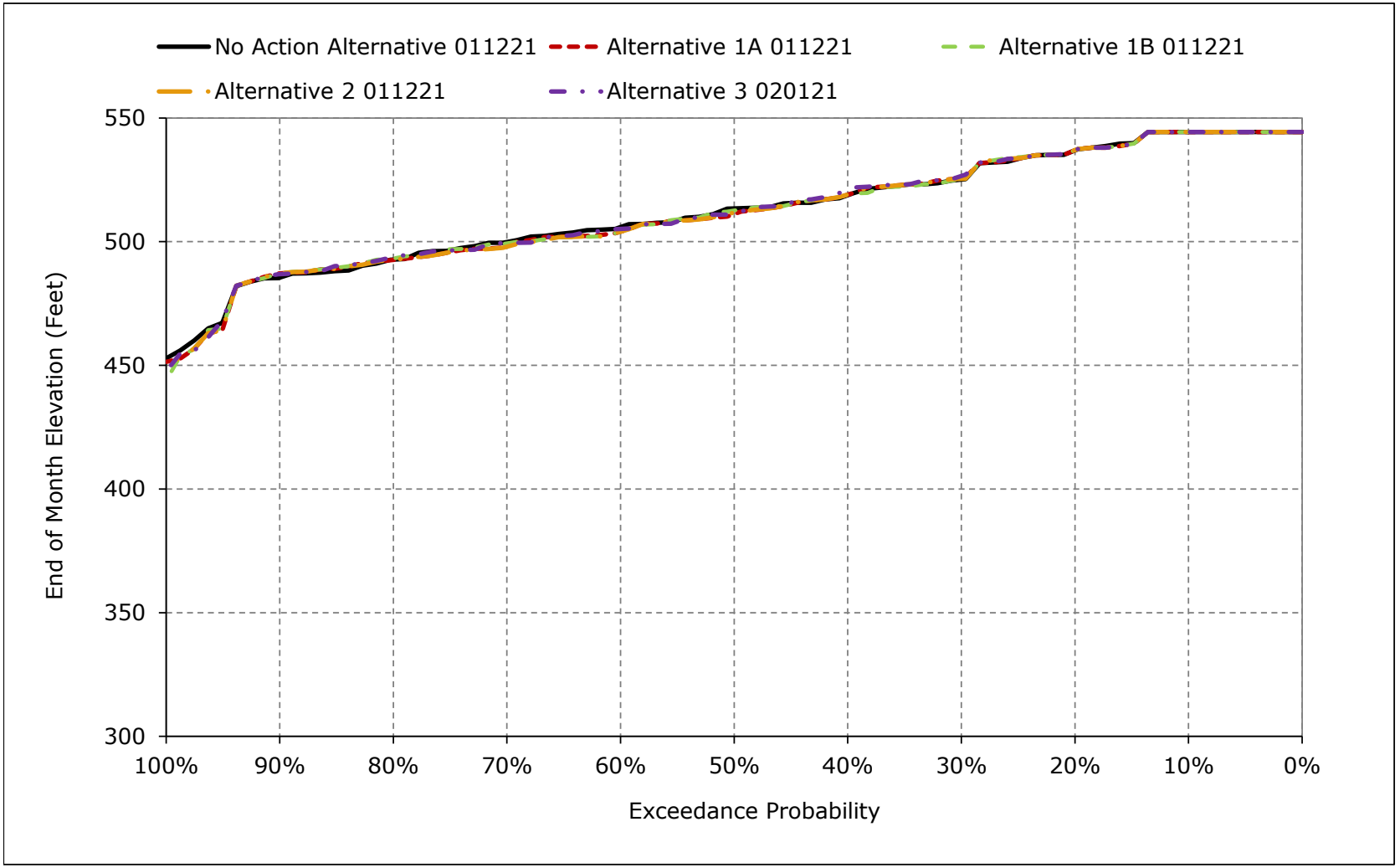


Figure 5B4-8-9. San Luis Reservoir (SWP and CVP), June

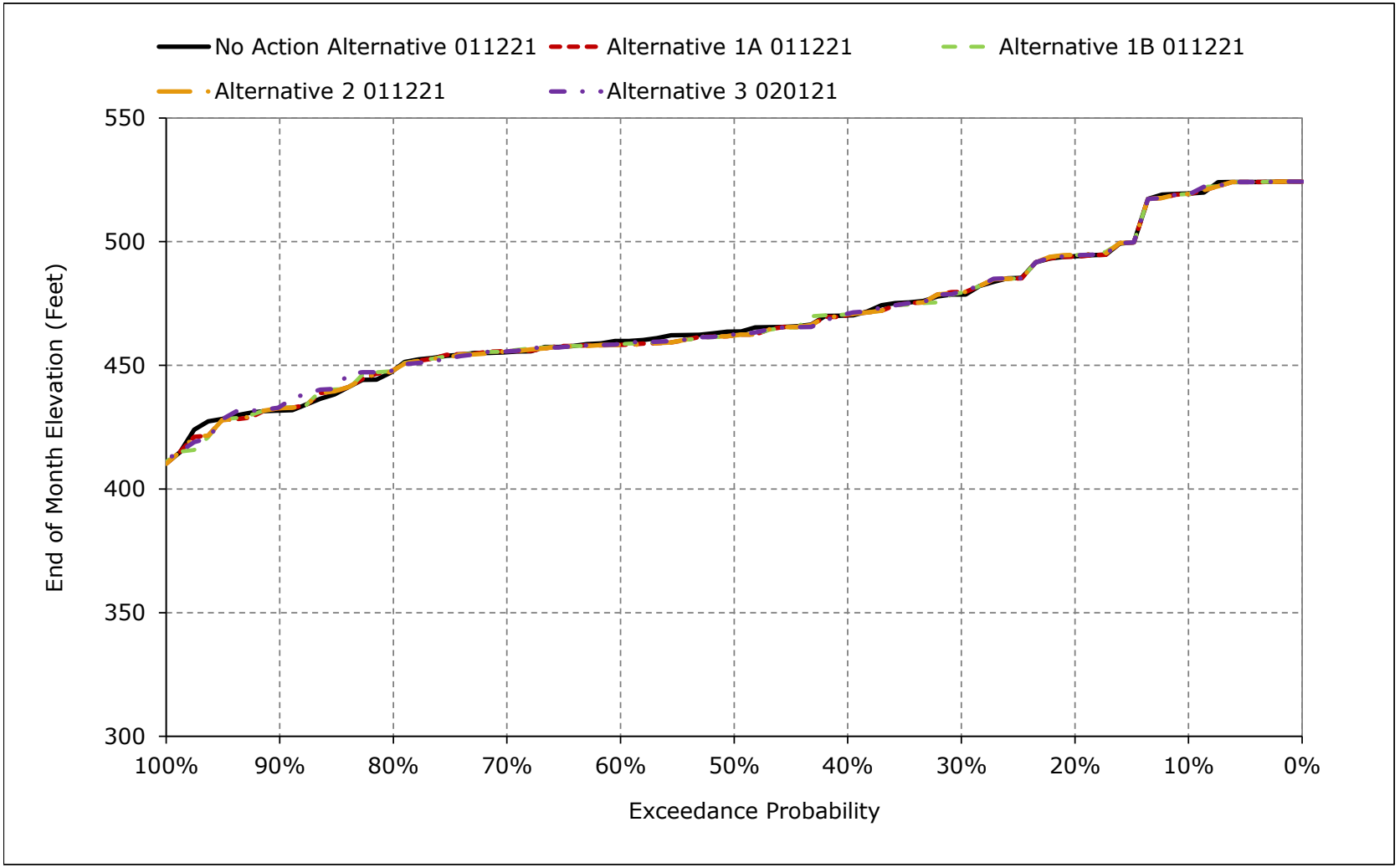


Figure 5B4-8-10. San Luis Reservoir (SWP and CVP), July

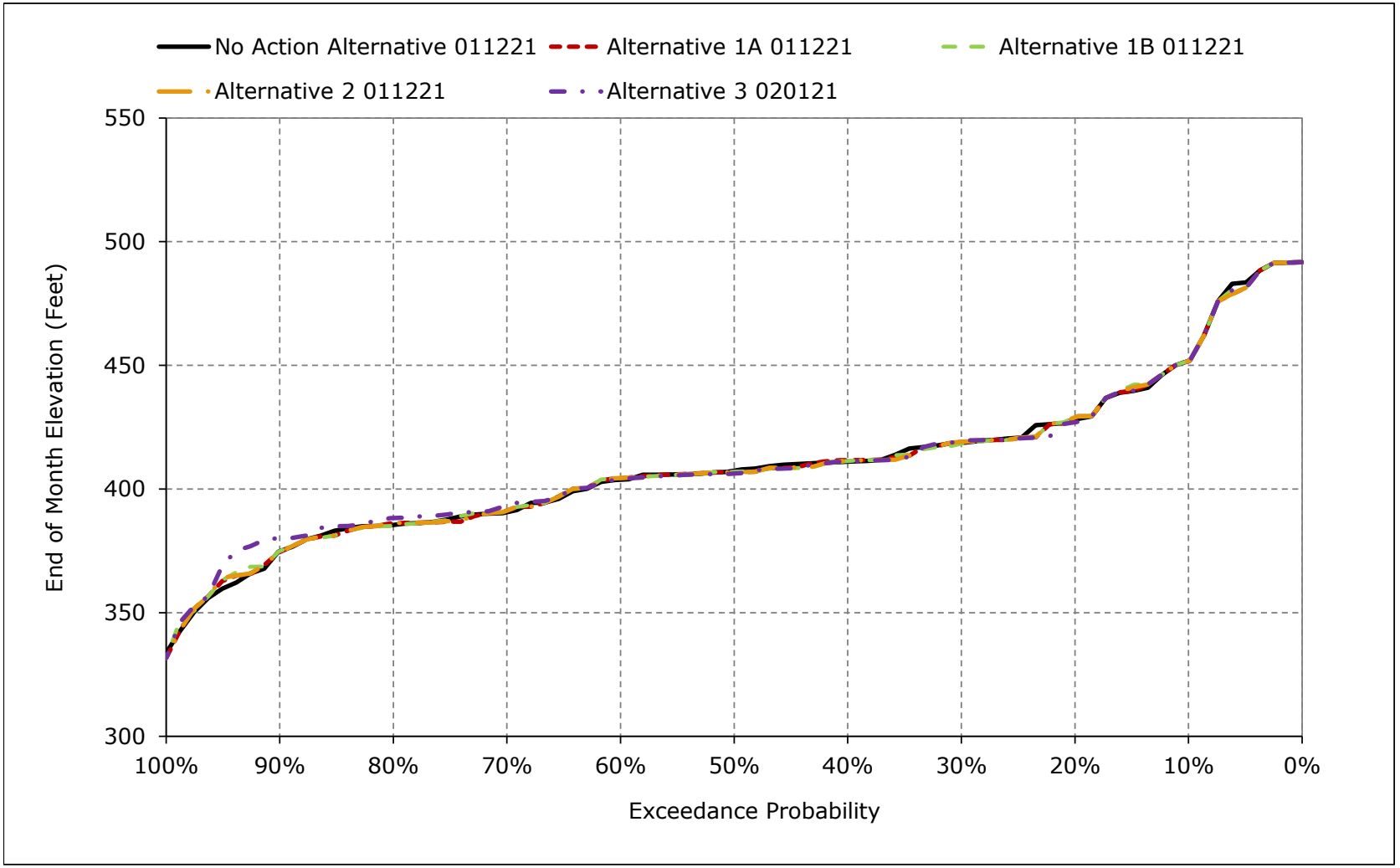


Figure 5B4-8-11. San Luis Reservoir (SWP and CVP), August

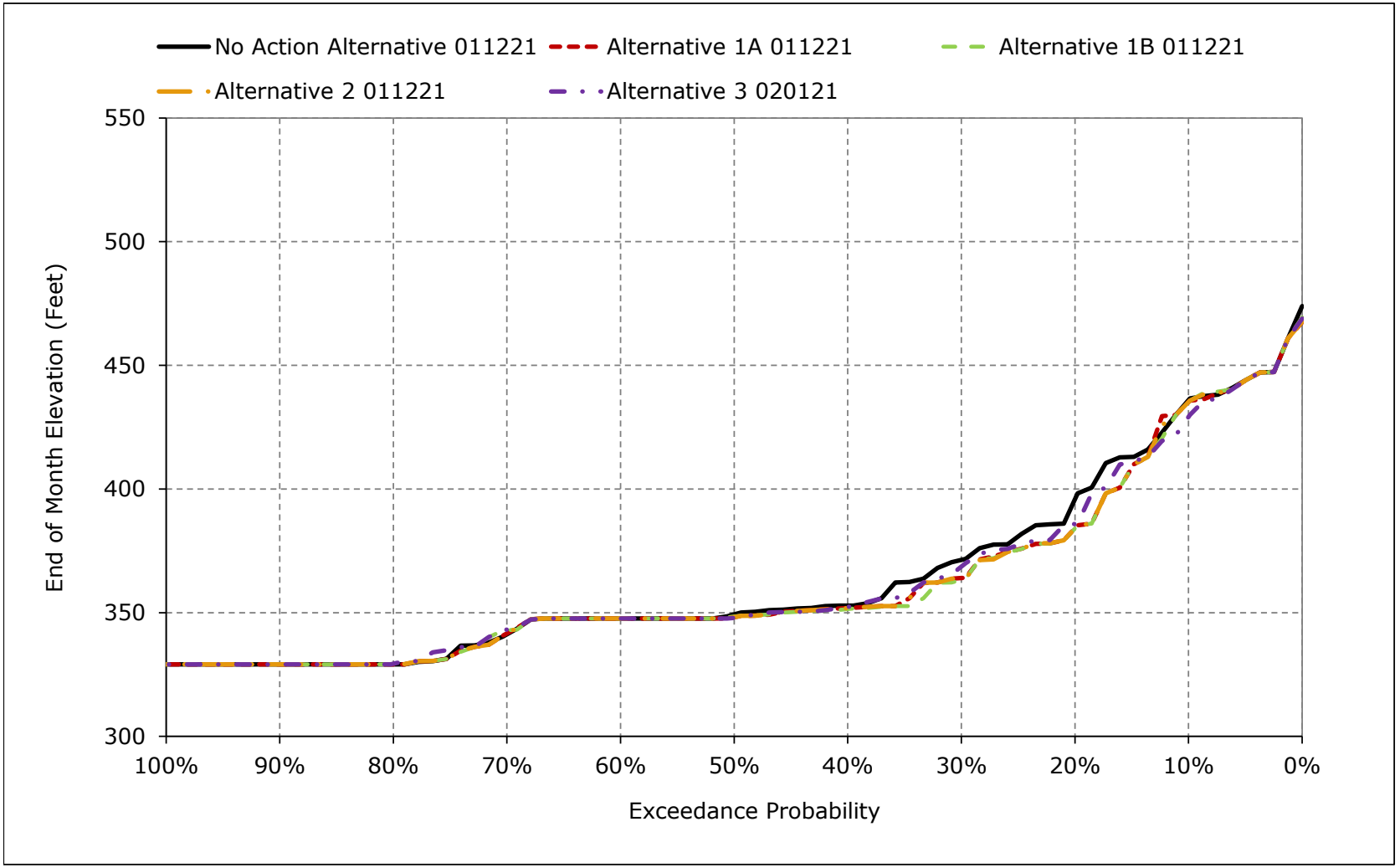


Figure 5B4-8-12. San Luis Reservoir (SWP and CVP), September

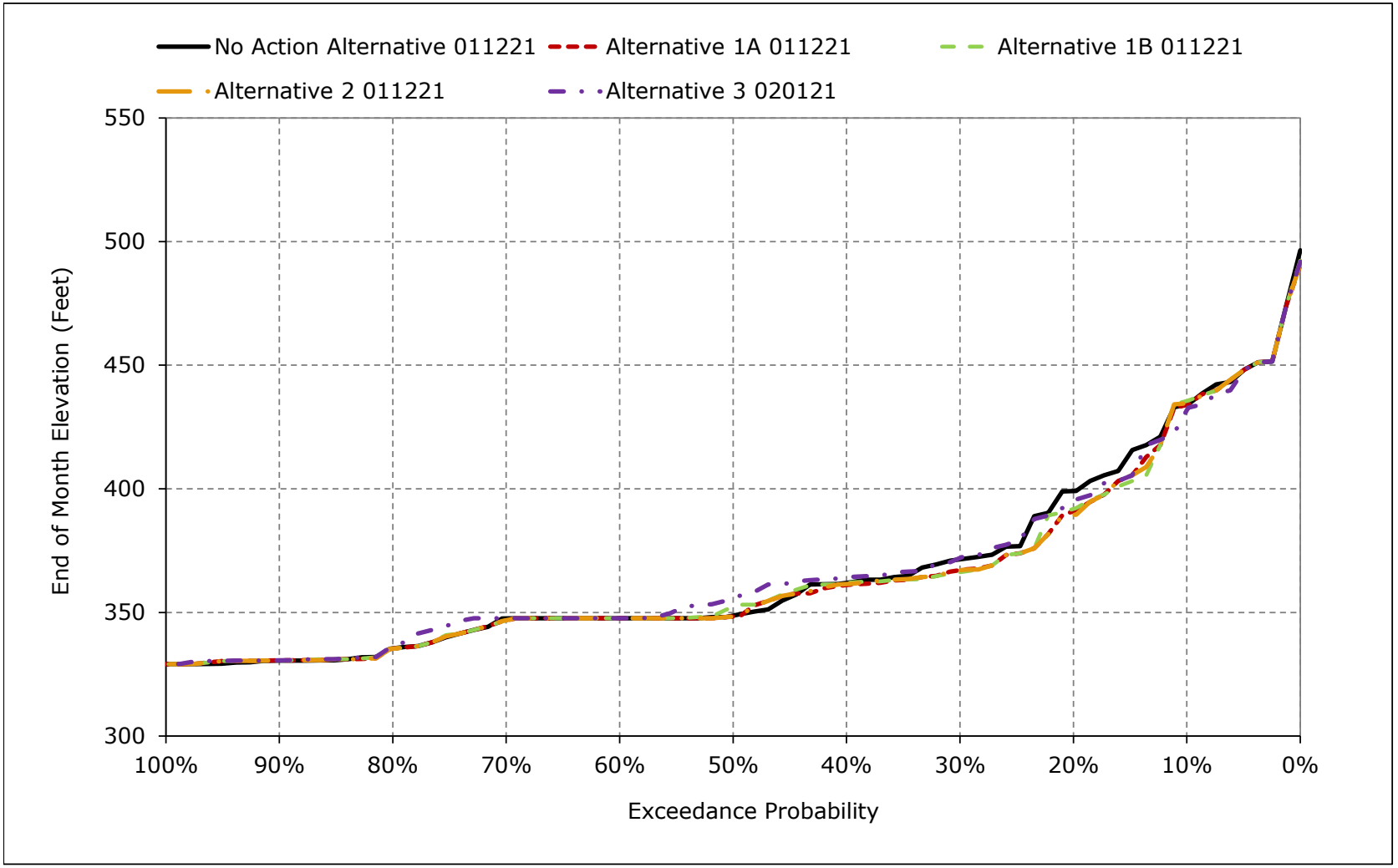


Table 5B4-9-1a. San Luis Reservoir Surface Area, No Action Alternative 011221, End of Month Surface-Area (Acres)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	4,582	5,134	5,636	6,032	6,047	6,047	6,047	6,047	5,713	4,727	4,464	4,431
20%	3,988	4,574	5,192	5,688	6,047	6,047	6,047	5,950	5,357	4,330	3,668	3,746
30%	3,667	4,382	5,008	5,547	5,894	6,047	6,038	5,791	5,130	4,147	3,099	3,102
40%	3,394	4,266	4,913	5,420	5,768	6,034	5,966	5,703	5,004	3,990	2,531	2,820
50%	3,247	4,142	4,804	5,332	5,679	5,903	5,929	5,628	4,907	3,916	2,417	2,400
60%	3,148	4,025	4,759	5,283	5,613	5,854	5,794	5,523	4,850	3,842	2,364	2,364
70%	2,996	3,890	4,655	5,214	5,541	5,766	5,687	5,438	4,783	3,549	2,162	2,363
80%	2,588	3,731	4,568	5,138	5,476	5,656	5,595	5,338	4,663	3,427	1,778	1,978
90%	1,989	3,626	4,399	4,985	5,361	5,564	5,481	5,233	4,393	3,180	1,778	1,822
Long Term												
Full Simulation Period[a]	3,309	4,214	4,903	5,399	5,701	5,858	5,818	5,608	4,981	3,901	2,758	2,830
Water Year Types[b,c]												
Wet (32%)	3,542	4,558	5,209	5,515	5,819	5,979	5,994	5,827	5,241	4,097	2,863	2,953
Above Normal (15%)	2,364	3,930	4,787	5,390	5,721	5,883	5,870	5,614	4,911	3,457	2,240	1,965
Below Normal (17%)	3,384	4,141	4,865	5,449	5,775	5,901	5,850	5,612	4,890	3,828	2,417	2,811
Dry (22%)	3,270	3,961	4,655	5,253	5,534	5,692	5,596	5,331	4,721	3,823	2,677	2,890
Critical (15%)	3,720	4,219	4,771	5,319	5,591	5,771	5,680	5,543	4,986	4,122	3,570	3,357

Table 5B4-9-1b. San Luis Reservoir Surface Area, Alternative 1A 011221, End of Month Surface-Area (Acres)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	4,583	5,159	5,631	6,027	6,047	6,047	6,047	6,047	5,710	4,727	4,451	4,430
20%	3,843	4,577	5,189	5,677	6,045	6,047	6,047	5,952	5,356	4,344	3,397	3,555
30%	3,503	4,348	5,031	5,532	5,909	6,047	6,044	5,800	5,145	4,152	2,885	2,983
40%	3,376	4,240	4,914	5,433	5,793	6,037	5,981	5,706	5,006	4,002	2,499	2,792
50%	3,250	4,141	4,834	5,354	5,675	5,898	5,916	5,597	4,883	3,904	2,382	2,387
60%	3,129	3,996	4,778	5,287	5,609	5,862	5,783	5,498	4,827	3,856	2,364	2,364
70%	2,772	3,899	4,659	5,209	5,529	5,755	5,666	5,416	4,789	3,563	2,176	2,339
80%	2,415	3,753	4,552	5,132	5,478	5,663	5,600	5,337	4,664	3,444	1,778	1,976
90%	2,035	3,626	4,357	4,994	5,332	5,561	5,455	5,257	4,408	3,173	1,778	1,826
Long Term												
Full Simulation Period[a]	3,258	4,187	4,895	5,398	5,699	5,857	5,814	5,603	4,975	3,899	2,710	2,795
Water Year Types[b,c]												
Wet (32%)	3,542	4,558	5,209	5,509	5,813	5,977	5,991	5,823	5,239	4,095	2,858	2,953
Above Normal (15%)	2,406	3,947	4,794	5,409	5,739	5,892	5,876	5,620	4,914	3,472	2,231	1,977
Below Normal (17%)	3,380	4,181	4,917	5,467	5,786	5,910	5,854	5,616	4,895	3,836	2,409	2,789
Dry (22%)	3,160	3,850	4,628	5,244	5,529	5,687	5,583	5,309	4,697	3,803	2,573	2,808
Critical (15%)	3,495	4,136	4,692	5,293	5,564	5,759	5,669	5,531	4,977	4,120	3,422	3,256

Table 5B4-9-1c. San Luis Reservoir Surface Area, Alternative 1A 011221 minus No Action Alternative 011221, End of Month Surface-Area (Acres)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	1	25	-5	-5	0	0	0	0	-3	0	-13	-1
20%	-144	3	-3	-11	-1	0	0	1	-1	14	-272	-191
30%	-164	-34	23	-15	15	0	7	10	16	5	-214	-119
40%	-18	-26	1	12	25	4	15	3	2	12	-32	-28
50%	3	-1	31	22	-4	-5	-13	-32	-23	-12	-35	-13
60%	-18	-29	18	4	-5	7	-11	-25	-23	14	0	0
70%	-224	9	4	-5	-12	-11	-21	-22	6	14	13	-24
80%	-173	22	-16	-6	3	7	6	-1	1	16	0	-2
90%	46	0	-42	9	-30	-4	-27	25	15	-8	0	3
Long Term												
Full Simulation Period[a]	-51	-27	-8	-2	-2	-1	-4	-6	-6	-2	-48	-35
Water Year Types[b,c]												
Wet (32%)	0	0	-1	-6	-6	-2	-3	-3	-2	-2	-4	1
Above Normal (15%)	42	16	7	20	18	9	6	6	3	15	-8	12
Below Normal (17%)	-4	40	52	18	12	9	5	5	5	8	-8	-22
Dry (22%)	-110	-111	-27	-8	-5	-5	-12	-22	-23	-20	-104	-82
Critical (15%)	-225	-83	-80	-26	-27	-12	-10	-12	-9	-3	-148	-101

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-9-2a. San Luis Reservoir Surface Area, No Action Alternative 011221, End of Month Surface-Area (Acres)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	4,582	5,134	5,636	6,032	6,047	6,047	6,047	6,047	5,713	4,727	4,464	4,431
20%	3,988	4,574	5,192	5,688	6,047	6,047	6,047	5,950	5,357	4,330	3,668	3,746
30%	3,667	4,382	5,008	5,547	5,894	6,047	6,038	5,791	5,130	4,147	3,099	3,102
40%	3,394	4,266	4,913	5,420	5,768	6,034	5,966	5,703	5,004	3,990	2,531	2,820
50%	3,247	4,142	4,804	5,332	5,679	5,903	5,929	5,628	4,907	3,916	2,417	2,400
60%	3,148	4,025	4,759	5,283	5,613	5,854	5,794	5,523	4,850	3,842	2,364	2,364
70%	2,996	3,890	4,655	5,214	5,541	5,766	5,687	5,438	4,783	3,549	2,162	2,363
80%	2,588	3,731	4,568	5,138	5,476	5,656	5,595	5,338	4,663	3,427	1,778	1,978
90%	1,989	3,626	4,399	4,985	5,361	5,564	5,481	5,233	4,393	3,180	1,778	1,822
Long Term												
Full Simulation Period[a]	3,309	4,214	4,903	5,399	5,701	5,858	5,818	5,608	4,981	3,901	2,758	2,830
Water Year Types[b,c]												
Wet (32%)	3,542	4,558	5,209	5,515	5,819	5,979	5,994	5,827	5,241	4,097	2,863	2,953
Above Normal (15%)	2,364	3,930	4,787	5,390	5,721	5,883	5,870	5,614	4,911	3,457	2,240	1,965
Below Normal (17%)	3,384	4,141	4,865	5,449	5,775	5,901	5,850	5,612	4,890	3,828	2,417	2,811
Dry (22%)	3,270	3,961	4,655	5,253	5,534	5,692	5,596	5,331	4,721	3,823	2,677	2,890
Critical (15%)	3,720	4,219	4,771	5,319	5,591	5,771	5,680	5,543	4,986	4,122	3,570	3,357

Table 5B4-9-2b. San Luis Reservoir Surface Area, Alternative 1B 011221, End of Month Surface-Area (Acres)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	4,588	5,181	5,635	6,031	6,047	6,047	6,047	6,047	5,710	4,727	4,451	4,456
20%	3,807	4,610	5,189	5,679	6,046	6,047	6,047	5,952	5,365	4,345	3,395	3,576
30%	3,503	4,368	5,024	5,548	5,913	6,047	6,041	5,791	5,141	4,140	2,861	2,956
40%	3,387	4,239	4,919	5,446	5,804	6,047	5,982	5,705	5,011	3,995	2,487	2,815
50%	3,258	4,145	4,833	5,346	5,677	5,908	5,918	5,617	4,882	3,907	2,392	2,507
60%	3,153	4,065	4,778	5,281	5,608	5,863	5,783	5,497	4,831	3,856	2,364	2,364
70%	2,976	3,932	4,666	5,209	5,529	5,751	5,658	5,431	4,789	3,563	2,217	2,339
80%	2,415	3,766	4,571	5,133	5,482	5,665	5,601	5,345	4,670	3,422	1,778	1,976
90%	1,974	3,631	4,384	5,000	5,332	5,590	5,455	5,258	4,412	3,181	1,778	1,825
Long Term												
Full Simulation Period[a]	3,269	4,212	4,902	5,400	5,701	5,859	5,816	5,603	4,976	3,902	2,705	2,803
Water Year Types[b,c]												
Wet (32%)	3,541	4,557	5,208	5,513	5,816	5,979	5,992	5,825	5,240	4,096	2,858	2,953
Above Normal (15%)	2,444	3,964	4,807	5,399	5,729	5,893	5,877	5,622	4,916	3,491	2,228	2,001
Below Normal (17%)	3,386	4,190	4,924	5,481	5,797	5,913	5,854	5,616	4,896	3,835	2,407	2,815
Dry (22%)	3,187	3,958	4,642	5,233	5,521	5,680	5,579	5,301	4,694	3,805	2,559	2,818
Critical (15%)	3,488	4,118	4,697	5,312	5,584	5,771	5,681	5,542	4,983	4,118	3,414	3,242

Table 5B4-9-2c. San Luis Reservoir Surface Area, Alternative 1B 011221 minus No Action Alternative 011221, End of Month Surface-Area (Acres)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	5	47	-2	-1	0	0	0	0	-3	0	-13	25
20%	-181	36	-3	-9	0	0	0	1	8	15	-273	-169
30%	-164	-14	15	1	19	0	3	0	11	-7	-237	-146
40%	-7	-26	5	25	36	13	16	1	7	5	-44	-5
50%	11	2	29	14	-2	5	-11	-11	-25	-9	-25	107
60%	5	40	18	-2	-5	9	-11	-26	-19	14	0	0
70%	-20	42	11	-5	-13	-15	-29	-7	6	15	55	-24
80%	-173	35	4	-4	6	9	6	7	6	-6	0	-3
90%	-15	4	-16	15	-30	25	-26	25	18	1	0	3
Long Term												
Full Simulation Period[a]	-40	-2	-1	1	0	1	-2	-5	-5	1	-54	-27
Water Year Types[b,c]												
Wet (32%)	-1	-1	-1	-2	-3	1	-2	-2	-1	-1	-5	0
Above Normal (15%)	80	33	21	9	8	10	7	8	5	34	-11	36
Below Normal (17%)	2	49	59	31	22	12	5	4	6	7	-10	4
Dry (22%)	-83	-3	-13	-19	-13	-12	-17	-30	-27	-18	-117	-72
Critical (15%)	-232	-100	-74	-7	-7	0	2	-1	-3	-5	-157	-116

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-9-3a. San Luis Reservoir Surface Area, No Action Alternative 011221, End of Month Surface-Area (Acres)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	4,582	5,134	5,636	6,032	6,047	6,047	6,047	6,047	5,713	4,727	4,464	4,431
20%	3,988	4,574	5,192	5,688	6,047	6,047	6,047	5,950	5,357	4,330	3,668	3,746
30%	3,667	4,382	5,008	5,547	5,894	6,047	6,038	5,791	5,130	4,147	3,099	3,102
40%	3,394	4,266	4,913	5,420	5,768	6,034	5,966	5,703	5,004	3,990	2,531	2,820
50%	3,247	4,142	4,804	5,332	5,679	5,903	5,929	5,628	4,907	3,916	2,417	2,400
60%	3,148	4,025	4,759	5,283	5,613	5,854	5,794	5,523	4,850	3,842	2,364	2,364
70%	2,996	3,890	4,655	5,214	5,541	5,766	5,687	5,438	4,783	3,549	2,162	2,363
80%	2,588	3,731	4,568	5,138	5,476	5,656	5,595	5,338	4,663	3,427	1,778	1,978
90%	1,989	3,626	4,399	4,985	5,361	5,564	5,481	5,233	4,393	3,180	1,778	1,822
Long Term												
Full Simulation Period[a]	3,309	4,214	4,903	5,399	5,701	5,858	5,818	5,608	4,981	3,901	2,758	2,830
Water Year Types[b,c]												
Wet (32%)	3,542	4,558	5,209	5,515	5,819	5,979	5,994	5,827	5,241	4,097	2,863	2,953
Above Normal (15%)	2,364	3,930	4,787	5,390	5,721	5,883	5,870	5,614	4,911	3,457	2,240	1,965
Below Normal (17%)	3,384	4,141	4,865	5,449	5,775	5,901	5,850	5,612	4,890	3,828	2,417	2,811
Dry (22%)	3,270	3,961	4,655	5,253	5,534	5,692	5,596	5,331	4,721	3,823	2,677	2,890
Critical (15%)	3,720	4,219	4,771	5,319	5,591	5,771	5,680	5,543	4,986	4,122	3,570	3,357

Table 5B4-9-3b. San Luis Reservoir Surface Area, Alternative 2 011221, End of Month Surface-Area (Acres)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	4,585	5,179	5,634	6,029	6,047	6,047	6,047	6,047	5,710	4,727	4,451	4,441
20%	3,819	4,590	5,189	5,678	6,045	6,047	6,047	5,952	5,366	4,346	3,397	3,521
30%	3,503	4,348	5,033	5,541	5,908	6,047	6,044	5,795	5,144	4,154	2,876	2,982
40%	3,385	4,226	4,915	5,433	5,793	6,037	5,982	5,706	5,007	3,998	2,499	2,804
50%	3,250	4,145	4,829	5,356	5,673	5,904	5,915	5,604	4,883	3,904	2,382	2,387
60%	3,130	3,994	4,777	5,287	5,612	5,863	5,782	5,497	4,826	3,855	2,364	2,364
70%	2,736	3,905	4,659	5,209	5,529	5,752	5,656	5,413	4,786	3,563	2,176	2,339
80%	2,417	3,753	4,559	5,131	5,478	5,663	5,600	5,339	4,664	3,445	1,778	1,976
90%	2,035	3,626	4,363	4,994	5,332	5,556	5,455	5,258	4,408	3,173	1,778	1,825
Long Term												
Full Simulation Period[a]	3,260	4,185	4,895	5,395	5,698	5,857	5,814	5,602	4,975	3,899	2,709	2,795
Water Year Types[b,c]												
Wet (32%)	3,542	4,558	5,209	5,510	5,814	5,978	5,991	5,824	5,239	4,096	2,858	2,953
Above Normal (15%)	2,406	3,947	4,794	5,404	5,734	5,893	5,877	5,620	4,915	3,476	2,231	1,977
Below Normal (17%)	3,382	4,179	4,916	5,464	5,783	5,906	5,850	5,613	4,893	3,835	2,406	2,795
Dry (22%)	3,162	3,842	4,622	5,239	5,528	5,686	5,583	5,308	4,697	3,803	2,572	2,808
Critical (15%)	3,509	4,138	4,700	5,293	5,564	5,760	5,671	5,533	4,978	4,116	3,421	3,251

Table 5B4-9-3c. San Luis Reservoir Surface Area, Alternative 2 011221 minus No Action Alternative 011221, End of Month Surface-Area (Acres)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	2	45	-3	-3	0	0	0	0	-3	0	-13	10
20%	-169	16	-3	-10	-1	0	0	2	9	17	-272	-224
30%	-164	-34	25	-6	14	0	7	4	14	7	-223	-120
40%	-9	-40	1	12	24	4	17	3	3	8	-33	-16
50%	3	2	26	25	-6	1	-14	-24	-23	-13	-35	-13
60%	-18	-31	17	3	-1	9	-12	-25	-24	14	0	0
70%	-260	15	4	-5	-12	-14	-31	-26	3	14	13	-24
80%	-171	22	-9	-7	3	7	6	1	1	18	1	-2
90%	46	0	-37	9	-30	-9	-27	25	15	-8	0	3
Long Term												
Full Simulation Period[a]	-49	-29	-8	-4	-4	-1	-4	-6	-6	-2	-49	-34
Water Year Types[b,c]												
Wet (32%)	0	0	-1	-5	-5	-1	-3	-3	-2	-1	-4	1
Above Normal (15%)	42	16	7	15	13	9	6	6	4	20	-8	12
Below Normal (17%)	-2	38	52	15	8	5	1	1	3	7	-11	-17
Dry (22%)	-108	-119	-33	-14	-6	-6	-13	-22	-24	-20	-104	-82
Critical (15%)	-210	-81	-71	-26	-27	-11	-9	-10	-8	-6	-150	-106

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-9-4a. San Luis Reservoir Surface Area, No Action Alternative 011221, End of Month Surface-Area (Acres)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	4,582	5,134	5,636	6,032	6,047	6,047	6,047	6,047	5,713	4,727	4,464	4,431
20%	3,988	4,574	5,192	5,688	6,047	6,047	6,047	5,950	5,357	4,330	3,668	3,746
30%	3,667	4,382	5,008	5,547	5,894	6,047	6,038	5,791	5,130	4,147	3,099	3,102
40%	3,394	4,266	4,913	5,420	5,768	6,034	5,966	5,703	5,004	3,990	2,531	2,820
50%	3,247	4,142	4,804	5,332	5,679	5,903	5,929	5,628	4,907	3,916	2,417	2,400
60%	3,148	4,025	4,759	5,283	5,613	5,854	5,794	5,523	4,850	3,842	2,364	2,364
70%	2,996	3,890	4,655	5,214	5,541	5,766	5,687	5,438	4,783	3,549	2,162	2,363
80%	2,588	3,731	4,568	5,138	5,476	5,656	5,595	5,338	4,663	3,427	1,778	1,978
90%	1,989	3,626	4,399	4,985	5,361	5,564	5,481	5,233	4,393	3,180	1,778	1,822
Long Term												
Full Simulation Period[a]	3,309	4,214	4,903	5,399	5,701	5,858	5,818	5,608	4,981	3,901	2,758	2,830
Water Year Types[b,c]												
Wet (32%)	3,542	4,558	5,209	5,515	5,819	5,979	5,994	5,827	5,241	4,097	2,863	2,953
Above Normal (15%)	2,364	3,930	4,787	5,390	5,721	5,883	5,870	5,614	4,911	3,457	2,240	1,965
Below Normal (17%)	3,384	4,141	4,865	5,449	5,775	5,901	5,850	5,612	4,890	3,828	2,417	2,811
Dry (22%)	3,270	3,961	4,655	5,253	5,534	5,692	5,596	5,331	4,721	3,823	2,677	2,890
Critical (15%)	3,720	4,219	4,771	5,319	5,591	5,771	5,680	5,543	4,986	4,122	3,570	3,357

Table 5B4-9-4b. San Luis Reservoir Surface Area, Alternative 3 020121, End of Month Surface-Area (Acres)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	4,569	5,179	5,632	6,028	6,047	6,047	6,047	6,047	5,710	4,727	4,347	4,393
20%	3,863	4,535	5,198	5,698	6,047	6,047	6,047	5,952	5,362	4,314	3,436	3,650
30%	3,649	4,391	5,060	5,602	5,949	6,047	6,047	5,811	5,150	4,161	3,027	3,115
40%	3,479	4,302	4,959	5,505	5,835	6,047	5,991	5,734	5,015	3,992	2,514	2,888
50%	3,298	4,219	4,918	5,377	5,697	5,927	5,919	5,602	4,889	3,892	2,373	2,623
60%	3,181	4,142	4,776	5,290	5,647	5,872	5,772	5,513	4,834	3,846	2,364	2,364
70%	3,075	4,021	4,692	5,236	5,545	5,743	5,666	5,433	4,787	3,611	2,224	2,364
80%	2,805	3,787	4,594	5,177	5,482	5,665	5,601	5,353	4,668	3,493	1,786	2,004
90%	2,334	3,637	4,538	4,998	5,339	5,616	5,461	5,253	4,417	3,303	1,778	1,826
Long Term												
Full Simulation Period[a]	3,373	4,262	4,933	5,422	5,720	5,866	5,821	5,607	4,981	3,923	2,729	2,860
Water Year Types[b,c]												
Wet (32%)	3,538	4,556	5,208	5,532	5,832	5,981	5,994	5,827	5,241	4,098	2,858	2,953
Above Normal (15%)	2,852	4,140	4,907	5,431	5,752	5,902	5,882	5,627	4,921	3,613	2,239	2,173
Below Normal (17%)	3,463	4,238	4,938	5,511	5,825	5,912	5,852	5,613	4,894	3,838	2,408	2,884
Dry (22%)	3,297	4,013	4,708	5,263	5,546	5,701	5,596	5,323	4,721	3,832	2,601	2,851
Critical (15%)	3,543	4,150	4,693	5,312	5,584	5,774	5,685	5,533	4,969	4,091	3,507	3,330

Table 5B4-9-4c. San Luis Reservoir Surface Area, Alternative 3 020121 minus No Action Alternative 011221, End of Month Surface-Area (Acres)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-13	45	-4	-4	0	0	0	0	-3	0	-117	-39
20%	-124	-39	6	10	0	0	0	2	5	-16	-232	-96
30%	-18	9	52	56	56	0	9	20	20	14	-72	13
40%	84	36	46	84	67	13	25	31	10	1	-17	68
50%	51	77	115	46	18	24	-10	-26	-18	-24	-44	223
60%	33	117	16	7	34	18	-22	-10	-15	5	0	0
70%	79	131	37	22	3	-23	-21	-5	4	62	62	2
80%	218	56	27	39	6	9	6	15	5	65	9	26
90%	344	11	139	13	-22	52	-20	20	24	123	0	4
Long Term												
Full Simulation Period[a]	64	48	30	23	19	8	3	-1	0	22	-29	30
Water Year Types[b,c]												
Wet (32%)	-4	-2	-1	17	13	2	0	0	0	0	-5	0
Above Normal (15%)	488	210	120	41	31	18	12	14	10	156	-1	208
Below Normal (17%)	79	97	74	61	50	11	2	1	4	10	-9	73
Dry (22%)	27	52	53	10	11	9	0	-8	0	9	-76	-40
Critical (15%)	-177	-69	-78	-7	-7	3	5	-10	-17	-31	-64	-28

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Figure 5B4-9-1. San Luis Reservoir Surface Area, October

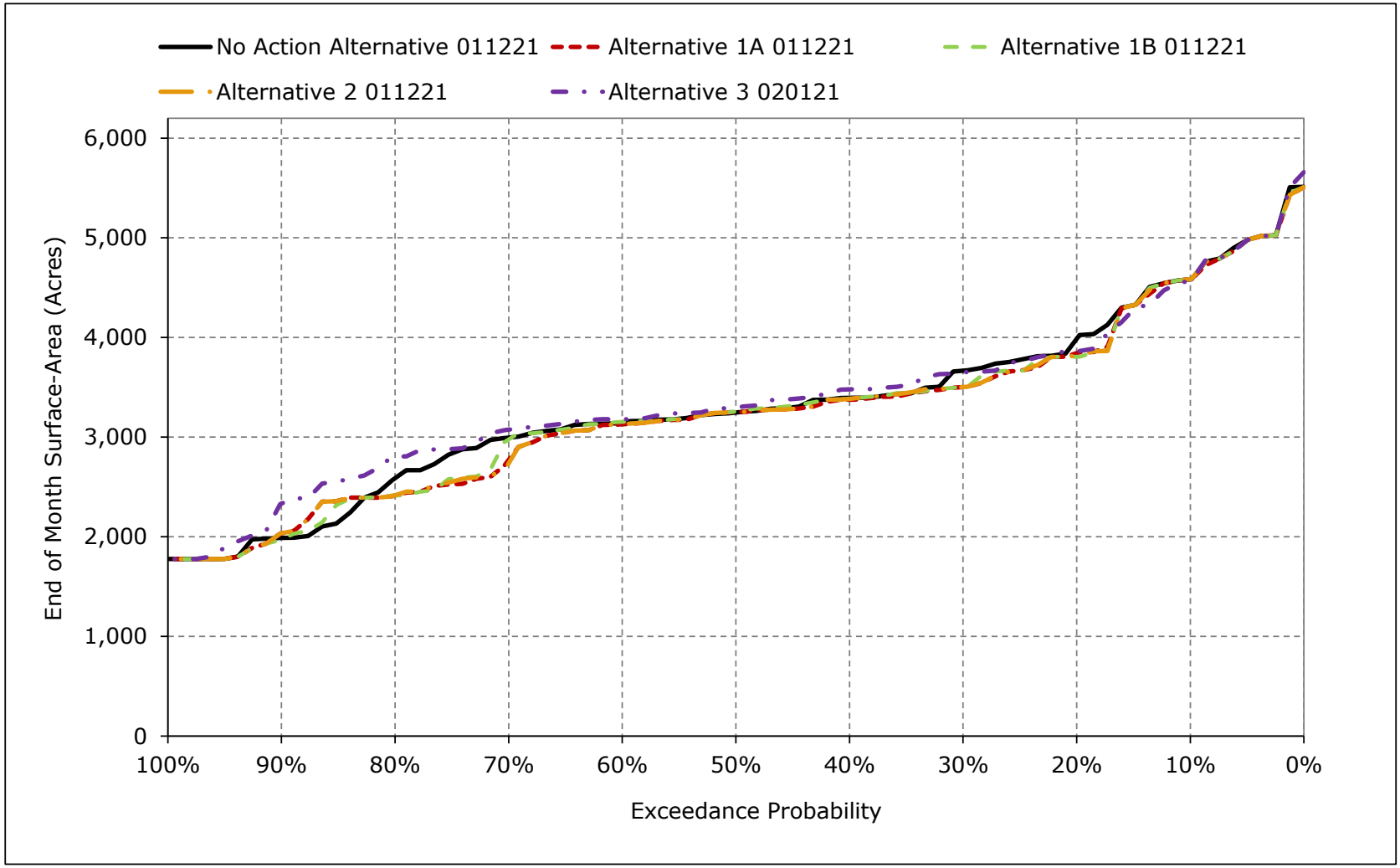


Figure 5B4-9-2. San Luis Reservoir Surface Area, November

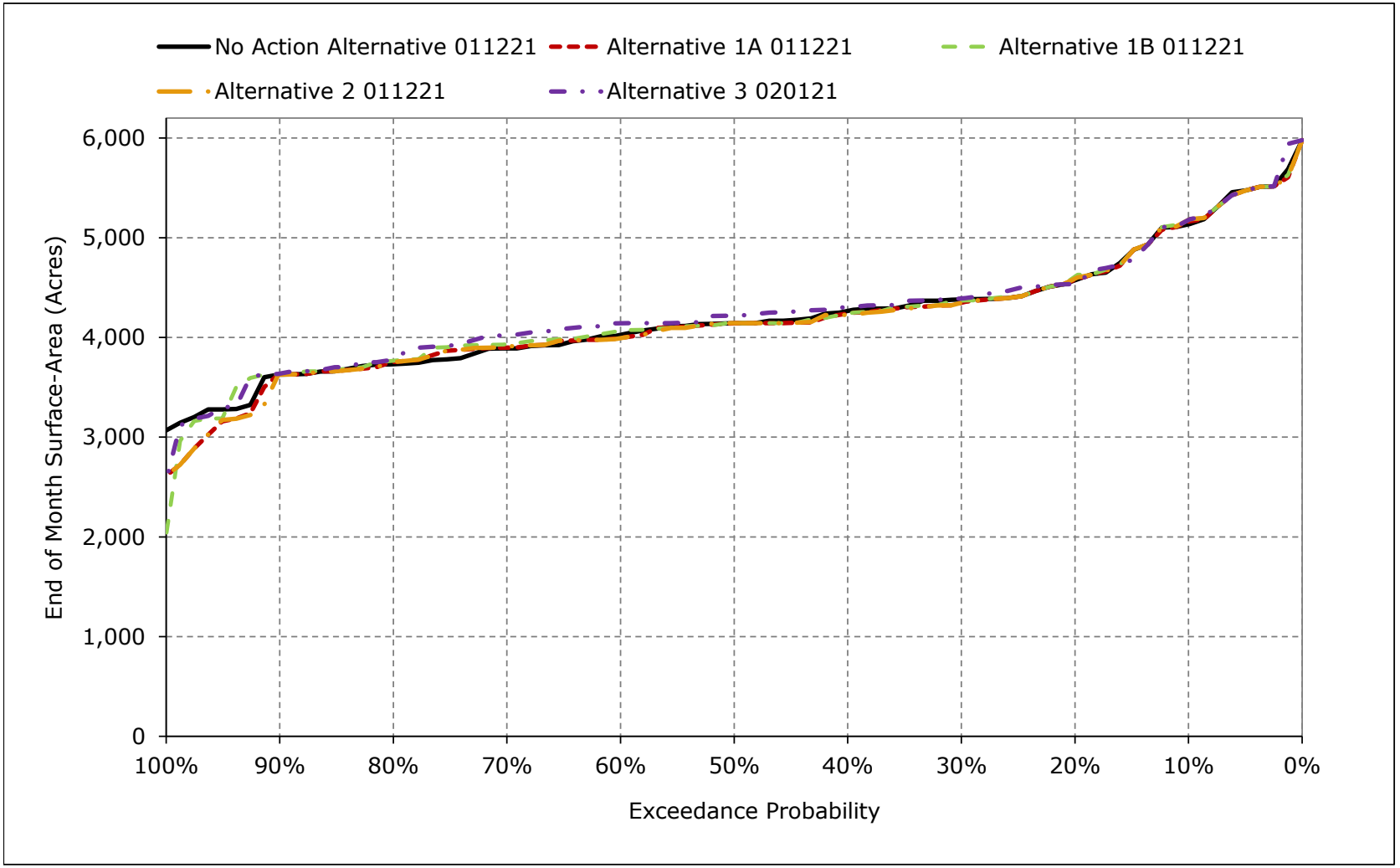


Figure 5B4-9-3. San Luis Reservoir Surface Area, December

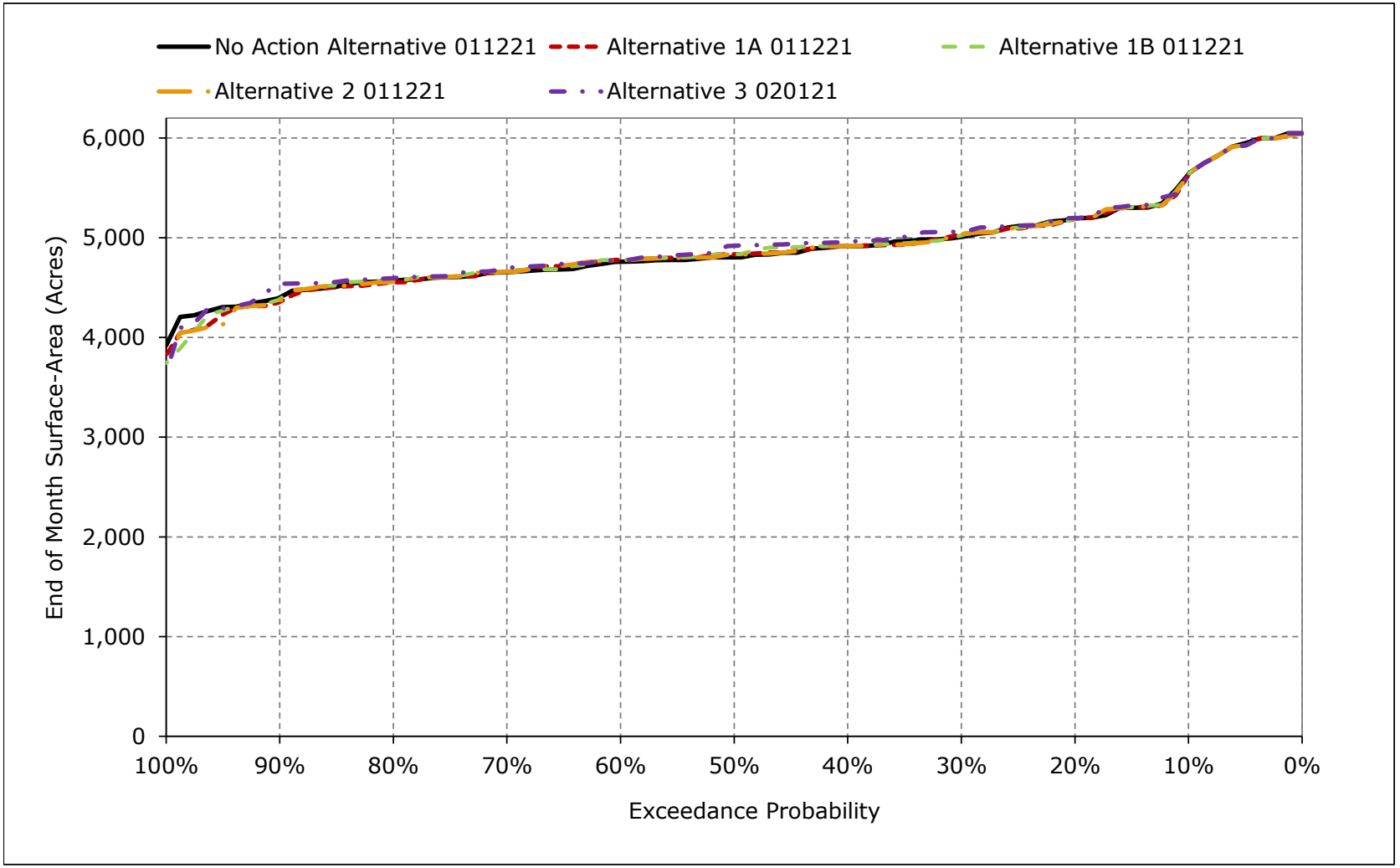


Figure 5B4-9-4. San Luis Reservoir Surface Area, January

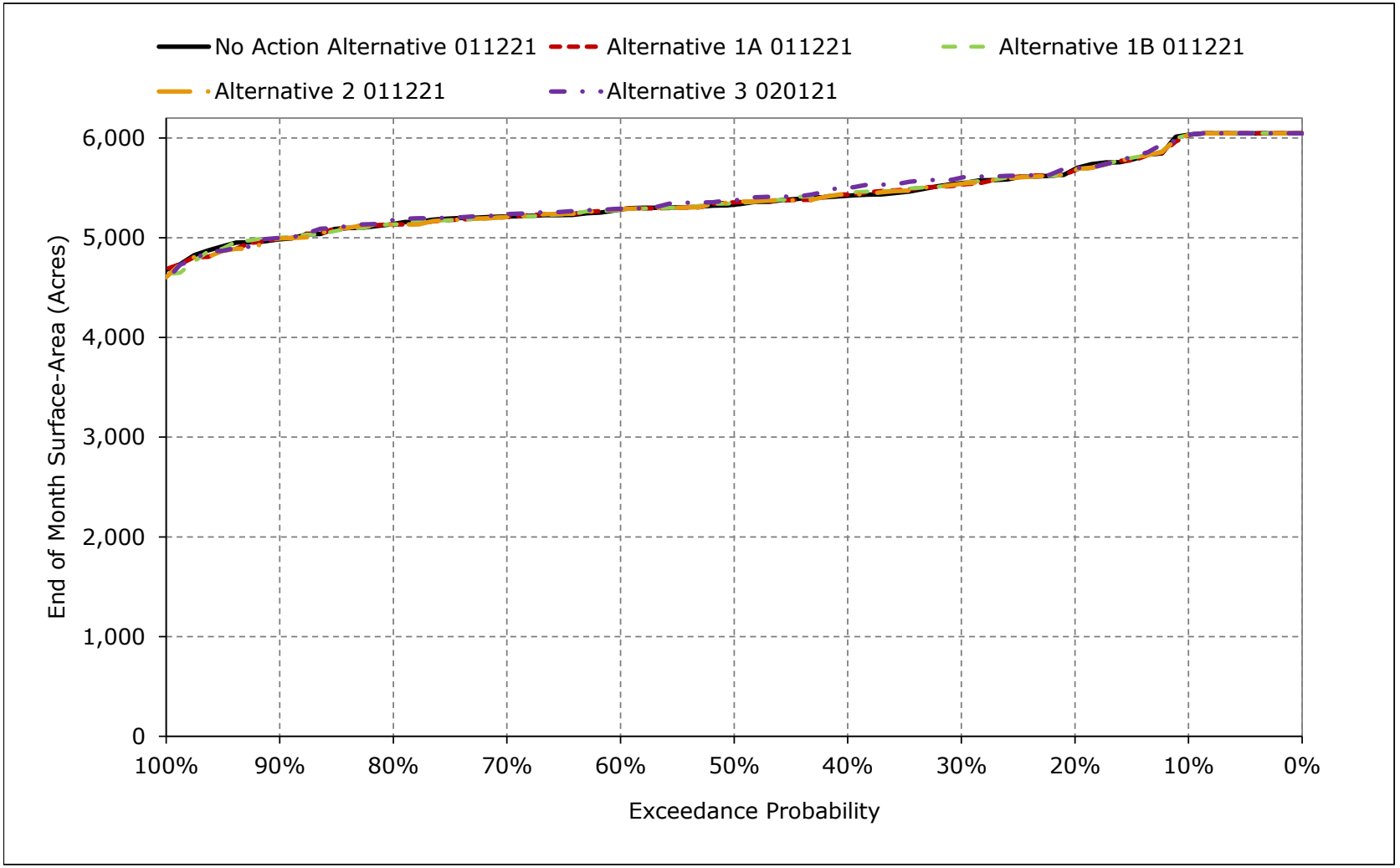


Figure 5B4-9-5. San Luis Reservoir Surface Area, February

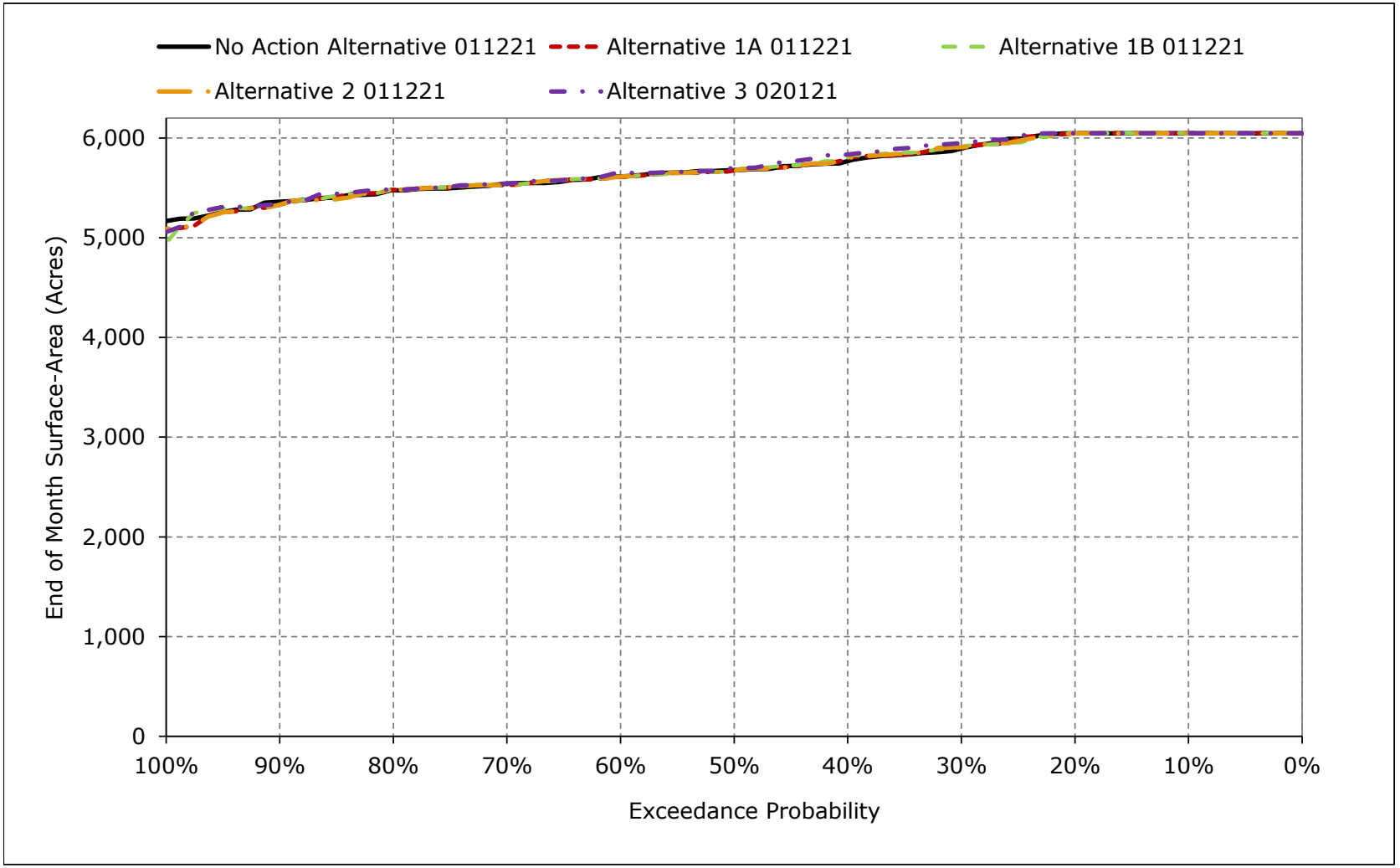


Figure 5B4-9-6. San Luis Reservoir Surface Area, March

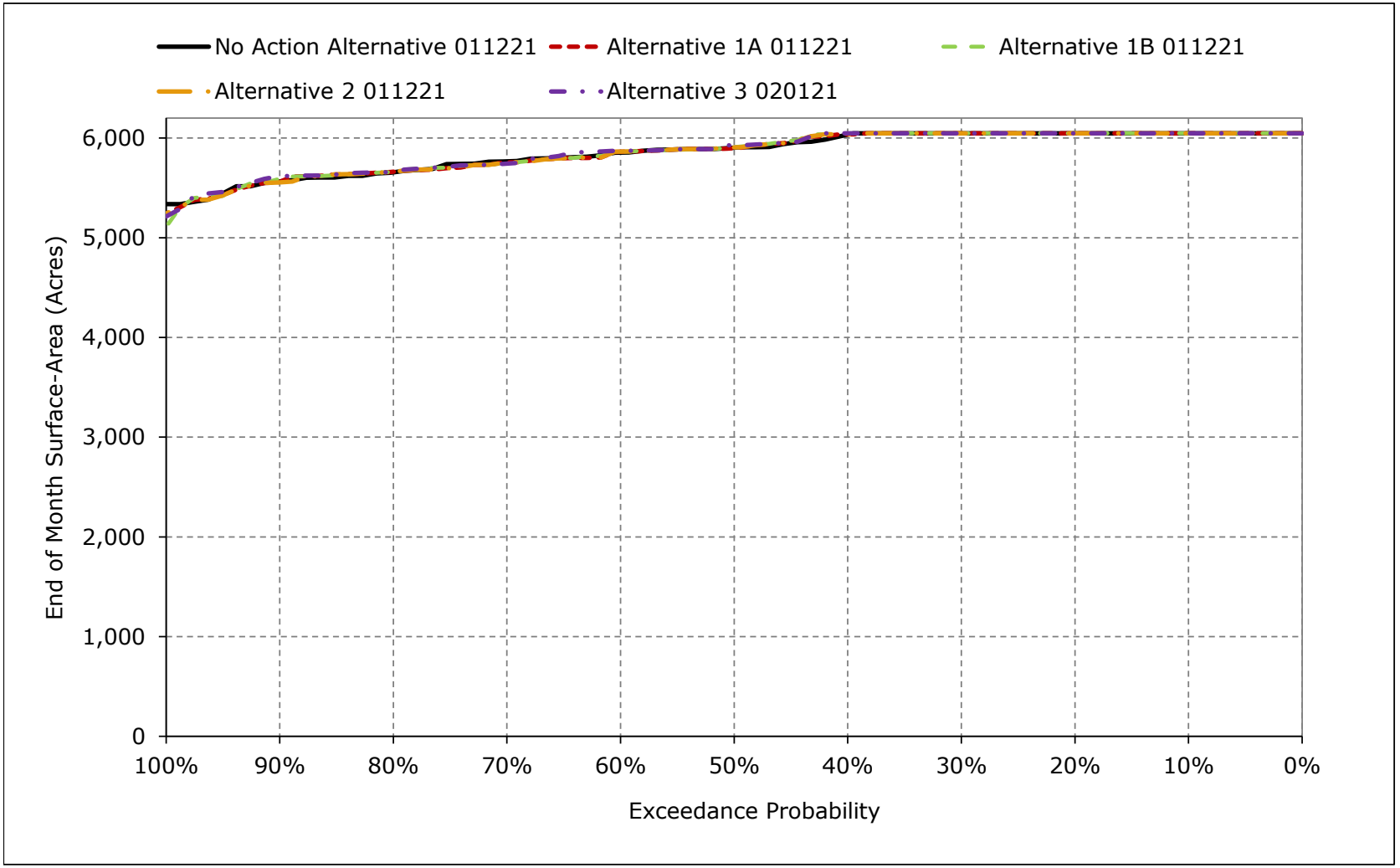


Figure 5B4-9-7. San Luis Reservoir Surface Area, April

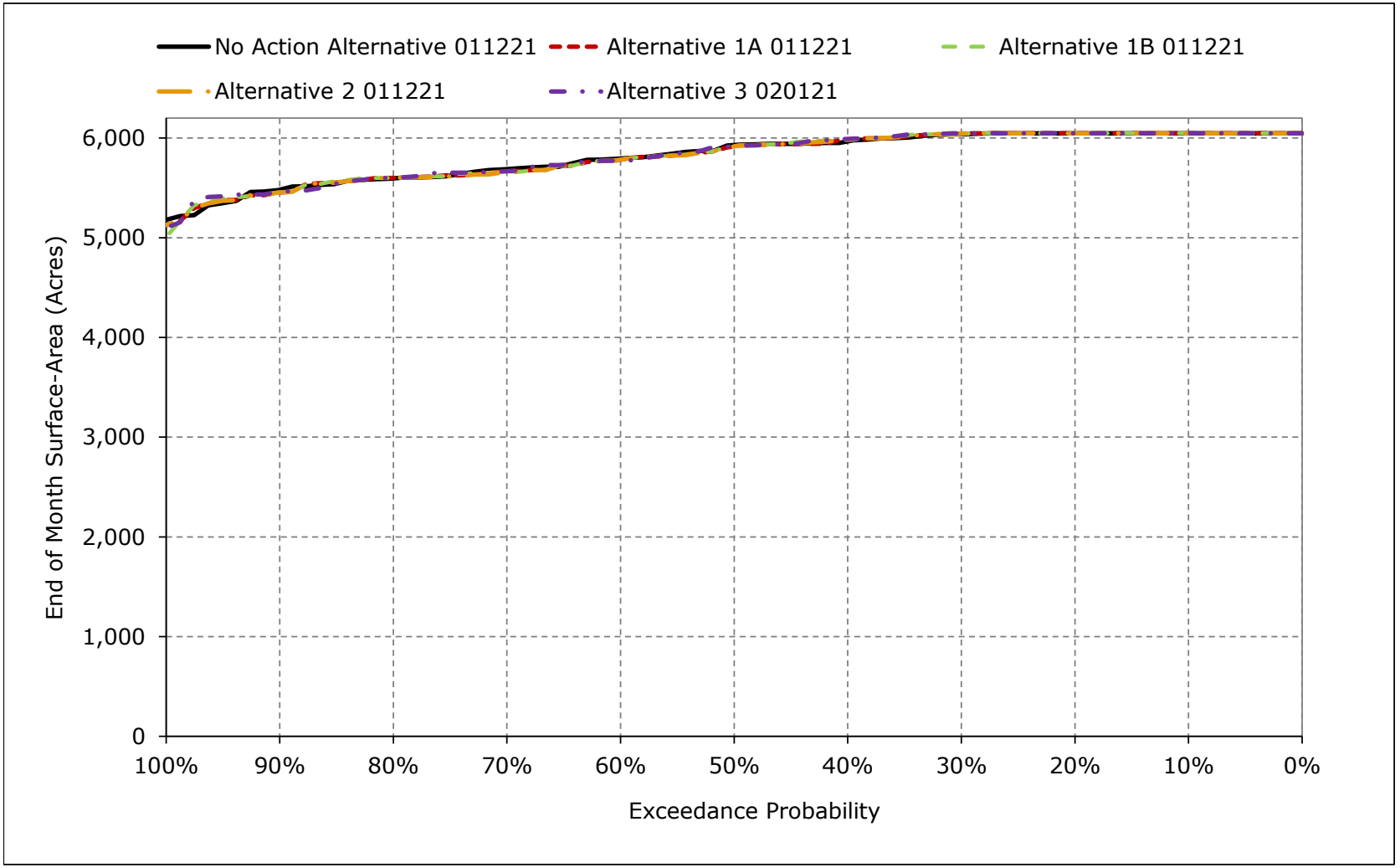


Figure 5B4-9-8. San Luis Reservoir Surface Area, May

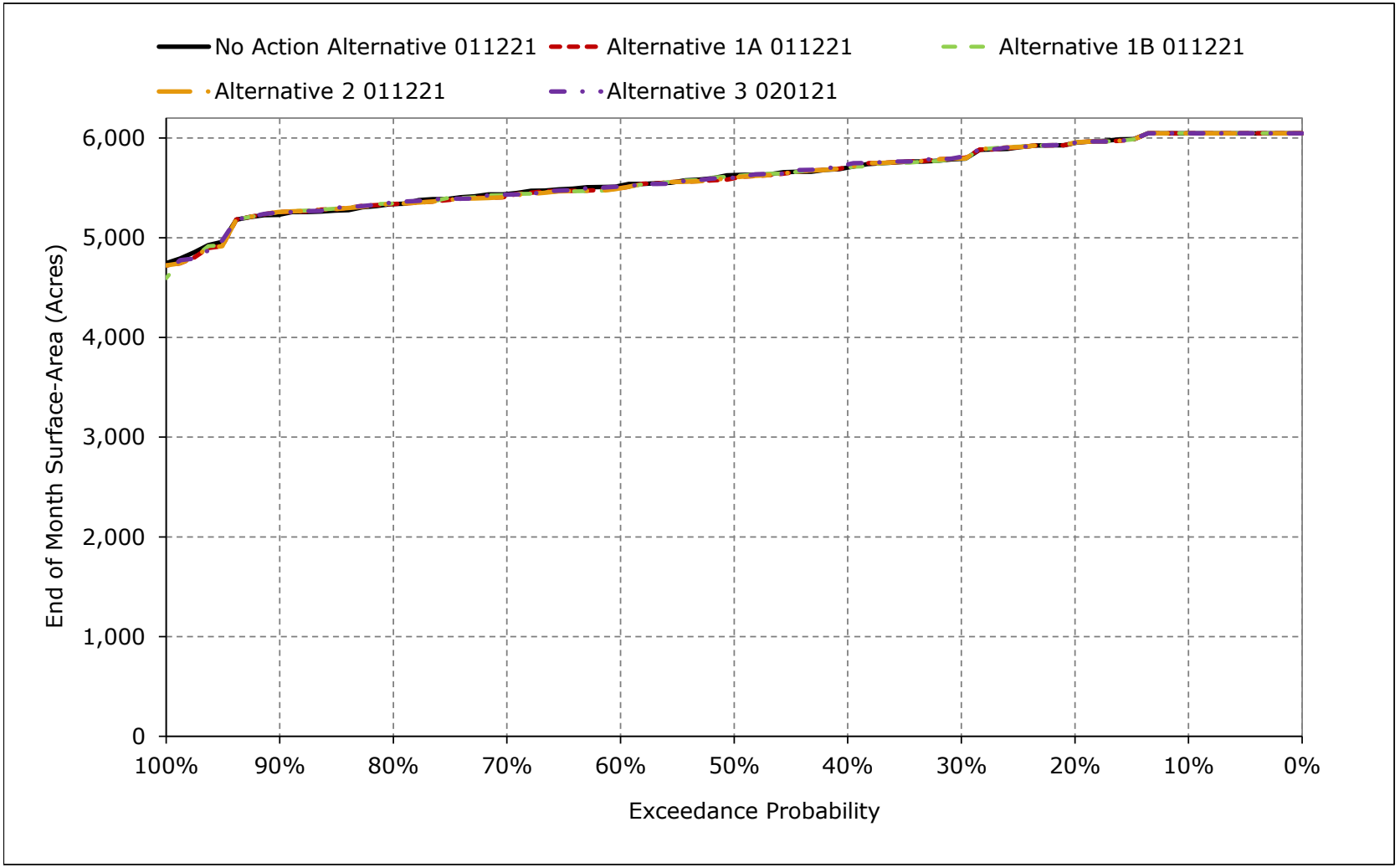


Figure 5B4-9-9. San Luis Reservoir Surface Area, June

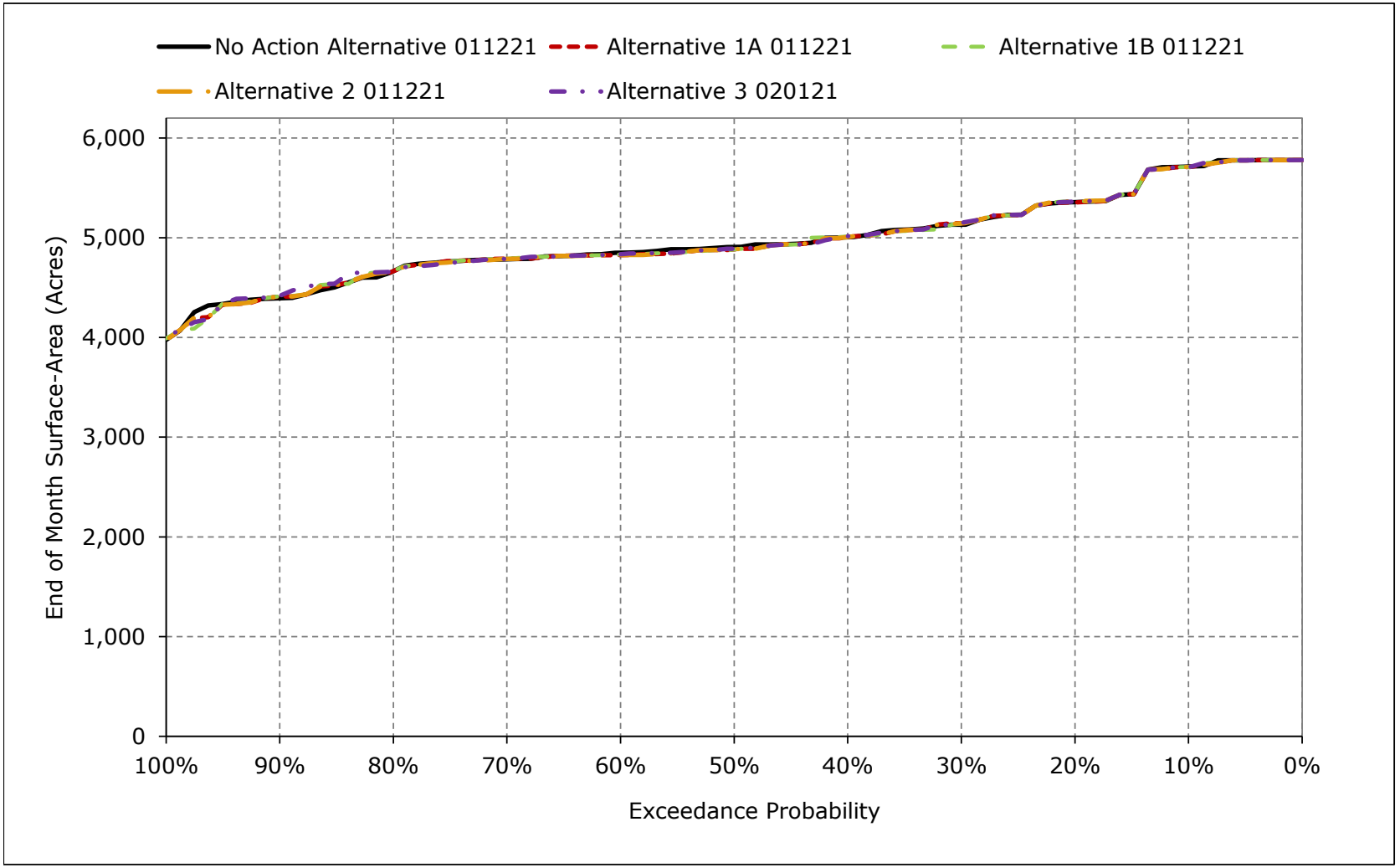


Figure 5B4-9-10. San Luis Reservoir Surface Area, July

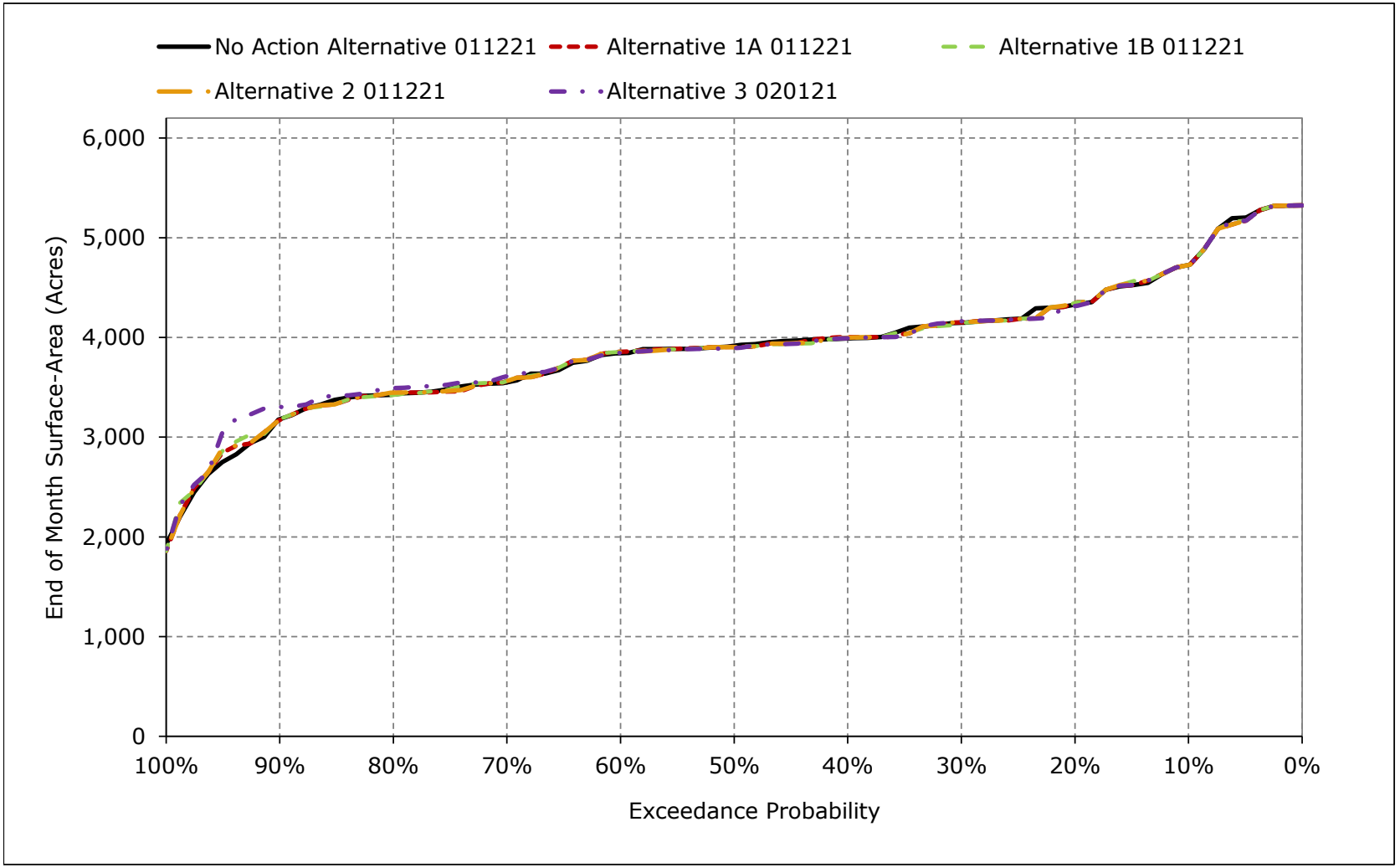


Figure 5B4-9-11. San Luis Reservoir Surface Area, August

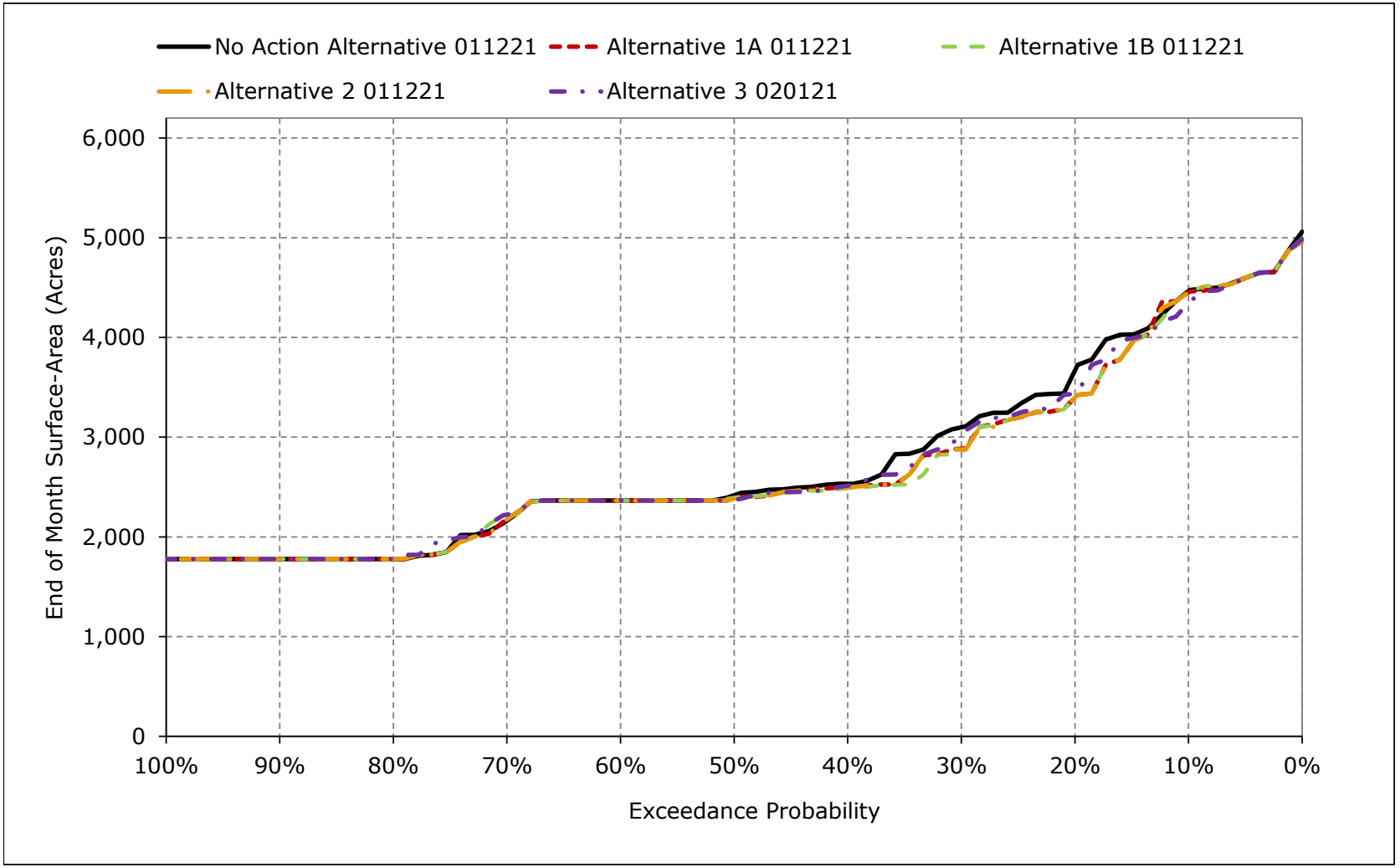


Figure 5B4-9-12. San Luis Reservoir Surface Area, September

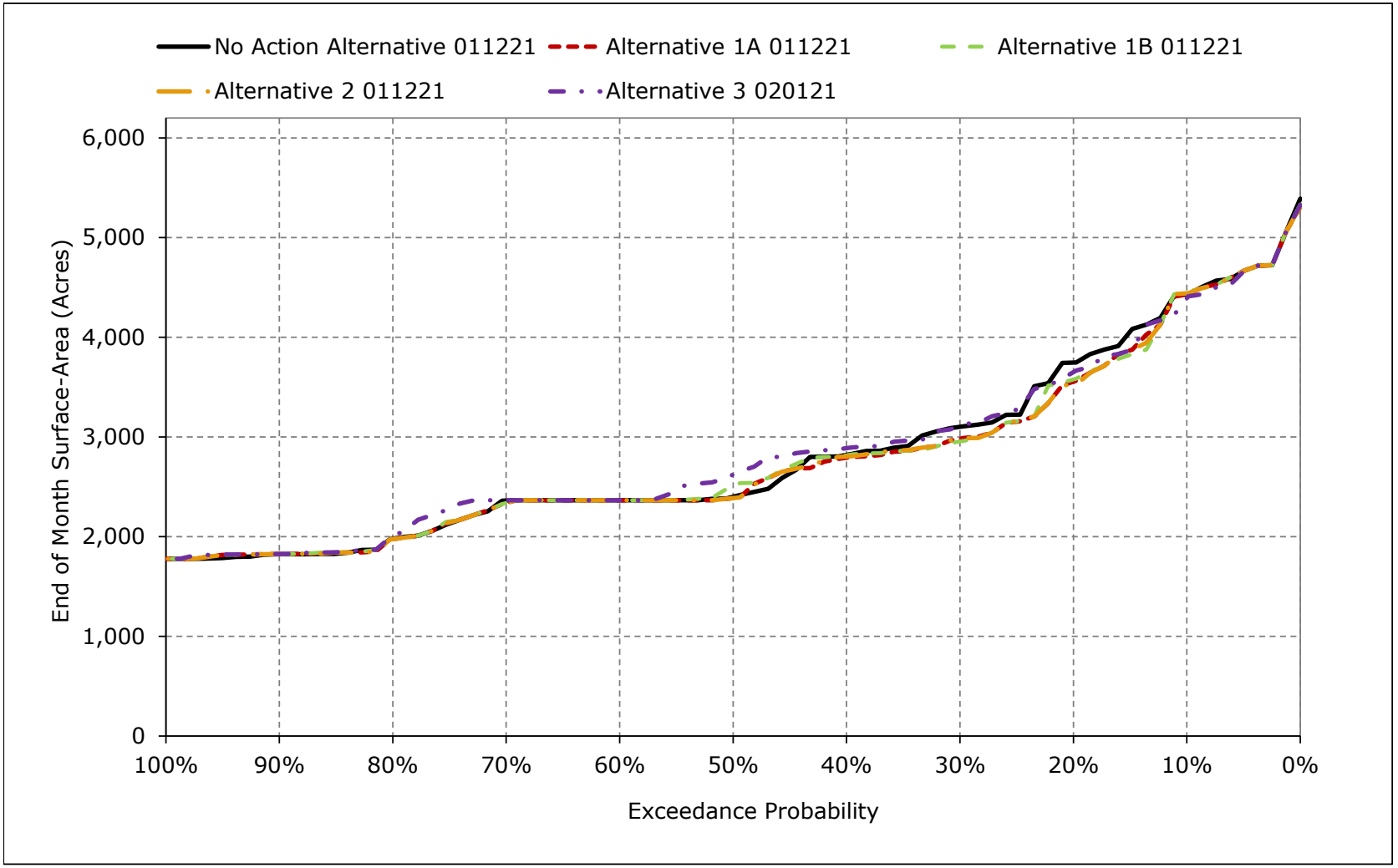


Table 5B4-10-1a. San Luis CVP Storage, No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	431	607	794	965	972	972	972	972	826	470	399	390
20%	293	429	626	815	972	972	972	927	685	362	234	245
30%	234	377	564	759	901	972	968	858	605	324	150	150
40%	193	348	532	710	849	966	934	822	563	293	103	125
50%	172	324	495	675	811	905	917	791	530	279	94	93
60%	157	300	480	657	785	885	859	750	510	264	90	90
70%	138	273	451	633	757	848	815	717	488	216	74	90
80%	107	243	427	608	731	802	778	677	453	198	45	60
90%	61	228	381	556	686	766	733	640	380	162	45	48
Long Term												
Full Simulation Period[a]	216	362	540	708	825	890	874	789	564	300	151	159
Water Year Types[b,c]												
Wet (32%)	271	454	645	754	874	942	948	877	655	358	177	189
Above Normal (15%)	102	286	493	701	833	899	895	789	539	223	86	60
Below Normal (17%)	194	331	520	728	854	908	886	789	532	272	95	129
Dry (22%)	196	305	462	652	757	819	781	683	481	272	136	161
Critical (15%)	265	363	498	678	780	853	814	759	557	323	246	223

Table 5B4-10-1b. San Luis CVP Storage, Alternative 1A 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	431	615	792	963	972	972	972	972	824	470	395	390
20%	264	429	625	811	971	972	972	928	684	366	194	217
30%	210	367	572	753	908	972	971	862	610	325	130	137
40%	191	343	532	714	859	968	941	823	563	296	100	123
50%	172	323	505	683	809	903	911	779	522	276	91	92
60%	154	294	486	658	783	888	855	740	503	267	90	90
70%	121	275	452	632	752	843	806	708	490	218	76	88
80%	94	246	423	606	732	805	780	677	453	201	45	60
90%	65	228	370	559	675	765	723	648	384	161	45	49
Long Term												
Full Simulation Period[a]	209	358	538	708	824	890	872	787	563	299	144	153
Water Year Types[b,c]												
Wet (32%)	271	454	645	752	871	941	947	876	654	358	176	189
Above Normal (15%)	105	289	495	708	840	904	898	792	540	225	85	62
Below Normal (17%)	194	339	536	734	859	912	888	790	533	273	95	128
Dry (22%)	181	290	456	650	755	818	776	675	474	268	121	147
Critical (15%)	239	347	477	669	771	848	810	754	554	323	229	208

Table 5B4-10-1c. San Luis CVP Storage, Alternative 1A 011221 minus No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	0	8	-2	-2	0	0	0	0	-1	0	-4	0
20%	-29	1	-1	-4	-1	0	0	1	-1	4	-40	-28
30%	-24	-9	8	-6	7	0	3	4	5	1	-20	-13
40%	-3	-5	0	5	10	2	7	1	1	2	-2	-2
50%	0	0	10	9	-2	-2	-6	-12	-8	-2	-3	-1
60%	-3	-6	6	1	-2	3	-5	-10	-8	3	0	0
70%	-17	2	1	-2	-5	-5	-9	-9	2	2	1	-2
80%	-13	3	-4	-2	1	3	2	0	0	2	0	0
90%	4	0	-11	3	-12	-1	-10	8	4	-1	0	0
Long Term												
Full Simulation Period[a]	-7	-4	-2	-1	-1	0	-1	-2	-2	-1	-6	-5
Water Year Types[b,c]												
Wet (32%)	0	0	0	-2	-3	-1	-2	-1	-1	0	-1	0
Above Normal (15%)	4	3	2	7	7	4	3	3	1	1	-1	2
Below Normal (17%)	-1	8	17	6	5	4	2	2	1	1	0	-2
Dry (22%)	-16	-15	-7	-3	-2	-2	-5	-8	-7	-4	-15	-14
Critical (15%)	-26	-16	-21	-9	-10	-5	-4	-5	-3	0	-18	-15

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-10-2a. San Luis CVP Storage, No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	431	607	794	965	972	972	972	972	826	470	399	390
20%	293	429	626	815	972	972	972	927	685	362	234	245
30%	234	377	564	759	901	972	968	858	605	324	150	150
40%	193	348	532	710	849	966	934	822	563	293	103	125
50%	172	324	495	675	811	905	917	791	530	279	94	93
60%	157	300	480	657	785	885	859	750	510	264	90	90
70%	138	273	451	633	757	848	815	717	488	216	74	90
80%	107	243	427	608	731	802	778	677	453	198	45	60
90%	61	228	381	556	686	766	733	640	380	162	45	48
Long Term												
Full Simulation Period[a]	216	362	540	708	825	890	874	789	564	300	151	159
Water Year Types[b,c]												
Wet (32%)	271	454	645	754	874	942	948	877	655	358	177	189
Above Normal (15%)	102	286	493	701	833	899	895	789	539	223	86	60
Below Normal (17%)	194	331	520	728	854	908	886	789	532	272	95	129
Dry (22%)	196	305	462	652	757	819	781	683	481	272	136	161
Critical (15%)	265	363	498	678	780	853	814	759	557	323	246	223

Table 5B4-10-2b. San Luis CVP Storage, Alternative 1B 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	432	622	794	964	972	972	972	972	824	470	395	397
20%	257	438	625	811	972	972	972	928	688	367	194	220
30%	210	373	569	759	910	972	969	858	609	323	128	135
40%	192	343	534	719	864	972	942	822	565	294	99	125
50%	173	324	505	680	811	908	912	787	521	277	92	101
60%	158	308	486	656	783	888	855	740	504	267	90	90
70%	137	282	454	632	752	841	803	714	490	218	79	88
80%	94	249	428	606	734	805	780	680	455	198	45	60
90%	60	228	377	561	675	776	723	648	385	162	45	49
Long Term												
Full Simulation Period[a]	211	363	541	709	825	891	873	787	563	299	144	154
Water Year Types[b,c]												
Wet (32%)	271	454	645	753	872	942	948	876	654	358	176	189
Above Normal (15%)	110	293	499	704	835	904	898	793	540	226	85	65
Below Normal (17%)	195	341	539	739	864	913	888	790	534	274	95	129
Dry (22%)	185	308	460	646	753	815	775	672	474	268	120	148
Critical (15%)	238	345	479	676	777	853	815	759	556	322	227	205

Table 5B4-10-2c. San Luis CVP Storage, Alternative 1B 011221 minus No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	1	16	-1	-1	0	0	0	0	-1	0	-4	7
20%	-36	10	-1	-4	0	0	0	1	3	4	-40	-25
30%	-24	-4	5	0	9	0	2	0	4	-1	-22	-15
40%	-1	-5	2	10	15	6	7	0	2	1	-3	0
50%	2	0	10	6	-1	3	-5	-4	-8	-2	-2	8
60%	1	8	6	-1	-2	4	-5	-10	-6	3	0	0
70%	-2	8	3	-2	-5	-6	-12	-3	2	2	4	-2
80%	-13	6	1	-2	2	4	2	3	2	-1	0	0
90%	-1	1	-4	5	-12	10	-10	9	5	0	0	0
Long Term												
Full Simulation Period[a]	-5	1	1	1	0	1	-1	-2	-1	0	-7	-5
Water Year Types[b,c]												
Wet (32%)	0	0	0	-1	-1	0	-1	-1	0	0	-1	0
Above Normal (15%)	8	7	6	3	3	5	3	3	2	2	-1	5
Below Normal (17%)	0	10	19	11	9	5	2	1	2	1	-1	0
Dry (22%)	-11	4	-2	-6	-4	-4	-6	-10	-8	-4	-15	-13
Critical (15%)	-27	-18	-19	-2	-3	0	1	0	-1	0	-19	-17

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-10-3a. San Luis CVP Storage, No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	431	607	794	965	972	972	972	972	826	470	399	390
20%	293	429	626	815	972	972	972	927	685	362	234	245
30%	234	377	564	759	901	972	968	858	605	324	150	150
40%	193	348	532	710	849	966	934	822	563	293	103	125
50%	172	324	495	675	811	905	917	791	530	279	94	93
60%	157	300	480	657	785	885	859	750	510	264	90	90
70%	138	273	451	633	757	848	815	717	488	216	74	90
80%	107	243	427	608	731	802	778	677	453	198	45	60
90%	61	228	381	556	686	766	733	640	380	162	45	48
Long Term												
Full Simulation Period[a]	216	362	540	708	825	890	874	789	564	300	151	159
Water Year Types[b,c]												
Wet (32%)	271	454	645	754	874	942	948	877	655	358	177	189
Above Normal (15%)	102	286	493	701	833	899	895	789	539	223	86	60
Below Normal (17%)	194	331	520	728	854	908	886	789	532	272	95	129
Dry (22%)	196	305	462	652	757	819	781	683	481	272	136	161
Critical (15%)	265	363	498	678	780	853	814	759	557	323	246	223

Table 5B4-10-3b. San Luis CVP Storage, Alternative 2 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	432	622	793	964	972	972	972	972	824	470	395	393
20%	259	433	625	811	971	972	972	928	688	367	194	212
30%	210	367	572	757	908	972	971	860	610	326	129	137
40%	192	340	532	714	859	968	942	823	564	295	100	124
50%	172	324	504	684	809	906	911	782	522	276	91	92
60%	154	294	486	658	785	888	855	740	502	267	90	90
70%	119	276	452	632	752	842	802	706	489	218	76	88
80%	94	246	425	605	732	805	780	678	453	201	45	60
90%	65	228	371	559	675	763	723	648	384	161	45	49
Long Term												
Full Simulation Period[a]	209	358	539	707	824	890	872	787	563	299	144	153
Water Year Types[b,c]												
Wet (32%)	271	454	645	752	872	941	947	876	654	358	176	189
Above Normal (15%)	105	289	495	706	838	904	898	792	540	225	85	62
Below Normal (17%)	194	339	536	733	858	910	887	789	533	273	95	128
Dry (22%)	181	288	455	648	755	817	776	674	474	268	121	147
Critical (15%)	241	348	480	669	771	849	811	755	555	322	228	207

Table 5B4-10-3c. San Luis CVP Storage, Alternative 2 011221 minus No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	1	15	-1	-1	0	0	0	0	-1	0	-4	3
20%	-33	4	-1	-4	-1	0	0	1	4	4	-40	-33
30%	-24	-9	8	-2	6	0	3	2	5	1	-21	-13
40%	-1	-8	0	5	10	2	8	1	1	2	-2	-1
50%	0	0	9	10	-2	1	-7	-10	-8	-2	-3	-1
60%	-3	-6	6	1	-1	4	-5	-10	-8	3	0	0
70%	-20	3	1	-2	-5	-6	-13	-10	1	2	1	-2
80%	-13	3	-2	-2	1	3	2	0	0	3	0	0
90%	4	0	-10	3	-12	-3	-10	8	4	-1	0	0
Long Term												
Full Simulation Period[a]	-6	-4	-1	-1	-1	0	-2	-2	-2	-1	-6	-5
Water Year Types[b,c]												
Wet (32%)	0	0	0	-2	-2	0	-1	-1	0	0	-1	0
Above Normal (15%)	4	3	2	5	5	5	3	3	1	1	-1	2
Below Normal (17%)	0	8	16	5	3	2	0	0	1	1	-1	-1
Dry (22%)	-15	-16	-8	-4	-2	-2	-5	-8	-7	-4	-15	-14
Critical (15%)	-24	-15	-18	-9	-10	-5	-3	-4	-2	-1	-18	-15

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-10-4a. San Luis CVP Storage, No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	431	607	794	965	972	972	972	972	826	470	399	390
20%	293	429	626	815	972	972	972	927	685	362	234	245
30%	234	377	564	759	901	972	968	858	605	324	150	150
40%	193	348	532	710	849	966	934	822	563	293	103	125
50%	172	324	495	675	811	905	917	791	530	279	94	93
60%	157	300	480	657	785	885	859	750	510	264	90	90
70%	138	273	451	633	757	848	815	717	488	216	74	90
80%	107	243	427	608	731	802	778	677	453	198	45	60
90%	61	228	381	556	686	766	733	640	380	162	45	48
Long Term												
Full Simulation Period[a]	216	362	540	708	825	890	874	789	564	300	151	159
Water Year Types[b,c]												
Wet (32%)	271	454	645	754	874	942	948	877	655	358	177	189
Above Normal (15%)	102	286	493	701	833	899	895	789	539	223	86	60
Below Normal (17%)	194	331	520	728	854	908	886	789	532	272	95	129
Dry (22%)	196	305	462	652	757	819	781	683	481	272	136	161
Critical (15%)	265	363	498	678	780	853	814	759	557	323	246	223

Table 5B4-10-4b. San Luis CVP Storage, Alternative 3 020121, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	427	622	793	963	972	972	972	972	824	470	368	380
20%	268	418	628	819	972	972	972	928	687	358	200	231
30%	231	379	581	781	927	972	972	866	612	327	142	152
40%	206	355	547	743	877	972	946	834	566	294	101	130
50%	179	339	534	693	819	916	913	781	524	274	91	110
60%	162	324	485	659	799	892	850	746	505	265	90	90
70%	146	300	461	641	758	838	806	714	489	225	79	90
80%	124	253	434	621	734	806	780	683	454	208	46	62
90%	88	229	419	561	678	786	726	647	386	180	45	49
Long Term												
Full Simulation Period[a]	221	373	550	717	833	893	875	789	564	302	146	159
Water Year Types[b,c]												
Wet (32%)	271	454	645	760	879	943	948	877	655	358	176	189
Above Normal (15%)	147	329	532	717	845	908	900	795	542	242	86	80
Below Normal (17%)	208	353	544	751	876	912	887	789	533	274	94	135
Dry (22%)	198	320	478	656	762	824	782	681	481	272	123	152
Critical (15%)	238	346	477	676	777	854	816	755	551	317	236	214

Table 5B4-10-4c. San Luis CVP Storage, Alternative 3 020121 minus No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-4	15	-2	-2	0	0	0	0	-1	0	-31	-10
20%	-25	-11	2	4	0	0	0	1	2	-4	-34	-14
30%	-3	2	17	22	25	0	4	8	7	3	-8	2
40%	12	7	15	33	28	6	12	13	4	0	-1	5
50%	8	15	39	18	7	11	-5	-10	-6	-5	-3	17
60%	5	23	5	2	13	7	-9	-4	-5	1	0	0
70%	8	26	10	8	1	-9	-9	-2	1	9	5	0
80%	17	10	7	13	2	4	2	6	1	10	1	2
90%	26	2	38	5	-9	20	-8	7	7	18	0	0
Long Term												
Full Simulation Period[a]	5	11	10	9	8	3	1	0	0	2	-5	0
Water Year Types[b,c]												
Wet (32%)	0	-1	0	6	5	1	0	0	0	0	-1	0
Above Normal (15%)	46	43	39	15	12	8	6	5	3	19	0	19
Below Normal (17%)	14	22	24	24	22	5	1	0	1	1	-1	5
Dry (22%)	2	16	16	4	5	4	0	-2	0	0	-12	-10
Critical (15%)	-27	-17	-21	-1	-3	1	2	-4	-6	-6	-10	-8

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Figure 5B4-10-1. San Luis CVP Storage, October

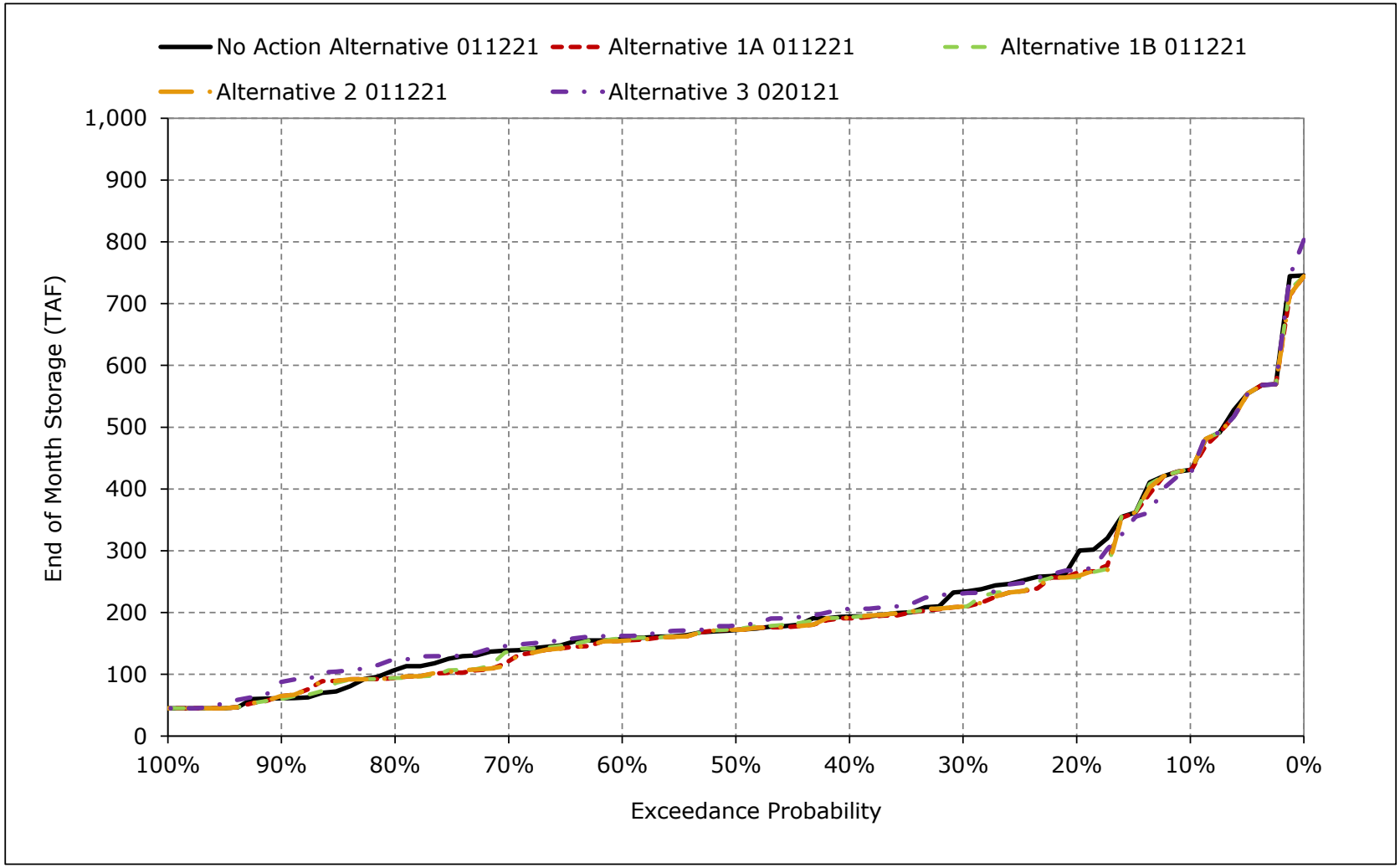


Figure 5B4-10-2. San Luis CVP Storage, November

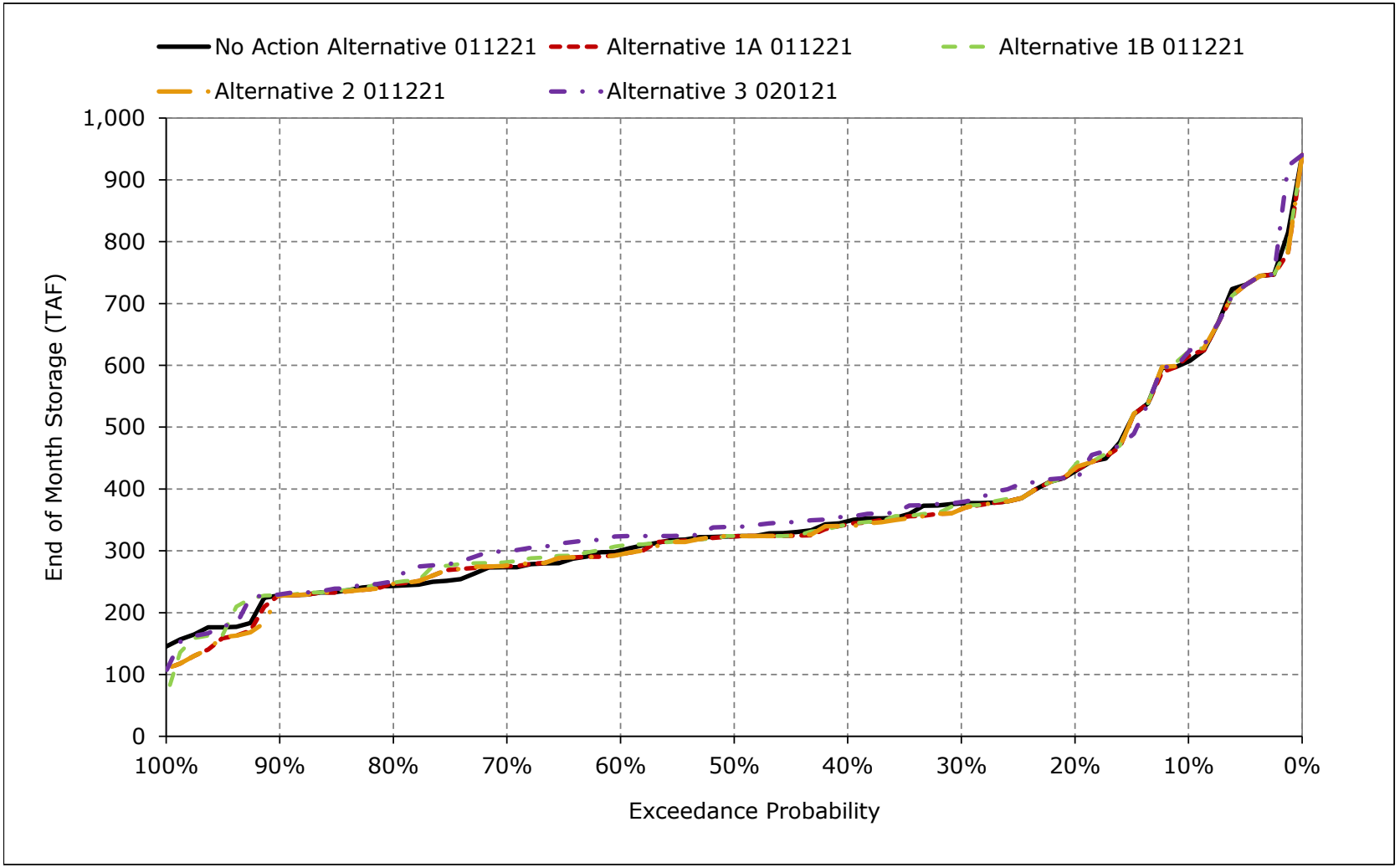


Figure 5B4-10-3. San Luis CVP Storage, December

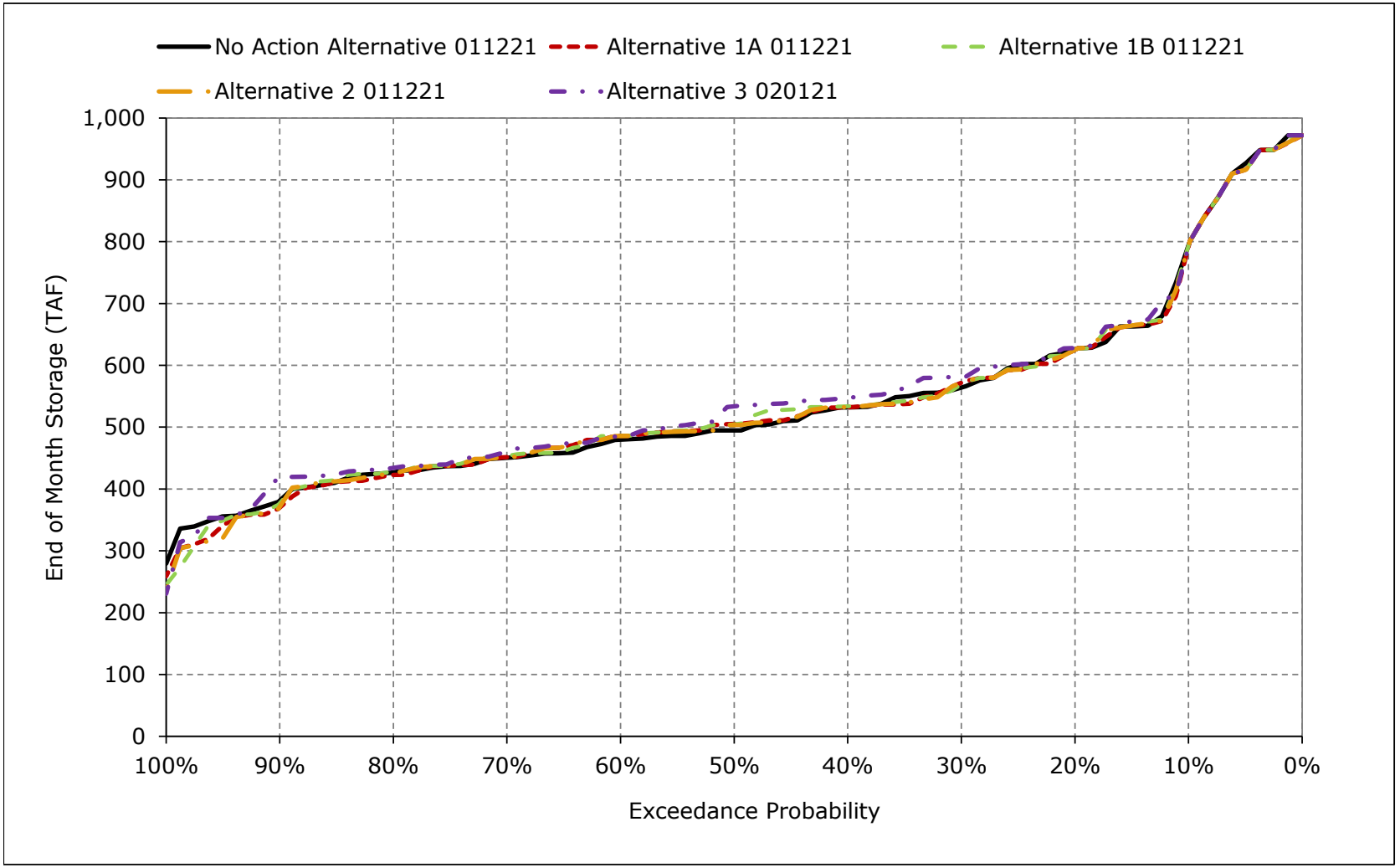


Figure 5B4-10-4. San Luis CVP Storage, January

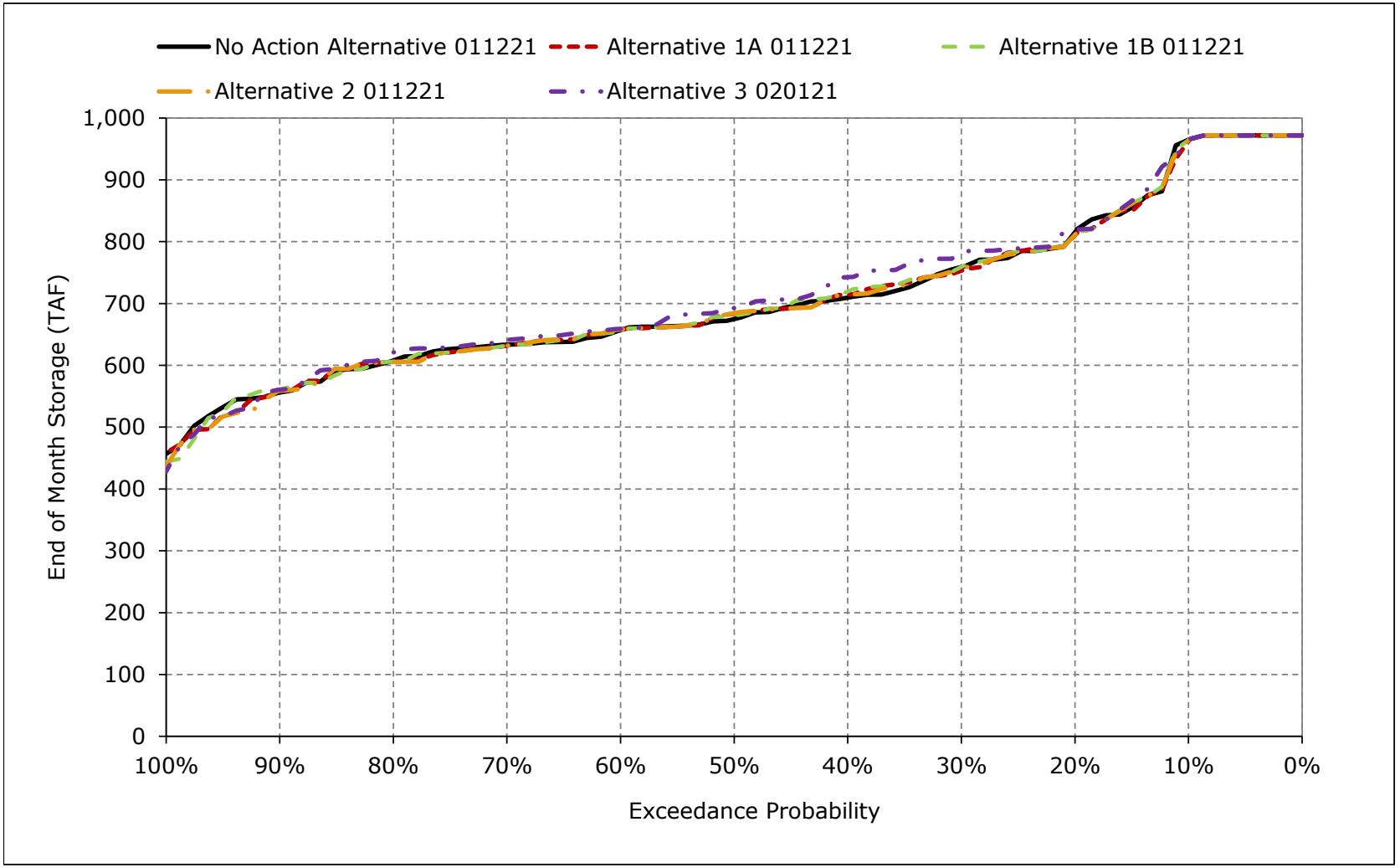


Figure 5B4-10-5. San Luis CVP Storage, February

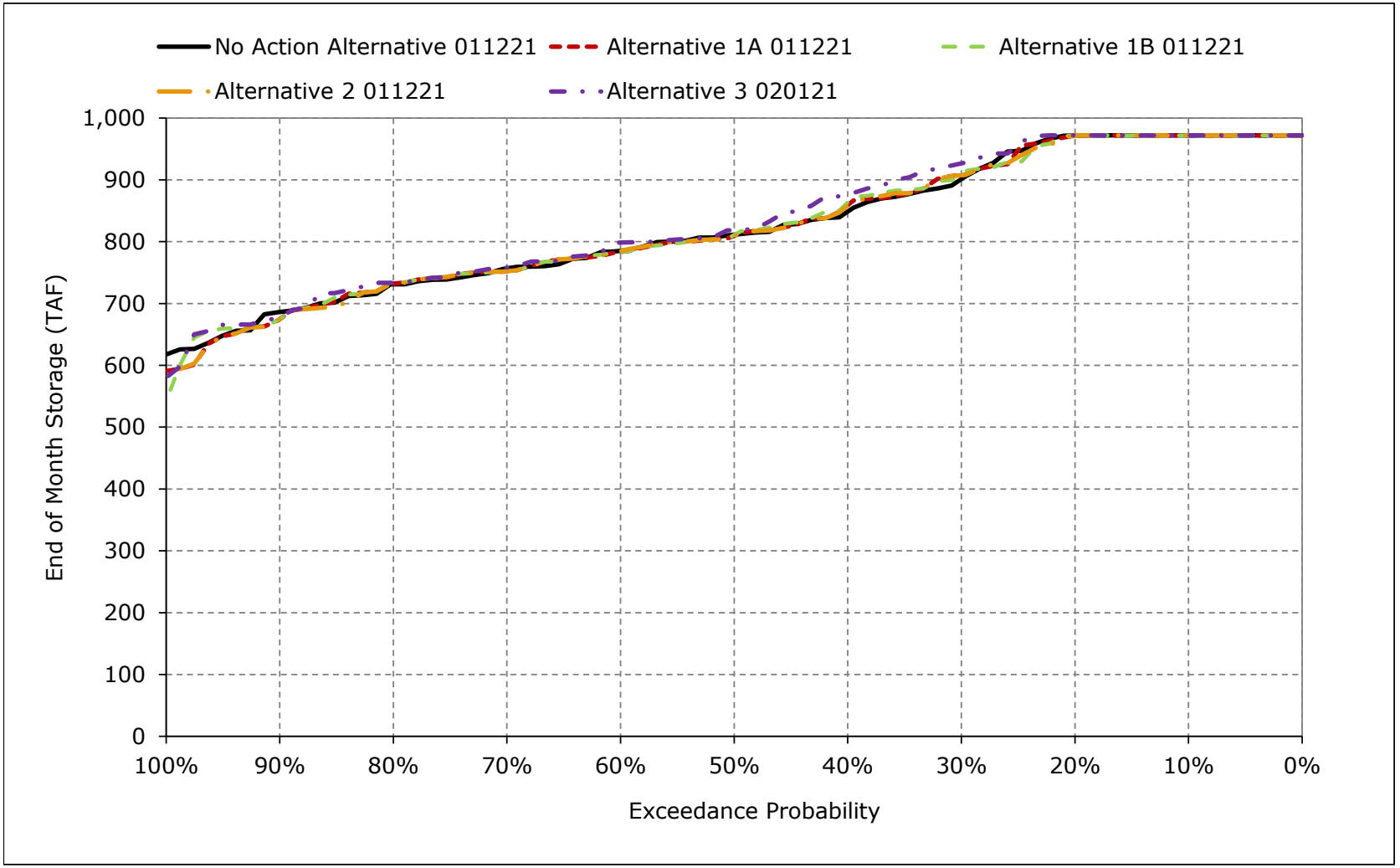


Figure 5B4-10-6. San Luis CVP Storage, March

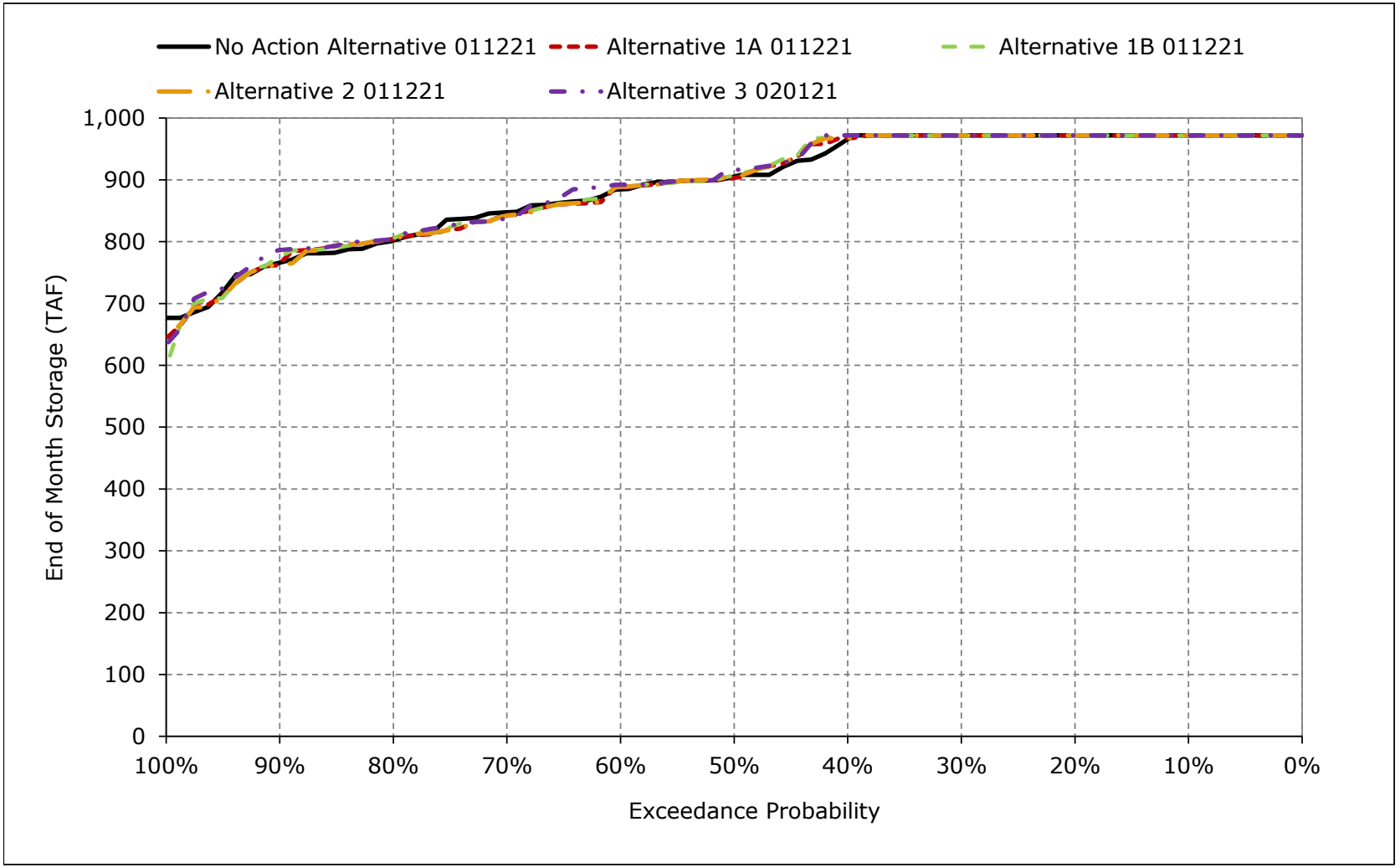


Figure 5B4-10-7. San Luis CVP Storage, April

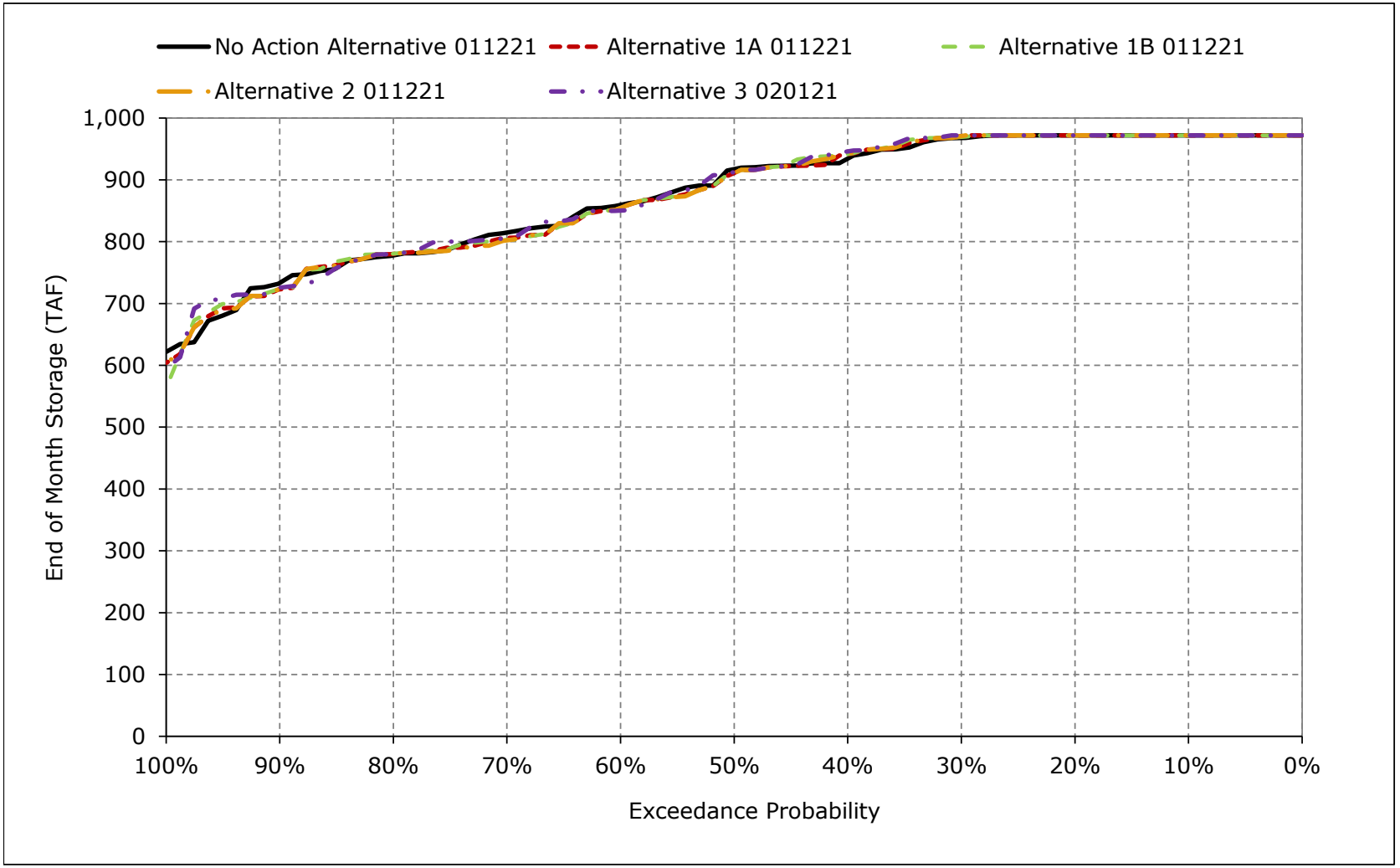


Figure 5B4-10-8. San Luis CVP Storage, May

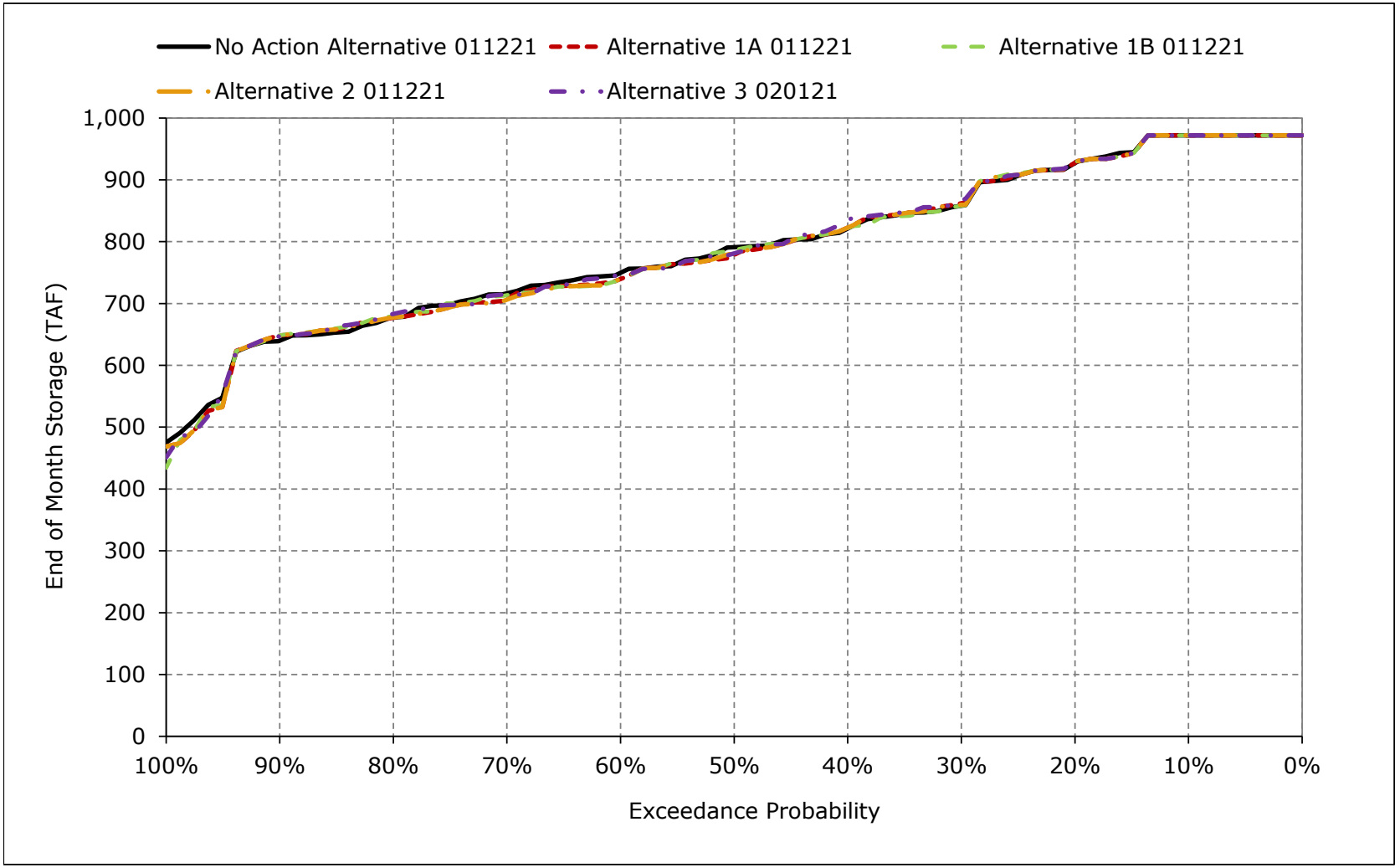


Figure 5B4-10-9. San Luis CVP Storage, June

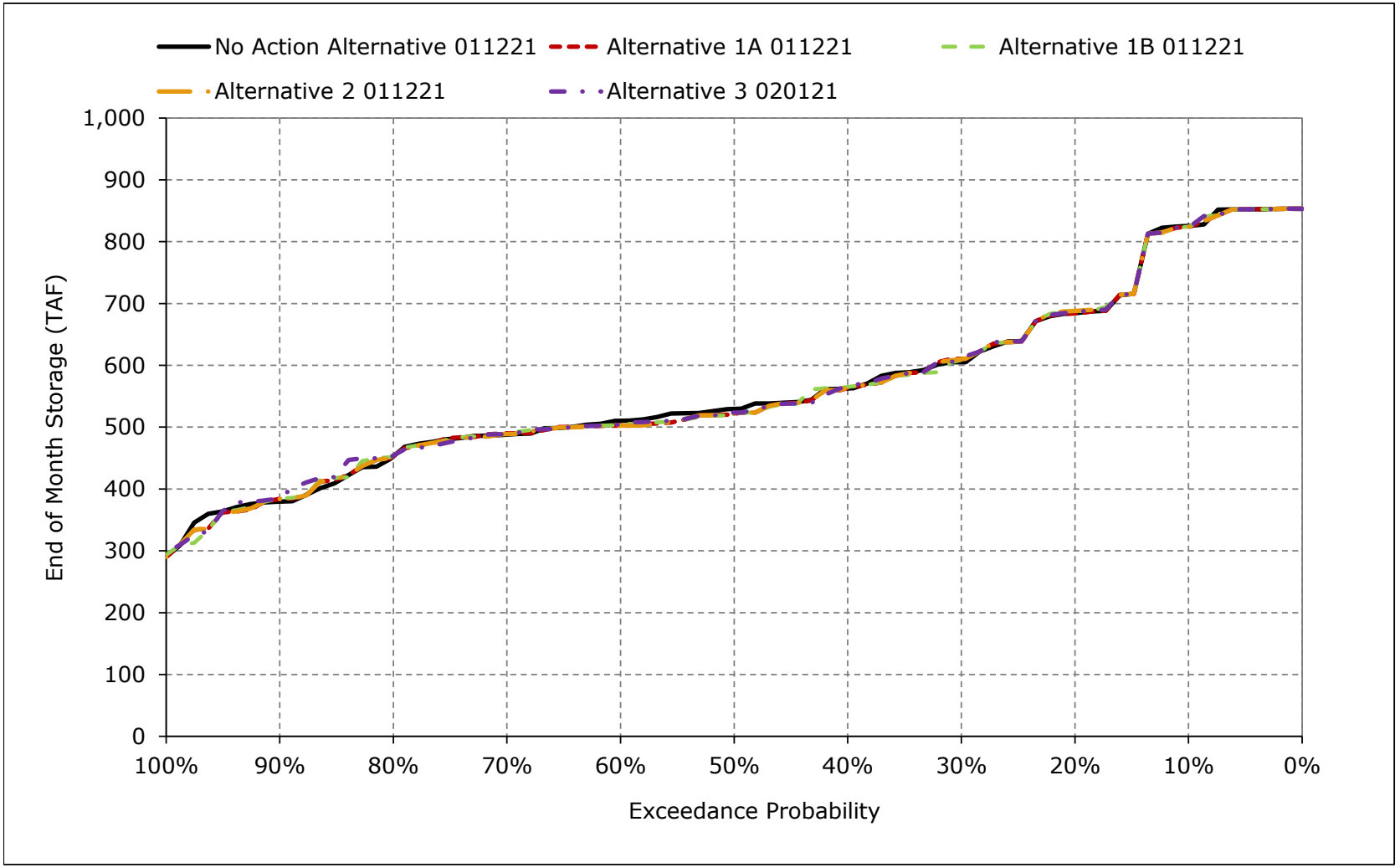


Figure 5B4-10-10. San Luis CVP Storage, July

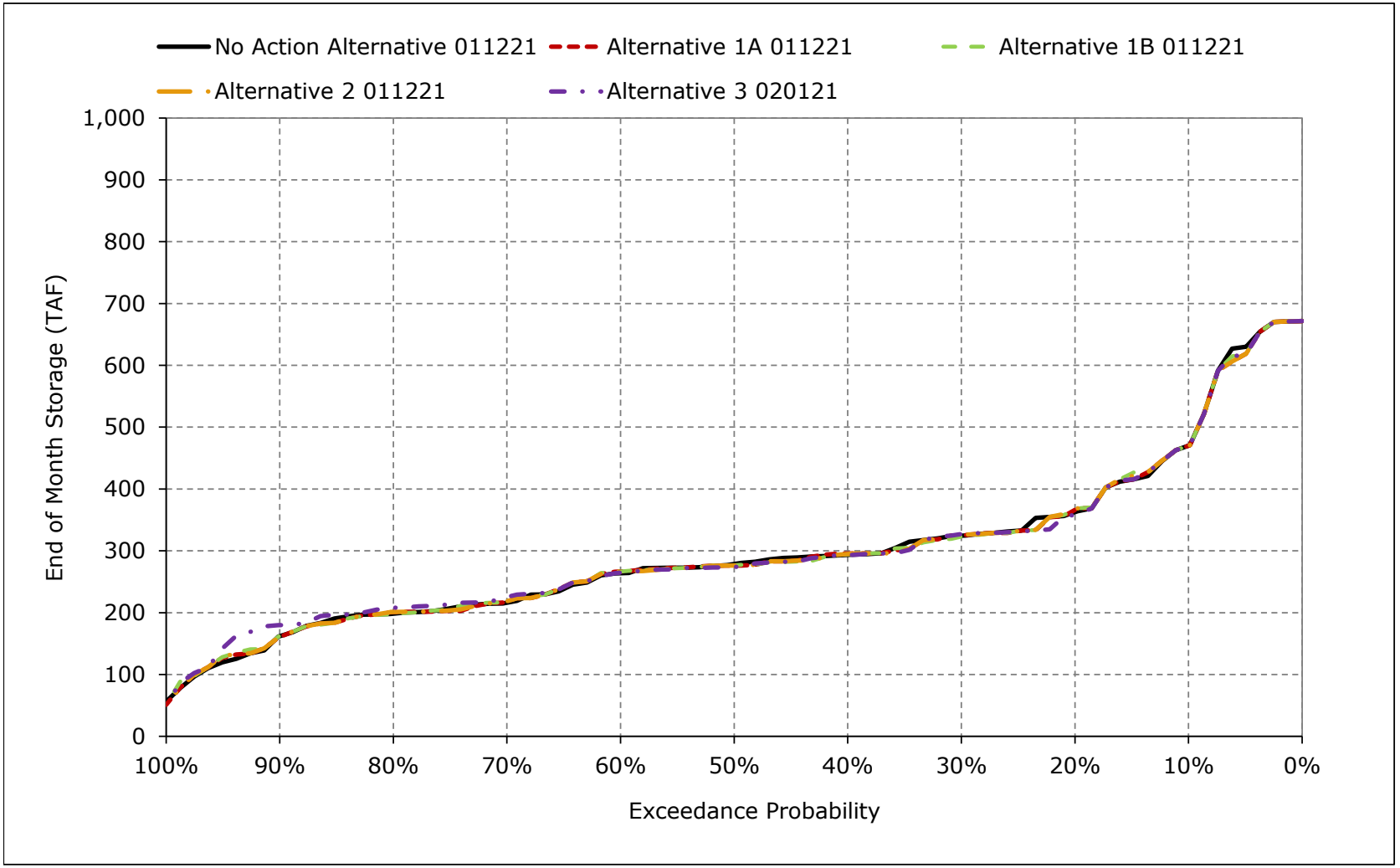


Figure 5B4-10-11. San Luis CVP Storage, August

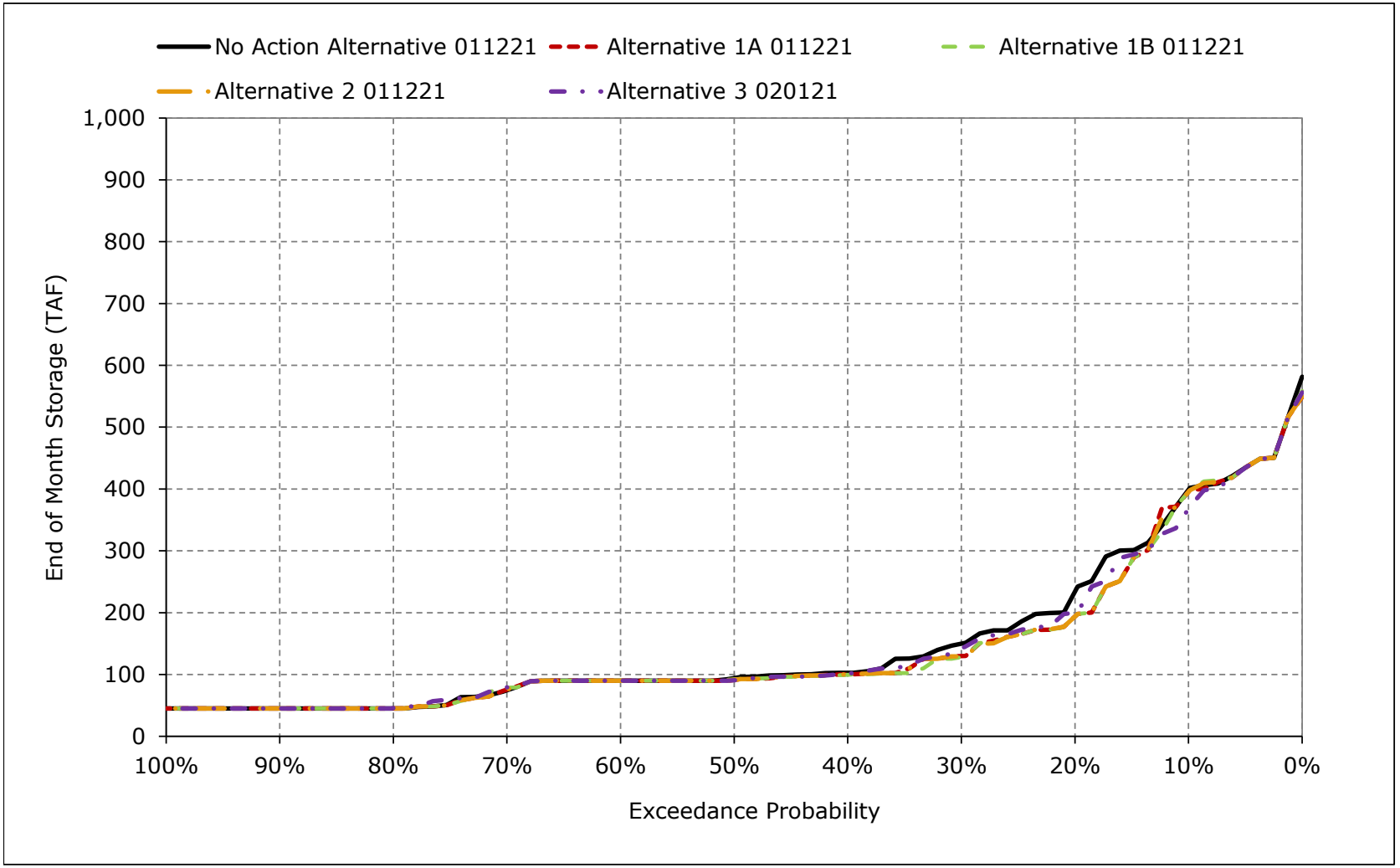


Figure 5B4-10-12. San Luis CVP Storage, September

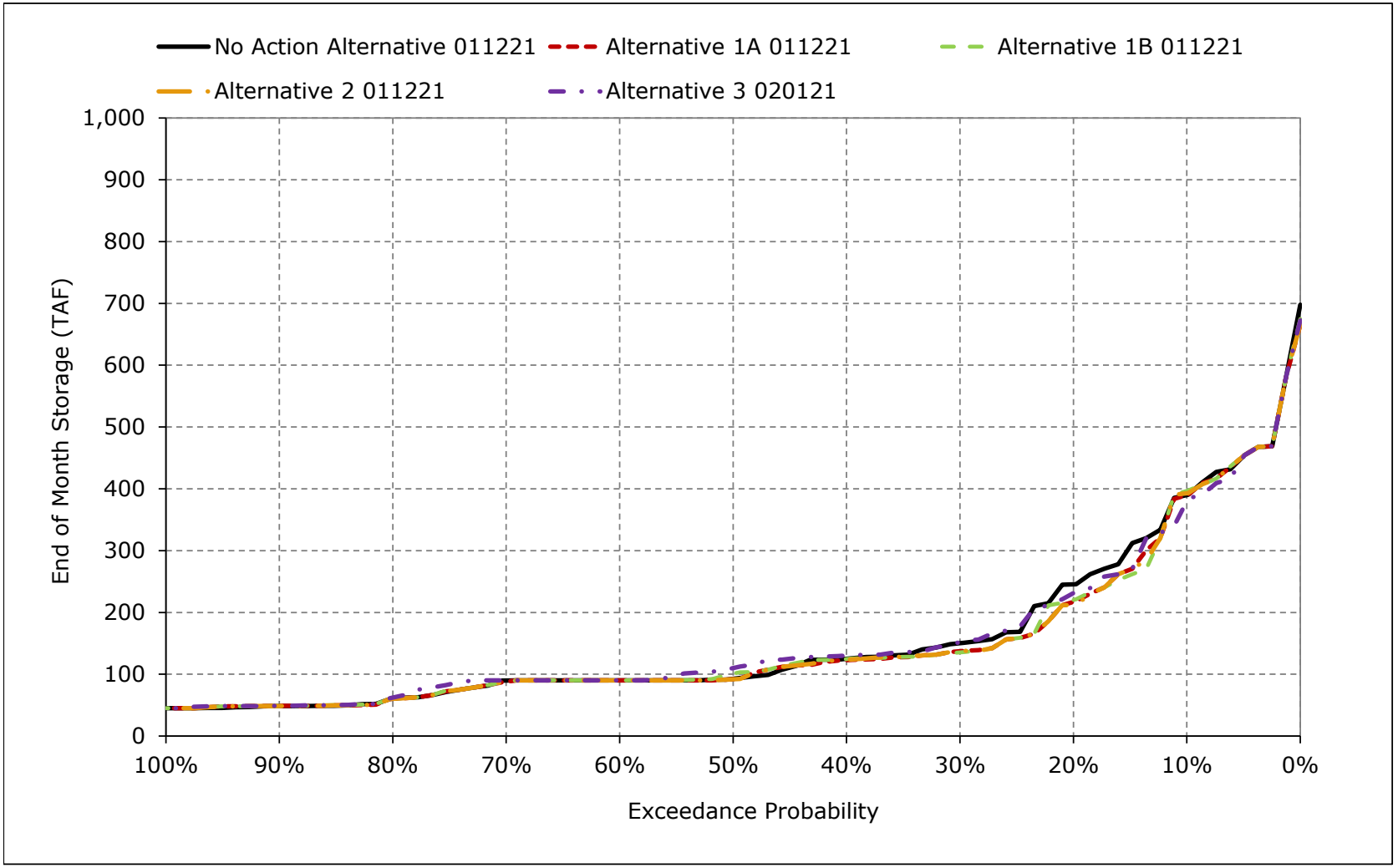


Table 5B4-11-1a. San Luis SWP Storage, No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	796	895	1,067	1,067	1,067	1,067	1,066	1,067	924	885	793	800
20%	564	778	885	946	1,051	1,067	980	831	658	666	550	585
30%	452	570	776	844	946	1,061	935	739	547	543	441	447
40%	376	483	699	743	850	926	896	721	485	474	388	401
50%	320	404	545	657	755	858	731	629	441	423	342	319
60%	267	311	466	572	679	730	664	526	373	360	230	271
70%	169	264	343	465	588	651	549	434	280	286	175	210
80%	131	146	262	364	497	531	457	326	208	178	155	152
90%	66	59	132	246	363	431	370	240	55	105	103	77
Long Term												
Full Simulation Period[a]	371	451	571	653	747	793	725	606	459	446	368	377
Water Year Types[b,c]												
Wet (32%)	630	727	878	718	814	891	877	796	669	661	576	618
Above Normal (15%)	336	420	560	637	712	751	647	500	327	337	287	373
Below Normal (17%)	315	369	462	685	785	825	716	536	316	338	378	334
Dry (22%)	230	314	407	636	727	755	655	524	392	395	238	224
Critical (15%)	121	186	293	519	619	644	589	506	404	292	181	140

Table 5B4-11-1b. San Luis SWP Storage, Alternative 1A 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	817	920	1,067	1,067	1,067	1,067	1,047	1,067	922	885	793	802
20%	563	760	907	965	1,058	1,067	980	823	657	660	556	585
30%	468	568	793	855	962	1,062	935	745	559	555	434	455
40%	375	505	707	742	854	919	913	721	490	470	393	415
50%	328	415	554	664	753	863	738	615	458	421	351	317
60%	277	308	466	569	679	733	671	543	364	361	234	272
70%	170	280	371	478	603	679	571	438	288	290	182	223
80%	130	142	250	335	514	521	433	315	211	171	156	154
90%	66	55	120	241	354	402	365	233	55	112	105	79
Long Term												
Full Simulation Period[a]	373	457	578	657	747	794	726	607	460	447	371	381
Water Year Types[b,c]												
Wet (32%)	629	726	879	719	816	892	878	797	669	661	578	620
Above Normal (15%)	341	426	564	655	715	753	650	504	330	340	291	378
Below Normal (17%)	326	400	493	679	773	812	706	526	312	334	378	336
Dry (22%)	233	315	404	652	741	770	669	536	400	404	245	228
Critical (15%)	118	186	296	507	608	637	583	502	404	290	184	145

Table 5B4-11-1c. San Luis SWP Storage, Alternative 1A 011221 minus No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	21	26	0	0	0	0	-19	0	-1	0	0	2
20%	-1	-18	22	20	6	0	0	-8	-1	-6	6	0
30%	16	-2	17	11	16	2	0	6	12	12	-7	9
40%	-1	22	8	-1	5	-7	16	0	6	-4	5	13
50%	8	12	8	7	-2	6	6	-14	17	-2	9	-2
60%	10	-2	1	-3	0	3	7	17	-9	1	3	0
70%	2	16	28	13	15	28	22	4	8	4	7	13
80%	-1	-4	-13	-29	17	-10	-24	-11	3	-7	1	2
90%	0	-4	-12	-5	-9	-29	-5	-7	0	7	2	2
Long Term												
Full Simulation Period[a]	3	6	6	4	0	1	1	1	1	1	3	3
Water Year Types[b,c]												
Wet (32%)	-1	-1	1	2	2	2	1	1	0	0	2	2
Above Normal (15%)	6	5	4	17	3	1	3	4	3	3	4	4
Below Normal (17%)	12	30	31	-6	-12	-12	-10	-10	-4	-4	0	3
Dry (22%)	3	1	-2	16	15	14	14	13	7	9	7	4
Critical (15%)	-3	0	3	-11	-12	-7	-6	-4	0	-2	3	5

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-11-2a. San Luis SWP Storage, No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	796	895	1,067	1,067	1,067	1,067	1,066	1,067	924	885	793	800
20%	564	778	885	946	1,051	1,067	980	831	658	666	550	585
30%	452	570	776	844	946	1,061	935	739	547	543	441	447
40%	376	483	699	743	850	926	896	721	485	474	388	401
50%	320	404	545	657	755	858	731	629	441	423	342	319
60%	267	311	466	572	679	730	664	526	373	360	230	271
70%	169	264	343	465	588	651	549	434	280	286	175	210
80%	131	146	262	364	497	531	457	326	208	178	155	152
90%	66	59	132	246	363	431	370	240	55	105	103	77
Long Term												
Full Simulation Period[a]	371	451	571	653	747	793	725	606	459	446	368	377
Water Year Types[b,c]												
Wet (32%)	630	727	878	718	814	891	877	796	669	661	576	618
Above Normal (15%)	336	420	560	637	712	751	647	500	327	337	287	373
Below Normal (17%)	315	369	462	685	785	825	716	536	316	338	378	334
Dry (22%)	230	314	407	636	727	755	655	524	392	395	238	224
Critical (15%)	121	186	293	519	619	644	589	506	404	292	181	140

Table 5B4-11-2b. San Luis SWP Storage, Alternative 1B 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	818	921	1,067	1,067	1,067	1,067	1,037	1,067	924	889	793	803
20%	559	768	907	965	1,060	1,067	981	822	654	660	560	585
30%	471	601	761	865	963	1,062	936	743	546	559	437	455
40%	387	520	684	740	855	916	922	727	489	473	393	413
50%	329	417	547	666	751	864	739	612	467	419	349	316
60%	283	309	465	572	679	733	668	542	366	361	234	273
70%	171	279	364	478	594	676	566	438	286	293	186	224
80%	132	138	235	335	514	520	446	331	211	175	156	154
90%	60	55	121	236	352	418	367	233	55	112	104	78
Long Term												
Full Simulation Period[a]	375	459	574	657	748	794	727	608	461	448	371	381
Water Year Types[b,c]												
Wet (32%)	629	727	878	721	819	893	879	798	670	661	578	620
Above Normal (15%)	346	432	571	650	711	746	645	501	329	340	292	379
Below Normal (17%)	328	399	495	682	777	816	712	532	314	336	378	340
Dry (22%)	235	321	385	649	738	767	666	534	397	403	246	229
Critical (15%)	116	184	294	510	611	641	587	505	406	291	183	143

Table 5B4-11-2c. San Luis SWP Storage, Alternative 1B 011221 minus No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	22	27	0	0	0	0	-28	0	1	4	1	3
20%	-5	-11	22	20	9	0	0	-9	-4	-6	10	0
30%	19	31	-15	21	17	2	1	4	-2	16	-4	9
40%	10	37	-15	-3	5	-10	25	6	4	-2	5	11
50%	10	14	2	8	-4	6	8	-17	26	-4	7	-3
60%	16	-1	0	0	0	3	4	16	-7	1	3	2
70%	2	15	21	12	6	25	17	4	6	7	11	14
80%	1	-8	-28	-29	16	-10	-11	5	3	-2	1	1
90%	-6	-4	-12	-9	-11	-13	-3	-7	0	7	2	1
Long Term												
Full Simulation Period[a]	4	8	2	4	1	1	2	2	1	2	3	4
Water Year Types[b,c]												
Wet (32%)	-1	-1	0	3	5	3	2	2	1	0	2	1
Above Normal (15%)	10	12	10	12	-1	-6	-2	1	2	3	4	5
Below Normal (17%)	14	30	32	-3	-8	-8	-4	-4	-2	-2	0	7
Dry (22%)	4	7	-22	13	12	11	11	10	4	8	8	5
Critical (15%)	-5	-2	1	-9	-8	-3	-2	-1	2	-1	2	4

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-11-3a. San Luis SWP Storage, No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	796	895	1,067	1,067	1,067	1,067	1,066	1,067	924	885	793	800
20%	564	778	885	946	1,051	1,067	980	831	658	666	550	585
30%	452	570	776	844	946	1,061	935	739	547	543	441	447
40%	376	483	699	743	850	926	896	721	485	474	388	401
50%	320	404	545	657	755	858	731	629	441	423	342	319
60%	267	311	466	572	679	730	664	526	373	360	230	271
70%	169	264	343	465	588	651	549	434	280	286	175	210
80%	131	146	262	364	497	531	457	326	208	178	155	152
90%	66	59	132	246	363	431	370	240	55	105	103	77
Long Term												
Full Simulation Period[a]	371	451	571	653	747	793	725	606	459	446	368	377
Water Year Types[b,c]												
Wet (32%)	630	727	878	718	814	891	877	796	669	661	576	618
Above Normal (15%)	336	420	560	637	712	751	647	500	327	337	287	373
Below Normal (17%)	315	369	462	685	785	825	716	536	316	338	378	334
Dry (22%)	230	314	407	636	727	755	655	524	392	395	238	224
Critical (15%)	121	186	293	519	619	644	589	506	404	292	181	140

Table 5B4-11-3b. San Luis SWP Storage, Alternative 2 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	817	920	1,067	1,067	1,067	1,067	1,038	1,067	924	889	793	803
20%	561	759	907	965	1,058	1,067	980	823	657	660	557	585
30%	470	566	793	855	951	1,064	935	745	558	547	436	455
40%	375	506	699	744	862	919	915	722	488	474	392	413
50%	328	415	545	664	748	863	753	618	463	421	350	317
60%	277	306	465	568	679	733	669	543	385	361	233	271
70%	171	275	371	477	603	679	566	438	288	290	182	222
80%	130	157	256	340	513	522	433	330	211	174	156	154
90%	60	55	120	236	357	416	367	232	55	112	104	78
Long Term												
Full Simulation Period[a]	374	458	578	658	748	795	727	609	462	448	371	381
Water Year Types[b,c]												
Wet (32%)	630	728	879	720	817	893	878	797	669	661	578	620
Above Normal (15%)	342	427	565	655	715	753	649	504	329	340	291	377
Below Normal (17%)	325	396	492	685	779	818	712	533	318	340	380	338
Dry (22%)	233	320	410	650	740	768	667	535	398	402	244	228
Critical (15%)	117	185	293	507	608	640	585	504	405	291	183	143

Table 5B4-11-3c. San Luis SWP Storage, Alternative 2 011221 minus No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	21	26	0	0	0	0	-28	0	1	4	1	3
20%	-4	-20	22	20	6	0	0	-8	-1	-6	7	0
30%	17	-4	17	10	5	4	0	6	10	4	-5	9
40%	-1	23	0	1	12	-8	18	1	3	0	3	11
50%	8	12	0	7	-6	6	22	-11	22	-2	8	-1
60%	10	-4	-1	-4	0	3	5	17	11	1	3	0
70%	2	11	27	12	15	28	17	4	8	4	7	12
80%	-1	11	-6	-24	16	-9	-24	4	3	-4	1	1
90%	-6	-4	-12	-9	-6	-15	-3	-7	0	7	1	1
Long Term												
Full Simulation Period[a]	3	7	7	4	2	2	2	3	2	2	3	3
Water Year Types[b,c]												
Wet (32%)	0	1	1	2	3	2	2	1	1	0	2	2
Above Normal (15%)	6	6	5	18	3	2	3	4	3	3	3	4
Below Normal (17%)	10	27	30	0	-6	-6	-4	-2	2	2	2	5
Dry (22%)	2	6	3	14	13	13	12	11	6	6	6	4
Critical (15%)	-3	0	0	-12	-11	-4	-4	-2	1	-1	2	4

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Table 5B4-11-4a. San Luis SWP Storage, No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	796	895	1,067	1,067	1,067	1,067	1,066	1,067	924	885	793	800
20%	564	778	885	946	1,051	1,067	980	831	658	666	550	585
30%	452	570	776	844	946	1,061	935	739	547	543	441	447
40%	376	483	699	743	850	926	896	721	485	474	388	401
50%	320	404	545	657	755	858	731	629	441	423	342	319
60%	267	311	466	572	679	730	664	526	373	360	230	271
70%	169	264	343	465	588	651	549	434	280	286	175	210
80%	131	146	262	364	497	531	457	326	208	178	155	152
90%	66	59	132	246	363	431	370	240	55	105	103	77
Long Term												
Full Simulation Period[a]	371	451	571	653	747	793	725	606	459	446	368	377
Water Year Types[b,c]												
Wet (32%)	630	727	878	718	814	891	877	796	669	661	576	618
Above Normal (15%)	336	420	560	637	712	751	647	500	327	337	287	373
Below Normal (17%)	315	369	462	685	785	825	716	536	316	338	378	334
Dry (22%)	230	314	407	636	727	755	655	524	392	395	238	224
Critical (15%)	121	186	293	519	619	644	589	506	404	292	181	140

Table 5B4-11-4b. San Luis SWP Storage, Alternative 3 020121, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	813	912	1,067	1,067	1,067	1,067	1,037	1,067	925	884	777	793
20%	578	752	913	972	1,067	1,067	974	827	658	666	522	564
30%	473	572	794	875	968	1,066	936	739	548	545	435	455
40%	391	493	713	750	859	932	918	727	489	481	400	414
50%	328	405	620	681	741	829	772	625	464	428	355	341
60%	264	319	475	585	684	732	657	546	383	366	236	268
70%	168	273	370	467	617	683	593	426	292	274	174	219
80%	132	159	251	348	522	536	467	334	208	181	155	153
90%	58	56	125	236	355	402	371	255	55	117	106	73
Long Term												
Full Simulation Period[a]	372	455	584	663	753	797	730	610	461	446	370	379
Water Year Types[b,c]												
Wet (32%)	623	721	873	717	815	892	878	791	664	656	572	613
Above Normal (15%)	335	421	564	646	715	751	650	505	331	327	278	364
Below Normal (17%)	335	401	501	711	805	839	736	556	334	354	392	351
Dry (22%)	235	319	440	654	739	765	665	532	393	401	248	231
Critical (15%)	116	183	292	520	616	637	583	502	402	288	182	143

Table 5B4-11-4c. San Luis SWP Storage, Alternative 3 020121 minus No Action Alternative 011221, End of Month Storage (TAF)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	16	18	0	0	0	0	-29	0	1	-1	-15	-7
20%	14	-26	28	27	16	0	-7	-4	-1	0	-28	-21
30%	20	2	18	30	22	5	1	1	1	2	-6	8
40%	15	10	14	6	9	6	22	6	4	7	12	12
50%	8	1	75	23	-13	-28	41	-3	24	6	13	22
60%	-3	8	9	13	5	1	-8	20	10	6	5	-3
70%	-1	9	26	2	28	32	44	-9	12	-12	-1	9
80%	1	13	-11	-17	25	5	10	8	0	4	0	1
90%	-7	-3	-7	-10	-8	-29	1	15	0	12	4	-4
Long Term												
Full Simulation Period[a]	1	4	13	10	6	4	5	4	2	1	2	2
Water Year Types[b,c]												
Wet (32%)	-7	-6	-5	-1	1	1	1	-5	-5	-5	-4	-5
Above Normal (15%)	-1	0	4	9	3	-1	3	4	4	-10	-10	-10
Below Normal (17%)	20	32	38	26	19	14	19	20	18	16	14	18
Dry (22%)	4	5	33	18	12	10	10	9	1	6	9	7
Critical (15%)	-5	-3	-1	2	-3	-7	-6	-4	-2	-4	2	3

a Based on the 82-year simulation period.

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

c These results are displayed with calendar year - year type sorting.

Figure 5B4-11-1. San Luis SWP Storage, October

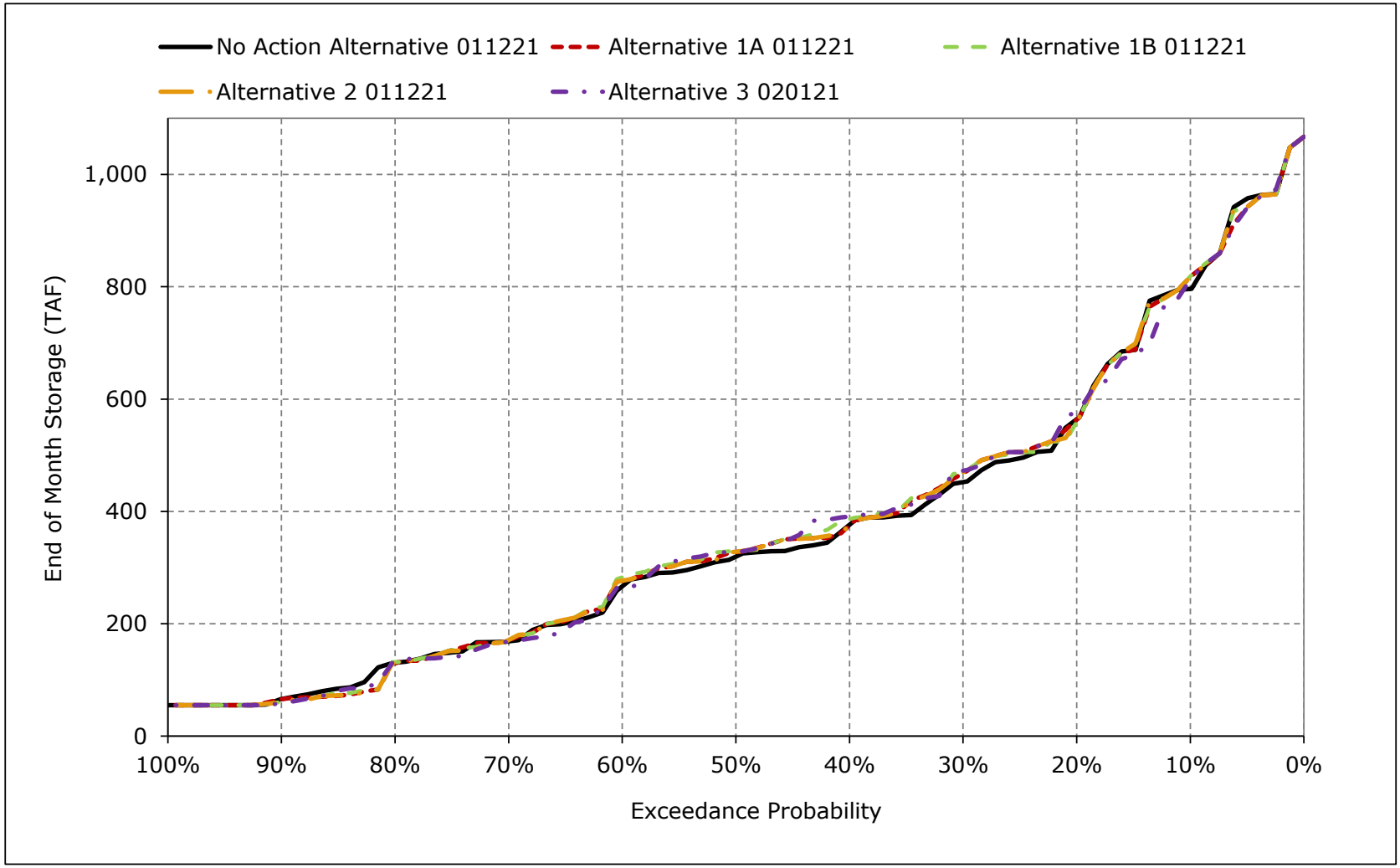


Figure 5B4-11-2. San Luis SWP Storage, November

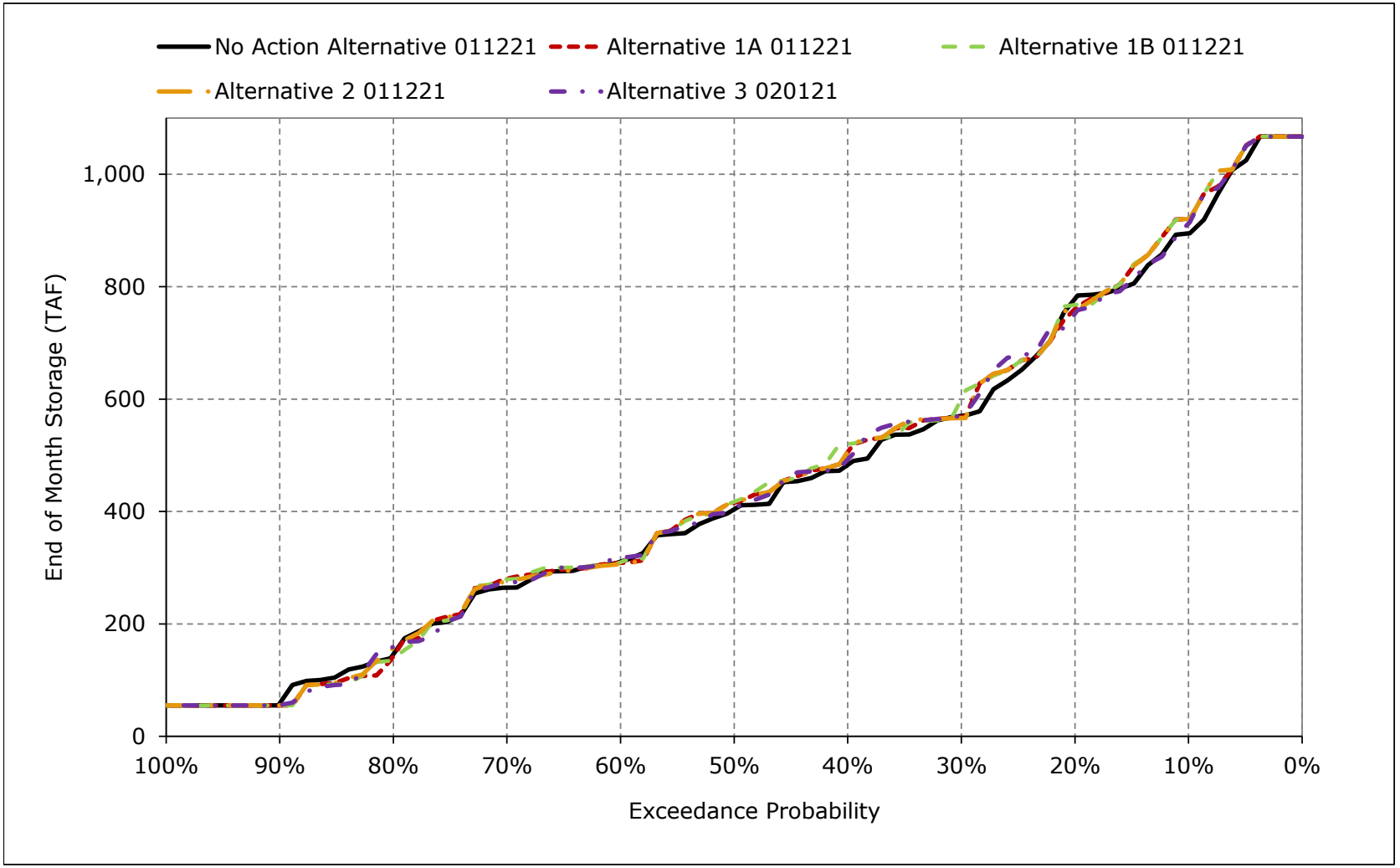


Figure 5B4-11-3. San Luis SWP Storage, December

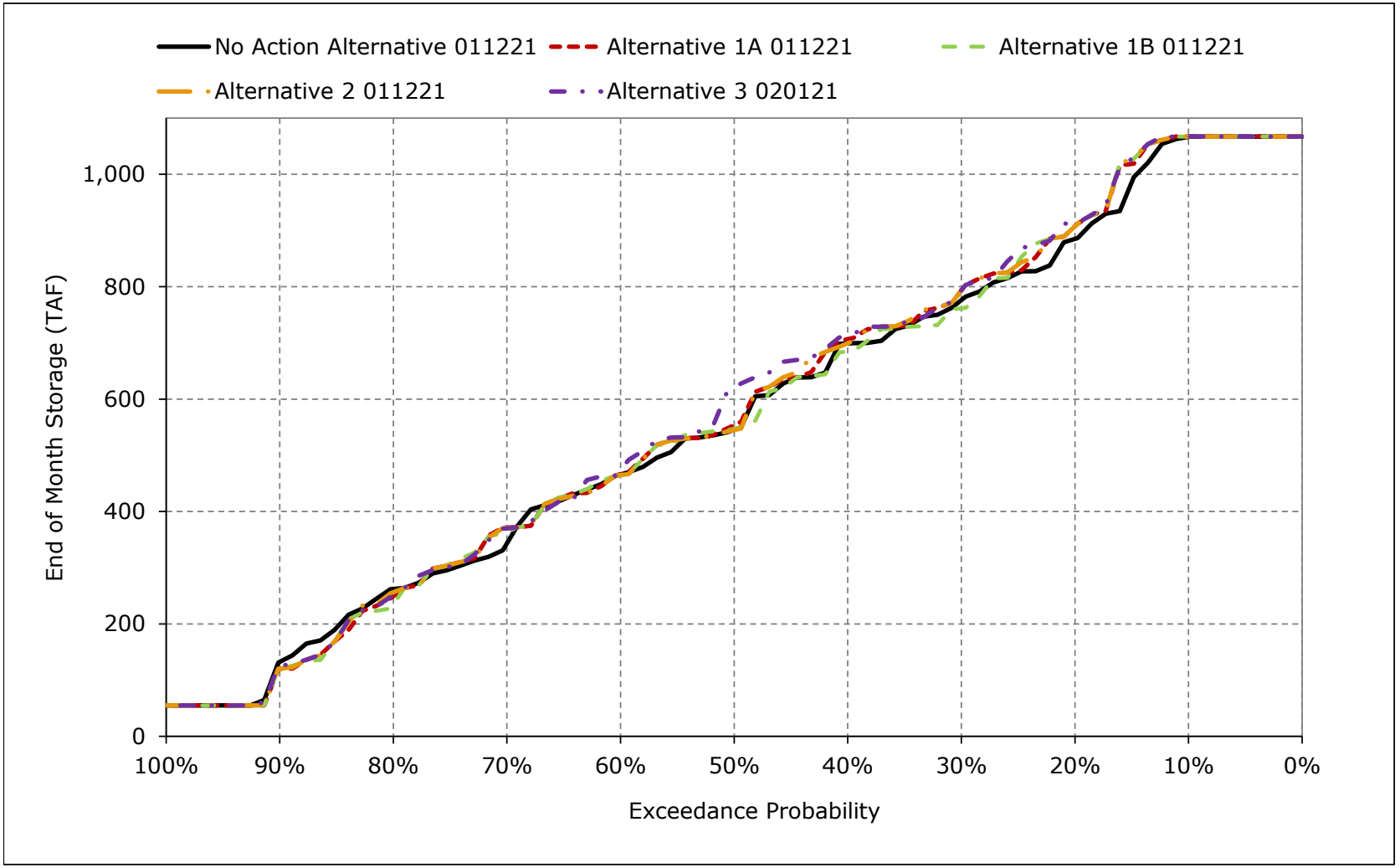


Figure 5B4-11-4. San Luis SWP Storage, January

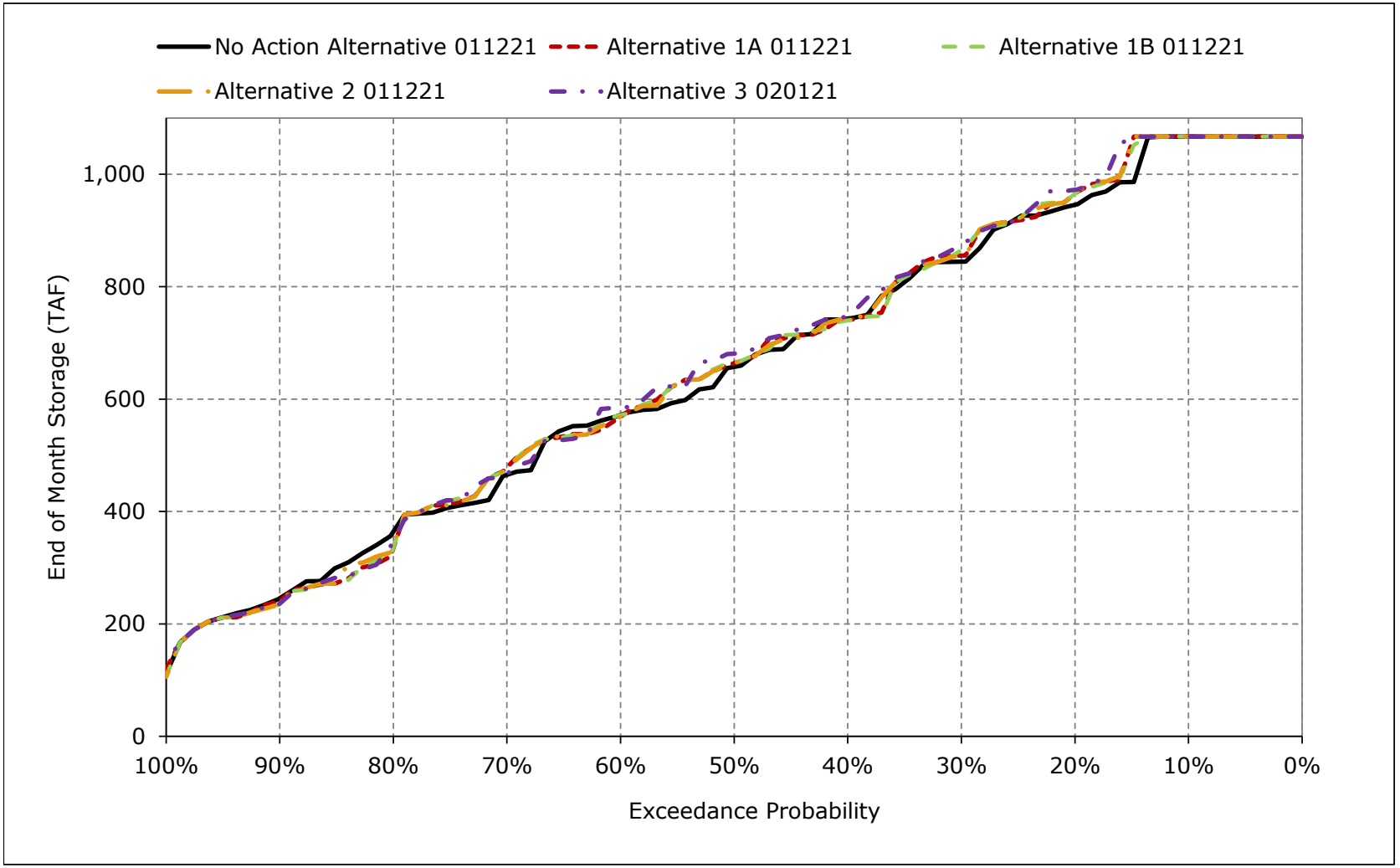


Figure 5B4-11-5. San Luis SWP Storage, February

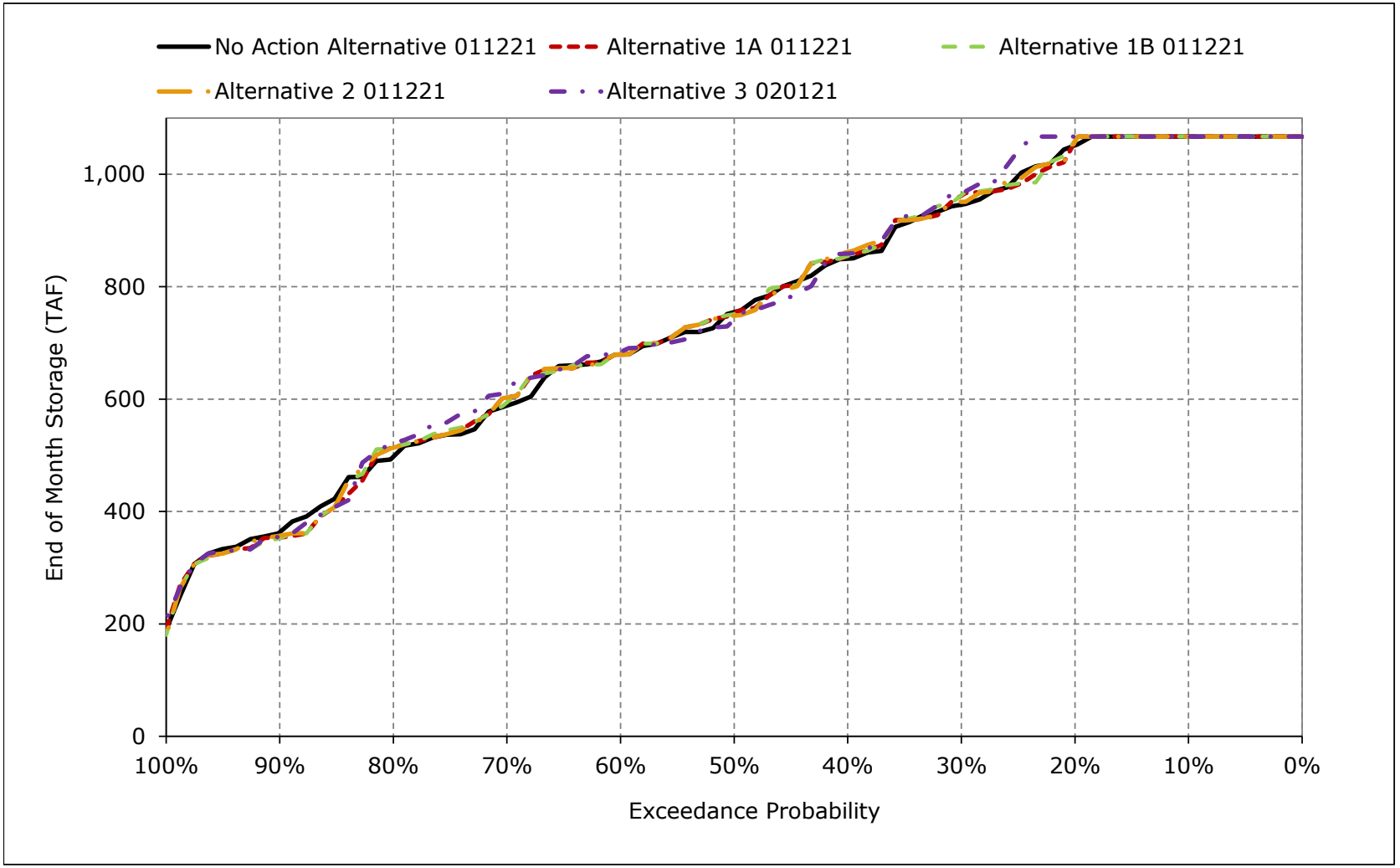


Figure 5B4-11-6. San Luis SWP Storage, March

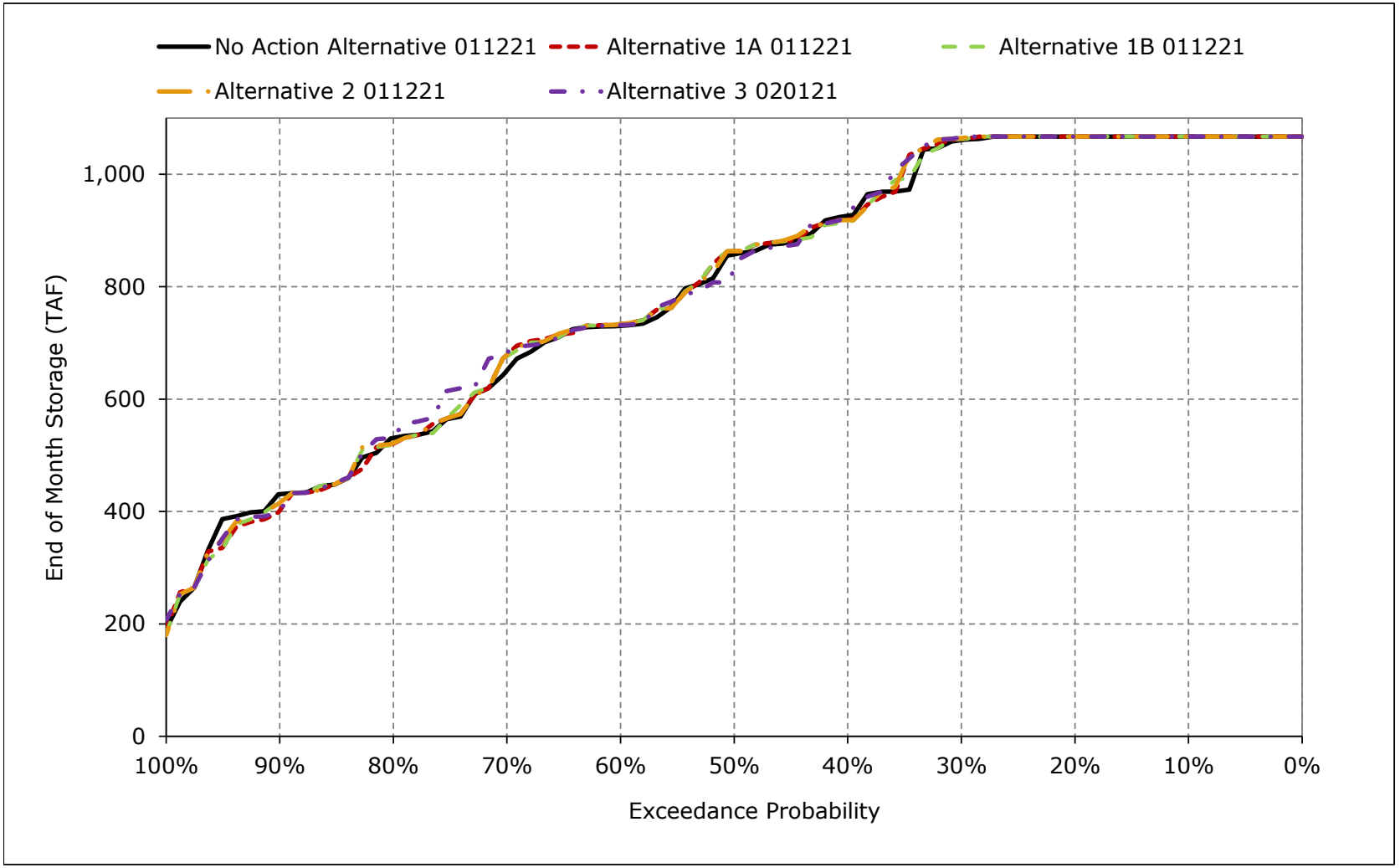


Figure 5B4-11-7. San Luis SWP Storage, April

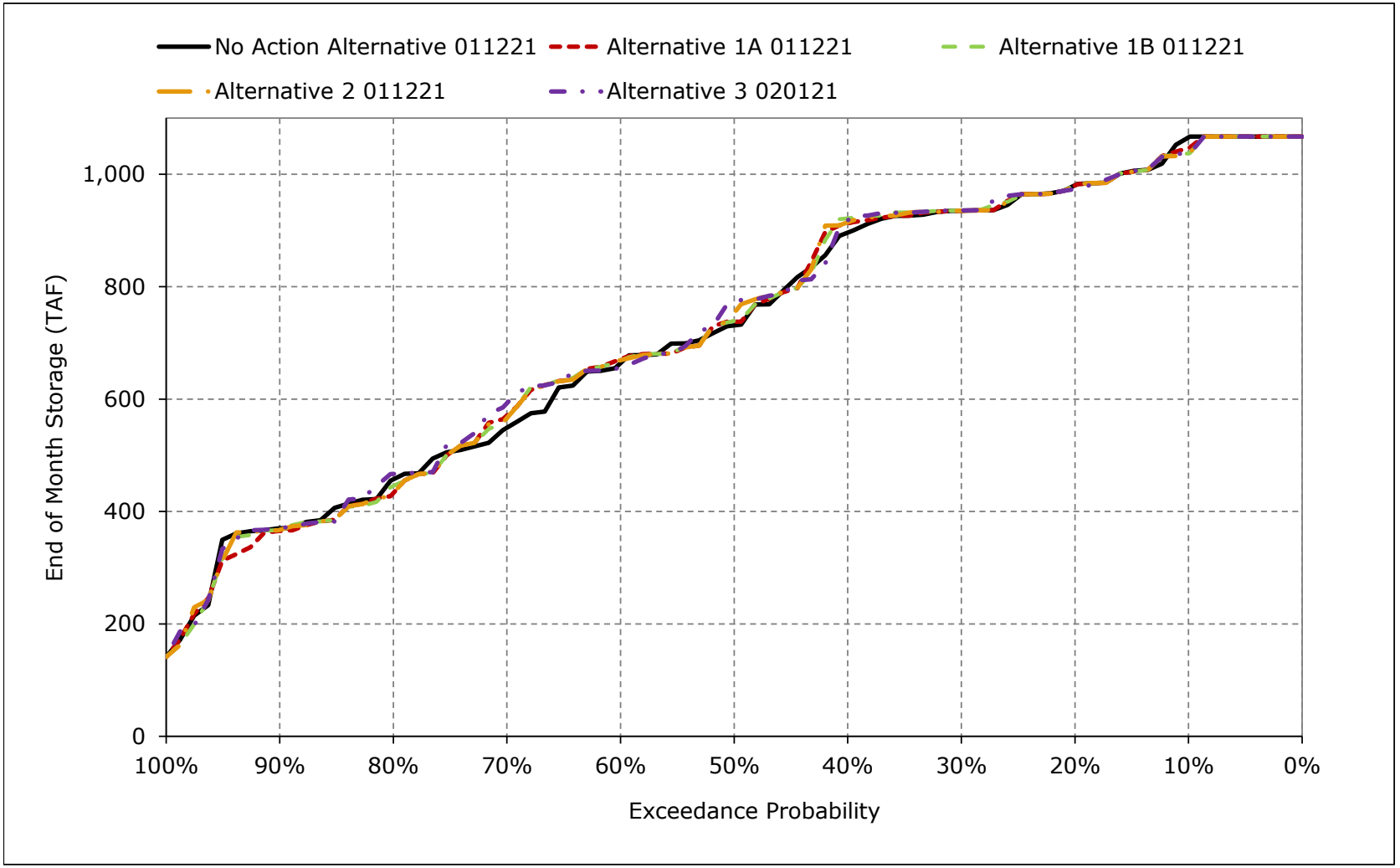


Figure 5B4-11-8. San Luis SWP Storage, May

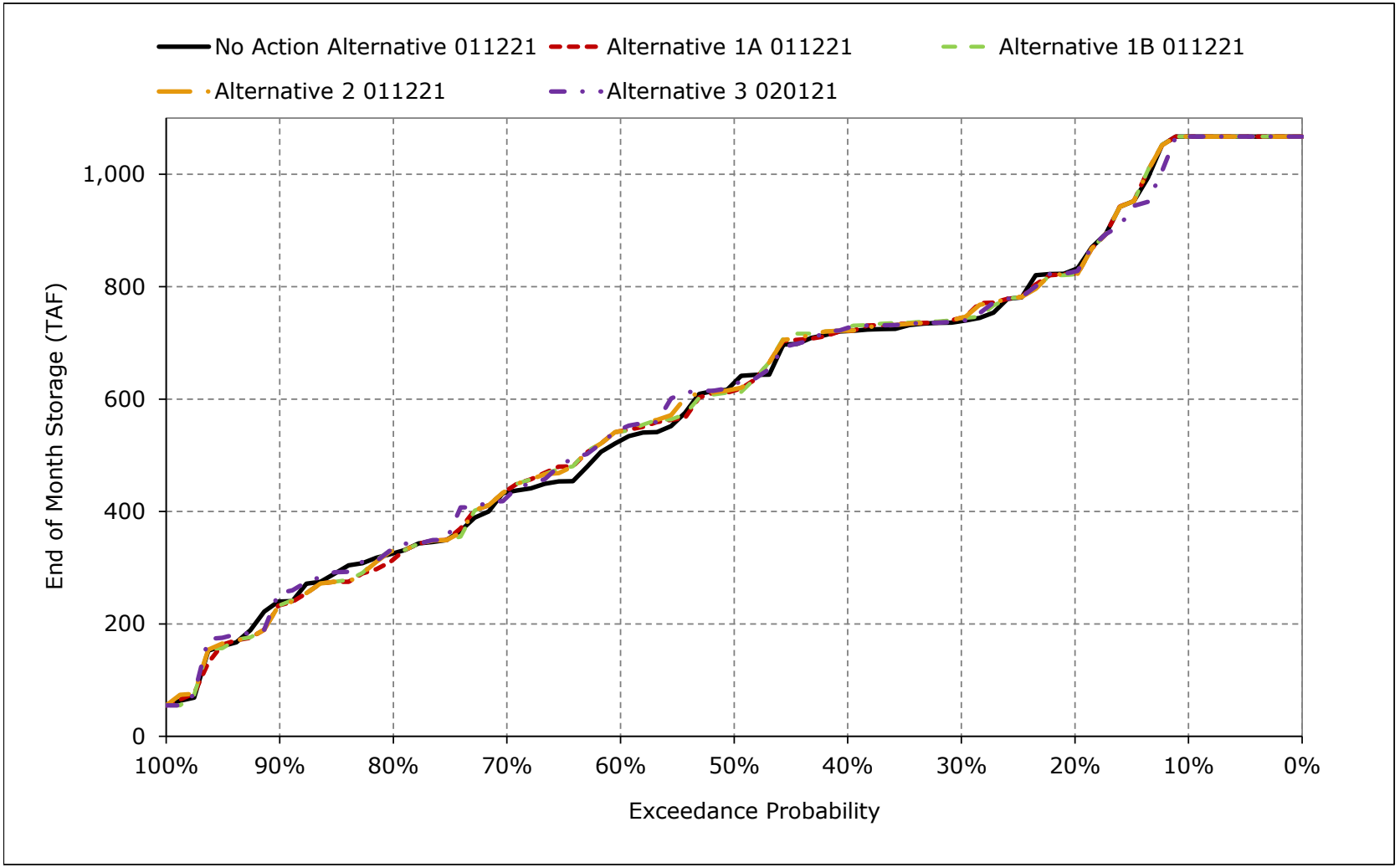


Figure 5B4-11-9. San Luis SWP Storage, June

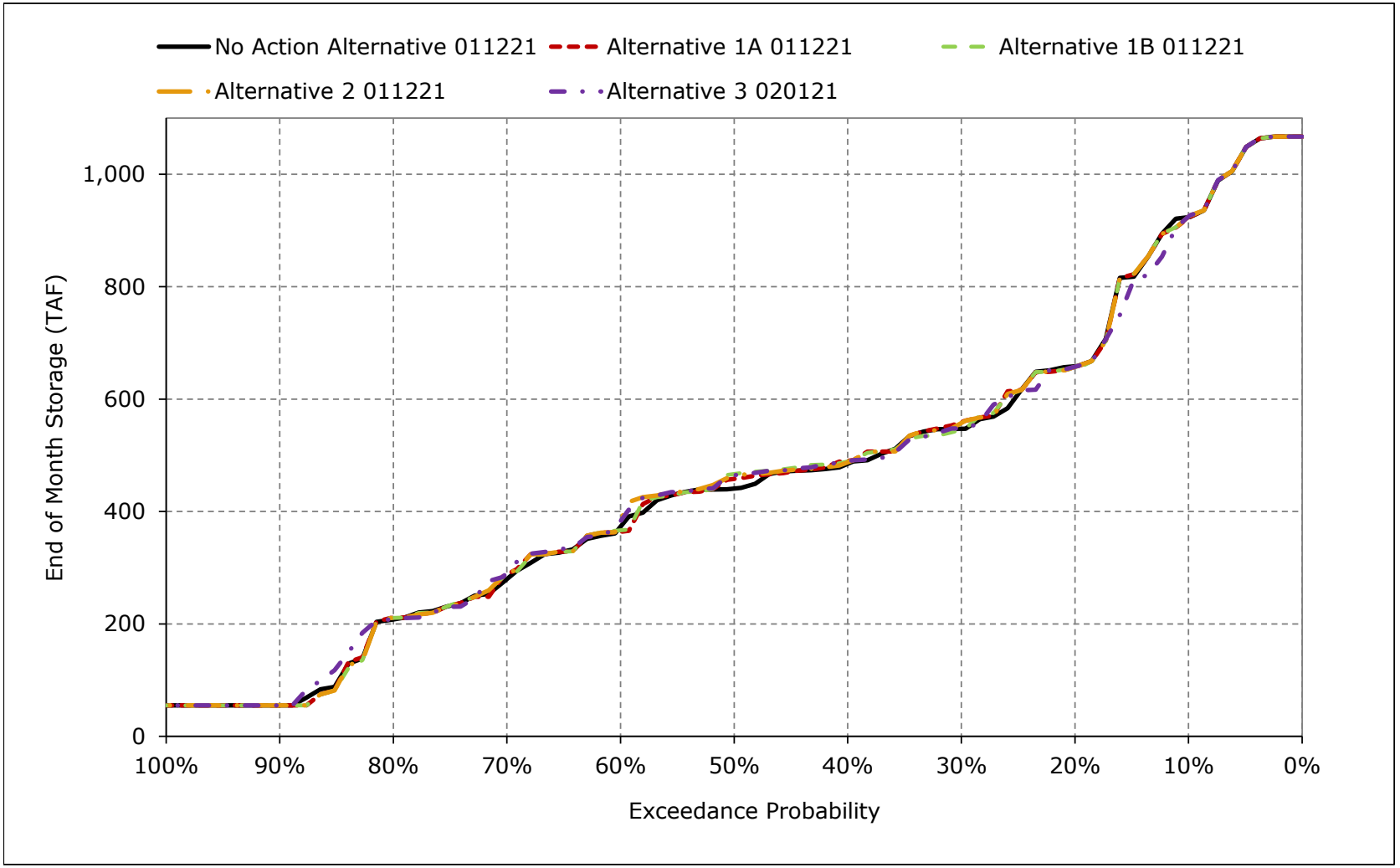


Figure 5B4-11-10. San Luis SWP Storage, July

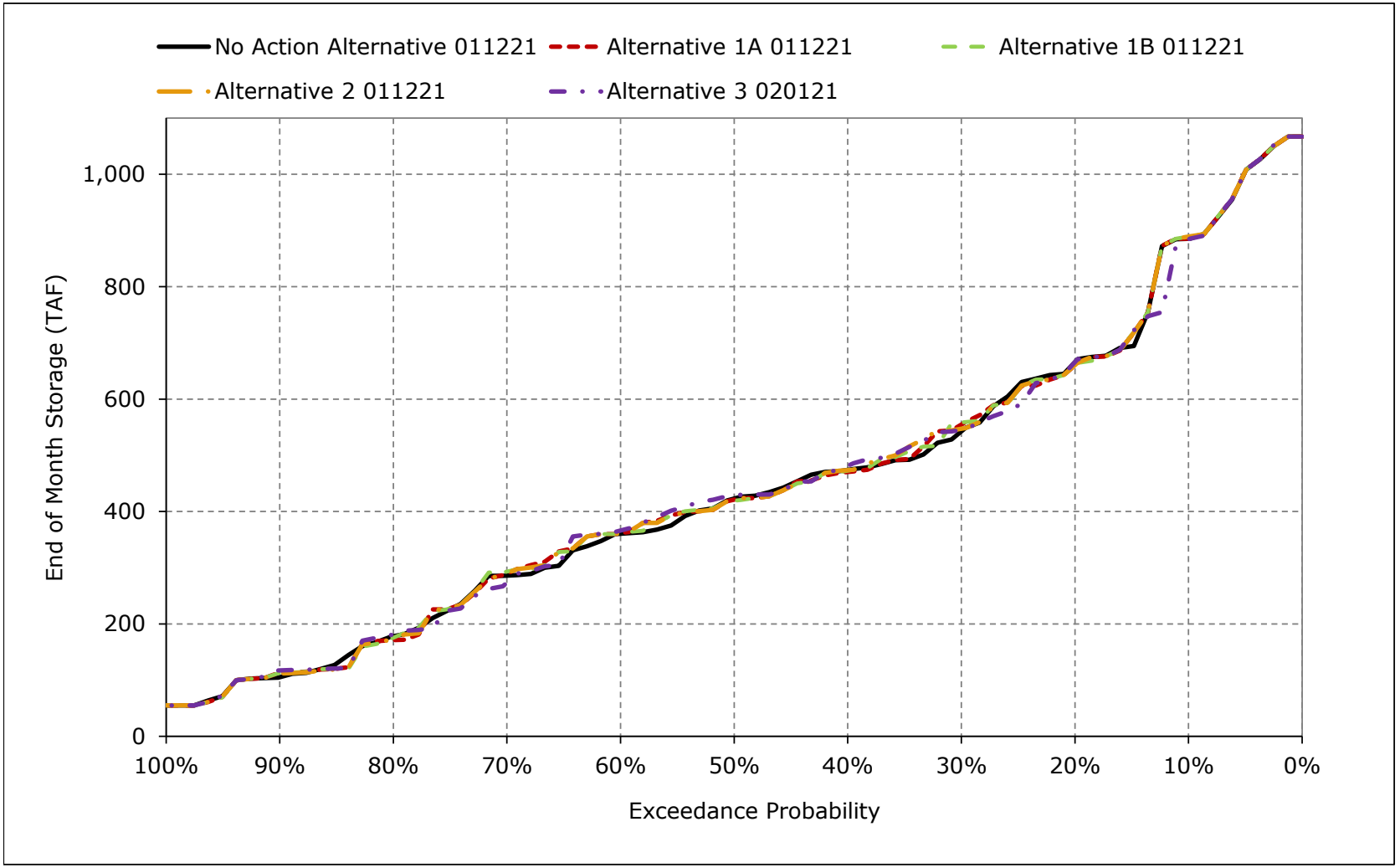


Figure 5B4-11-11. San Luis SWP Storage, August

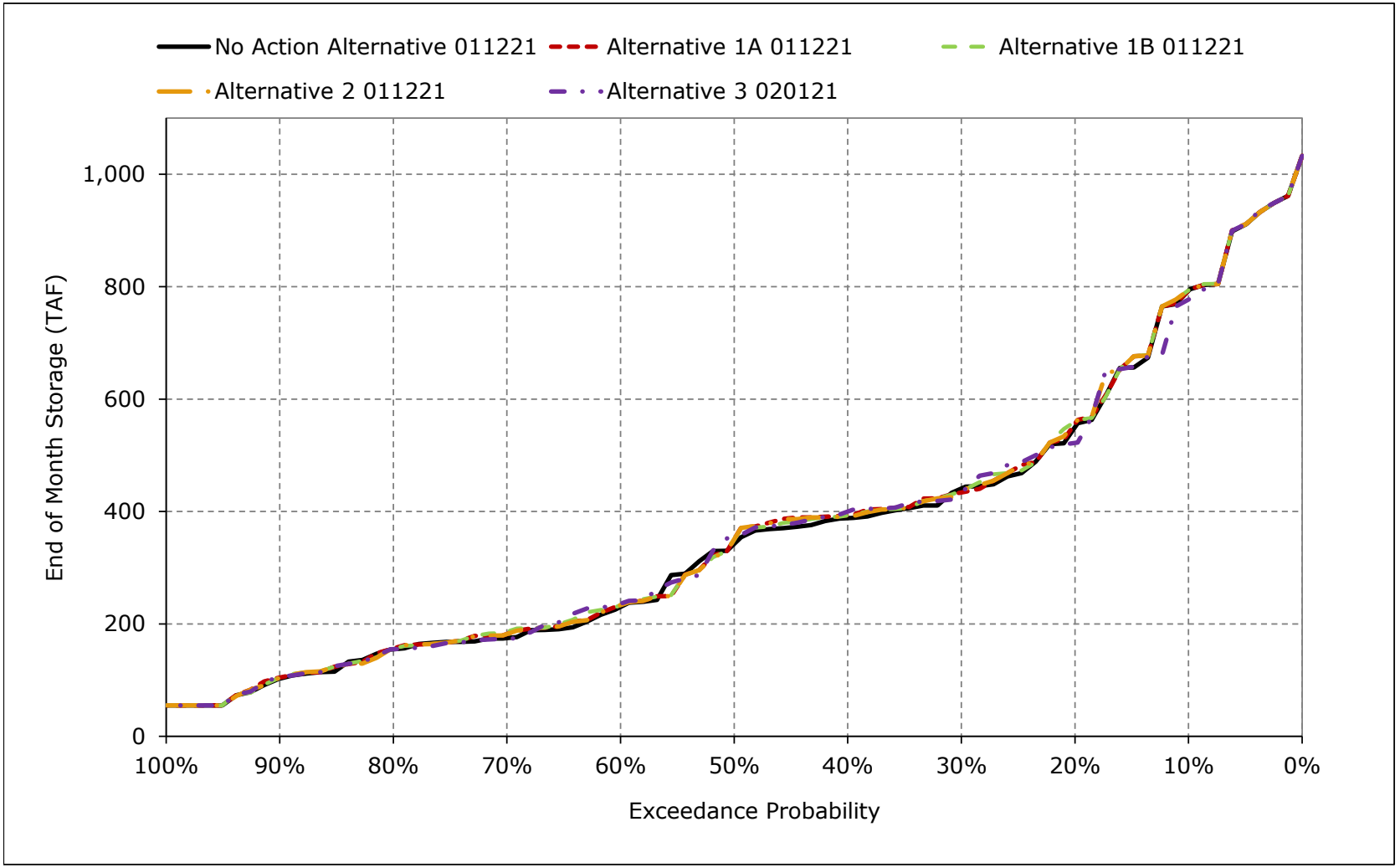


Figure 5B4-11-12. San Luis SWP Storage, September