

# Appendix 5B4 Regional Deliveries

## 1 Results

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 051422
- Alternative 1A 051722
- Alternative 1B 051722
- Alternative 2 051722
- Alternative 3 051722

**Table 5B4-1. River Operations Locations and Parameters**

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

<b>Section</b>	<b>Output Parameters</b>	<b>Table Numbers</b>	<b>Figure Numbers</b>
Delivery Ops	SWP San Luis Reservoir Storage	5B4-11-1a to 5B4-11-4c	5B4-11-1 to 5B4-11-12

## **2 Report Formats**

Reports include monthly tables, monthly pattern charts, and monthly exceedance charts. Monthly tables compare 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) present all alternatives. Monthly exceedance charts (all months) present all alternatives.

**Table 5B4-1-1a. Total Delta Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	9,397	11,280	11,731	9,259	11,797	9,416	8,051	9,149	9,648	11,280	11,148	11,013
<b>20% Exceedance</b>	8,227	11,280	11,632	8,225	9,530	7,908	6,247	6,280	7,393	11,038	10,502	10,721
<b>30% Exceedance</b>	7,118	11,280	11,548	7,254	8,649	7,317	4,755	4,368	5,539	10,903	10,332	10,309
<b>40% Exceedance</b>	6,754	11,280	10,162	7,065	7,913	5,856	4,147	4,107	5,369	10,803	9,917	9,881
<b>50% Exceedance</b>	6,319	10,252	7,945	6,873	7,007	5,403	3,660	3,791	5,122	10,607	9,068	9,083
<b>60% Exceedance</b>	5,653	8,152	7,161	6,662	6,586	5,142	3,118	3,501	4,970	10,215	7,758	7,809
<b>70% Exceedance</b>	5,164	6,280	6,626	6,454	6,384	4,723	2,496	3,275	4,700	8,621	4,982	6,983
<b>80% Exceedance</b>	4,614	4,895	6,248	6,101	6,194	4,466	1,973	2,728	4,120	6,009	4,547	5,945
<b>90% Exceedance</b>	3,507	4,254	5,093	5,292	5,918	4,182	1,516	2,234	2,249	2,503	2,967	4,379
<b>Full Simulation Period Average<sup>a</sup></b>	6,420	8,537	8,621	7,194	7,944	6,147	4,231	4,529	5,511	8,787	7,749	8,296
<b>Wet Water Years (32%)</b>	7,862	11,150	10,444	8,526	9,658	8,323	6,773	6,643	7,809	10,640	9,701	10,105
<b>Above Normal Water Years (15%)</b>	6,685	10,415	9,962	7,197	8,053	6,554	4,291	4,825	6,217	9,972	9,751	10,210
<b>Below Normal Water Years (17%)</b>	8,126	8,120	8,531	6,805	8,161	5,748	3,785	4,193	4,991	10,804	10,487	9,466
<b>Dry Water Years (22%)</b>	4,781	6,375	7,097	6,633	6,489	4,644	2,536	3,065	4,374	7,950	4,459	6,534
<b>Critical Water Years (15%)</b>	3,501	4,731	5,720	5,604	6,048	3,742	1,725	2,243	2,138	2,486	3,258	3,740

**Table 5B4-1-1b. Total Delta Exports, Alternative 1A 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	9,727	11,280	11,731	9,259	11,760	9,456	8,051	8,496	9,648	11,359	11,146	11,040
<b>20% Exceedance</b>	8,277	11,280	11,632	8,225	9,530	7,909	6,425	6,246	7,393	11,136	10,515	10,752
<b>30% Exceedance</b>	7,641	11,280	11,495	7,254	8,649	7,305	4,755	4,368	5,539	10,955	10,349	10,329
<b>40% Exceedance</b>	6,949	11,280	9,578	7,065	7,913	5,856	4,112	4,107	5,378	10,863	9,922	9,897
<b>50% Exceedance</b>	6,666	10,381	7,891	6,873	7,007	5,445	3,659	3,791	5,153	10,648	9,071	9,045
<b>60% Exceedance</b>	6,266	8,739	7,247	6,662	6,586	5,142	3,117	3,481	4,971	10,263	7,915	8,110
<b>70% Exceedance</b>	5,845	6,954	6,614	6,454	6,384	4,723	2,509	3,280	4,700	8,991	6,076	7,665
<b>80% Exceedance</b>	5,191	5,787	6,279	6,102	6,194	4,466	1,962	2,726	4,121	6,594	5,214	7,056
<b>90% Exceedance</b>	4,494	4,278	5,672	5,292	5,918	4,182	1,524	2,249	2,252	3,521	4,741	5,063
<b>Full Simulation Period Average<sup>a</sup></b>	6,849	8,845	8,595	7,205	7,939	6,135	4,243	4,502	5,515	9,105	8,210	8,607
<b>Wet Water Years (32%)</b>	7,984	11,150	10,438	8,529	9,649	8,263	6,753	6,663	7,809	10,660	9,696	10,112
<b>Above Normal Water Years (15%)</b>	6,758	10,455	9,970	7,197	8,033	6,550	4,416	4,584	6,217	10,014	9,772	10,204
<b>Below Normal Water Years (17%)</b>	8,511	9,076	8,507	6,804	8,162	5,755	3,789	4,192	5,030	10,815	10,568	9,625
<b>Dry Water Years (22%)</b>	5,776	6,917	6,929	6,655	6,490	4,644	2,539	3,072	4,364	8,778	5,679	7,345
<b>Critical Water Years (15%)</b>	4,148	4,861	5,827	5,638	6,052	3,788	1,720	2,244	2,135	3,321	4,476	4,456

**Table 5B4-1-1c. Total Delta Exports, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	330	0	0	0	-37	41	0	-653	0	79	-2	27
<b>20% Exceedance</b>	49	0	0	0	0	1	178	-35	1	97	14	31
<b>30% Exceedance</b>	522	0	-53	0	0	-12	0	0	0	52	17	19
<b>40% Exceedance</b>	195	0	-583	0	0	0	-35	0	9	61	5	16
<b>50% Exceedance</b>	347	129	-54	0	0	43	-1	0	31	41	3	-39
<b>60% Exceedance</b>	613	587	86	0	0	0	-1	-20	2	47	158	302
<b>70% Exceedance</b>	680	673	-12	0	0	0	13	5	0	370	1,093	682
<b>80% Exceedance</b>	577	892	31	1	0	0	-11	-2	1	586	668	1,111
<b>90% Exceedance</b>	988	24	579	0	0	0	7	14	3	1,018	1,775	685
<b>Full Simulation Period Average<sup>a</sup></b>	428	307	-26	11	-5	-12	13	-27	4	318	461	311
<b>Wet Water Years (32%)</b>	122	0	-6	3	-8	-60	-20	20	0	20	-5	7
<b>Above Normal Water Years (15%)</b>	73	40	8	0	-20	-5	125	-241	0	41	21	-6
<b>Below Normal Water Years (17%)</b>	385	956	-24	-1	1	8	4	-1	39	11	81	159
<b>Dry Water Years (22%)</b>	995	543	-168	21	1	0	3	8	-10	828	1,220	811
<b>Critical Water Years (15%)</b>	648	130	107	34	4	46	-5	1	-3	835	1,218	716

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-1-2a. Total Delta Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	9,397	11,280	11,731	9,259	11,797	9,416	8,051	9,149	9,648	11,280	11,148	11,013
<b>20% Exceedance</b>	8,227	11,280	11,632	8,225	9,530	7,908	6,247	6,280	7,393	11,038	10,502	10,721
<b>30% Exceedance</b>	7,118	11,280	11,548	7,254	8,649	7,317	4,755	4,368	5,539	10,903	10,332	10,309
<b>40% Exceedance</b>	6,754	11,280	10,162	7,065	7,913	5,856	4,147	4,107	5,369	10,803	9,917	9,881
<b>50% Exceedance</b>	6,319	10,252	7,945	6,873	7,007	5,403	3,660	3,791	5,122	10,607	9,068	9,083
<b>60% Exceedance</b>	5,653	8,152	7,161	6,662	6,586	5,142	3,118	3,501	4,970	10,215	7,758	7,809
<b>70% Exceedance</b>	5,164	6,280	6,626	6,454	6,384	4,723	2,496	3,275	4,700	8,621	4,982	6,983
<b>80% Exceedance</b>	4,614	4,895	6,248	6,101	6,194	4,466	1,973	2,728	4,120	6,009	4,547	5,945
<b>90% Exceedance</b>	3,507	4,254	5,093	5,292	5,918	4,182	1,516	2,234	2,249	2,503	2,967	4,379
<b>Full Simulation Period Average<sup>a</sup></b>	6,420	8,537	8,621	7,194	7,944	6,147	4,231	4,529	5,511	8,787	7,749	8,296
<b>Wet Water Years (32%)</b>	7,862	11,150	10,444	8,526	9,658	8,323	6,773	6,643	7,809	10,640	9,701	10,105
<b>Above Normal Water Years (15%)</b>	6,685	10,415	9,962	7,197	8,053	6,554	4,291	4,825	6,217	9,972	9,751	10,210
<b>Below Normal Water Years (17%)</b>	8,126	8,120	8,531	6,805	8,161	5,748	3,785	4,193	4,991	10,804	10,487	9,466
<b>Dry Water Years (22%)</b>	4,781	6,375	7,097	6,633	6,489	4,644	2,536	3,065	4,374	7,950	4,459	6,534
<b>Critical Water Years (15%)</b>	3,501	4,731	5,720	5,604	6,048	3,742	1,725	2,243	2,138	2,486	3,258	3,740

**Table 5B4-1-2b. Total Delta Exports, Alternative 1B 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	9,916	11,280	11,715	9,259	11,846	9,484	8,051	8,495	9,648	11,302	11,140	11,039
<b>20% Exceedance</b>	8,317	11,280	11,627	8,225	9,172	7,910	6,247	6,245	7,393	11,192	10,515	10,771
<b>30% Exceedance</b>	7,640	11,280	11,296	7,254	8,649	7,260	4,755	4,368	5,539	10,965	10,351	10,496
<b>40% Exceedance</b>	7,008	11,280	9,410	7,065	7,913	5,856	4,112	4,107	5,378	10,893	9,918	9,917
<b>50% Exceedance</b>	6,705	10,381	7,710	6,873	7,007	5,445	3,659	3,791	5,153	10,669	9,077	9,045
<b>60% Exceedance</b>	6,268	8,934	7,113	6,663	6,586	5,142	3,118	3,481	4,932	10,256	8,077	8,188
<b>70% Exceedance</b>	5,841	7,143	6,570	6,454	6,384	4,723	2,515	3,279	4,700	9,017	5,924	7,665
<b>80% Exceedance</b>	5,219	5,481	6,067	6,166	6,194	4,466	1,961	2,725	4,121	6,953	5,155	7,058
<b>90% Exceedance</b>	4,180	4,407	5,256	5,292	5,918	4,213	1,517	2,375	2,155	3,501	4,688	5,032
<b>Full Simulation Period Average<sup>a</sup></b>	6,868	8,897	8,444	7,206	7,938	6,164	4,236	4,517	5,514	9,105	8,191	8,617
<b>Wet Water Years (32%)</b>	7,998	11,150	10,428	8,527	9,660	8,250	6,736	6,656	7,809	10,684	9,723	10,111
<b>Above Normal Water Years (15%)</b>	6,826	10,457	9,977	7,197	7,989	6,550	4,423	4,584	6,205	10,014	9,784	10,209
<b>Below Normal Water Years (17%)</b>	8,514	9,269	8,544	6,810	8,162	5,759	3,778	4,194	5,020	10,838	10,574	9,682
<b>Dry Water Years (22%)</b>	5,841	7,009	6,228	6,654	6,491	4,644	2,537	3,146	4,389	8,777	5,569	7,363
<b>Critical Water Years (15%)</b>	4,079	4,856	5,817	5,645	6,065	4,011	1,716	2,244	2,115	3,244	4,429	4,428

**Table 5B4-1-2c. Total Delta Exports, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	519	0	-17	0	49	68	0	-653	0	22	-8	26
<b>20% Exceedance</b>	90	0	-5	0	-358	1	0	-35	1	153	14	50
<b>30% Exceedance</b>	522	0	-252	0	0	-57	0	0	0	61	19	186
<b>40% Exceedance</b>	254	0	-752	0	0	0	-35	0	9	90	0	36
<b>50% Exceedance</b>	386	129	-235	0	0	43	-1	0	31	62	9	-39
<b>60% Exceedance</b>	615	782	-48	0	0	0	0	-20	-38	40	319	379
<b>70% Exceedance</b>	676	863	-56	0	0	0	18	4	0	396	942	682
<b>80% Exceedance</b>	606	586	-181	64	0	0	-12	-3	1	945	609	1,113
<b>90% Exceedance</b>	673	153	163	0	0	31	0	141	-94	998	1,721	654
<b>Full Simulation Period Average<sup>a</sup></b>	448	360	-177	12	-6	18	5	-13	3	318	442	321
<b>Wet Water Years (32%)</b>	137	0	-16	1	2	-73	-36	14	0	43	22	6
<b>Above Normal Water Years (15%)</b>	141	42	14	0	-64	-5	132	-241	-11	42	33	-1
<b>Below Normal Water Years (17%)</b>	388	1,149	13	5	1	11	-6	1	29	35	87	216
<b>Dry Water Years (22%)</b>	1,061	634	-869	21	2	0	1	82	15	827	1,110	829
<b>Critical Water Years (15%)</b>	578	126	98	42	17	269	-10	1	-23	758	1,171	688

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-1-3a. Total Delta Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	9,397	11,280	11,731	9,259	11,797	9,416	8,051	9,149	9,648	11,280	11,148	11,013
<b>20% Exceedance</b>	8,227	11,280	11,632	8,225	9,530	7,908	6,247	6,280	7,393	11,038	10,502	10,721
<b>30% Exceedance</b>	7,118	11,280	11,548	7,254	8,649	7,317	4,755	4,368	5,539	10,903	10,332	10,309
<b>40% Exceedance</b>	6,754	11,280	10,162	7,065	7,913	5,856	4,147	4,107	5,369	10,803	9,917	9,881
<b>50% Exceedance</b>	6,319	10,252	7,945	6,873	7,007	5,403	3,660	3,791	5,122	10,607	9,068	9,083
<b>60% Exceedance</b>	5,653	8,152	7,161	6,662	6,586	5,142	3,118	3,501	4,970	10,215	7,758	7,809
<b>70% Exceedance</b>	5,164	6,280	6,626	6,454	6,384	4,723	2,496	3,275	4,700	8,621	4,982	6,983
<b>80% Exceedance</b>	4,614	4,895	6,248	6,101	6,194	4,466	1,973	2,728	4,120	6,009	4,547	5,945
<b>90% Exceedance</b>	3,507	4,254	5,093	5,292	5,918	4,182	1,516	2,234	2,249	2,503	2,967	4,379
<b>Full Simulation Period Average<sup>a</sup></b>	6,420	8,537	8,621	7,194	7,944	6,147	4,231	4,529	5,511	8,787	7,749	8,296
<b>Wet Water Years (32%)</b>	7,862	11,150	10,444	8,526	9,658	8,323	6,773	6,643	7,809	10,640	9,701	10,105
<b>Above Normal Water Years (15%)</b>	6,685	10,415	9,962	7,197	8,053	6,554	4,291	4,825	6,217	9,972	9,751	10,210
<b>Below Normal Water Years (17%)</b>	8,126	8,120	8,531	6,805	8,161	5,748	3,785	4,193	4,991	10,804	10,487	9,466
<b>Dry Water Years (22%)</b>	4,781	6,375	7,097	6,633	6,489	4,644	2,536	3,065	4,374	7,950	4,459	6,534
<b>Critical Water Years (15%)</b>	3,501	4,731	5,720	5,604	6,048	3,742	1,725	2,243	2,138	2,486	3,258	3,740

**Table 5B4-1-3b. Total Delta Exports, Alternative 2 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	9,722	11,280	11,731	9,259	11,759	9,379	8,051	8,496	9,648	11,359	11,146	11,040
<b>20% Exceedance</b>	8,277	11,280	11,632	8,225	9,530	7,909	6,425	6,246	7,393	11,136	10,515	10,758
<b>30% Exceedance</b>	7,575	11,280	11,495	7,254	8,649	7,305	4,755	4,368	5,539	10,960	10,349	10,329
<b>40% Exceedance</b>	6,949	11,280	9,576	7,065	7,913	5,856	4,112	4,107	5,378	10,893	10,041	9,878
<b>50% Exceedance</b>	6,608	10,381	7,891	6,873	7,007	5,445	3,659	3,791	5,153	10,656	9,071	9,045
<b>60% Exceedance</b>	6,220	8,739	7,247	6,662	6,586	5,142	3,117	3,481	4,971	10,263	7,915	8,125
<b>70% Exceedance</b>	5,845	6,948	6,614	6,454	6,384	4,723	2,509	3,280	4,700	8,991	6,075	7,665
<b>80% Exceedance</b>	5,194	5,541	6,306	6,102	6,194	4,466	1,962	2,726	4,121	6,563	5,169	7,008
<b>90% Exceedance</b>	4,311	4,278	5,175	5,292	5,918	4,182	1,524	2,249	2,253	3,518	4,660	5,034
<b>Full Simulation Period Average<sup>a</sup></b>	6,822	8,838	8,586	7,205	7,937	6,136	4,245	4,502	5,515	9,107	8,194	8,572
<b>Wet Water Years (32%)</b>	7,967	11,150	10,438	8,527	9,643	8,261	6,753	6,663	7,809	10,660	9,696	10,113
<b>Above Normal Water Years (15%)</b>	6,759	10,455	9,969	7,197	8,032	6,550	4,425	4,584	6,217	10,014	9,772	10,204
<b>Below Normal Water Years (17%)</b>	8,479	9,074	8,503	6,804	8,162	5,755	3,788	4,192	5,026	10,856	10,612	9,597
<b>Dry Water Years (22%)</b>	5,743	6,868	6,931	6,655	6,490	4,644	2,539	3,072	4,365	8,778	5,672	7,280
<b>Critical Water Years (15%)</b>	4,090	4,892	5,772	5,641	6,052	3,801	1,720	2,246	2,137	3,286	4,324	4,344

**Table 5B4-1-3c. Total Delta Exports, Alternative 2 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	325	0	0	0	-38	-37	0	-653	0	79	-2	27
<b>20% Exceedance</b>	49	0	0	0	0	1	178	-34	1	97	14	36
<b>30% Exceedance</b>	457	0	-53	0	0	-12	0	0	0	57	17	19
<b>40% Exceedance</b>	195	0	-586	0	0	0	-35	0	9	90	123	-3
<b>50% Exceedance</b>	288	129	-54	0	0	43	-1	0	31	49	3	-39
<b>60% Exceedance</b>	567	587	86	0	0	0	-1	-20	2	48	158	316
<b>70% Exceedance</b>	680	667	-12	0	0	0	13	5	0	370	1,093	682
<b>80% Exceedance</b>	580	646	58	1	0	0	-11	-2	1	555	623	1,062
<b>90% Exceedance</b>	804	24	82	0	0	0	7	14	4	1,015	1,693	656
<b>Full Simulation Period Average<sup>a</sup></b>	402	301	-34	11	-7	-10	14	-27	4	320	445	276
<b>Wet Water Years (32%)</b>	105	0	-6	2	-15	-62	-20	20	0	20	-5	8
<b>Above Normal Water Years (15%)</b>	73	41	6	0	-21	-5	134	-241	0	41	21	-7
<b>Below Normal Water Years (17%)</b>	353	954	-28	-1	1	7	3	-1	34	52	124	132
<b>Dry Water Years (22%)</b>	963	494	-166	22	1	0	3	8	-9	828	1,213	746
<b>Critical Water Years (15%)</b>	589	161	52	37	4	59	-5	2	0	799	1,066	604

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-1-4a. Total Delta Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	9,397	11,280	11,731	9,259	11,797	9,416	8,051	9,149	9,648	11,280	11,148	11,013
<b>20% Exceedance</b>	8,227	11,280	11,632	8,225	9,530	7,908	6,247	6,280	7,393	11,038	10,502	10,721
<b>30% Exceedance</b>	7,118	11,280	11,548	7,254	8,649	7,317	4,755	4,368	5,539	10,903	10,332	10,309
<b>40% Exceedance</b>	6,754	11,280	10,162	7,065	7,913	5,856	4,147	4,107	5,369	10,803	9,917	9,881
<b>50% Exceedance</b>	6,319	10,252	7,945	6,873	7,007	5,403	3,660	3,791	5,122	10,607	9,068	9,083
<b>60% Exceedance</b>	5,653	8,152	7,161	6,662	6,586	5,142	3,118	3,501	4,970	10,215	7,758	7,809
<b>70% Exceedance</b>	5,164	6,280	6,626	6,454	6,384	4,723	2,496	3,275	4,700	8,621	4,982	6,983
<b>80% Exceedance</b>	4,614	4,895	6,248	6,101	6,194	4,466	1,973	2,728	4,120	6,009	4,547	5,945
<b>90% Exceedance</b>	3,507	4,254	5,093	5,292	5,918	4,182	1,516	2,234	2,249	2,503	2,967	4,379
<b>Full Simulation Period Average<sup>a</sup></b>	6,420	8,537	8,621	7,194	7,944	6,147	4,231	4,529	5,511	8,787	7,749	8,296
<b>Wet Water Years (32%)</b>	7,862	11,150	10,444	8,526	9,658	8,323	6,773	6,643	7,809	10,640	9,701	10,105
<b>Above Normal Water Years (15%)</b>	6,685	10,415	9,962	7,197	8,053	6,554	4,291	4,825	6,217	9,972	9,751	10,210
<b>Below Normal Water Years (17%)</b>	8,126	8,120	8,531	6,805	8,161	5,748	3,785	4,193	4,991	10,804	10,487	9,466
<b>Dry Water Years (22%)</b>	4,781	6,375	7,097	6,633	6,489	4,644	2,536	3,065	4,374	7,950	4,459	6,534
<b>Critical Water Years (15%)</b>	3,501	4,731	5,720	5,604	6,048	3,742	1,725	2,243	2,138	2,486	3,258	3,740

**Table 5B4-1-4b. Total Delta Exports, Alternative 3 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	10,410	11,280	11,713	9,259	11,731	9,363	8,051	8,941	9,648	11,280	11,140	11,063
<b>20% Exceedance</b>	8,660	11,280	11,613	8,225	9,154	7,910	5,995	6,280	7,393	11,158	10,515	10,770
<b>30% Exceedance</b>	7,312	11,280	11,390	7,254	8,649	7,260	4,728	4,367	5,539	10,941	10,379	10,526
<b>40% Exceedance</b>	7,075	11,280	9,434	7,065	7,913	5,856	4,147	4,107	5,368	10,863	9,954	9,881
<b>50% Exceedance</b>	6,612	10,437	7,891	6,873	7,007	5,445	3,716	3,807	5,153	10,688	9,086	9,043
<b>60% Exceedance</b>	6,188	8,902	7,158	6,663	6,586	5,142	3,108	3,489	4,933	10,281	8,078	8,031
<b>70% Exceedance</b>	5,652	6,917	6,660	6,455	6,384	4,734	2,514	3,279	4,700	9,201	5,928	7,415
<b>80% Exceedance</b>	5,122	5,961	6,183	6,216	6,194	4,483	1,952	2,724	4,341	6,825	5,071	7,055
<b>90% Exceedance</b>	4,118	4,256	5,453	5,292	5,964	4,194	1,568	2,333	2,168	3,509	4,194	4,983
<b>Full Simulation Period Average<sup>a</sup></b>	6,843	8,880	8,526	7,203	7,939	6,160	4,174	4,546	5,511	9,109	8,124	8,532
<b>Wet Water Years (32%)</b>	8,043	11,150	10,448	8,527	9,641	8,224	6,621	6,640	7,809	10,687	9,716	10,116
<b>Above Normal Water Years (15%)</b>	7,097	10,617	9,915	7,197	7,981	6,555	4,214	4,806	6,205	10,021	9,759	10,207
<b>Below Normal Water Years (17%)</b>	8,157	8,833	8,839	6,819	8,162	5,761	3,774	4,186	5,005	10,794	10,552	9,633
<b>Dry Water Years (22%)</b>	5,793	7,175	6,335	6,666	6,532	4,644	2,559	3,158	4,413	8,873	5,477	7,237
<b>Critical Water Years (15%)</b>	4,027	4,838	5,895	5,597	6,057	4,029	1,722	2,251	2,077	3,167	4,175	4,081

**Table 5B4-1-4c. Total Delta Exports, Alternative 3 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	1,013	0	-18	0	-66	-53	0	-208	0	0	-8	49
<b>20% Exceedance</b>	432	0	-19	0	-376	1	-252	0	1	120	13	48
<b>30% Exceedance</b>	193	0	-159	0	0	-57	-27	-1	0	38	47	217
<b>40% Exceedance</b>	322	0	-728	0	0	0	0	0	-1	60	37	0
<b>50% Exceedance</b>	293	184	-54	0	0	43	56	16	31	81	18	-40
<b>60% Exceedance</b>	535	750	-3	0	0	0	-10	-12	-37	66	321	222
<b>70% Exceedance</b>	487	637	34	0	0	11	18	4	0	579	946	432
<b>80% Exceedance</b>	509	1,067	-65	115	0	17	-21	-4	221	816	524	1,110
<b>90% Exceedance</b>	611	2	360	0	46	12	52	98	-80	1,007	1,227	604
<b>Full Simulation Period Average<sup>a</sup></b>	422	343	-95	9	-5	13	-57	17	0	323	375	236
<b>Wet Water Years (32%)</b>	182	1	4	1	-16	-100	-151	-2	0	47	15	11
<b>Above Normal Water Years (15%)</b>	412	202	-48	0	-72	1	-76	-19	-12	48	7	-3
<b>Below Normal Water Years (17%)</b>	31	713	308	14	1	13	-11	-7	14	-10	65	167
<b>Dry Water Years (22%)</b>	1,013	800	-762	33	43	1	23	94	39	923	1,018	703
<b>Critical Water Years (15%)</b>	526	107	175	-6	9	288	-3	7	-60	681	917	340

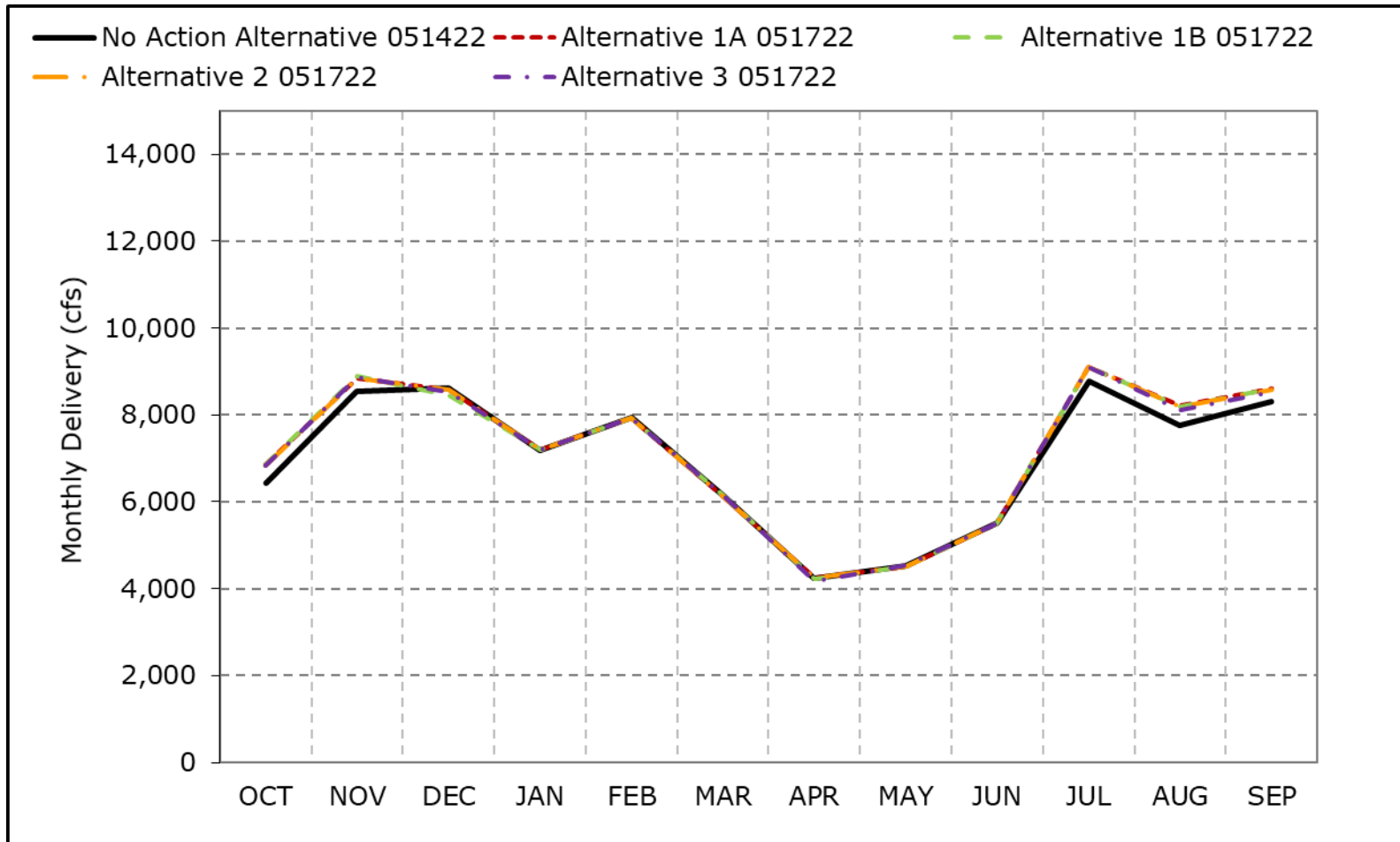
<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

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

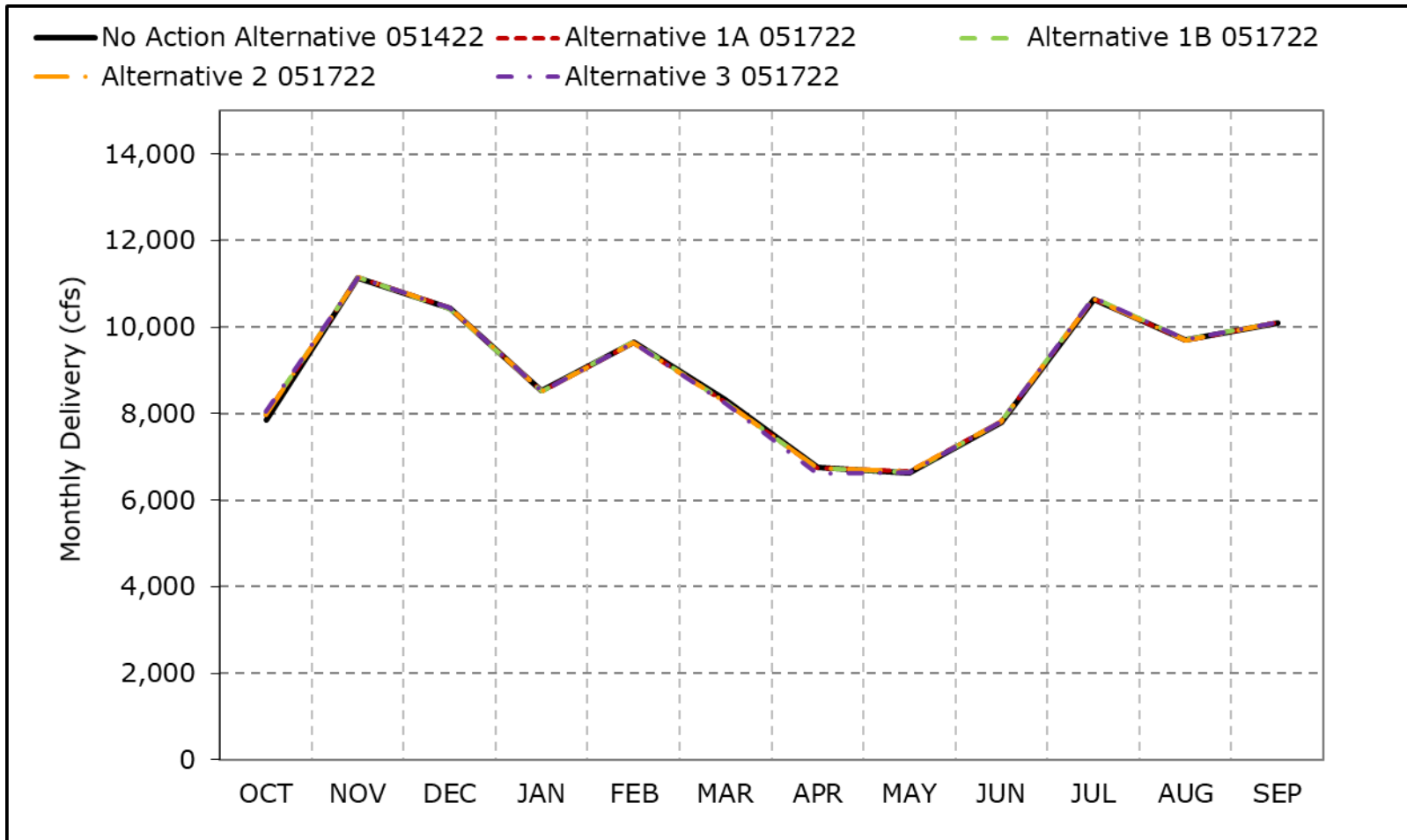


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



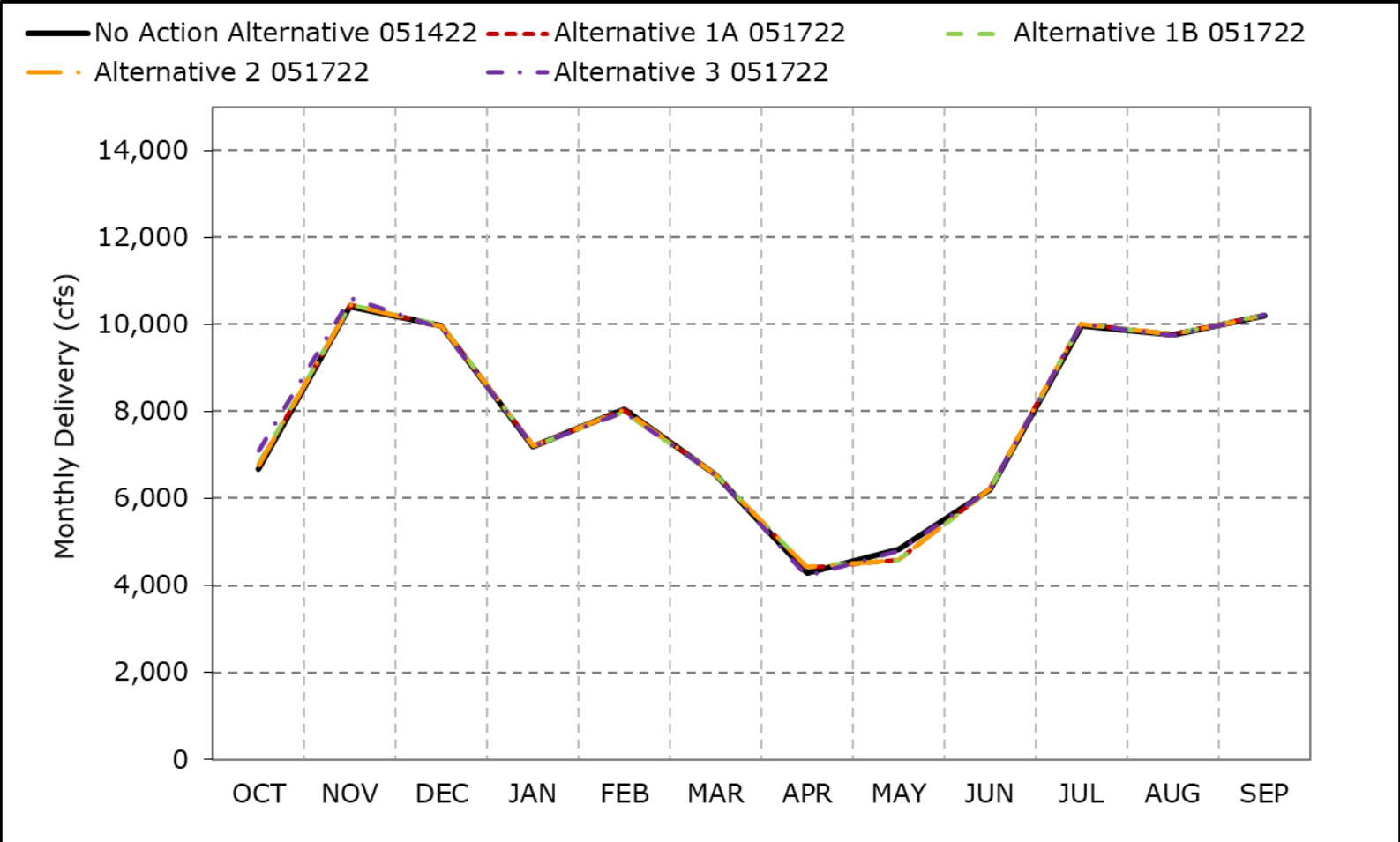
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.



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

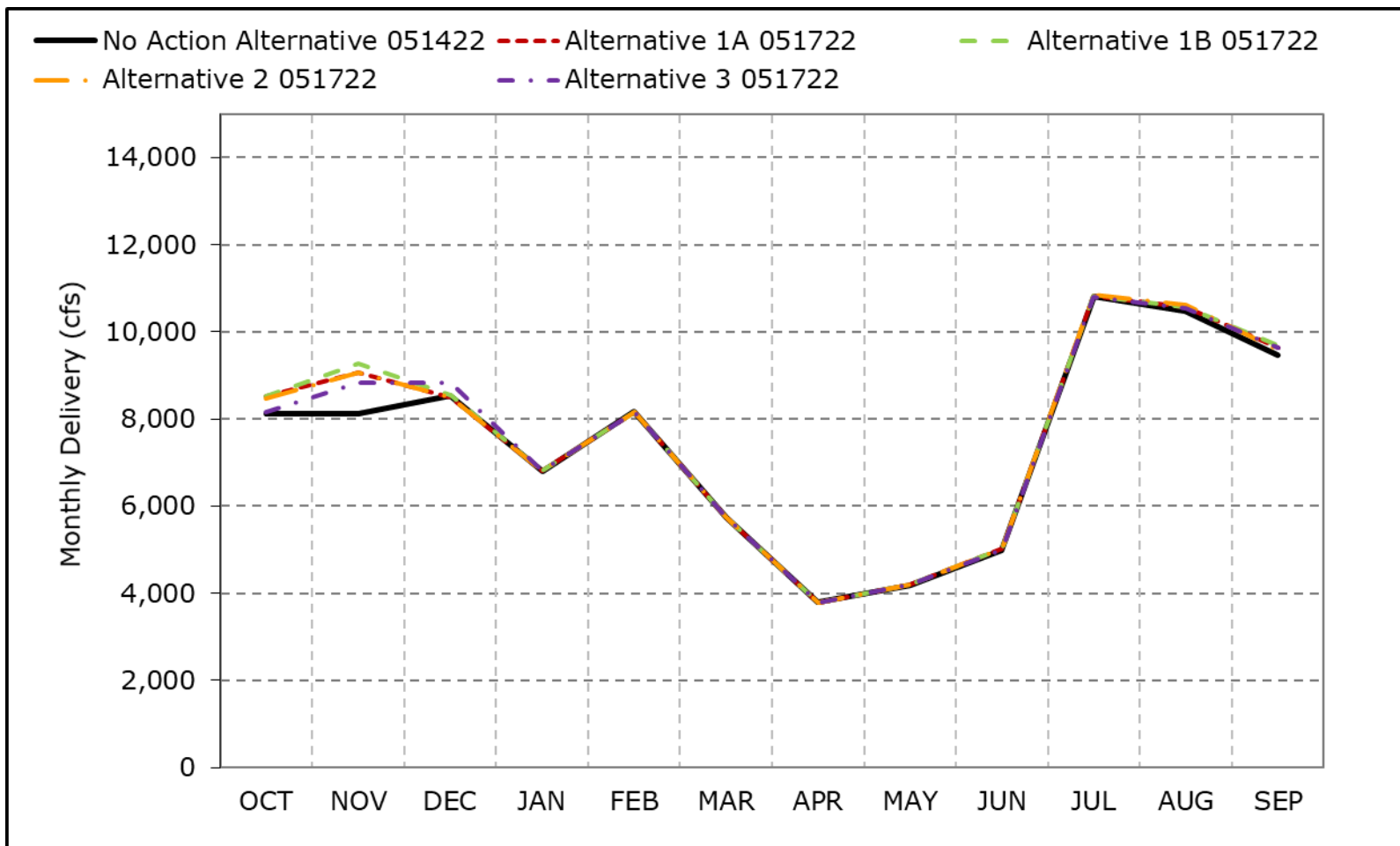


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

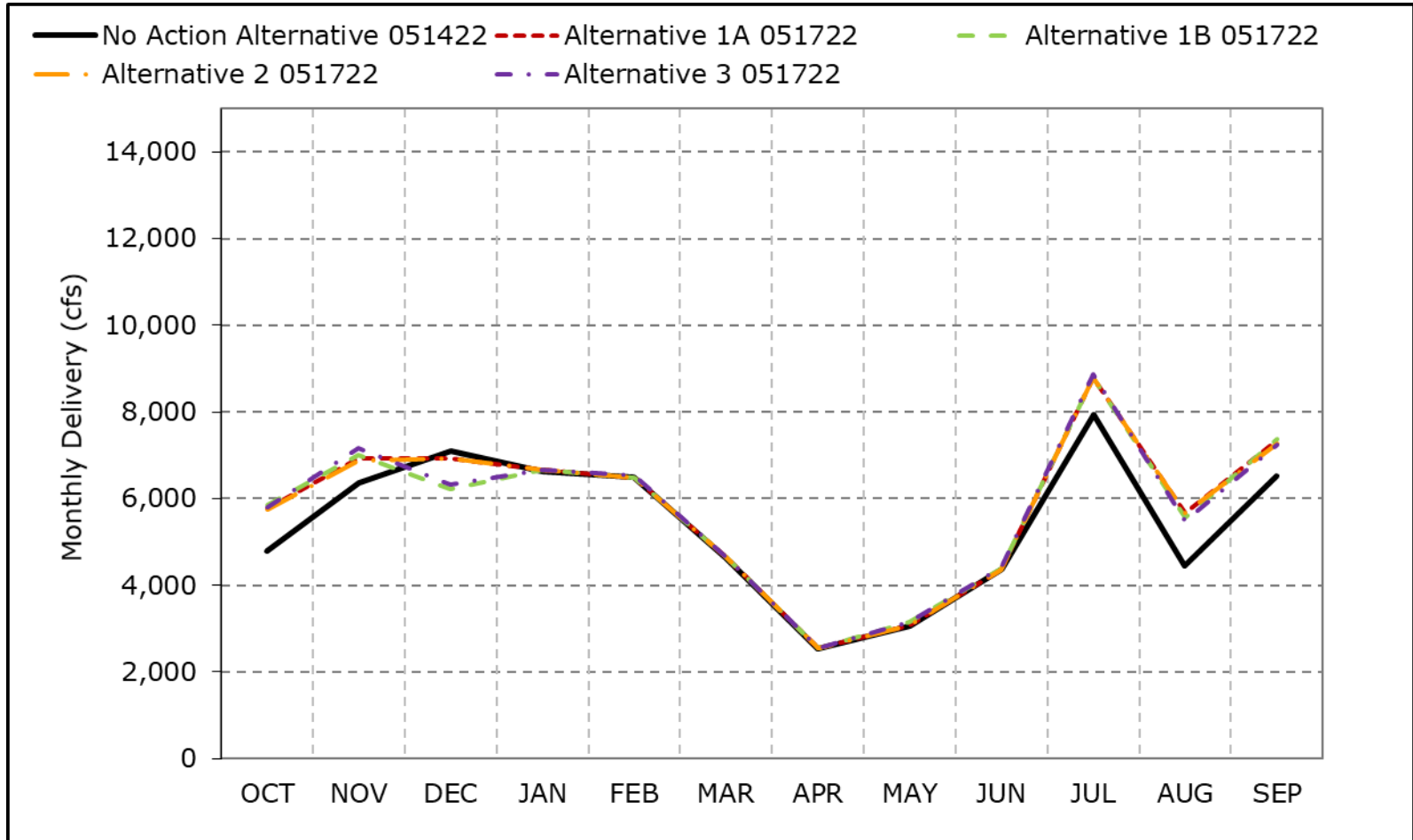


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

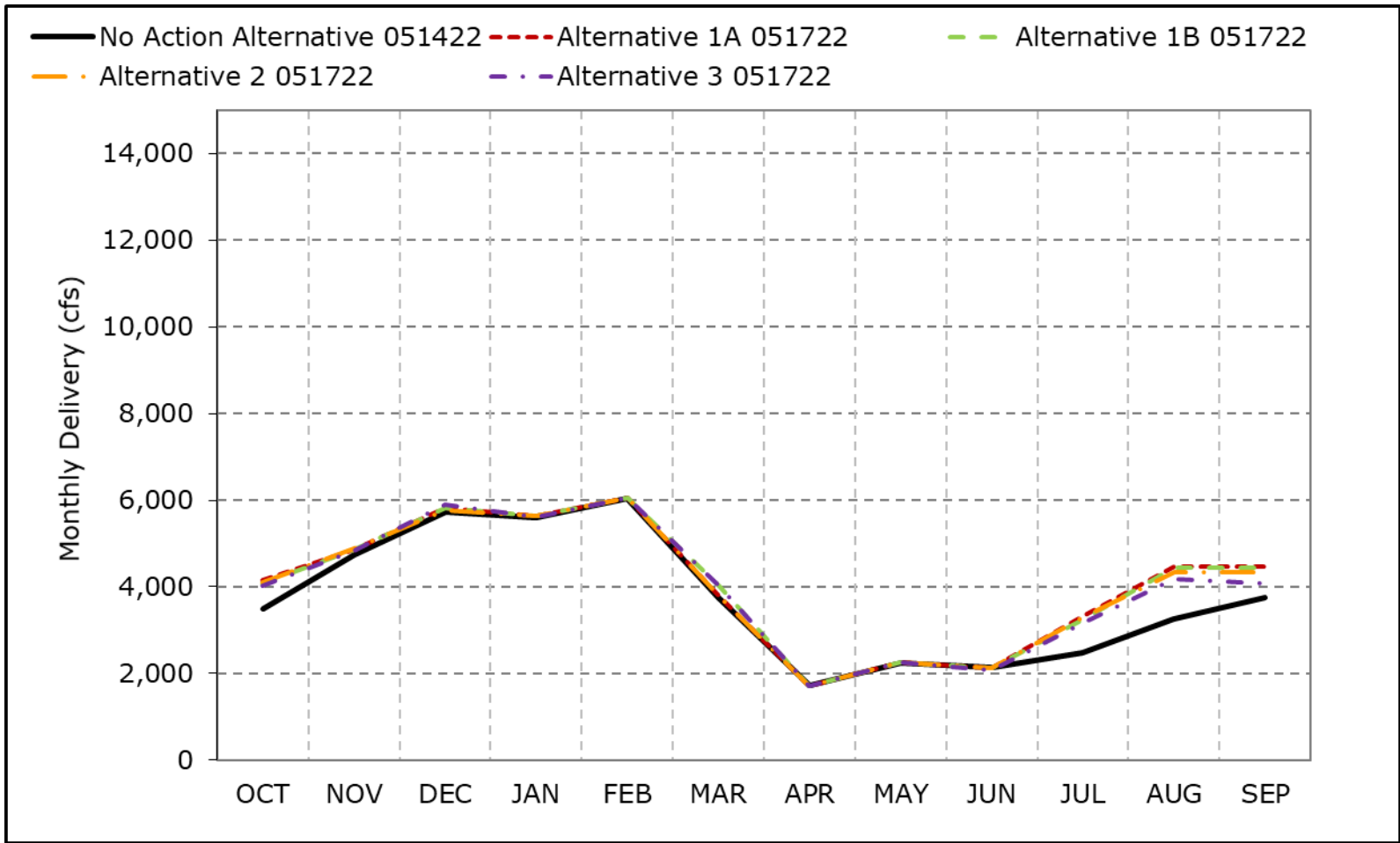


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

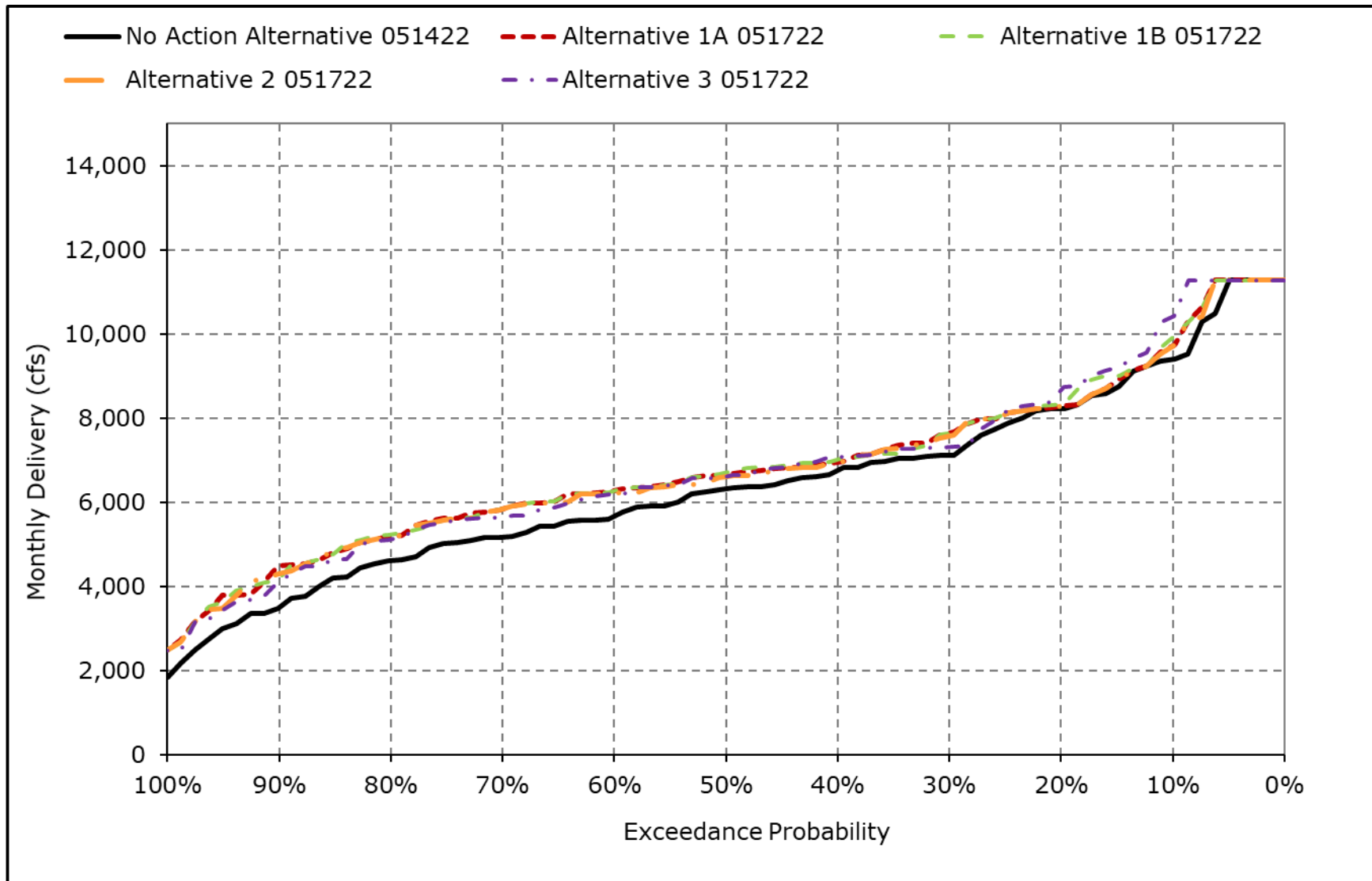


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

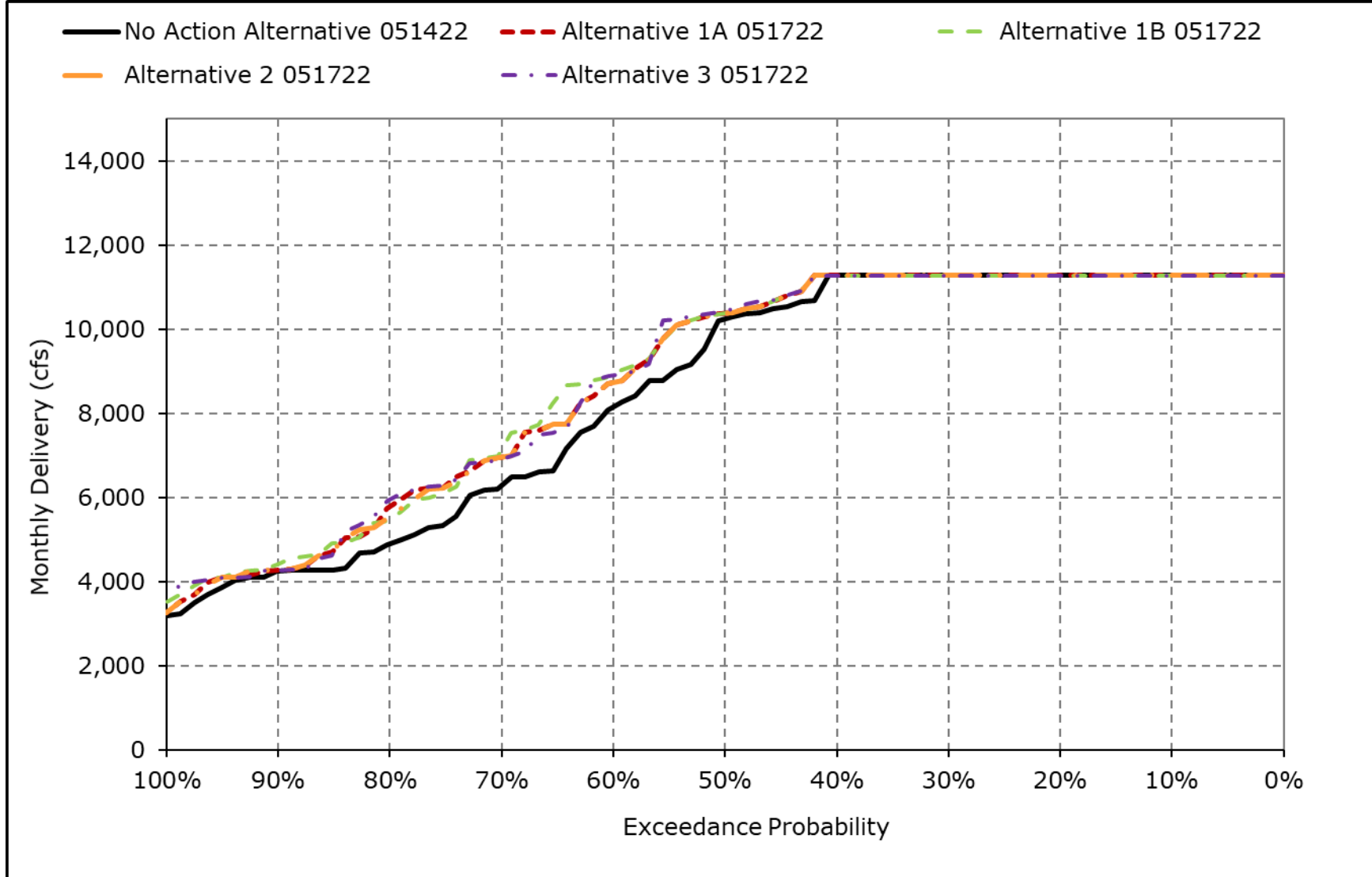
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



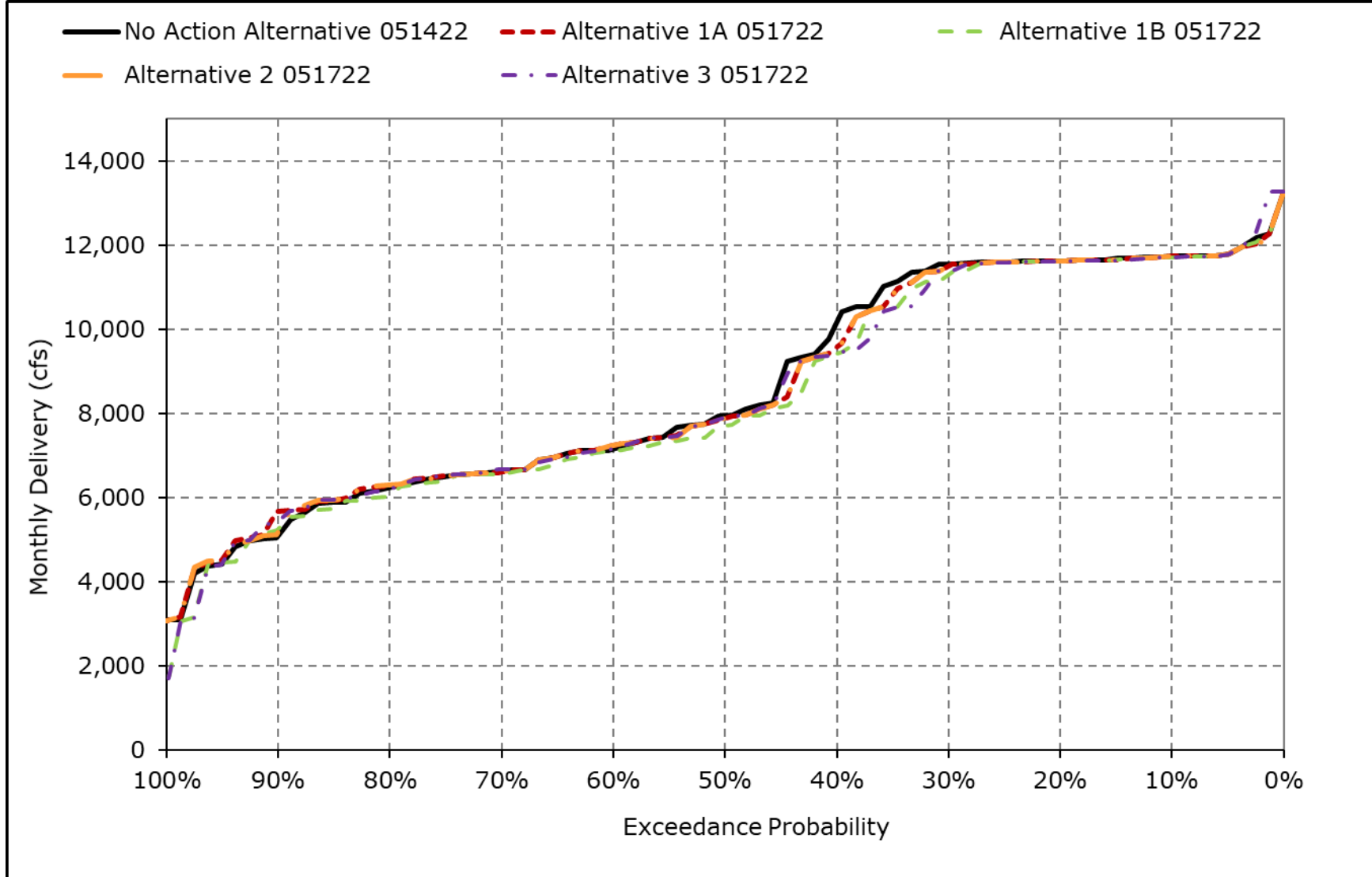
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



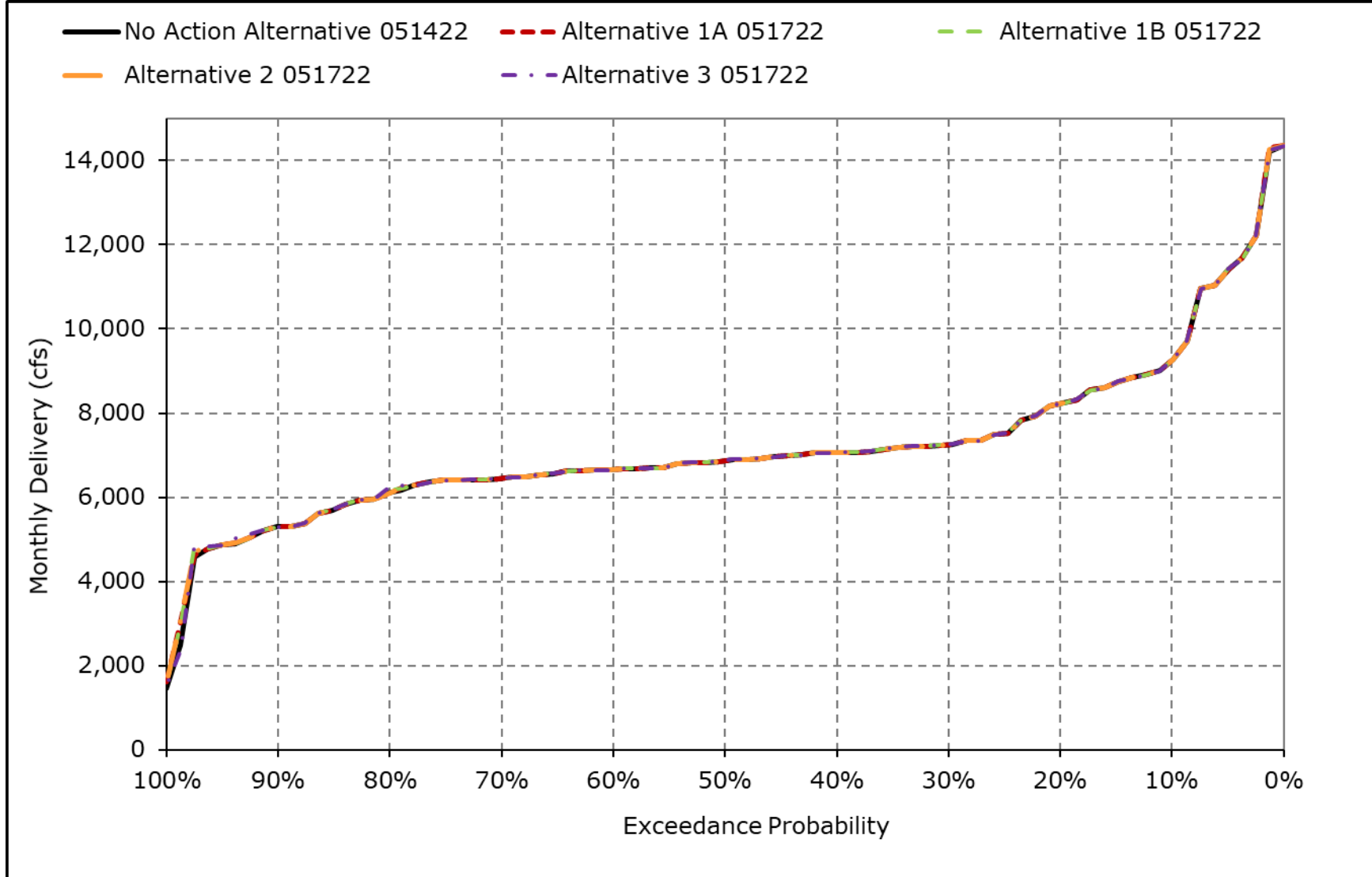
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

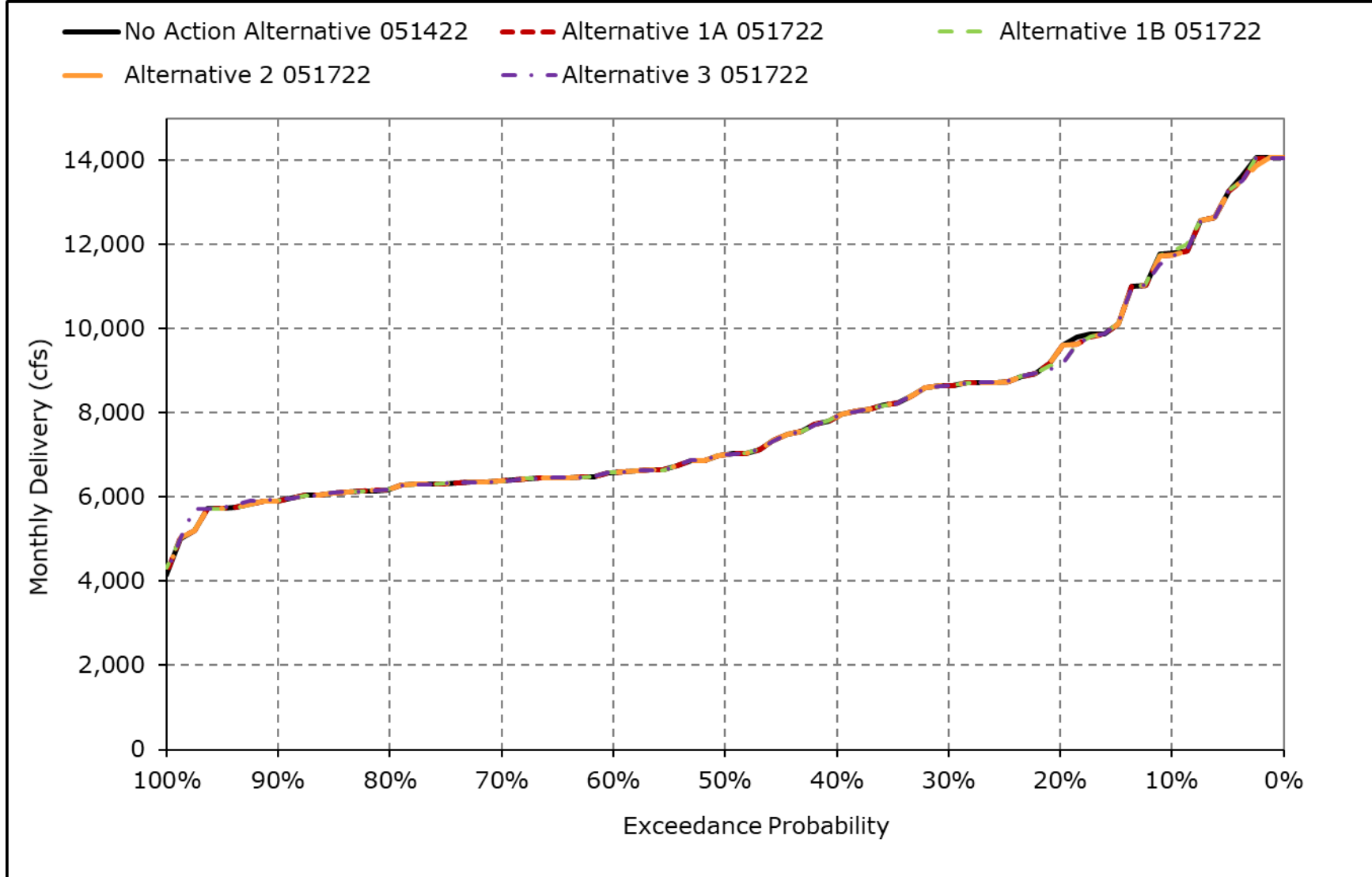
**Figure 5B4-1-10. Total Delta Exports, January**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

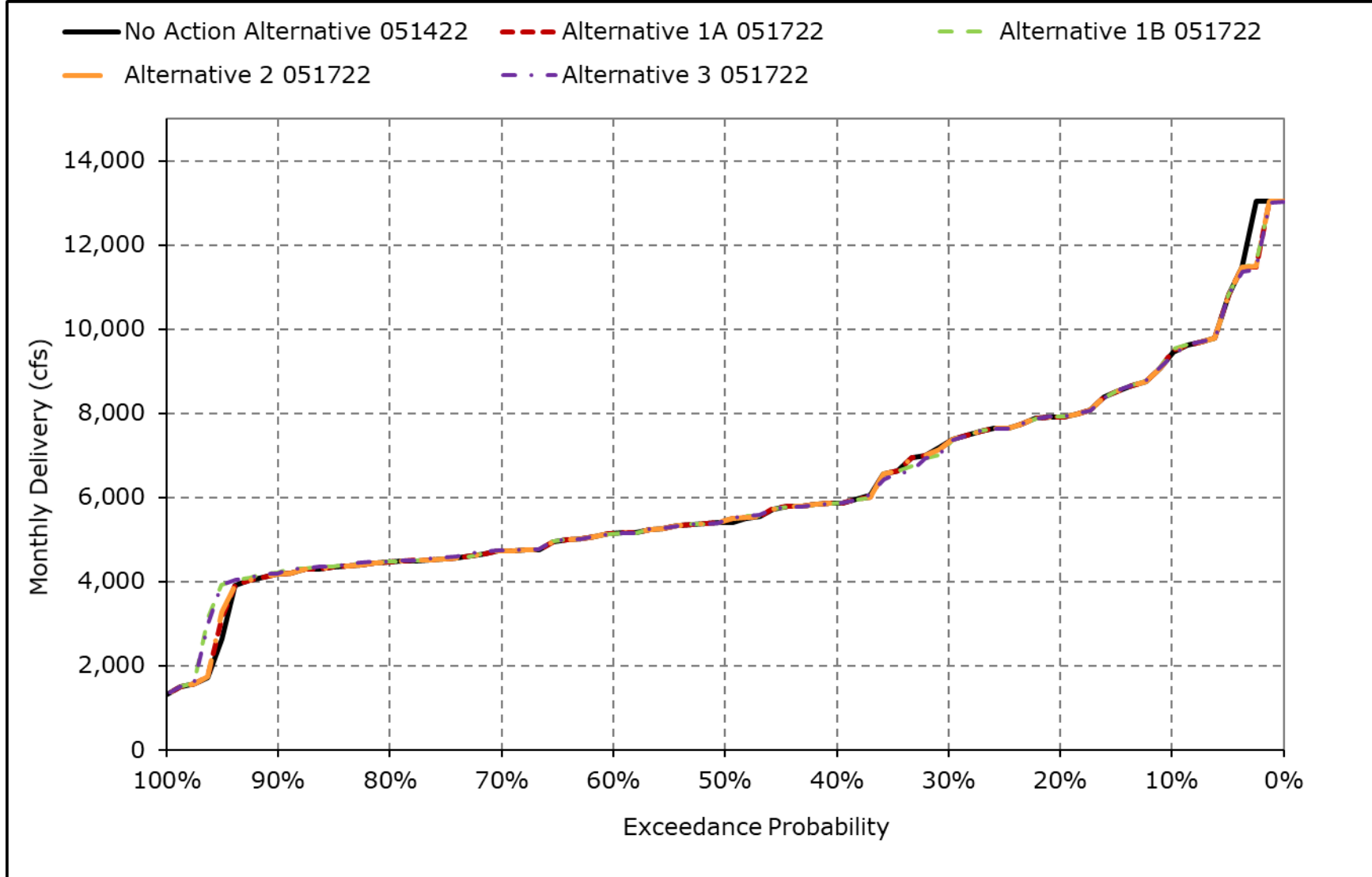


**Figure 5B4-1-11. Total Delta Exports, February**



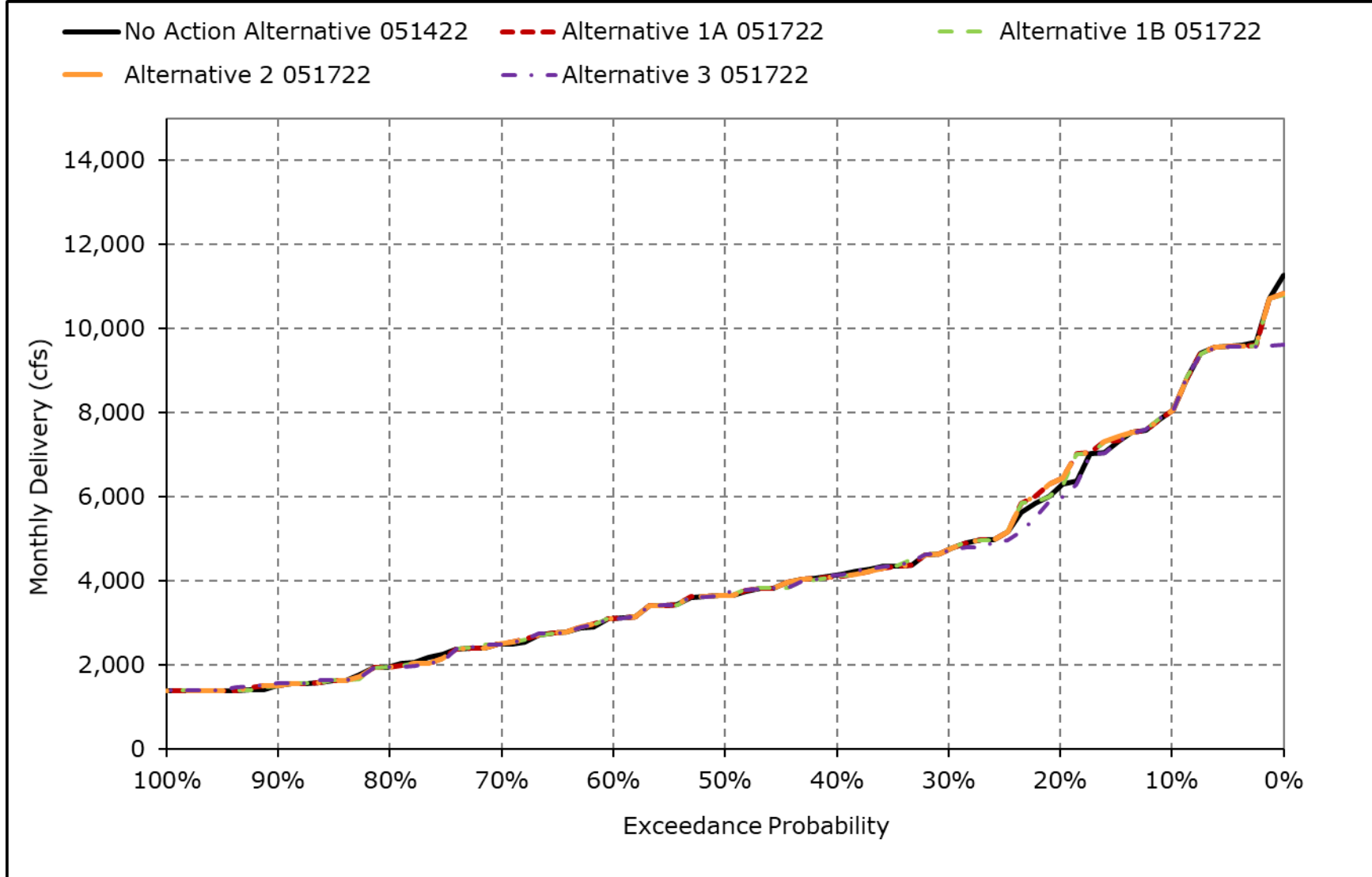
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



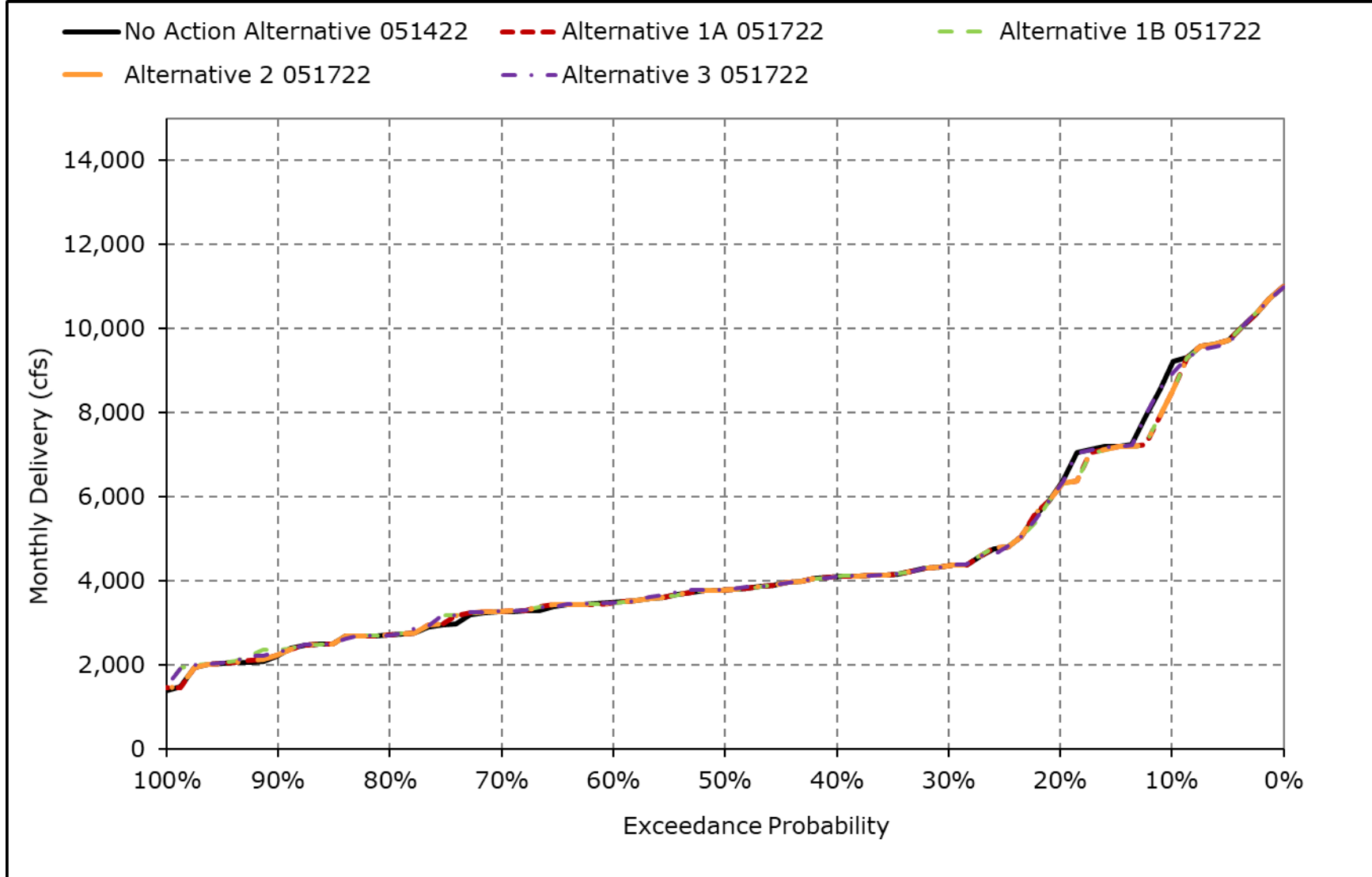
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



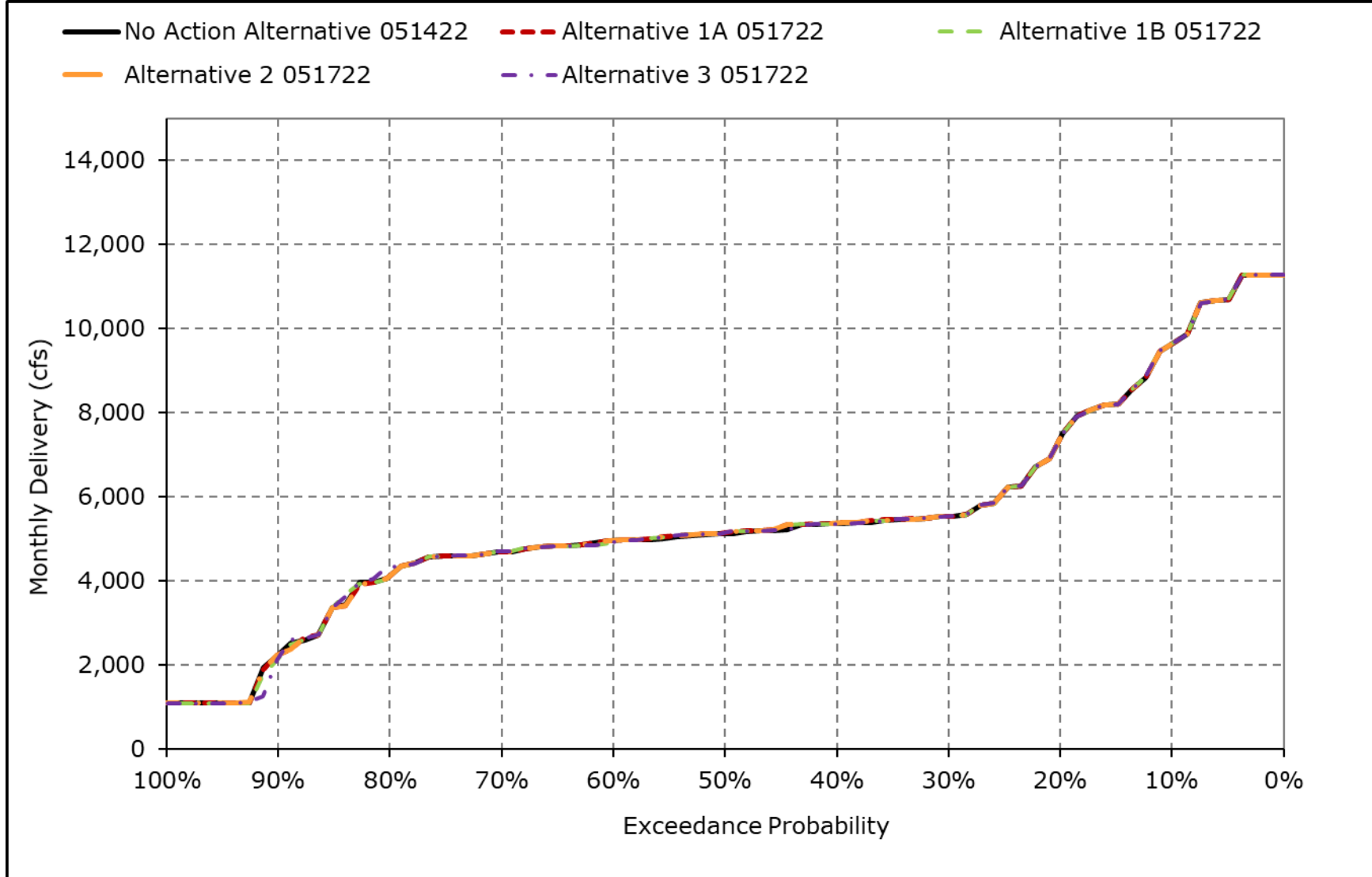
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



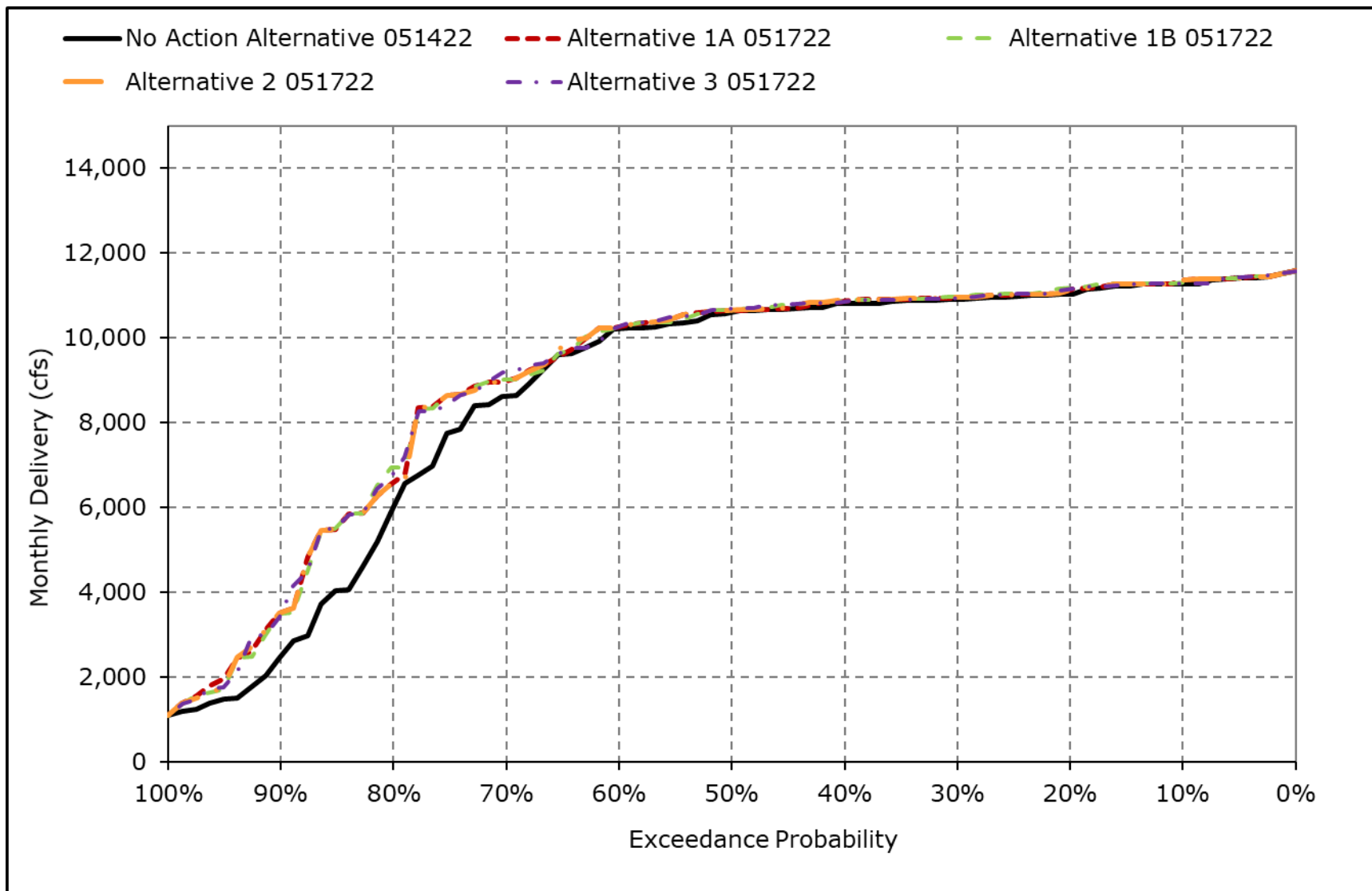
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



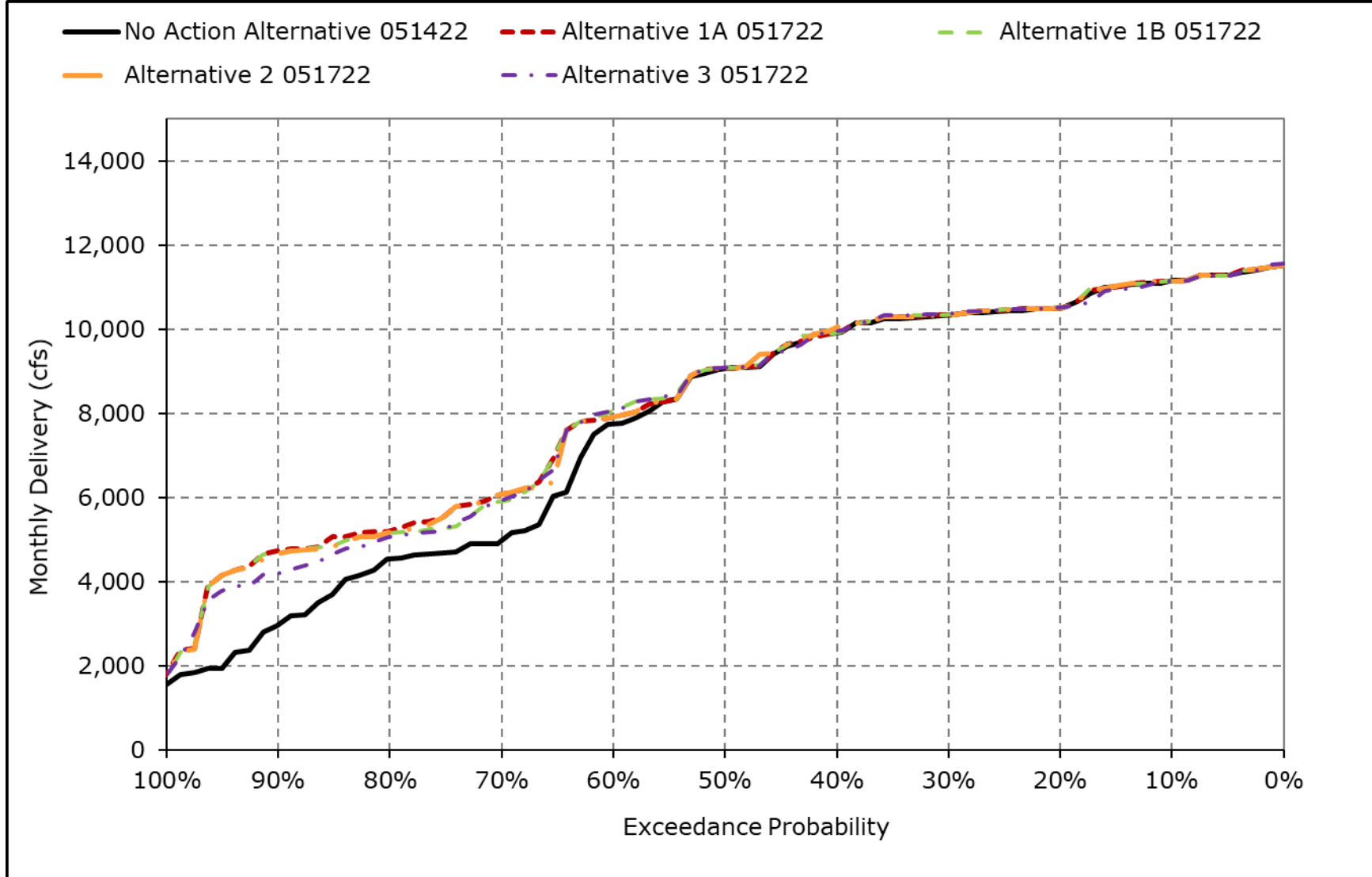
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



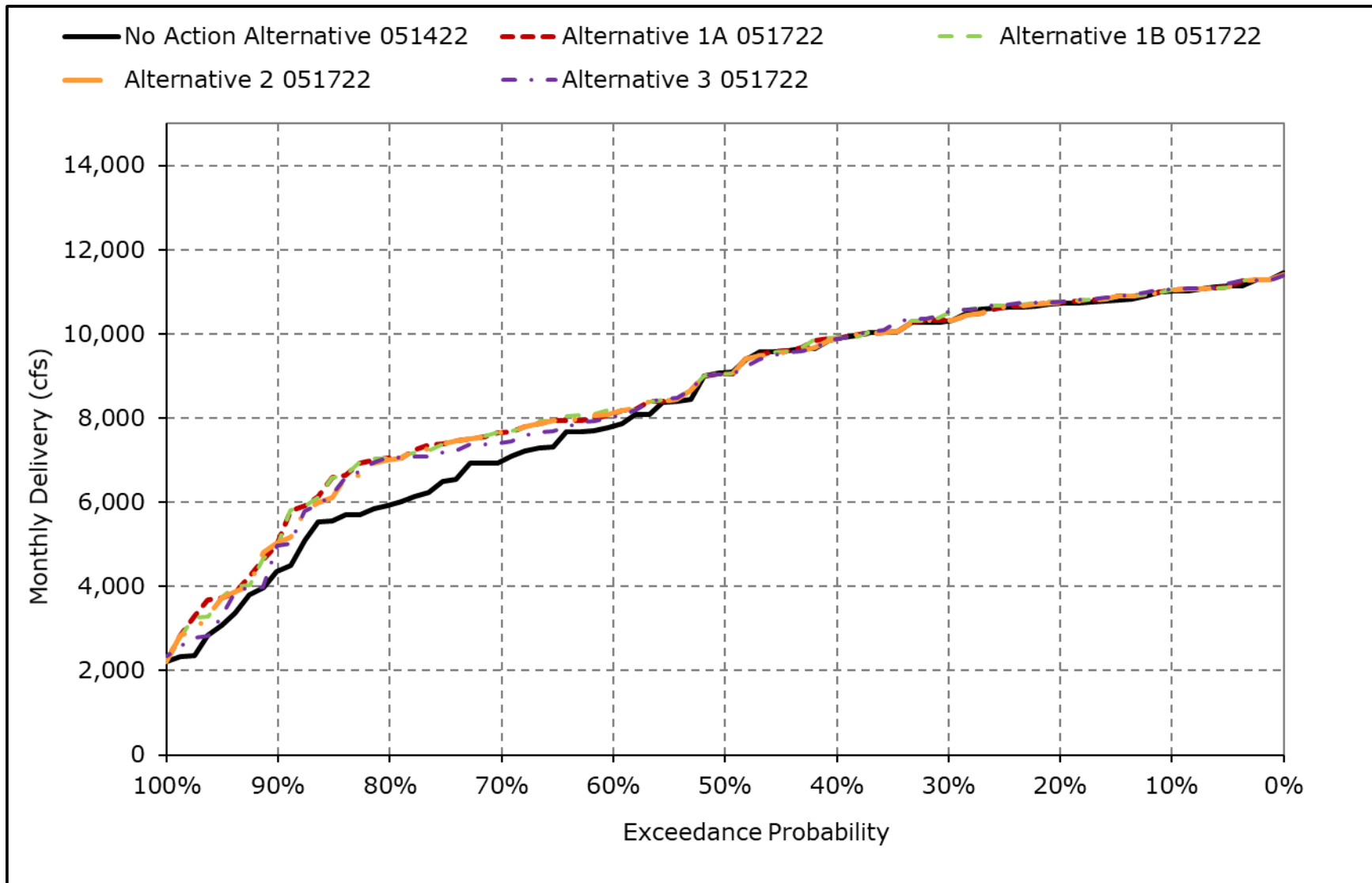
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.



**Table 5B4-2-1a. Jones PP Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	3,833	4,600	4,600	4,600	4,600	4,600	4,040	4,317	4,600	4,600	4,600	4,600
<b>20% Exceedance</b>	3,400	4,600	4,600	4,600	4,600	4,250	3,658	4,147	4,518	4,600	4,600	4,598
<b>30% Exceedance</b>	2,922	4,600	4,600	4,328	4,600	3,324	3,349	3,612	3,763	4,580	4,596	4,135
<b>40% Exceedance</b>	2,855	4,600	4,600	4,203	4,358	3,093	2,919	3,346	3,519	4,500	4,336	3,944
<b>50% Exceedance</b>	2,752	4,417	4,429	4,097	4,086	2,972	2,771	3,185	3,361	4,332	3,933	3,787
<b>60% Exceedance</b>	2,688	3,482	4,152	3,977	3,905	2,686	2,328	2,901	3,165	3,839	3,523	3,468
<b>70% Exceedance</b>	2,565	3,139	3,810	3,812	3,789	2,471	1,814	2,696	3,009	3,364	3,318	3,275
<b>80% Exceedance</b>	2,357	2,475	3,157	3,382	3,554	2,004	1,348	2,374	2,287	2,732	2,734	2,796
<b>90% Exceedance</b>	1,843	1,803	1,944	2,927	2,984	1,426	846	1,777	1,338	1,538	2,094	2,222
<b>Full Simulation Period Average<sup>a</sup></b>	2,833	3,641	3,857	3,842	3,944	2,958	2,594	3,118	3,213	3,666	3,649	3,541
<b>Wet Water Years (32%)</b>	2,915	4,558	4,389	4,070	4,200	3,510	3,478	3,847	4,100	4,481	4,179	3,527
<b>Above Normal Water Years (15%)</b>	2,704	4,411	4,505	3,984	3,972	3,098	3,094	3,491	3,792	3,882	4,193	3,413
<b>Below Normal Water Years (17%)</b>	3,617	3,433	3,980	3,948	4,112	2,845	2,587	3,293	3,254	4,199	3,704	4,357
<b>Dry Water Years (22%)</b>	2,456	2,648	3,399	3,912	3,767	2,755	1,919	2,539	2,855	3,452	3,117	3,805
<b>Critical Water Years (15%)</b>	2,438	2,616	2,602	2,980	3,432	2,059	1,200	1,828	1,198	1,380	2,688	2,354

**Table 5B4-2-1b. Jones PP Exports, Alternative 1A 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	3,888	4,600	4,600	4,600	4,600	4,600	4,039	4,315	4,600	4,600	4,600	4,600
<b>20% Exceedance</b>	3,666	4,600	4,600	4,600	4,600	3,785	3,635	4,154	4,509	4,600	4,600	4,578
<b>30% Exceedance</b>	3,249	4,600	4,600	4,328	4,600	3,233	3,337	3,612	3,763	4,581	4,595	4,138
<b>40% Exceedance</b>	2,901	4,600	4,600	4,203	4,261	3,093	2,907	3,351	3,519	4,500	4,336	4,003
<b>50% Exceedance</b>	2,794	4,600	4,387	4,097	4,026	2,974	2,771	3,184	3,361	4,332	3,974	3,857
<b>60% Exceedance</b>	2,705	3,571	4,091	3,977	3,892	2,686	2,368	2,900	3,165	3,846	3,545	3,570
<b>70% Exceedance</b>	2,625	3,355	3,806	3,815	3,789	2,512	1,819	2,730	3,009	3,432	3,381	3,404
<b>80% Exceedance</b>	2,414	2,614	2,992	3,382	3,554	2,091	1,345	2,390	2,277	2,694	2,783	2,834
<b>90% Exceedance</b>	2,018	1,871	2,090	2,995	2,930	1,381	931	1,777	1,516	1,697	2,084	2,224
<b>Full Simulation Period Average<sup>a</sup></b>	2,952	3,718	3,866	3,845	3,931	2,924	2,586	3,122	3,216	3,680	3,662	3,576
<b>Wet Water Years (32%)</b>	3,005	4,558	4,390	4,070	4,199	3,435	3,458	3,855	4,099	4,483	4,171	3,529
<b>Above Normal Water Years (15%)</b>	2,708	4,442	4,511	3,984	3,921	3,022	3,077	3,490	3,786	3,898	4,197	3,422
<b>Below Normal Water Years (17%)</b>	3,778	3,739	3,951	3,946	4,101	2,849	2,592	3,293	3,272	4,186	3,727	4,372
<b>Dry Water Years (22%)</b>	2,538	2,712	3,436	3,900	3,748	2,757	1,921	2,547	2,862	3,501	3,157	3,911
<b>Critical Water Years (15%)</b>	2,737	2,655	2,629	3,021	3,436	2,060	1,195	1,829	1,196	1,399	2,704	2,405

**Table 5B4-2-1c. Jones PP Exports, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	55	0	0	0	0	0	-1	-2	0	0	0	0
<b>20% Exceedance</b>	266	0	0	0	0	-465	-22	7	-10	0	0	-20
<b>30% Exceedance</b>	327	0	0	0	0	-92	-12	0	0	1	-1	3
<b>40% Exceedance</b>	47	0	0	0	-97	0	-12	4	0	-1	0	59
<b>50% Exceedance</b>	41	183	-43	0	-60	2	0	-1	0	0	41	70
<b>60% Exceedance</b>	17	89	-62	0	-13	0	40	-1	0	6	22	102
<b>70% Exceedance</b>	60	216	-3	2	0	41	4	34	0	68	63	129
<b>80% Exceedance</b>	57	139	-164	0	0	87	-3	16	-10	-37	49	38
<b>90% Exceedance</b>	174	68	146	68	-54	-44	86	-1	179	159	-10	2
<b>Full Simulation Period Average<sup>a</sup></b>	118	77	8	3	-13	-33	-8	4	3	14	13	35
<b>Wet Water Years (32%)</b>	90	0	0	0	-1	-74	-20	8	-1	2	-8	1
<b>Above Normal Water Years (15%)</b>	4	30	6	0	-51	-76	-17	0	-6	16	3	9
<b>Below Normal Water Years (17%)</b>	161	306	-28	-1	-11	4	4	0	18	-13	23	14
<b>Dry Water Years (22%)</b>	81	65	36	-12	-20	2	2	7	7	49	41	106
<b>Critical Water Years (15%)</b>	299	40	28	41	4	1	-5	1	-2	19	17	51

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-2-2a. Jones PP Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	3,833	4,600	4,600	4,600	4,600	4,600	4,040	4,317	4,600	4,600	4,600	4,600
<b>20% Exceedance</b>	3,400	4,600	4,600	4,600	4,600	4,250	3,658	4,147	4,518	4,600	4,600	4,598
<b>30% Exceedance</b>	2,922	4,600	4,600	4,328	4,600	3,324	3,349	3,612	3,763	4,580	4,596	4,135
<b>40% Exceedance</b>	2,855	4,600	4,600	4,203	4,358	3,093	2,919	3,346	3,519	4,500	4,336	3,944
<b>50% Exceedance</b>	2,752	4,417	4,429	4,097	4,086	2,972	2,771	3,185	3,361	4,332	3,933	3,787
<b>60% Exceedance</b>	2,688	3,482	4,152	3,977	3,905	2,686	2,328	2,901	3,165	3,839	3,523	3,468
<b>70% Exceedance</b>	2,565	3,139	3,810	3,812	3,789	2,471	1,814	2,696	3,009	3,364	3,318	3,275
<b>80% Exceedance</b>	2,357	2,475	3,157	3,382	3,554	2,004	1,348	2,374	2,287	2,732	2,734	2,796
<b>90% Exceedance</b>	1,843	1,803	1,944	2,927	2,984	1,426	846	1,777	1,338	1,538	2,094	2,222
<b>Full Simulation Period Average<sup>a</sup></b>	2,833	3,641	3,857	3,842	3,944	2,958	2,594	3,118	3,213	3,666	3,649	3,541
<b>Wet Water Years (32%)</b>	2,915	4,558	4,389	4,070	4,200	3,510	3,478	3,847	4,100	4,481	4,179	3,527
<b>Above Normal Water Years (15%)</b>	2,704	4,411	4,505	3,984	3,972	3,098	3,094	3,491	3,792	3,882	4,193	3,413
<b>Below Normal Water Years (17%)</b>	3,617	3,433	3,980	3,948	4,112	2,845	2,587	3,293	3,254	4,199	3,704	4,357
<b>Dry Water Years (22%)</b>	2,456	2,648	3,399	3,912	3,767	2,755	1,919	2,539	2,855	3,452	3,117	3,805
<b>Critical Water Years (15%)</b>	2,438	2,616	2,602	2,980	3,432	2,059	1,200	1,828	1,198	1,380	2,688	2,354

**Table 5B4-2-2b. Jones PP Exports, Alternative 1B 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	3,903	4,600	4,600	4,600	4,600	4,600	4,042	4,315	4,600	4,600	4,600	4,600
<b>20% Exceedance</b>	3,750	4,600	4,600	4,600	4,600	4,075	3,609	4,172	4,521	4,600	4,600	4,579
<b>30% Exceedance</b>	3,256	4,600	4,600	4,328	4,600	3,325	3,224	3,612	3,764	4,581	4,595	4,190
<b>40% Exceedance</b>	2,901	4,600	4,600	4,203	4,261	3,094	2,907	3,375	3,513	4,491	4,331	4,008
<b>50% Exceedance</b>	2,785	4,600	4,370	4,097	4,041	3,001	2,771	3,184	3,363	4,314	3,923	3,875
<b>60% Exceedance</b>	2,697	3,769	4,027	3,977	3,879	2,714	2,387	2,900	3,203	3,811	3,521	3,605
<b>70% Exceedance</b>	2,624	3,379	3,495	3,820	3,789	2,528	1,835	2,730	3,009	3,363	3,346	3,363
<b>80% Exceedance</b>	2,407	2,854	3,076	3,382	3,554	2,142	1,345	2,392	2,375	2,727	2,783	2,834
<b>90% Exceedance</b>	2,012	2,176	1,951	2,991	2,931	1,396	892	1,812	1,485	1,582	2,085	2,224
<b>Full Simulation Period Average<sup>a</sup></b>	2,958	3,773	3,822	3,849	3,931	2,960	2,579	3,141	3,223	3,674	3,646	3,585
<b>Wet Water Years (32%)</b>	3,003	4,559	4,390	4,070	4,200	3,459	3,443	3,855	4,105	4,480	4,171	3,527
<b>Above Normal Water Years (15%)</b>	2,707	4,442	4,518	3,984	3,906	3,016	3,077	3,490	3,794	3,905	4,208	3,427
<b>Below Normal Water Years (17%)</b>	3,820	3,906	3,989	3,952	4,105	2,828	2,582	3,298	3,284	4,207	3,731	4,406
<b>Dry Water Years (22%)</b>	2,550	2,844	3,199	3,907	3,744	2,757	1,923	2,621	2,891	3,483	3,080	3,918
<b>Critical Water Years (15%)</b>	2,714	2,640	2,634	3,027	3,448	2,282	1,191	1,843	1,169	1,364	2,693	2,410

**Table 5B4-2-2c. Jones PP Exports, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	71	0	0	0	0	0	2	-2	0	0	0	0
<b>20% Exceedance</b>	350	0	0	0	0	-175	-49	25	3	0	0	-19
<b>30% Exceedance</b>	334	0	0	0	0	1	-125	0	1	1	-1	55
<b>40% Exceedance</b>	47	0	0	0	-97	1	-12	29	-6	-9	-5	64
<b>50% Exceedance</b>	33	183	-59	0	-45	29	0	-1	2	-18	-9	87
<b>60% Exceedance</b>	9	288	-125	0	-26	28	58	-1	38	-29	-2	137
<b>70% Exceedance</b>	59	240	-315	8	0	57	20	34	0	-2	28	88
<b>80% Exceedance</b>	50	379	-80	0	0	139	-3	18	89	-5	49	38
<b>90% Exceedance</b>	169	373	7	64	-53	-30	47	34	147	44	-9	2
<b>Full Simulation Period Average<sup>a</sup></b>	124	132	-35	7	-14	2	-15	24	11	9	-3	43
<b>Wet Water Years (32%)</b>	88	0	1	0	0	-50	-35	9	5	-1	-8	0
<b>Above Normal Water Years (15%)</b>	3	31	14	0	-66	-82	-16	0	3	23	15	14
<b>Below Normal Water Years (17%)</b>	203	473	10	4	-7	-17	-6	6	30	8	26	48
<b>Dry Water Years (22%)</b>	94	197	-200	-4	-23	2	3	81	36	30	-36	113
<b>Critical Water Years (15%)</b>	276	25	32	47	16	223	-10	15	-28	-16	6	57

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-2-3a. Jones PP Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	3,833	4,600	4,600	4,600	4,600	4,600	4,040	4,317	4,600	4,600	4,600	4,600
<b>20% Exceedance</b>	3,400	4,600	4,600	4,600	4,600	4,250	3,658	4,147	4,518	4,600	4,600	4,598
<b>30% Exceedance</b>	2,922	4,600	4,600	4,328	4,600	3,324	3,349	3,612	3,763	4,580	4,596	4,135
<b>40% Exceedance</b>	2,855	4,600	4,600	4,203	4,358	3,093	2,919	3,346	3,519	4,500	4,336	3,944
<b>50% Exceedance</b>	2,752	4,417	4,429	4,097	4,086	2,972	2,771	3,185	3,361	4,332	3,933	3,787
<b>60% Exceedance</b>	2,688	3,482	4,152	3,977	3,905	2,686	2,328	2,901	3,165	3,839	3,523	3,468
<b>70% Exceedance</b>	2,565	3,139	3,810	3,812	3,789	2,471	1,814	2,696	3,009	3,364	3,318	3,275
<b>80% Exceedance</b>	2,357	2,475	3,157	3,382	3,554	2,004	1,348	2,374	2,287	2,732	2,734	2,796
<b>90% Exceedance</b>	1,843	1,803	1,944	2,927	2,984	1,426	846	1,777	1,338	1,538	2,094	2,222
<b>Full Simulation Period Average<sup>a</sup></b>	2,833	3,641	3,857	3,842	3,944	2,958	2,594	3,118	3,213	3,666	3,649	3,541
<b>Wet Water Years (32%)</b>	2,915	4,558	4,389	4,070	4,200	3,510	3,478	3,847	4,100	4,481	4,179	3,527
<b>Above Normal Water Years (15%)</b>	2,704	4,411	4,505	3,984	3,972	3,098	3,094	3,491	3,792	3,882	4,193	3,413
<b>Below Normal Water Years (17%)</b>	3,617	3,433	3,980	3,948	4,112	2,845	2,587	3,293	3,254	4,199	3,704	4,357
<b>Dry Water Years (22%)</b>	2,456	2,648	3,399	3,912	3,767	2,755	1,919	2,539	2,855	3,452	3,117	3,805
<b>Critical Water Years (15%)</b>	2,438	2,616	2,602	2,980	3,432	2,059	1,200	1,828	1,198	1,380	2,688	2,354

**Table 5B4-2-3b. Jones PP Exports, Alternative 2 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	3,900	4,600	4,600	4,600	4,600	4,600	4,039	4,315	4,600	4,600	4,600	4,600
<b>20% Exceedance</b>	3,666	4,600	4,600	4,600	4,600	3,785	3,636	4,153	4,509	4,600	4,600	4,578
<b>30% Exceedance</b>	3,241	4,600	4,600	4,328	4,600	3,233	3,337	3,612	3,763	4,581	4,595	4,135
<b>40% Exceedance</b>	2,901	4,600	4,600	4,203	4,261	3,093	2,907	3,346	3,519	4,500	4,336	3,981
<b>50% Exceedance</b>	2,787	4,600	4,388	4,097	4,026	2,974	2,771	3,184	3,361	4,332	3,974	3,855
<b>60% Exceedance</b>	2,700	3,571	4,091	3,977	3,907	2,686	2,368	2,900	3,165	3,945	3,545	3,570
<b>70% Exceedance</b>	2,624	3,355	3,808	3,831	3,789	2,512	1,813	2,730	3,009	3,411	3,381	3,424
<b>80% Exceedance</b>	2,416	2,608	3,009	3,382	3,554	2,091	1,345	2,387	2,277	2,846	2,783	2,835
<b>90% Exceedance</b>	2,007	2,095	2,092	2,999	2,928	1,381	932	1,777	1,516	1,696	2,120	2,224
<b>Full Simulation Period Average<sup>a</sup></b>	2,948	3,722	3,858	3,846	3,940	2,925	2,586	3,122	3,216	3,688	3,669	3,575
<b>Wet Water Years (32%)</b>	3,005	4,558	4,390	4,070	4,193	3,437	3,458	3,855	4,099	4,483	4,171	3,529
<b>Above Normal Water Years (15%)</b>	2,708	4,443	4,511	3,984	3,932	3,022	3,077	3,490	3,786	3,898	4,197	3,421
<b>Below Normal Water Years (17%)</b>	3,752	3,741	3,952	3,946	4,119	2,848	2,590	3,290	3,272	4,229	3,768	4,352
<b>Dry Water Years (22%)</b>	2,555	2,726	3,418	3,921	3,779	2,757	1,921	2,547	2,863	3,502	3,157	3,914
<b>Critical Water Years (15%)</b>	2,714	2,660	2,606	2,992	3,435	2,060	1,195	1,831	1,198	1,403	2,705	2,414

**Table 5B4-2-3c. Jones PP Exports, Alternative 2 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	68	0	0	0	0	0	-1	-2	0	0	0	0
<b>20% Exceedance</b>	266	0	0	0	0	-465	-22	6	-10	0	0	-20
<b>30% Exceedance</b>	319	0	0	0	0	-92	-12	0	0	1	-1	0
<b>40% Exceedance</b>	47	0	0	0	-97	0	-12	0	0	0	0	37
<b>50% Exceedance</b>	35	183	-42	0	-60	2	0	-1	0	0	41	68
<b>60% Exceedance</b>	12	89	-62	0	2	0	40	-1	0	106	23	102
<b>70% Exceedance</b>	59	216	-1	19	0	41	-1	34	0	47	63	149
<b>80% Exceedance</b>	58	133	-148	0	0	87	-3	13	-10	115	49	39
<b>90% Exceedance</b>	164	292	148	72	-56	-44	86	-1	178	158	26	2
<b>Full Simulation Period Average<sup>a</sup></b>	114	81	1	4	-4	-33	-9	4	4	22	20	34
<b>Wet Water Years (32%)</b>	90	0	0	0	-7	-73	-20	8	-1	2	-8	2
<b>Above Normal Water Years (15%)</b>	4	31	6	0	-40	-76	-17	0	-6	16	3	9
<b>Below Normal Water Years (17%)</b>	135	308	-28	-1	7	4	2	-3	18	30	64	-6
<b>Dry Water Years (22%)</b>	99	79	19	9	12	2	2	7	7	49	40	109
<b>Critical Water Years (15%)</b>	276	44	4	12	3	0	-5	3	0	23	17	60

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-2-4a. Jones PP Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	3,833	4,600	4,600	4,600	4,600	4,600	4,040	4,317	4,600	4,600	4,600	4,600
<b>20% Exceedance</b>	3,400	4,600	4,600	4,600	4,600	4,250	3,658	4,147	4,518	4,600	4,600	4,598
<b>30% Exceedance</b>	2,922	4,600	4,600	4,328	4,600	3,324	3,349	3,612	3,763	4,580	4,596	4,135
<b>40% Exceedance</b>	2,855	4,600	4,600	4,203	4,358	3,093	2,919	3,346	3,519	4,500	4,336	3,944
<b>50% Exceedance</b>	2,752	4,417	4,429	4,097	4,086	2,972	2,771	3,185	3,361	4,332	3,933	3,787
<b>60% Exceedance</b>	2,688	3,482	4,152	3,977	3,905	2,686	2,328	2,901	3,165	3,839	3,523	3,468
<b>70% Exceedance</b>	2,565	3,139	3,810	3,812	3,789	2,471	1,814	2,696	3,009	3,364	3,318	3,275
<b>80% Exceedance</b>	2,357	2,475	3,157	3,382	3,554	2,004	1,348	2,374	2,287	2,732	2,734	2,796
<b>90% Exceedance</b>	1,843	1,803	1,944	2,927	2,984	1,426	846	1,777	1,338	1,538	2,094	2,222
<b>Full Simulation Period Average<sup>a</sup></b>	2,833	3,641	3,857	3,842	3,944	2,958	2,594	3,118	3,213	3,666	3,649	3,541
<b>Wet Water Years (32%)</b>	2,915	4,558	4,389	4,070	4,200	3,510	3,478	3,847	4,100	4,481	4,179	3,527
<b>Above Normal Water Years (15%)</b>	2,704	4,411	4,505	3,984	3,972	3,098	3,094	3,491	3,792	3,882	4,193	3,413
<b>Below Normal Water Years (17%)</b>	3,617	3,433	3,980	3,948	4,112	2,845	2,587	3,293	3,254	4,199	3,704	4,357
<b>Dry Water Years (22%)</b>	2,456	2,648	3,399	3,912	3,767	2,755	1,919	2,539	2,855	3,452	3,117	3,805
<b>Critical Water Years (15%)</b>	2,438	2,616	2,602	2,980	3,432	2,059	1,200	1,828	1,198	1,380	2,688	2,354

**Table 5B4-2-4b. Jones PP Exports, Alternative 3 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	4,589	4,600	4,600	4,600	4,600	4,600	3,959	4,315	4,600	4,600	4,600	4,600
<b>20% Exceedance</b>	3,714	4,600	4,600	4,600	4,600	3,785	3,589	4,032	4,554	4,600	4,600	4,587
<b>30% Exceedance</b>	3,326	4,600	4,600	4,328	4,600	3,436	3,118	3,612	3,735	4,582	4,595	4,197
<b>40% Exceedance</b>	2,882	4,600	4,600	4,203	4,358	3,125	2,896	3,390	3,514	4,496	4,327	4,055
<b>50% Exceedance</b>	2,802	4,600	4,373	4,097	4,086	2,990	2,771	3,191	3,338	4,386	3,781	3,863
<b>60% Exceedance</b>	2,707	3,888	4,152	3,977	3,879	2,746	2,350	2,902	3,203	4,084	3,517	3,626
<b>70% Exceedance</b>	2,631	3,462	3,806	3,846	3,789	2,577	1,835	2,728	3,010	3,516	3,382	3,339
<b>80% Exceedance</b>	2,404	2,708	3,222	3,382	3,625	2,226	1,345	2,354	2,347	2,796	2,852	2,802
<b>90% Exceedance</b>	2,059	2,169	2,249	3,030	3,052	1,396	1,049	1,778	1,111	1,509	2,082	2,225
<b>Full Simulation Period Average<sup>a</sup></b>	3,010	3,809	3,877	3,848	3,963	2,953	2,547	3,142	3,224	3,722	3,650	3,584
<b>Wet Water Years (32%)</b>	3,008	4,559	4,391	4,070	4,197	3,361	3,326	3,846	4,105	4,494	4,171	3,532
<b>Above Normal Water Years (15%)</b>	2,885	4,453	4,530	3,984	3,928	3,084	3,090	3,490	3,836	4,181	4,183	3,433
<b>Below Normal Water Years (17%)</b>	3,680	3,719	4,192	3,961	4,153	2,875	2,578	3,299	3,182	4,167	3,698	4,403
<b>Dry Water Years (22%)</b>	2,788	3,146	3,204	3,924	3,857	2,766	1,938	2,633	2,970	3,577	3,145	3,894
<b>Critical Water Years (15%)</b>	2,691	2,639	2,753	2,981	3,433	2,312	1,197	1,850	1,132	1,291	2,690	2,430

**Table 5B4-2-4c. Jones PP Exports, Alternative 3 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	756	0	0	0	0	0	-81	-2	0	0	0	0
<b>20% Exceedance</b>	314	0	0	0	0	-465	-69	-115	36	0	0	-12
<b>30% Exceedance</b>	404	0	0	0	0	111	-232	0	-28	2	-1	62
<b>40% Exceedance</b>	28	0	0	0	0	32	-23	44	-5	-4	-9	111
<b>50% Exceedance</b>	49	183	-56	0	0	19	0	5	-22	54	-152	75
<b>60% Exceedance</b>	19	406	0	0	-26	60	21	1	38	245	-6	158
<b>70% Exceedance</b>	66	323	-4	33	0	106	21	33	1	151	64	65
<b>80% Exceedance</b>	47	233	65	0	71	222	-3	-20	60	64	118	6
<b>90% Exceedance</b>	216	366	305	103	68	-30	204	0	-226	-29	-12	4
<b>Full Simulation Period Average<sup>a</sup></b>	177	168	20	5	19	-4	-47	24	11	57	2	43
<b>Wet Water Years (32%)</b>	93	1	2	0	-3	-148	-152	-1	5	14	-8	5
<b>Above Normal Water Years (15%)</b>	182	41	25	0	-44	-14	-3	0	44	299	-10	20
<b>Below Normal Water Years (17%)</b>	63	286	213	13	41	30	-10	6	-71	-32	-6	46
<b>Dry Water Years (22%)</b>	332	499	-195	13	89	11	19	93	114	124	29	89
<b>Critical Water Years (15%)</b>	253	24	152	2	0	253	-3	22	-65	-90	3	77

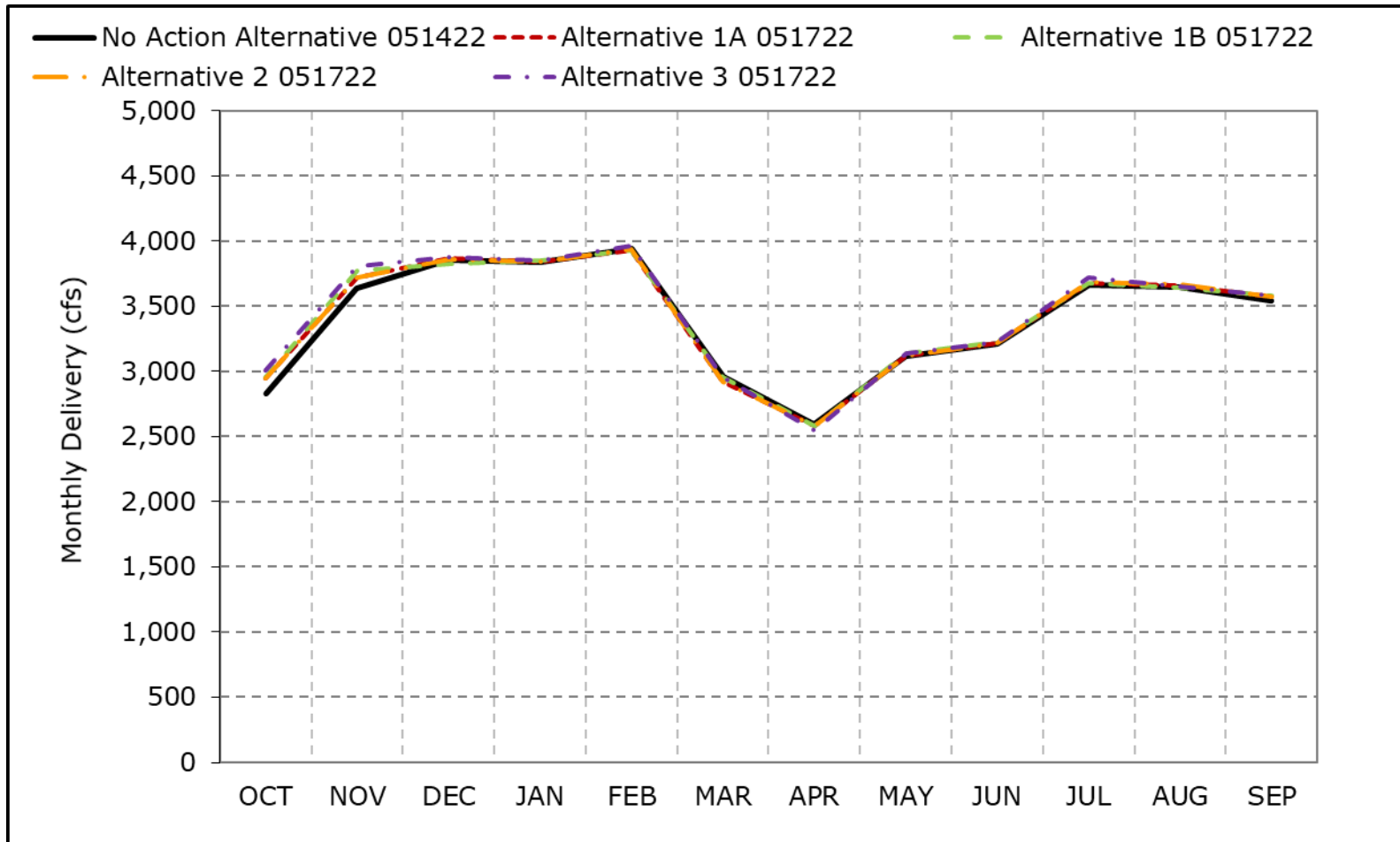
<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

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

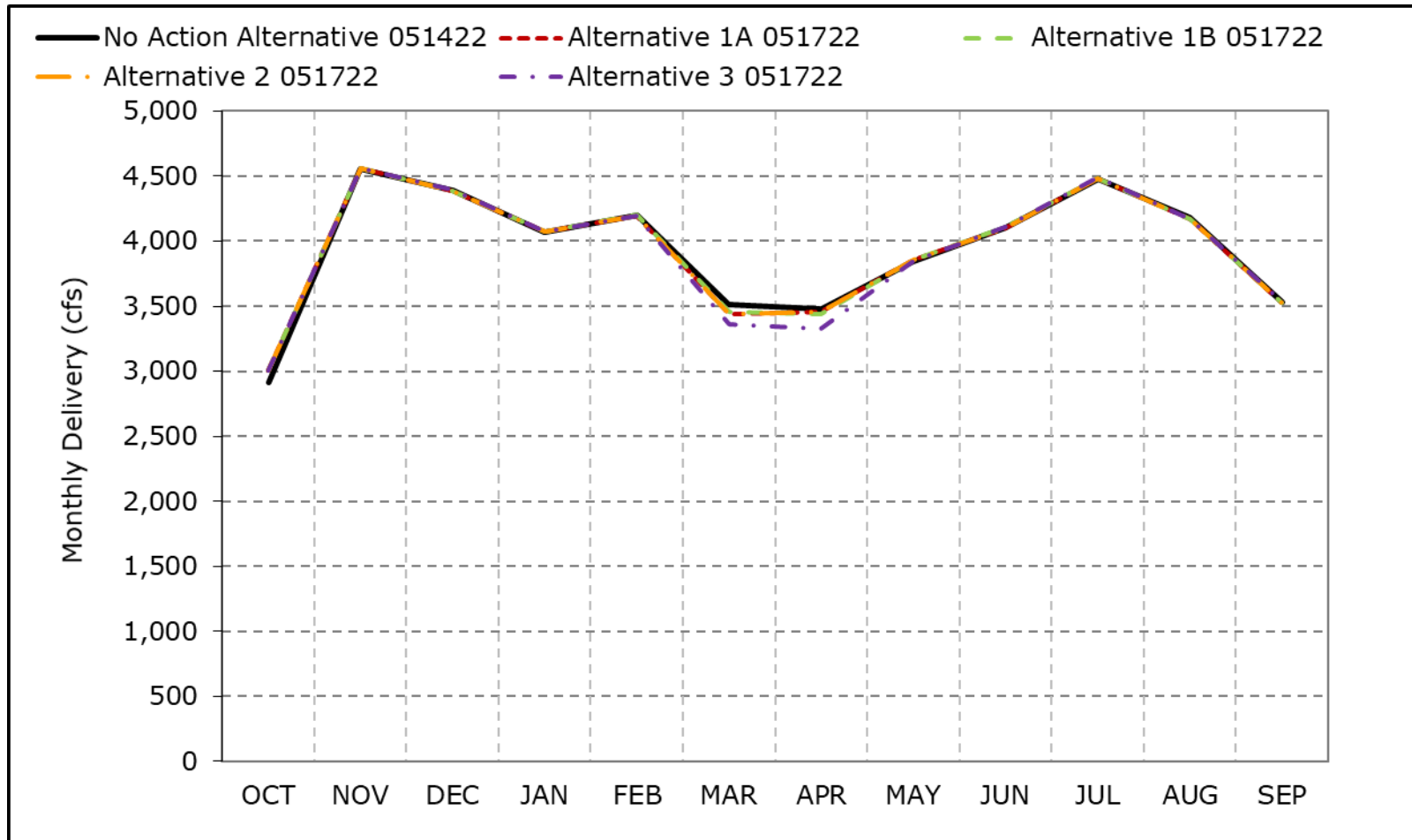


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

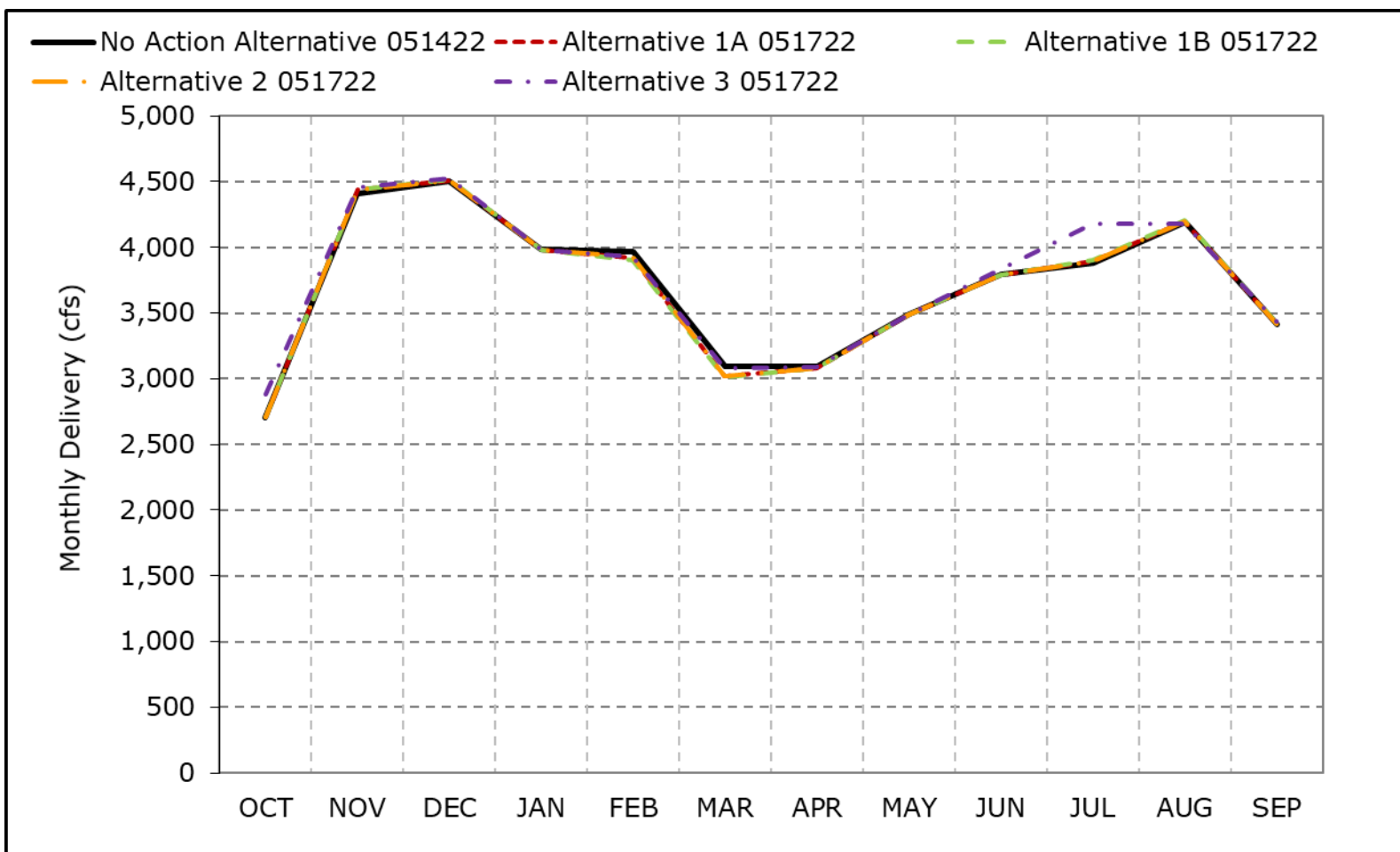


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

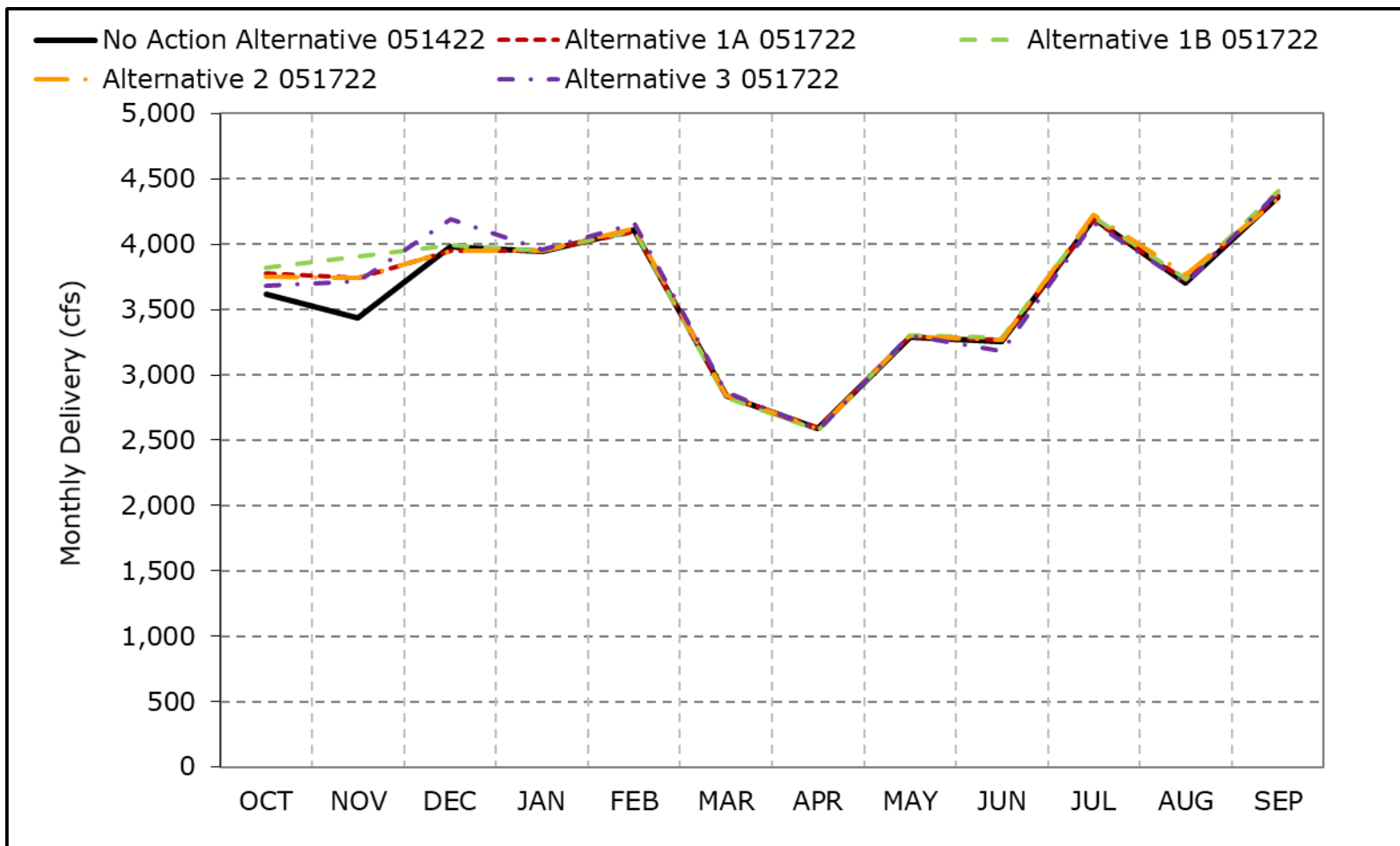


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



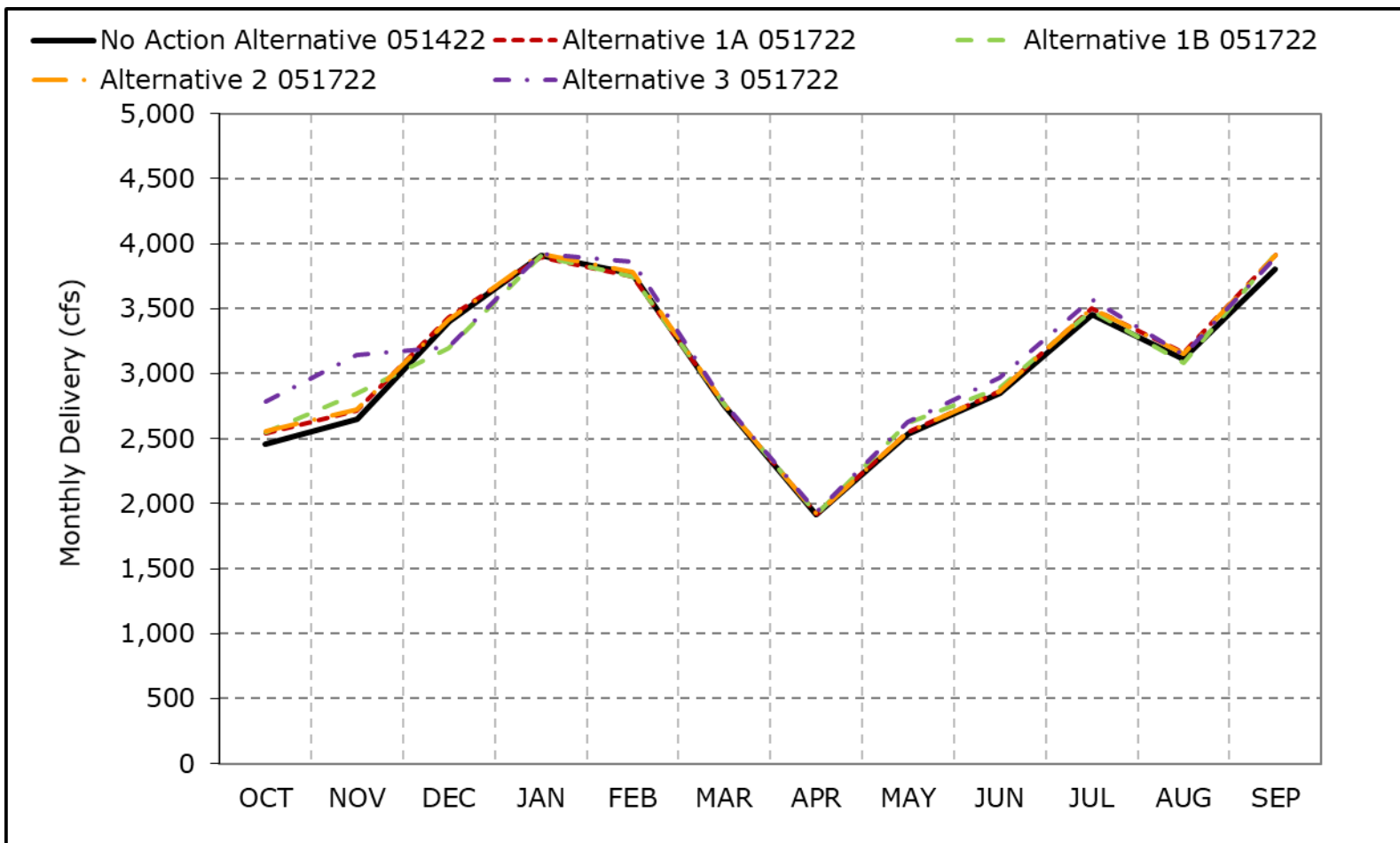
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.



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

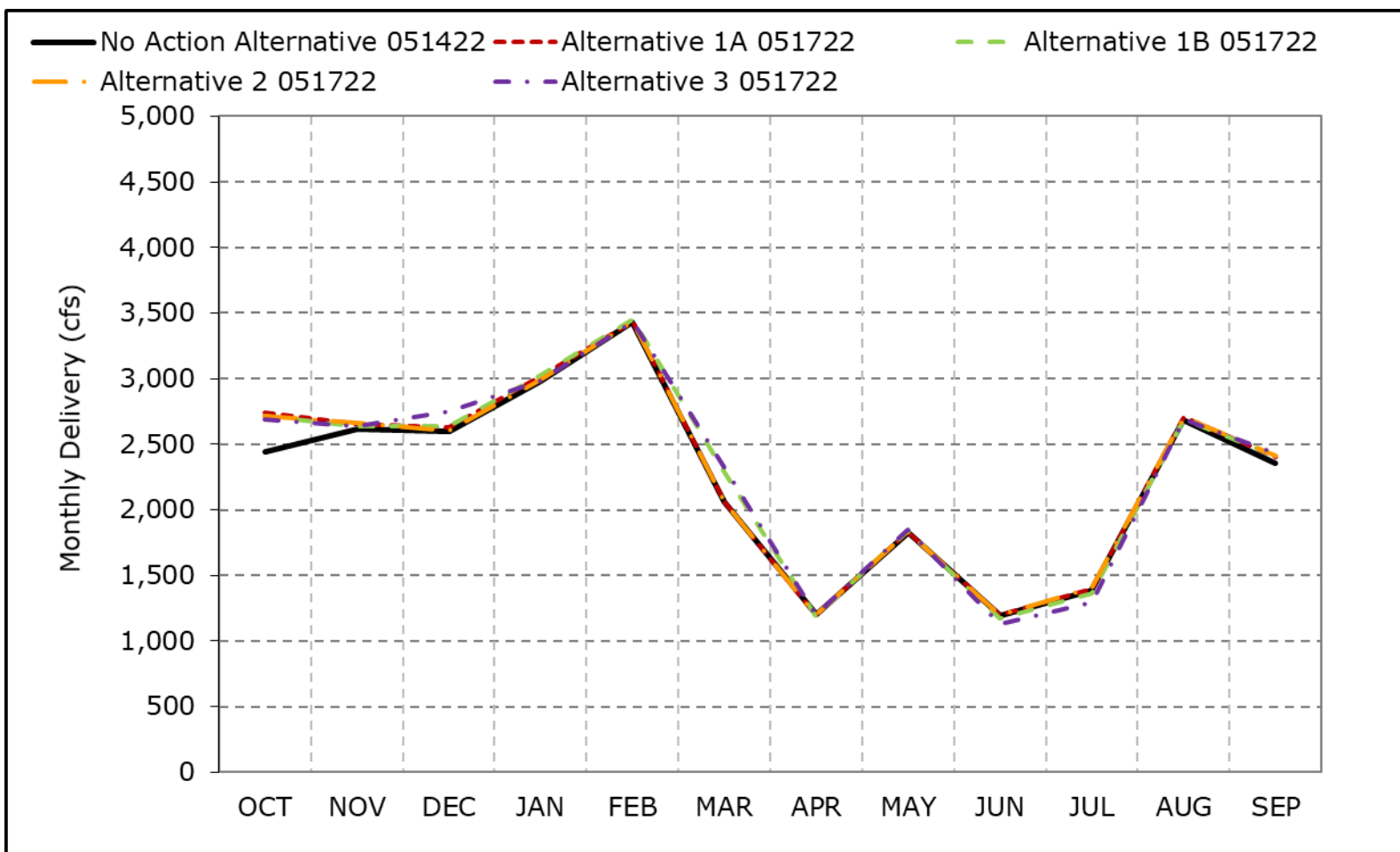


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

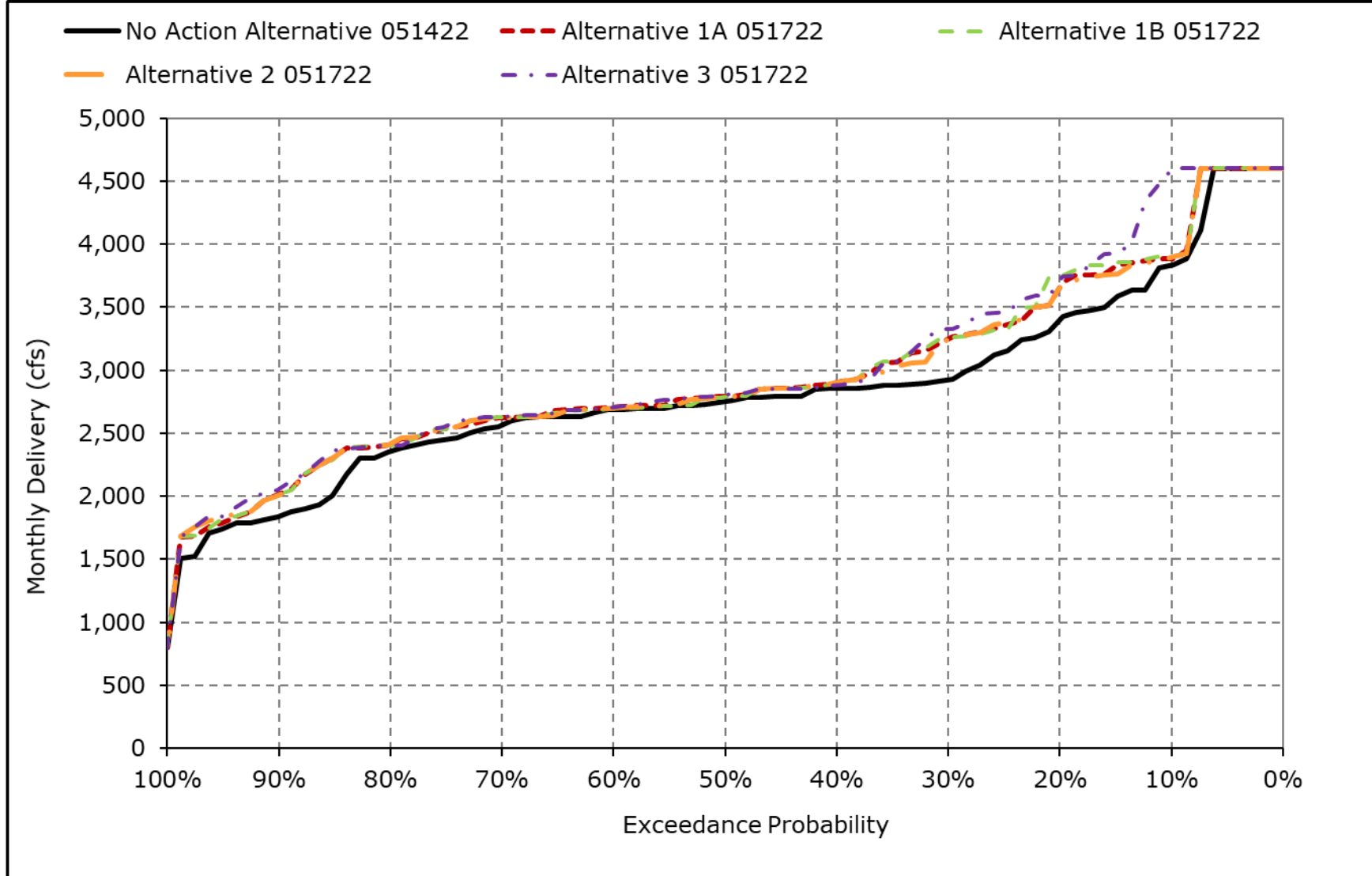


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

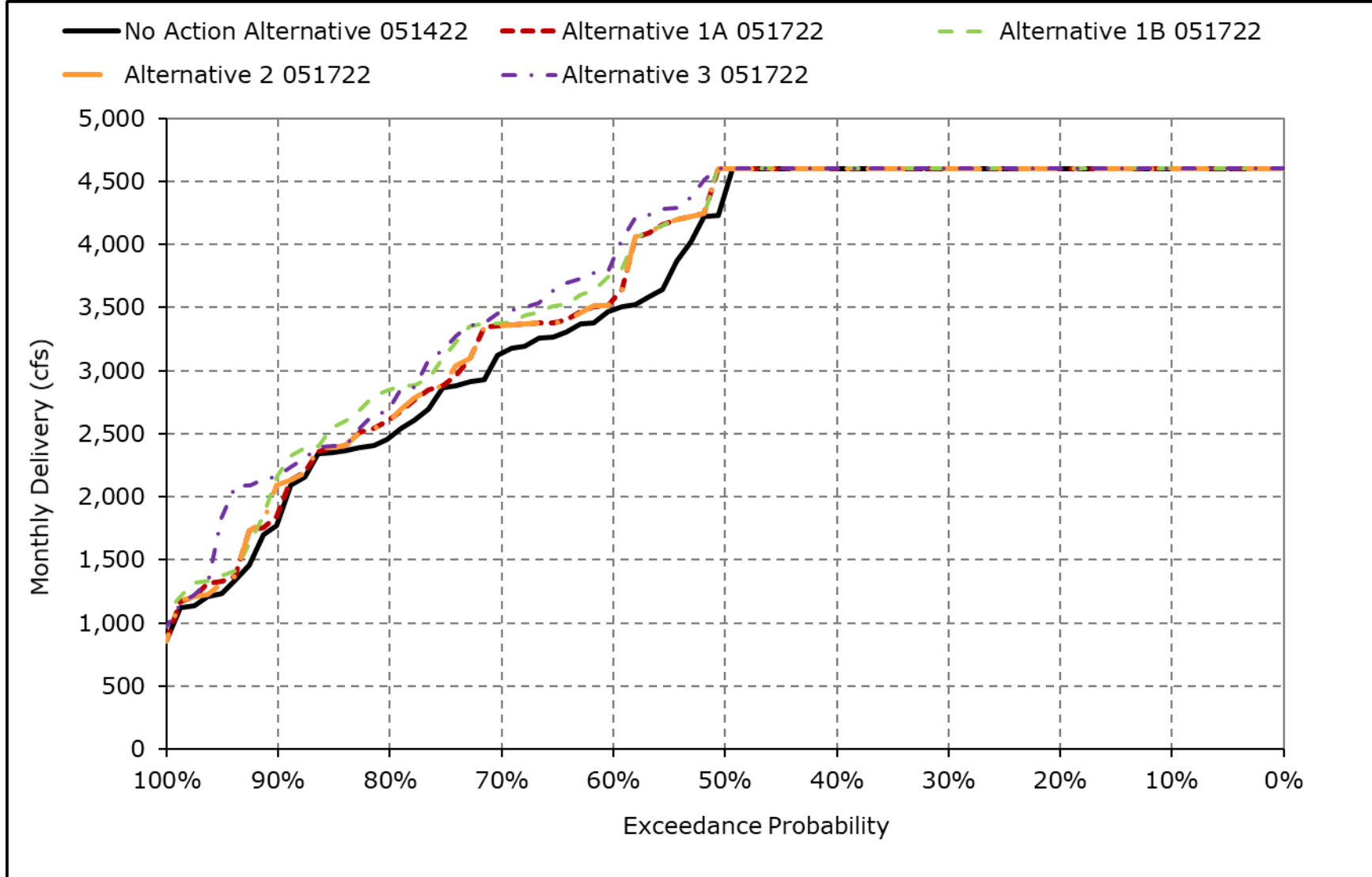
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



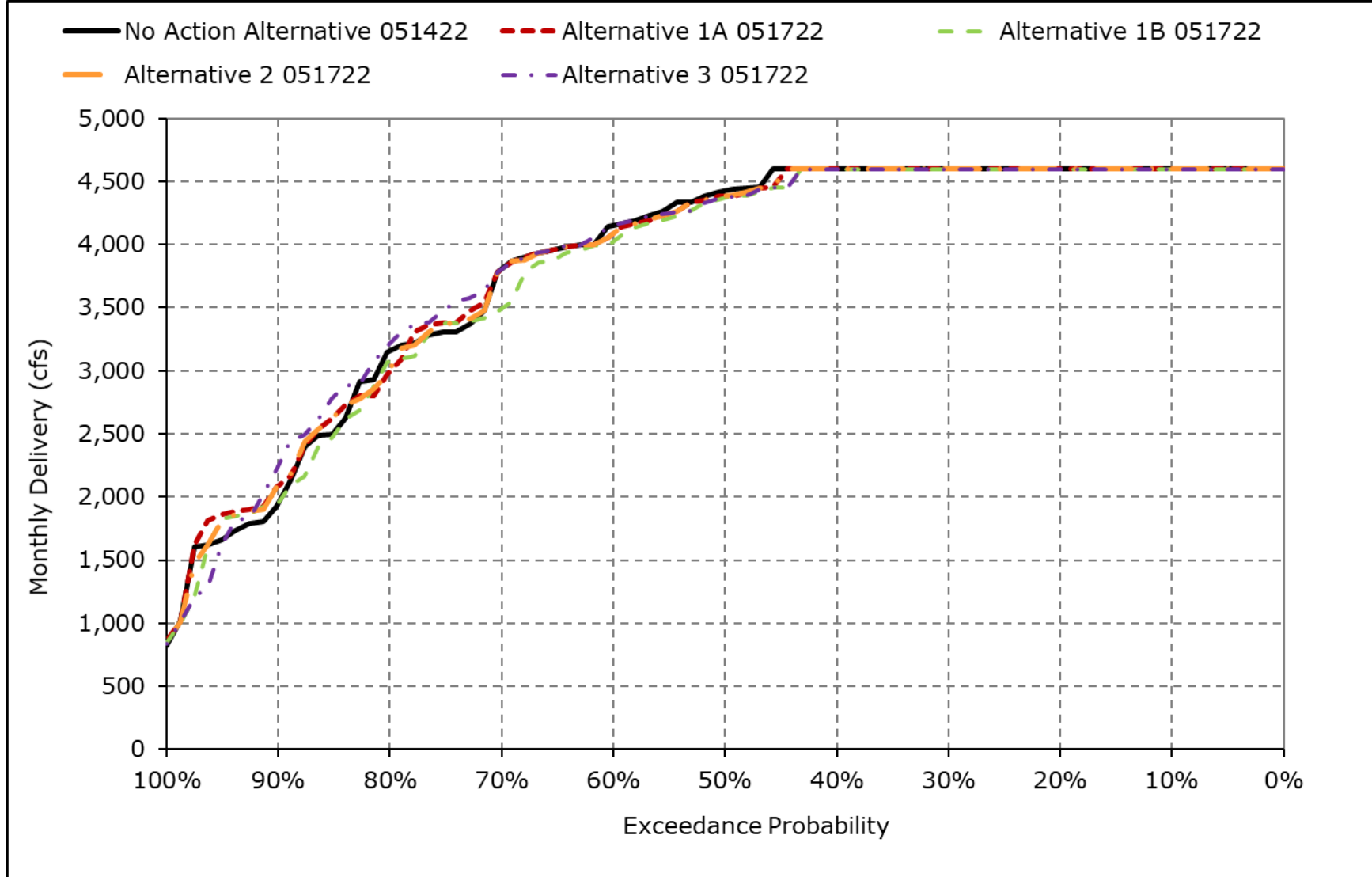
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



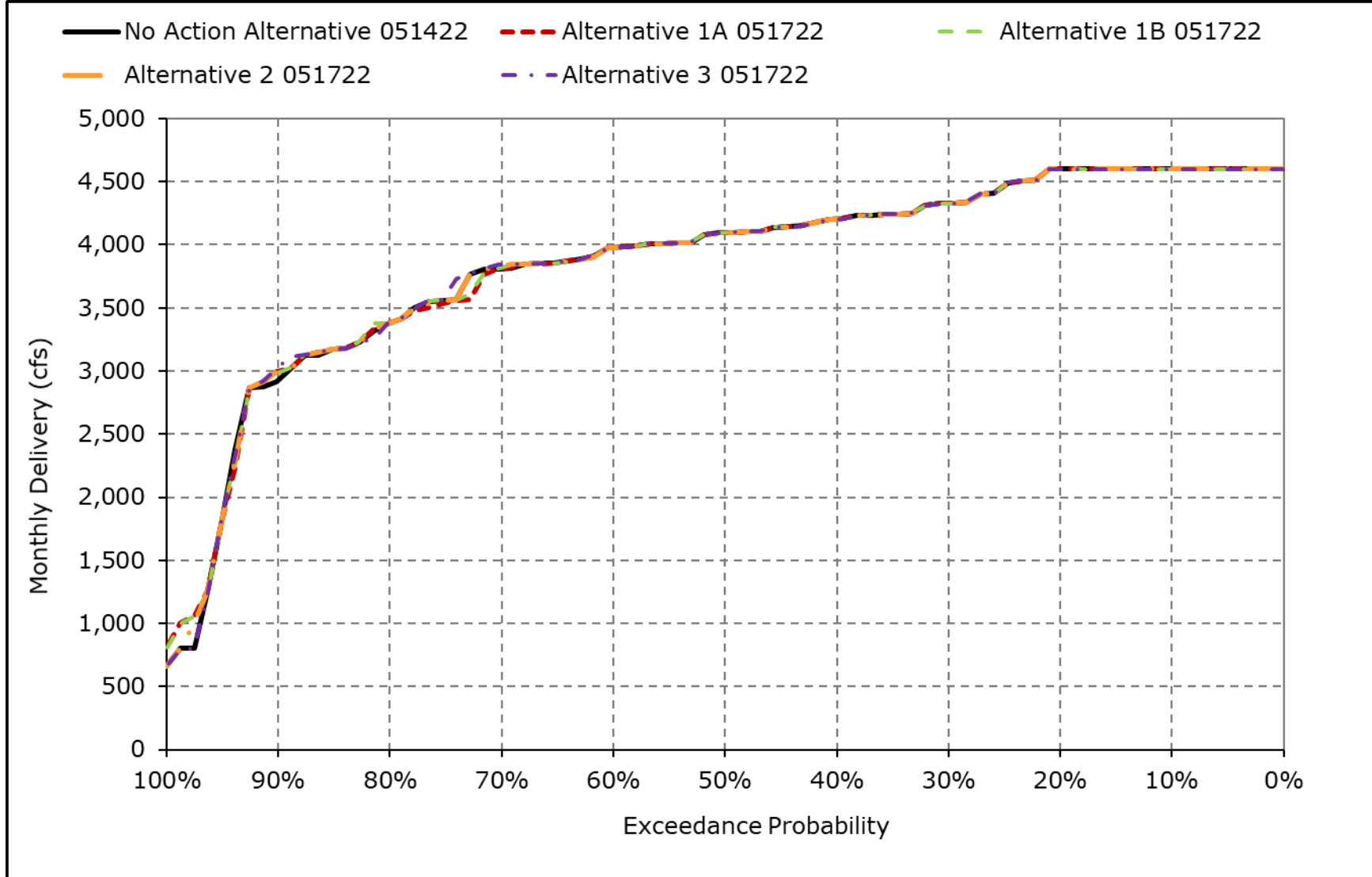
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



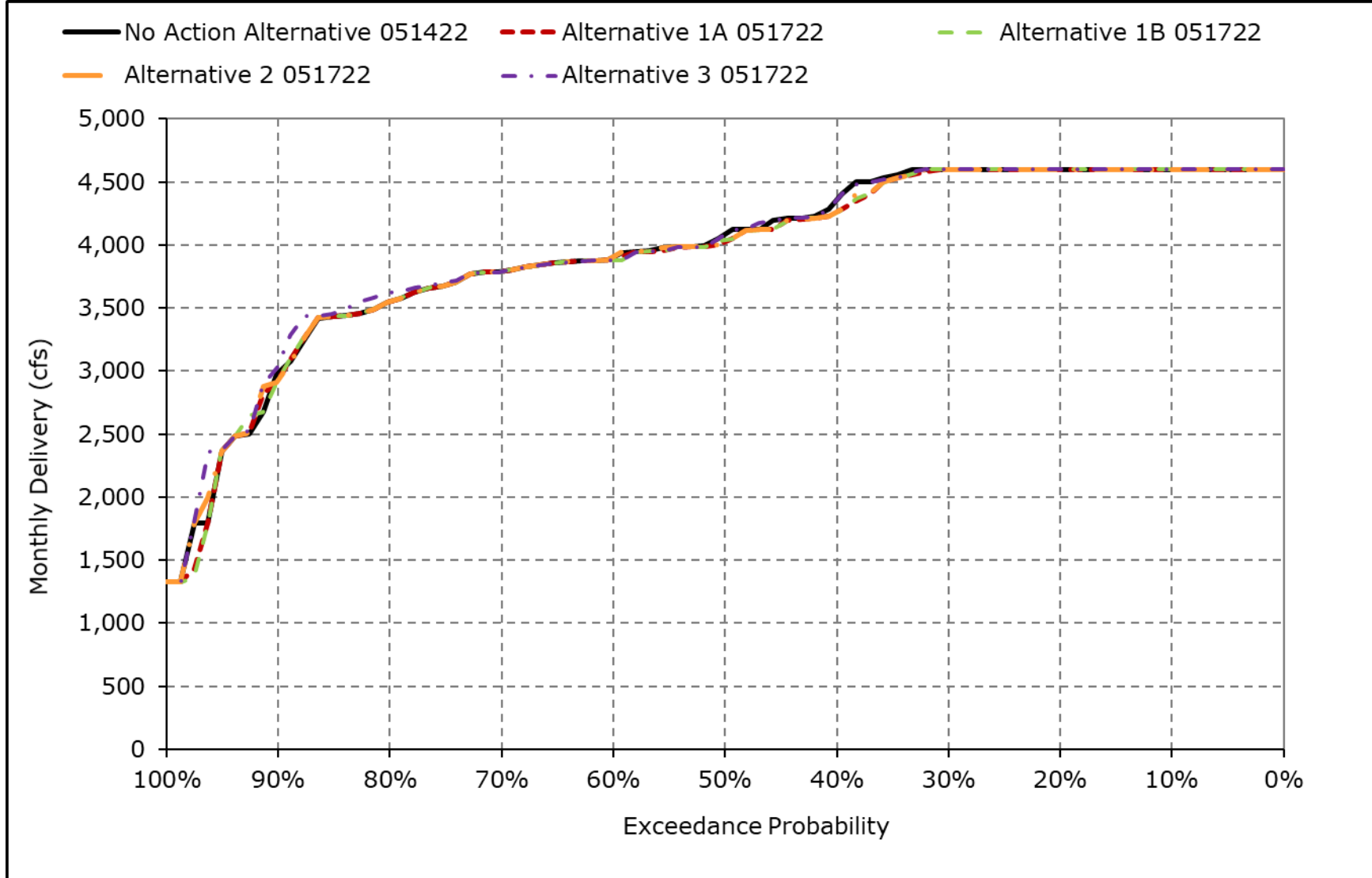
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



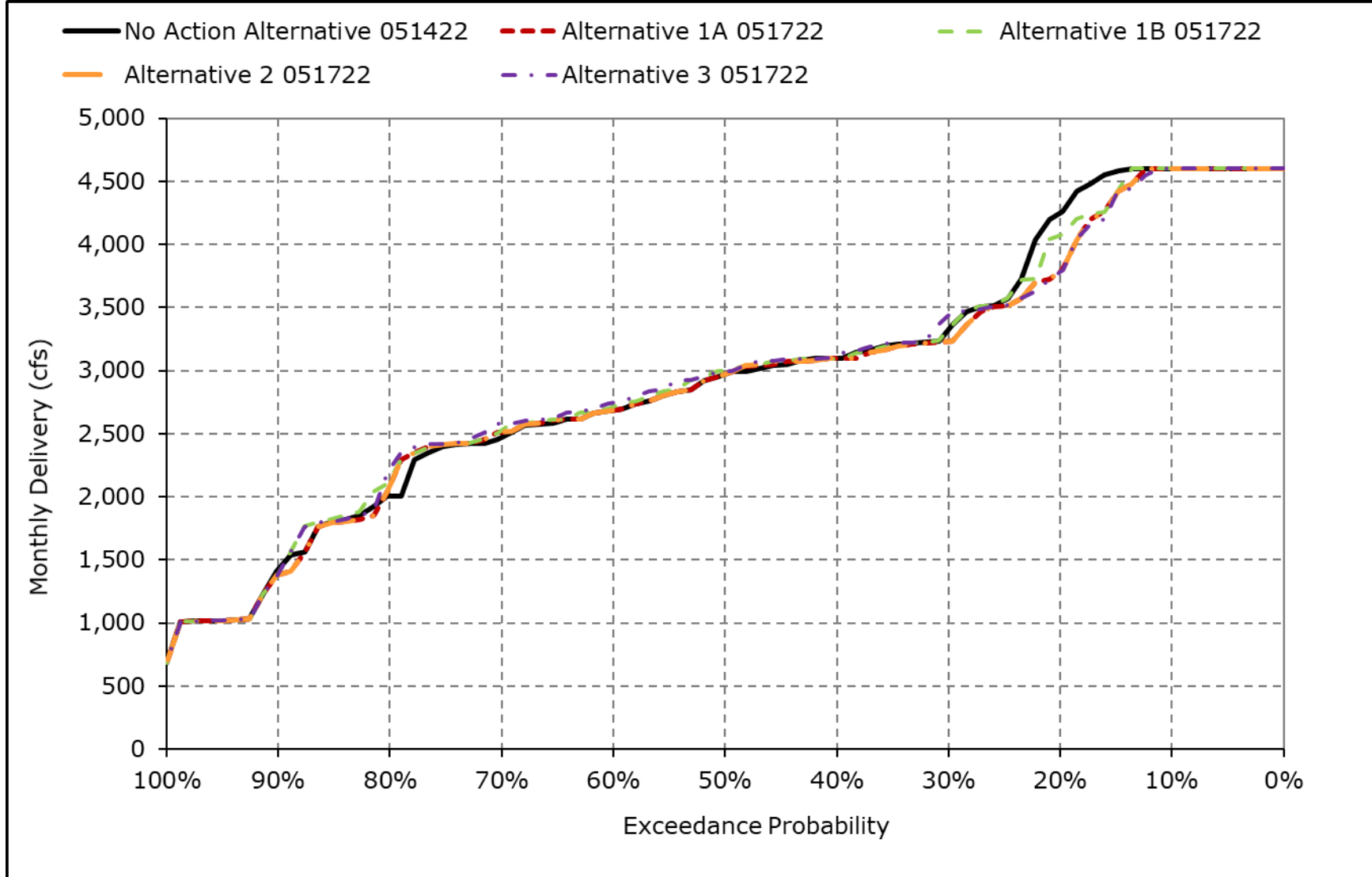
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

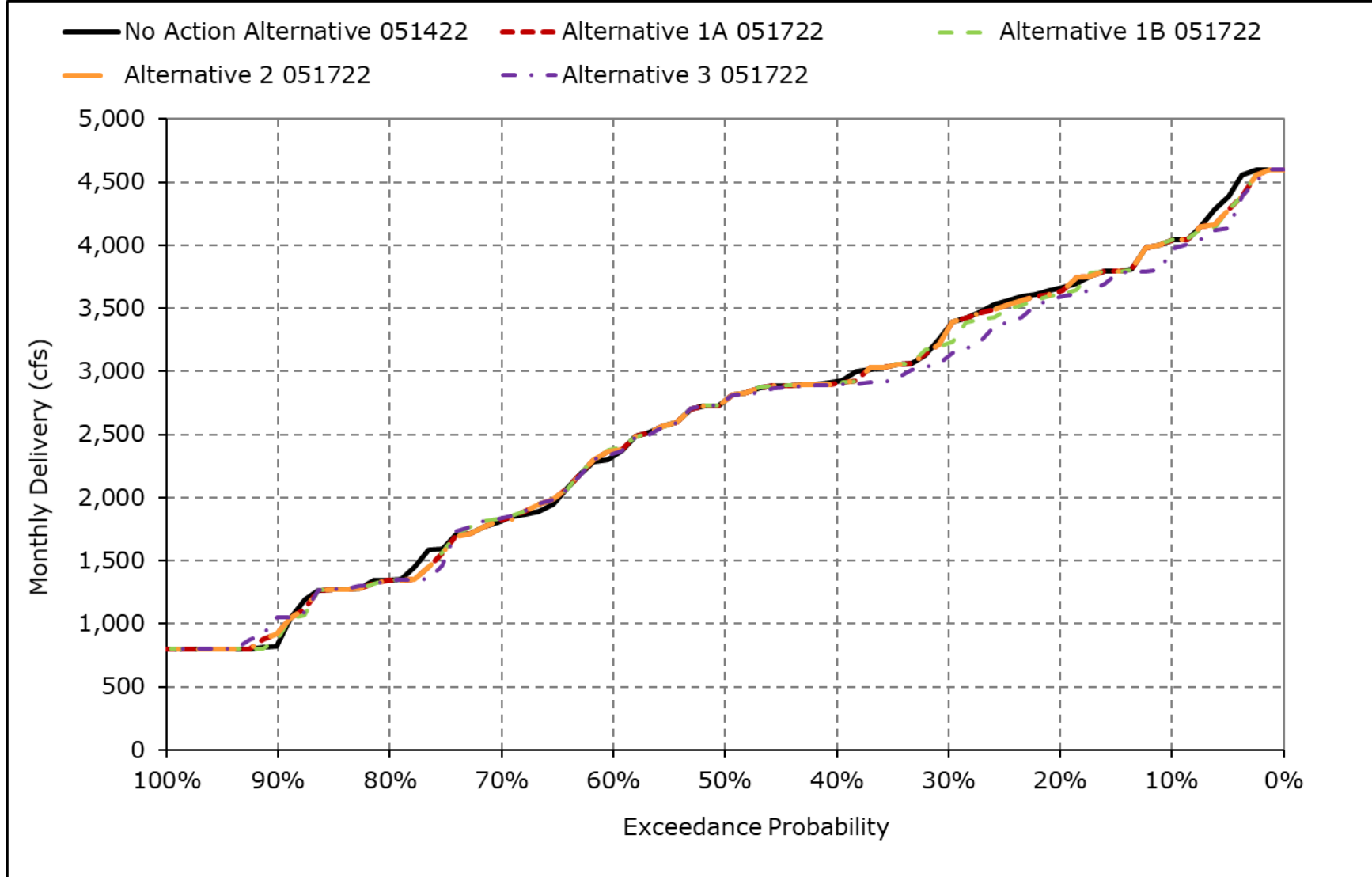
**Figure 5B4-2-12. Jones PP Exports, March**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

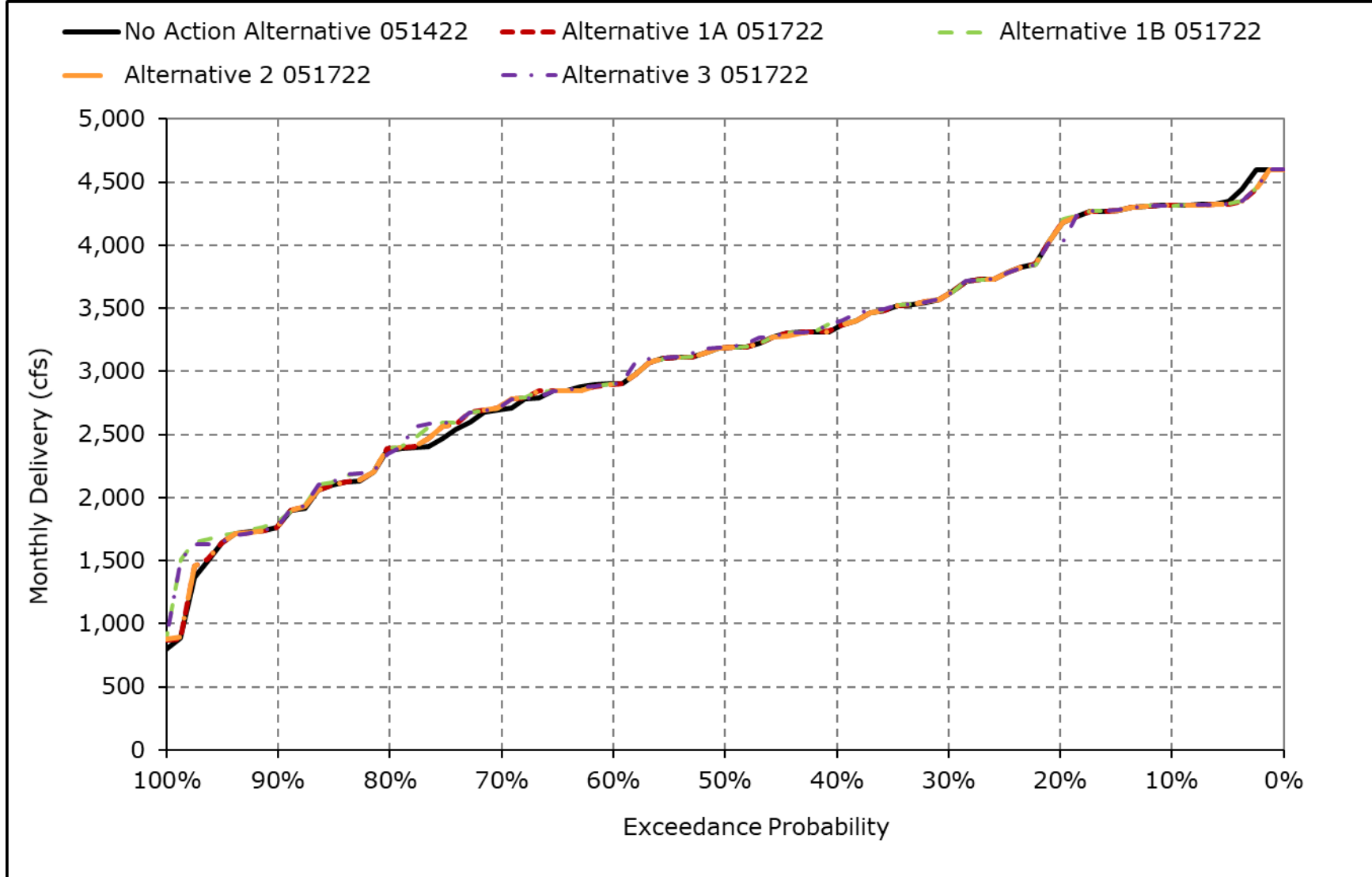


**Figure 5B4-2-13. Jones PP Exports, April**



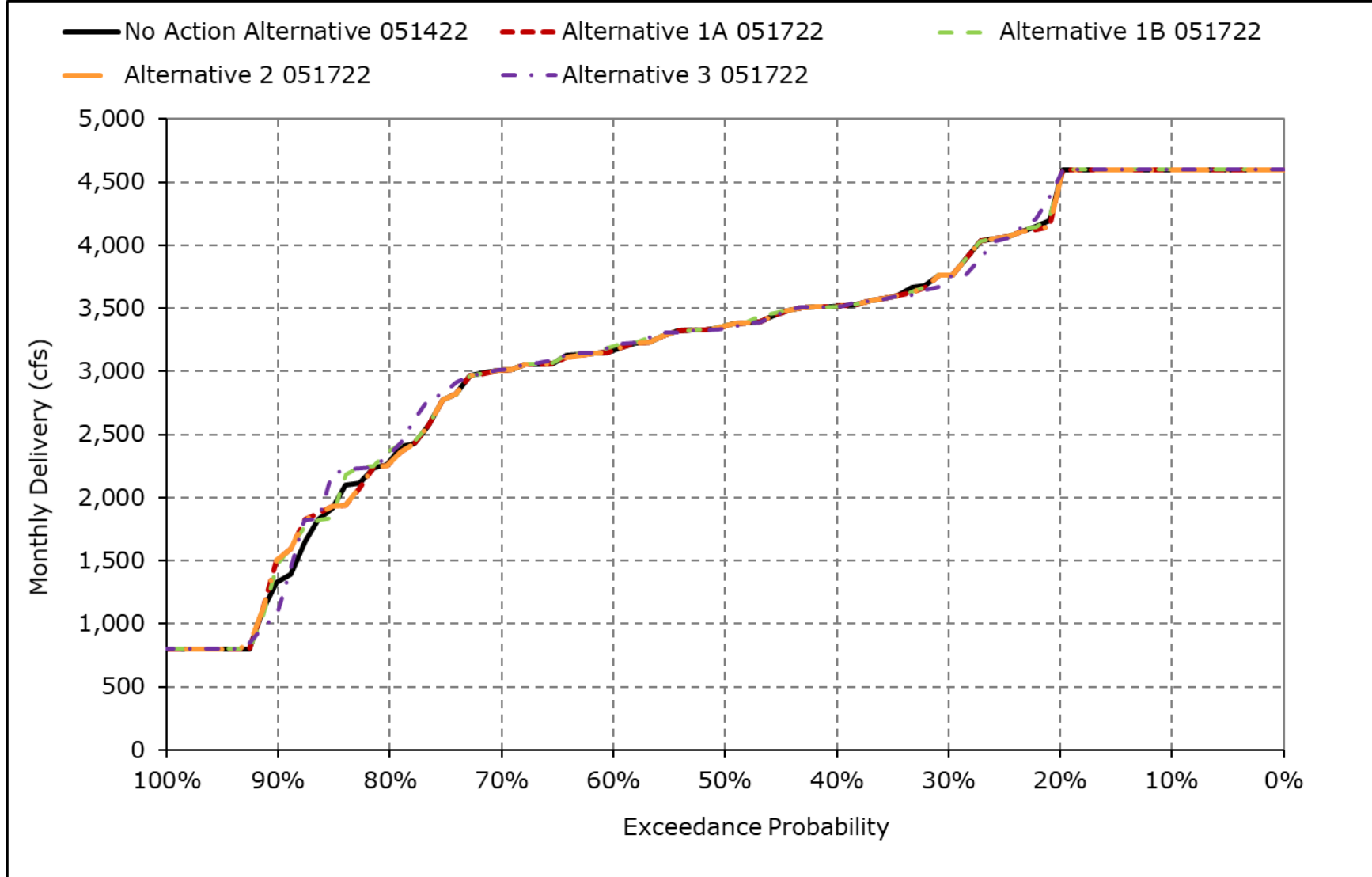
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



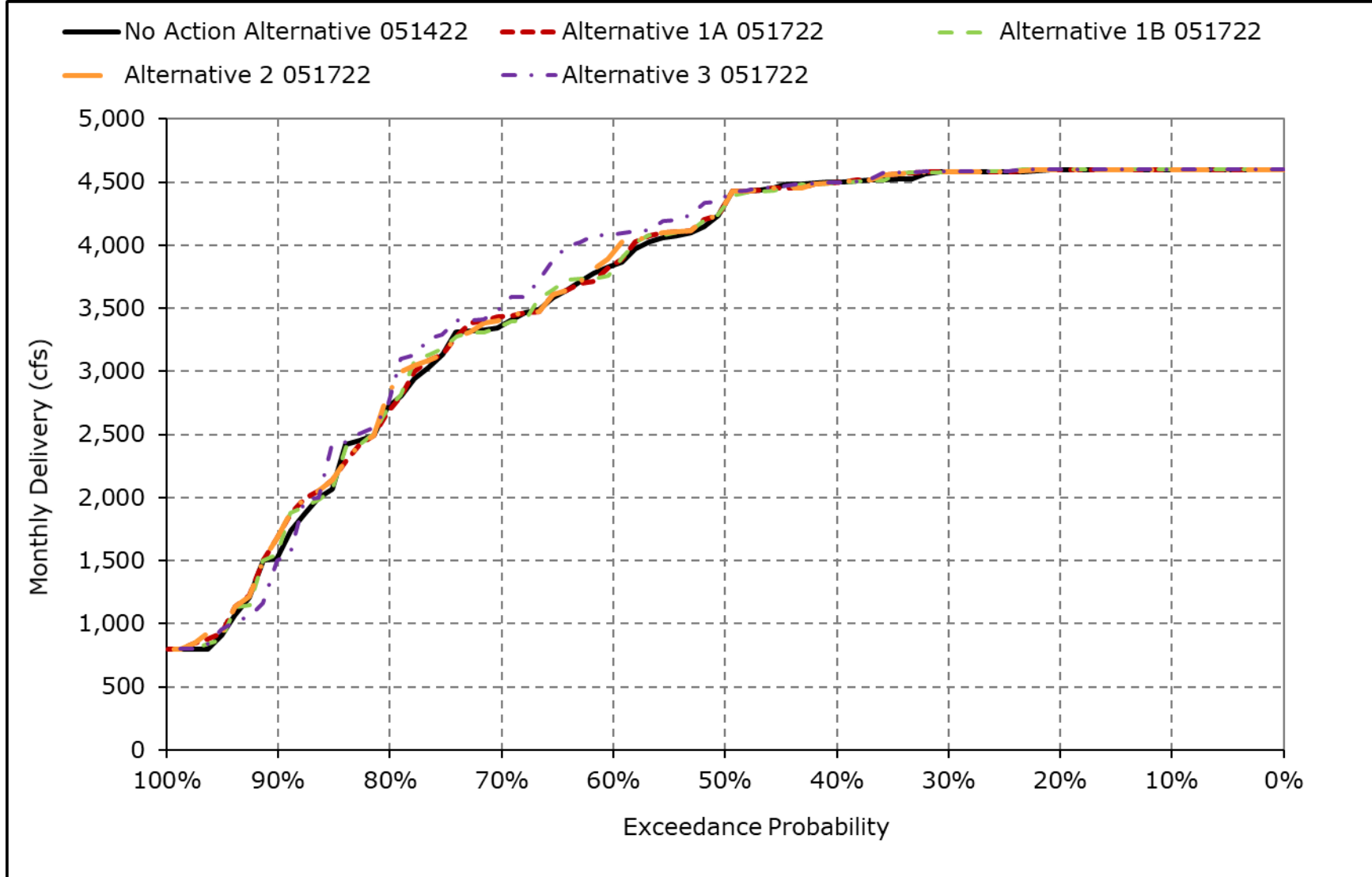
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



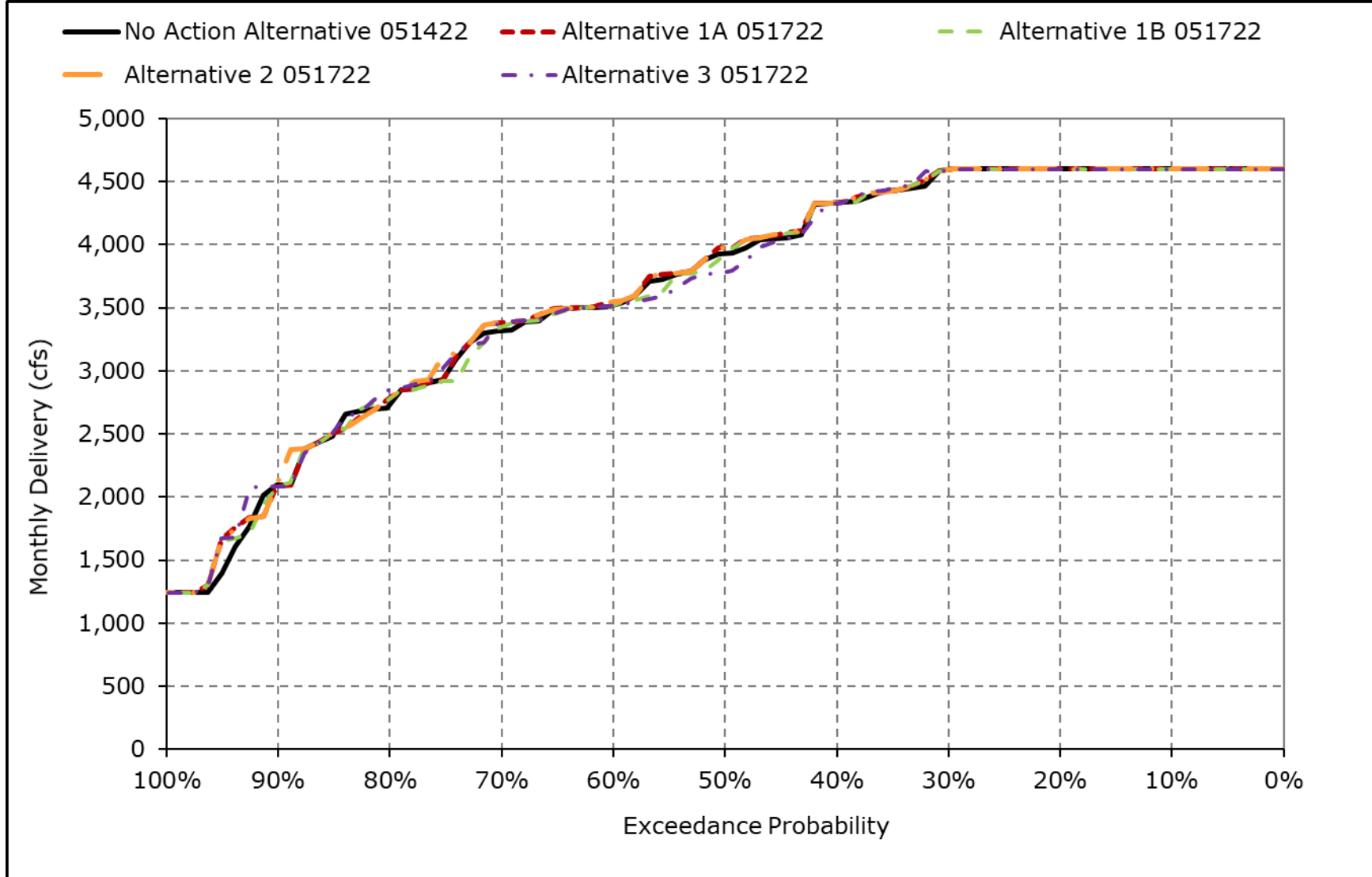
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



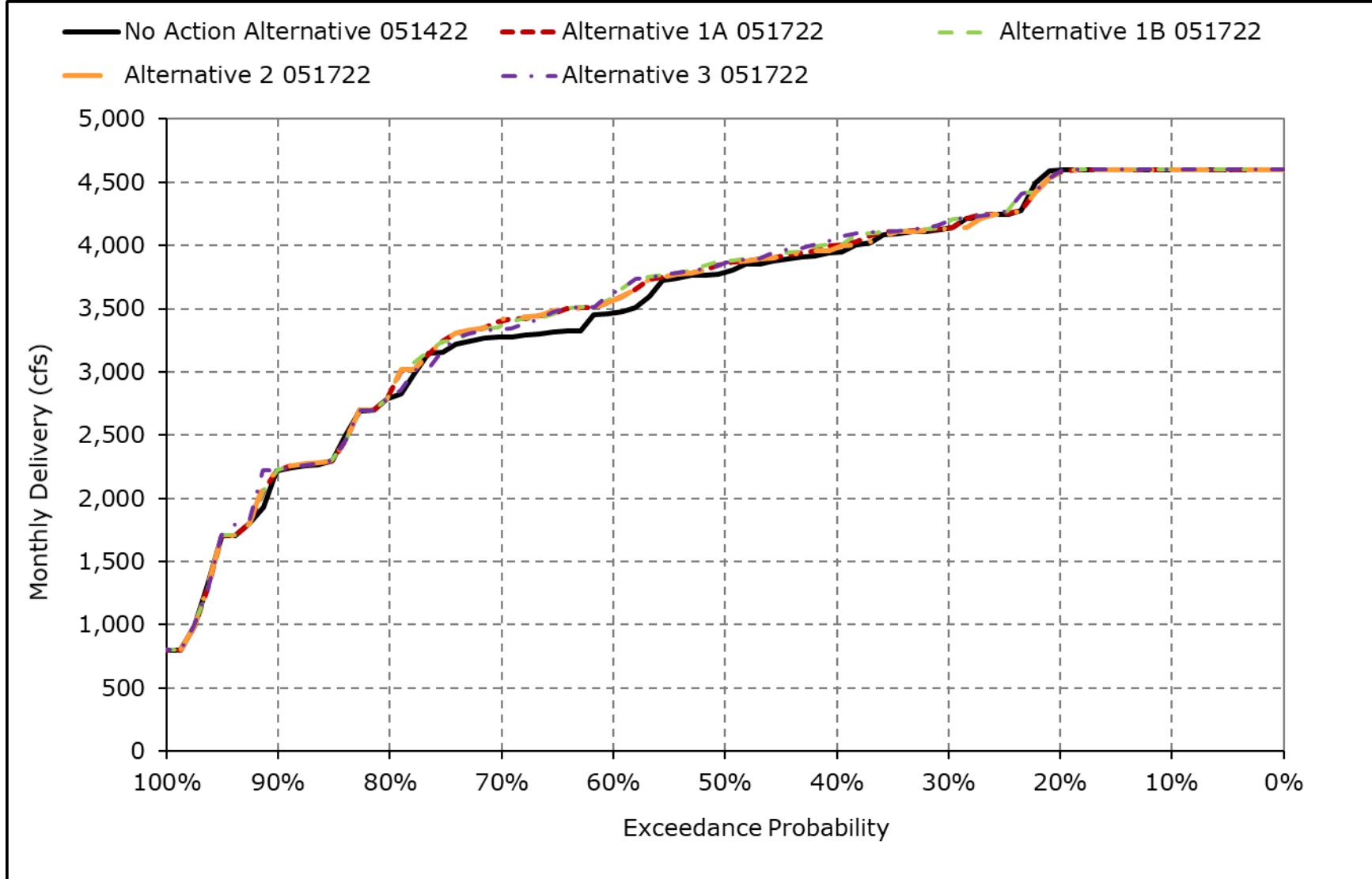
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Table 5B4-3-1a. SWP Banks PP Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	5,623	6,680	7,110	6,082	7,256	6,193	5,016	4,708	5,048	6,680	6,680	6,680
<b>20% Exceedance</b>	5,213	6,680	7,011	3,901	5,934	4,600	2,883	2,345	3,401	6,678	6,179	6,680
<b>30% Exceedance</b>	4,363	6,336	6,724	3,004	4,213	3,632	1,106	689	2,492	6,192	5,542	6,680
<b>40% Exceedance</b>	3,908	5,509	5,015	2,832	3,549	3,013	692	600	2,166	6,192	5,542	6,680
<b>50% Exceedance</b>	3,354	4,778	4,142	2,775	2,897	2,342	639	600	1,909	6,192	5,542	4,987
<b>60% Exceedance</b>	3,074	4,013	3,345	2,677	2,675	2,099	600	600	1,789	5,842	3,237	3,209
<b>70% Exceedance</b>	2,462	3,533	2,967	2,610	2,581	1,892	600	600	1,613	4,959	358	2,500
<b>80% Exceedance</b>	2,026	2,419	2,686	2,517	2,461	1,749	600	581	894	1,651	300	2,321
<b>90% Exceedance</b>	1,043	1,722	2,525	2,122	2,305	1,601	600	305	300	300	300	1,644
<b>Full Simulation Period Average<sup>a</sup></b>	3,515	4,558	4,625	3,352	3,959	3,189	1,636	1,411	2,298	4,818	3,735	4,447
<b>Wet Water Years (32%)</b>	4,946	5,907	5,722	4,455	5,392	4,814	3,295	2,796	3,709	5,995	5,288	6,423
<b>Above Normal Water Years (15%)</b>	3,831	5,265	5,326	3,212	4,081	3,457	1,197	1,334	2,425	5,849	5,223	6,638
<b>Below Normal Water Years (17%)</b>	4,220	4,634	4,509	2,857	3,936	2,903	1,197	900	1,738	6,299	6,420	4,182
<b>Dry Water Years (22%)</b>	2,323	3,723	3,667	2,722	2,722	1,889	617	525	1,519	3,987	631	2,516
<b>Critical Water Years (15%)</b>	1,063	2,094	3,118	2,624	2,616	1,682	525	415	940	756	407	1,180

**Table 5B4-3-1b. SWP Banks PP Exports, Alternative 1A 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	6,192	6,680	7,095	6,042	7,256	6,173	5,016	4,567	5,048	6,680	6,680	6,680
<b>20% Exceedance</b>	5,195	6,680	7,009	3,901	5,819	4,601	2,883	1,961	3,310	6,680	6,173	6,680
<b>30% Exceedance</b>	4,362	6,650	6,460	3,004	4,266	3,754	1,106	689	2,504	6,192	5,542	6,680
<b>40% Exceedance</b>	3,916	5,710	4,820	2,858	3,549	3,079	692	600	2,166	6,192	5,542	6,584
<b>50% Exceedance</b>	3,505	4,809	4,037	2,791	2,897	2,342	639	600	1,909	6,192	5,542	4,999
<b>60% Exceedance</b>	3,041	4,021	3,367	2,695	2,675	2,107	600	600	1,789	5,975	3,252	3,212
<b>70% Exceedance</b>	2,465	3,529	2,967	2,636	2,581	1,928	600	600	1,614	4,950	322	2,492
<b>80% Exceedance</b>	2,041	2,549	2,764	2,518	2,462	1,777	600	576	907	1,666	300	2,308
<b>90% Exceedance</b>	1,200	1,760	2,555	2,122	2,305	1,614	600	305	300	300	300	1,628
<b>Full Simulation Period Average<sup>a</sup></b>	3,537	4,626	4,582	3,360	3,969	3,211	1,657	1,380	2,299	4,833	3,729	4,450
<b>Wet Water Years (32%)</b>	4,979	5,910	5,711	4,459	5,388	4,828	3,294	2,808	3,710	6,003	5,282	6,418
<b>Above Normal Water Years (15%)</b>	3,902	5,262	5,323	3,212	4,111	3,528	1,339	1,094	2,430	5,855	5,223	6,638
<b>Below Normal Water Years (17%)</b>	4,190	5,076	4,499	2,858	3,948	2,907	1,197	899	1,758	6,299	6,399	4,239
<b>Dry Water Years (22%)</b>	2,356	3,694	3,452	2,755	2,743	1,887	618	526	1,502	4,024	629	2,501
<b>Critical Water Years (15%)</b>	1,055	2,086	3,188	2,617	2,616	1,728	525	415	939	776	408	1,168

**Table 5B4-3-1c. SWP Banks PP Exports, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	569	0	-15	-40	0	-20	0	-141	0	0	0	0
<b>20% Exceedance</b>	-18	0	-2	0	-114	0	0	-384	-91	2	-5	0
<b>30% Exceedance</b>	-1	314	-265	0	53	121	0	0	12	0	0	0
<b>40% Exceedance</b>	8	200	-195	27	0	66	0	0	0	0	0	-96
<b>50% Exceedance</b>	151	31	-105	16	0	0	0	0	0	0	0	12
<b>60% Exceedance</b>	-33	8	22	18	0	7	0	0	0	133	15	4
<b>70% Exceedance</b>	2	-5	0	26	0	37	0	0	1	-10	-36	-8
<b>80% Exceedance</b>	15	130	78	1	1	28	0	-5	13	15	0	-13
<b>90% Exceedance</b>	157	38	30	0	0	13	0	0	0	0	0	-15
<b>Full Simulation Period Average<sup>a</sup></b>	22	68	-42	7	10	22	21	-31	1	15	-6	3
<b>Wet Water Years (32%)</b>	33	2	-10	3	-4	14	0	12	1	8	-6	-4
<b>Above Normal Water Years (15%)</b>	71	-3	-3	0	30	71	142	-241	6	6	0	0
<b>Below Normal Water Years (17%)</b>	-30	442	-10	1	12	3	0	-1	21	0	-21	57
<b>Dry Water Years (22%)</b>	32	-29	-215	33	21	-2	1	0	-17	37	-2	-15
<b>Critical Water Years (15%)</b>	-7	-8	70	-7	-1	46	0	0	-1	20	2	-12

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-3-2a. SWP Banks PP Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	5,623	6,680	7,110	6,082	7,256	6,193	5,016	4,708	5,048	6,680	6,680	6,680
<b>20% Exceedance</b>	5,213	6,680	7,011	3,901	5,934	4,600	2,883	2,345	3,401	6,678	6,179	6,680
<b>30% Exceedance</b>	4,363	6,336	6,724	3,004	4,213	3,632	1,106	689	2,492	6,192	5,542	6,680
<b>40% Exceedance</b>	3,908	5,509	5,015	2,832	3,549	3,013	692	600	2,166	6,192	5,542	6,680
<b>50% Exceedance</b>	3,354	4,778	4,142	2,775	2,897	2,342	639	600	1,909	6,192	5,542	4,987
<b>60% Exceedance</b>	3,074	4,013	3,345	2,677	2,675	2,099	600	600	1,789	5,842	3,237	3,209
<b>70% Exceedance</b>	2,462	3,533	2,967	2,610	2,581	1,892	600	600	1,613	4,959	358	2,500
<b>80% Exceedance</b>	2,026	2,419	2,686	2,517	2,461	1,749	600	581	894	1,651	300	2,321
<b>90% Exceedance</b>	1,043	1,722	2,525	2,122	2,305	1,601	600	305	300	300	300	1,644
<b>Full Simulation Period Average<sup>a</sup></b>	3,515	4,558	4,625	3,352	3,959	3,189	1,636	1,411	2,298	4,818	3,735	4,447
<b>Wet Water Years (32%)</b>	4,946	5,907	5,722	4,455	5,392	4,814	3,295	2,796	3,709	5,995	5,288	6,423
<b>Above Normal Water Years (15%)</b>	3,831	5,265	5,326	3,212	4,081	3,457	1,197	1,334	2,425	5,849	5,223	6,638
<b>Below Normal Water Years (17%)</b>	4,220	4,634	4,509	2,857	3,936	2,903	1,197	900	1,738	6,299	6,420	4,182
<b>Dry Water Years (22%)</b>	2,323	3,723	3,667	2,722	2,722	1,889	617	525	1,519	3,987	631	2,516
<b>Critical Water Years (15%)</b>	1,063	2,094	3,118	2,624	2,616	1,682	525	415	940	756	407	1,180

**Table 5B4-3-2b. SWP Banks PP Exports, Alternative 1B 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	6,633	6,680	7,095	6,042	7,308	6,173	5,023	4,516	5,048	6,680	6,680	6,680
<b>20% Exceedance</b>	5,166	6,680	7,005	3,901	5,941	4,601	2,883	1,923	3,298	6,680	6,174	6,680
<b>30% Exceedance</b>	4,372	6,646	6,023	3,008	4,266	3,699	1,106	690	2,465	6,192	5,542	6,680
<b>40% Exceedance</b>	3,889	5,710	4,720	2,858	3,549	3,188	692	600	2,166	6,192	5,542	6,669
<b>50% Exceedance</b>	3,510	4,813	3,879	2,791	2,897	2,342	639	600	1,909	6,192	5,542	4,999
<b>60% Exceedance</b>	3,041	4,212	3,321	2,695	2,675	2,106	600	600	1,789	5,981	3,463	3,206
<b>70% Exceedance</b>	2,566	3,529	2,899	2,635	2,581	1,928	600	600	1,613	4,977	334	2,490
<b>80% Exceedance</b>	2,034	2,561	2,664	2,518	2,462	1,777	600	575	936	1,661	300	2,310
<b>90% Exceedance</b>	1,200	1,753	2,490	2,122	2,305	1,614	600	301	300	300	300	1,630
<b>Full Simulation Period Average<sup>a</sup></b>	3,544	4,653	4,478	3,357	3,968	3,204	1,657	1,375	2,291	4,840	3,740	4,456
<b>Wet Water Years (32%)</b>	4,995	5,909	5,691	4,457	5,398	4,791	3,293	2,801	3,704	6,006	5,309	6,424
<b>Above Normal Water Years (15%)</b>	3,967	5,266	5,322	3,212	4,082	3,534	1,345	1,094	2,411	5,846	5,223	6,638
<b>Below Normal Water Years (17%)</b>	4,162	5,076	4,497	2,858	3,944	2,931	1,197	895	1,737	6,299	6,403	4,259
<b>Dry Water Years (22%)</b>	2,349	3,813	3,019	2,747	2,747	1,887	614	526	1,498	4,060	632	2,504
<b>Critical Water Years (15%)</b>	1,050	2,087	3,174	2,618	2,617	1,729	525	401	945	777	411	1,168

**Table 5B4-3-2c. SWP Banks PP Exports, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	1,009	0	-15	-40	52	-20	7	-193	0	0	0	0
<b>20% Exceedance</b>	-47	0	-6	0	7	1	0	-422	-103	2	-5	0
<b>30% Exceedance</b>	9	310	-701	4	53	67	0	1	-27	0	0	0
<b>40% Exceedance</b>	-19	200	-295	27	0	175	0	0	0	0	0	-11
<b>50% Exceedance</b>	155	35	-263	16	0	0	0	0	0	0	0	12
<b>60% Exceedance</b>	-33	199	-24	18	0	6	0	0	0	139	226	-3
<b>70% Exceedance</b>	104	-4	-68	25	0	37	0	0	0	18	-24	-10
<b>80% Exceedance</b>	8	142	-22	1	1	28	0	-6	41	11	0	-11
<b>90% Exceedance</b>	157	30	-36	0	1	13	0	-5	0	0	0	-13
<b>Full Simulation Period Average<sup>a</sup></b>	29	95	-146	5	9	15	21	-36	-7	22	4	9
<b>Wet Water Years (32%)</b>	49	2	-31	1	6	-22	-1	5	-4	10	21	2
<b>Above Normal Water Years (15%)</b>	137	1	-5	0	2	77	148	-241	-14	-3	0	0
<b>Below Normal Water Years (17%)</b>	-59	442	-12	1	9	28	0	-5	-1	1	-18	77
<b>Dry Water Years (22%)</b>	26	90	-648	25	25	-2	-3	1	-21	73	1	-12
<b>Critical Water Years (15%)</b>	-13	-8	57	-5	1	46	0	-14	5	21	4	-12

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.



**Table 5B4-3-3a. SWP Banks PP Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	5,623	6,680	7,110	6,082	7,256	6,193	5,016	4,708	5,048	6,680	6,680	6,680
<b>20% Exceedance</b>	5,213	6,680	7,011	3,901	5,934	4,600	2,883	2,345	3,401	6,678	6,179	6,680
<b>30% Exceedance</b>	4,363	6,336	6,724	3,004	4,213	3,632	1,106	689	2,492	6,192	5,542	6,680
<b>40% Exceedance</b>	3,908	5,509	5,015	2,832	3,549	3,013	692	600	2,166	6,192	5,542	6,680
<b>50% Exceedance</b>	3,354	4,778	4,142	2,775	2,897	2,342	639	600	1,909	6,192	5,542	4,987
<b>60% Exceedance</b>	3,074	4,013	3,345	2,677	2,675	2,099	600	600	1,789	5,842	3,237	3,209
<b>70% Exceedance</b>	2,462	3,533	2,967	2,610	2,581	1,892	600	600	1,613	4,959	358	2,500
<b>80% Exceedance</b>	2,026	2,419	2,686	2,517	2,461	1,749	600	581	894	1,651	300	2,321
<b>90% Exceedance</b>	1,043	1,722	2,525	2,122	2,305	1,601	600	305	300	300	300	1,644
<b>Full Simulation Period Average<sup>a</sup></b>	3,515	4,558	4,625	3,352	3,959	3,189	1,636	1,411	2,298	4,818	3,735	4,447
<b>Wet Water Years (32%)</b>	4,946	5,907	5,722	4,455	5,392	4,814	3,295	2,796	3,709	5,995	5,288	6,423
<b>Above Normal Water Years (15%)</b>	3,831	5,265	5,326	3,212	4,081	3,457	1,197	1,334	2,425	5,849	5,223	6,638
<b>Below Normal Water Years (17%)</b>	4,220	4,634	4,509	2,857	3,936	2,903	1,197	900	1,738	6,299	6,420	4,182
<b>Dry Water Years (22%)</b>	2,323	3,723	3,667	2,722	2,722	1,889	617	525	1,519	3,987	631	2,516
<b>Critical Water Years (15%)</b>	1,063	2,094	3,118	2,624	2,616	1,682	525	415	940	756	407	1,180

**Table 5B4-3-3b. SWP Banks PP Exports, Alternative 2 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	6,193	6,680	7,095	6,082	7,256	6,173	5,027	4,609	5,048	6,680	6,680	6,680
<b>20% Exceedance</b>	5,195	6,680	7,009	3,901	5,776	4,601	2,883	1,962	3,299	6,680	6,173	6,680
<b>30% Exceedance</b>	4,362	6,650	6,455	3,004	4,266	3,754	1,106	689	2,504	6,192	5,542	6,680
<b>40% Exceedance</b>	3,903	5,710	4,820	2,832	3,549	3,079	692	600	2,166	6,192	5,542	6,591
<b>50% Exceedance</b>	3,505	4,809	4,038	2,775	2,897	2,342	639	600	1,909	6,192	5,542	4,999
<b>60% Exceedance</b>	3,046	4,021	3,367	2,677	2,675	2,115	600	600	1,789	5,989	3,251	3,212
<b>70% Exceedance</b>	2,470	3,529	2,967	2,603	2,581	1,928	600	600	1,614	4,950	322	2,494
<b>80% Exceedance</b>	2,037	2,492	2,764	2,518	2,462	1,777	600	576	908	1,665	300	2,308
<b>90% Exceedance</b>	1,200	1,739	2,555	2,122	2,305	1,614	600	305	300	300	300	1,626
<b>Full Simulation Period Average<sup>a</sup></b>	3,527	4,627	4,580	3,359	3,957	3,211	1,659	1,381	2,299	4,837	3,730	4,448
<b>Wet Water Years (32%)</b>	4,962	5,910	5,711	4,457	5,388	4,825	3,294	2,808	3,710	6,003	5,282	6,419
<b>Above Normal Water Years (15%)</b>	3,903	5,261	5,322	3,212	4,100	3,528	1,348	1,094	2,430	5,855	5,223	6,638
<b>Below Normal Water Years (17%)</b>	4,176	5,076	4,495	2,858	3,930	2,907	1,198	903	1,754	6,299	6,402	4,225
<b>Dry Water Years (22%)</b>	2,357	3,689	3,469	2,735	2,711	1,887	618	526	1,502	4,028	629	2,501
<b>Critical Water Years (15%)</b>	1,042	2,100	3,154	2,649	2,618	1,741	525	415	940	802	409	1,170

**Table 5B4-3-3c. SWP Banks PP Exports, Alternative 2 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	570	0	-15	0	0	-20	11	-99	0	0	0	0
<b>20% Exceedance</b>	-18	0	-2	0	-158	0	0	-383	-103	2	-5	0
<b>30% Exceedance</b>	-1	314	-269	0	53	121	0	0	12	0	0	0
<b>40% Exceedance</b>	-5	200	-195	0	0	66	0	0	0	0	0	-89
<b>50% Exceedance</b>	151	31	-104	0	0	0	0	0	0	0	0	12
<b>60% Exceedance</b>	-28	8	22	0	0	15	0	0	0	147	14	4
<b>70% Exceedance</b>	8	-5	0	-8	0	37	0	0	1	-10	-36	-7
<b>80% Exceedance</b>	11	73	78	1	1	28	0	-5	13	14	0	-13
<b>90% Exceedance</b>	157	16	30	0	0	13	0	0	0	0	0	-17
<b>Full Simulation Period Average<sup>a</sup></b>	12	69	-44	7	-2	23	22	-31	0	19	-5	1
<b>Wet Water Years (32%)</b>	16	2	-10	2	-4	11	0	12	1	8	-6	-4
<b>Above Normal Water Years (15%)</b>	72	-4	-5	0	19	71	151	-241	6	6	0	0
<b>Below Normal Water Years (17%)</b>	-44	442	-14	1	-6	3	1	2	17	0	-18	43
<b>Dry Water Years (22%)</b>	34	-34	-198	13	-11	-2	1	0	-17	42	-2	-15
<b>Critical Water Years (15%)</b>	-21	6	36	25	1	59	0	0	0	46	3	-10

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-3-4a. SWP Banks PP Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	5,623	6,680	7,110	6,082	7,256	6,193	5,016	4,708	5,048	6,680	6,680	6,680
<b>20% Exceedance</b>	5,213	6,680	7,011	3,901	5,934	4,600	2,883	2,345	3,401	6,678	6,179	6,680
<b>30% Exceedance</b>	4,363	6,336	6,724	3,004	4,213	3,632	1,106	689	2,492	6,192	5,542	6,680
<b>40% Exceedance</b>	3,908	5,509	5,015	2,832	3,549	3,013	692	600	2,166	6,192	5,542	6,680
<b>50% Exceedance</b>	3,354	4,778	4,142	2,775	2,897	2,342	639	600	1,909	6,192	5,542	4,987
<b>60% Exceedance</b>	3,074	4,013	3,345	2,677	2,675	2,099	600	600	1,789	5,842	3,237	3,209
<b>70% Exceedance</b>	2,462	3,533	2,967	2,610	2,581	1,892	600	600	1,613	4,959	358	2,500
<b>80% Exceedance</b>	2,026	2,419	2,686	2,517	2,461	1,749	600	581	894	1,651	300	2,321
<b>90% Exceedance</b>	1,043	1,722	2,525	2,122	2,305	1,601	600	305	300	300	300	1,644
<b>Full Simulation Period Average<sup>a</sup></b>	3,515	4,558	4,625	3,352	3,959	3,189	1,636	1,411	2,298	4,818	3,735	4,447
<b>Wet Water Years (32%)</b>	4,946	5,907	5,722	4,455	5,392	4,814	3,295	2,796	3,709	5,995	5,288	6,423
<b>Above Normal Water Years (15%)</b>	3,831	5,265	5,326	3,212	4,081	3,457	1,197	1,334	2,425	5,849	5,223	6,638
<b>Below Normal Water Years (17%)</b>	4,220	4,634	4,509	2,857	3,936	2,903	1,197	900	1,738	6,299	6,420	4,182
<b>Dry Water Years (22%)</b>	2,323	3,723	3,667	2,722	2,722	1,889	617	525	1,519	3,987	631	2,516
<b>Critical Water Years (15%)</b>	1,063	2,094	3,118	2,624	2,616	1,682	525	415	940	756	407	1,180

**Table 5B4-3-4b. SWP Banks PP Exports, Alternative 3 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	6,680	6,680	7,058	6,082	7,256	6,208	5,016	4,687	5,048	6,680	6,680	6,680
<b>20% Exceedance</b>	5,316	6,680	6,998	3,901	5,334	4,593	2,672	2,325	3,252	6,680	6,172	6,680
<b>30% Exceedance</b>	4,362	6,669	6,136	3,004	4,266	3,754	1,106	690	2,565	6,192	5,542	6,680
<b>40% Exceedance</b>	3,595	5,594	4,820	2,832	3,474	2,998	692	600	2,151	6,192	5,542	6,680
<b>50% Exceedance</b>	3,330	4,692	3,879	2,775	2,909	2,297	639	600	1,884	6,192	5,542	4,999
<b>60% Exceedance</b>	2,980	4,029	3,309	2,677	2,675	2,075	600	600	1,790	5,810	3,389	3,218
<b>70% Exceedance</b>	2,457	3,505	2,967	2,598	2,581	1,916	600	600	1,630	4,820	385	2,495
<b>80% Exceedance</b>	2,034	2,567	2,684	2,518	2,478	1,777	600	575	820	2,190	300	2,313
<b>90% Exceedance</b>	1,159	1,752	2,524	2,122	2,305	1,614	600	300	300	300	300	1,639
<b>Full Simulation Period Average<sup>a</sup></b>	3,522	4,595	4,515	3,356	3,938	3,206	1,627	1,404	2,287	4,805	3,742	4,477
<b>Wet Water Years (32%)</b>	5,036	5,908	5,710	4,456	5,383	4,862	3,295	2,795	3,704	5,994	5,302	6,424
<b>Above Normal Water Years (15%)</b>	4,063	5,322	5,361	3,212	4,054	3,471	1,124	1,315	2,369	5,573	5,223	6,638
<b>Below Normal Water Years (17%)</b>	3,867	4,737	4,587	2,858	3,903	2,886	1,197	887	1,823	6,297	6,418	4,380
<b>Dry Water Years (22%)</b>	2,356	3,785	3,091	2,742	2,676	1,879	621	526	1,443	4,083	641	2,507
<b>Critical Water Years (15%)</b>	1,049	2,075	3,133	2,616	2,624	1,717	525	401	945	802	411	1,170

**Table 5B4-3-4c. SWP Banks PP Exports, Alternative 3 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	1,057	0	-52	0	0	15	0	-21	0	0	0	0
<b>20% Exceedance</b>	103	0	-13	0	-599	-7	-211	-20	-149	2	-7	0
<b>30% Exceedance</b>	-1	333	-588	0	53	121	0	1	73	0	0	0
<b>40% Exceedance</b>	-313	85	-195	0	-75	-14	0	0	-15	0	0	0
<b>50% Exceedance</b>	-24	-85	-263	0	12	-44	0	0	-25	0	0	12
<b>60% Exceedance</b>	-94	16	-36	0	0	-24	0	0	1	-32	152	10
<b>70% Exceedance</b>	-5	-28	0	-13	0	25	0	0	18	-139	27	-5
<b>80% Exceedance</b>	8	148	-2	1	16	28	0	-6	-74	539	0	-8
<b>90% Exceedance</b>	116	30	-1	0	1	13	0	-5	0	0	0	-4
<b>Full Simulation Period Average<sup>a</sup></b>	7	37	-109	4	-21	17	-10	-7	-11	-13	7	31
<b>Wet Water Years (32%)</b>	89	1	-11	1	-9	49	1	-1	-5	-1	14	1
<b>Above Normal Water Years (15%)</b>	233	57	35	0	-27	15	-73	-19	-56	-276	0	0
<b>Below Normal Water Years (17%)</b>	-354	103	78	1	-33	-17	-1	-13	85	-2	-3	198
<b>Dry Water Years (22%)</b>	32	62	-576	20	-46	-10	4	0	-75	96	10	-9
<b>Critical Water Years (15%)</b>	-14	-19	15	-8	8	35	0	-14	5	46	5	-10

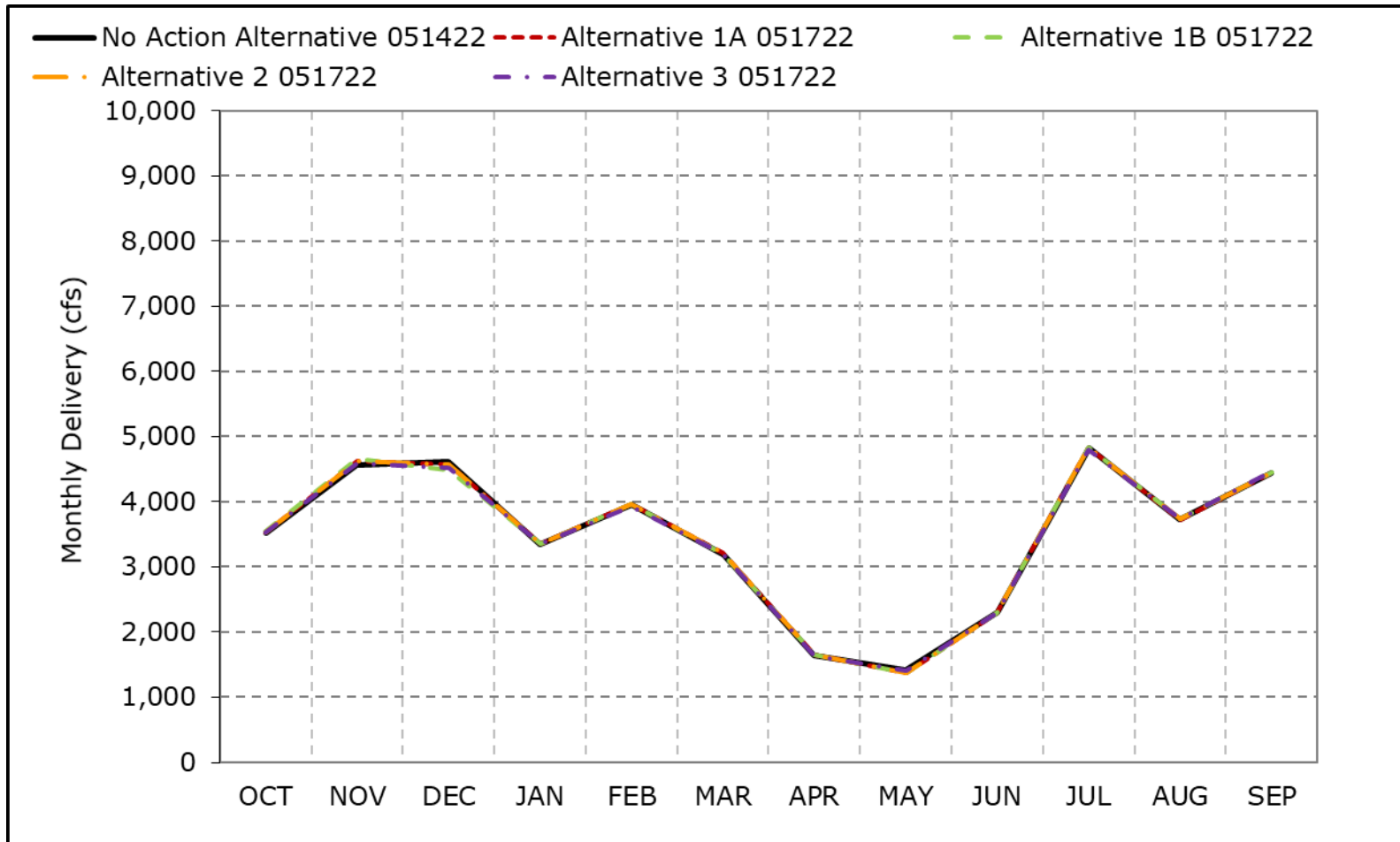
<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

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

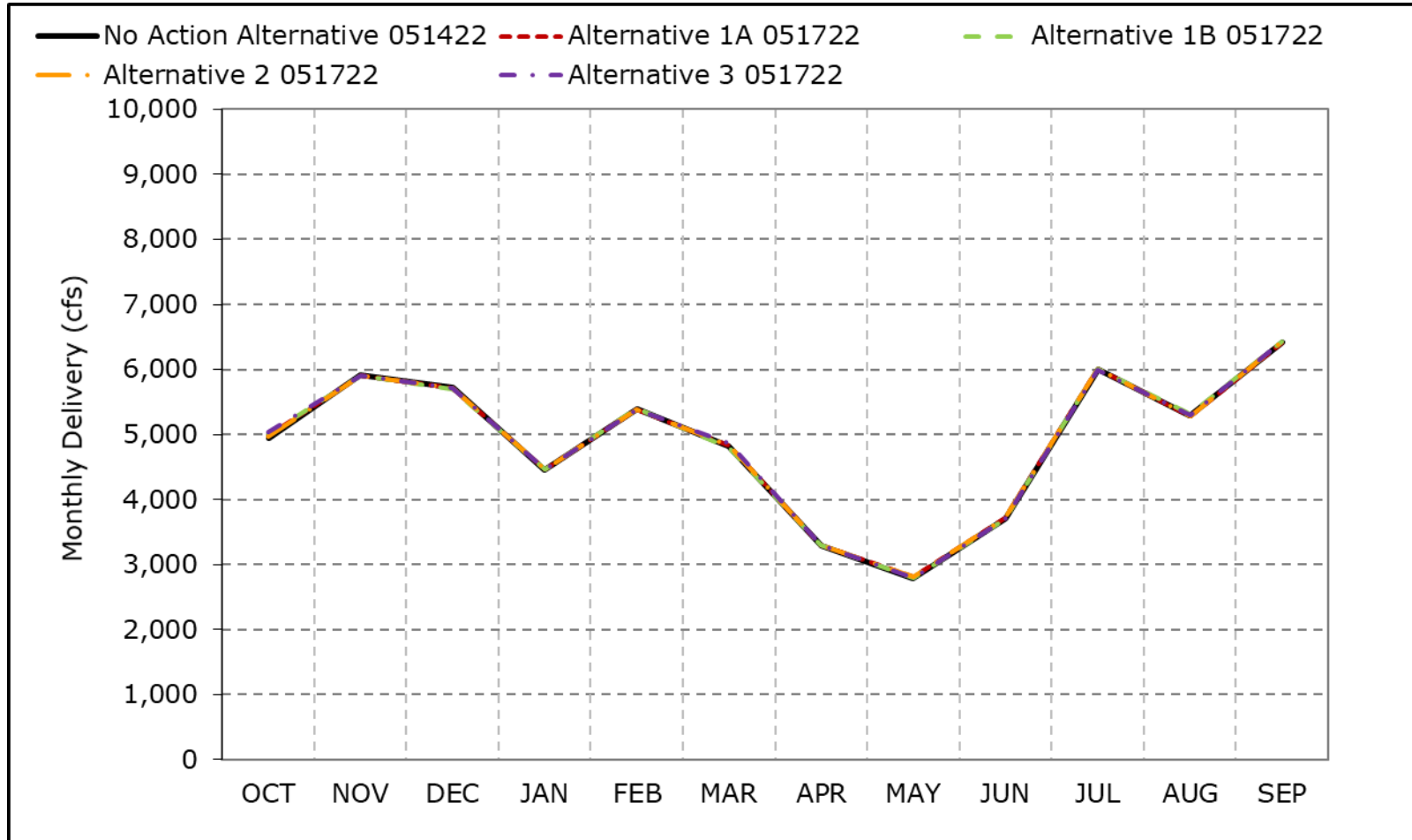


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

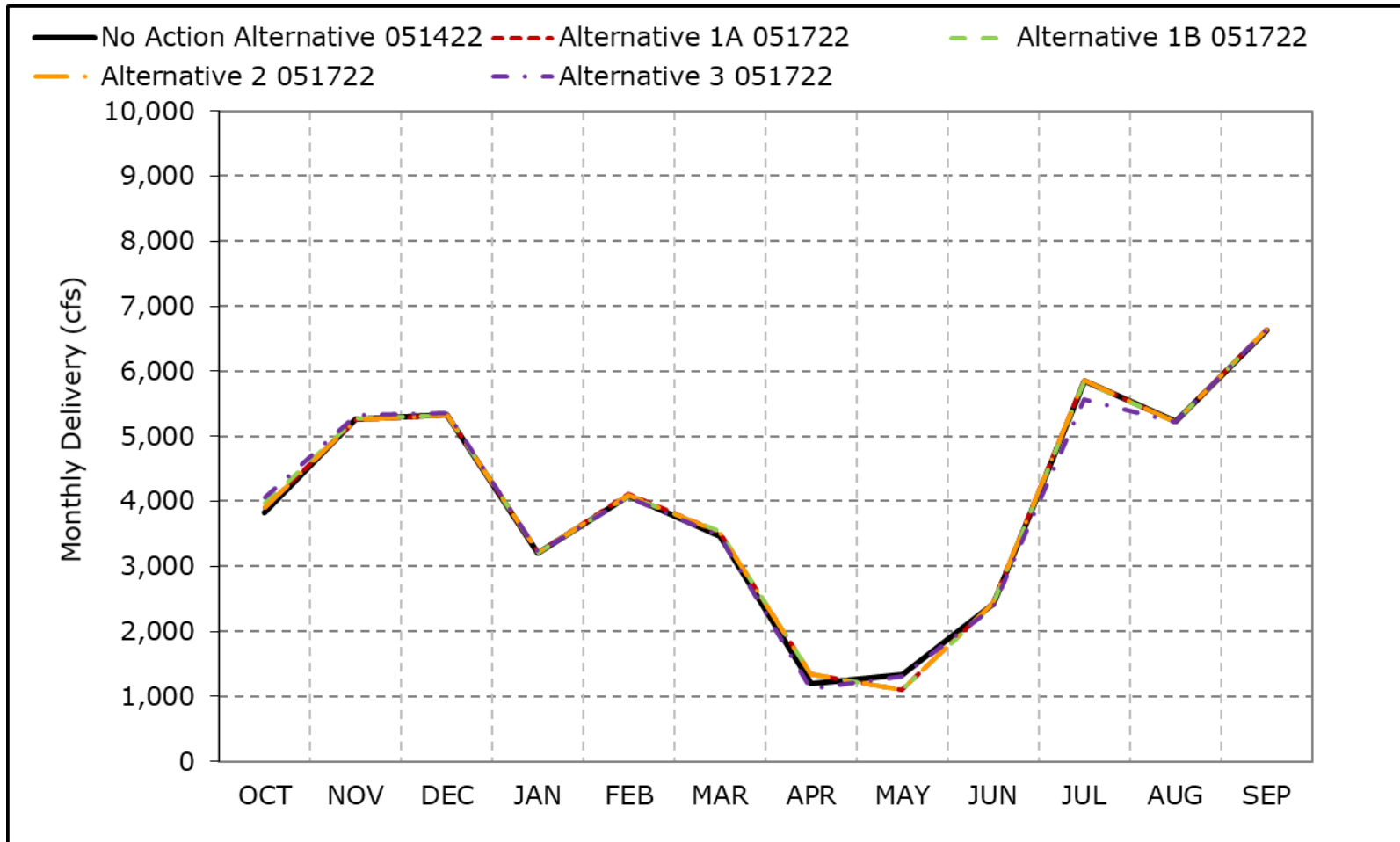


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

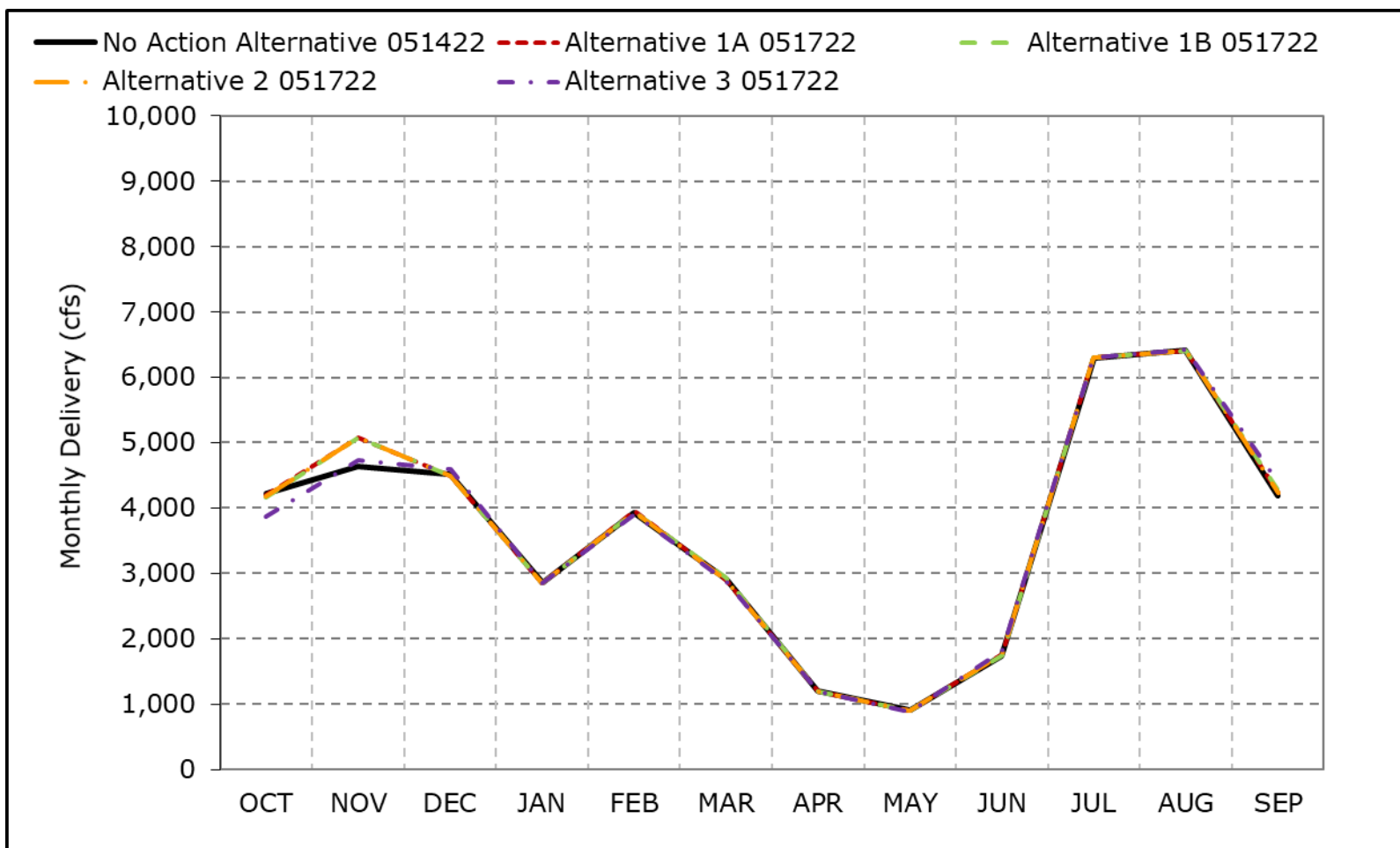


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

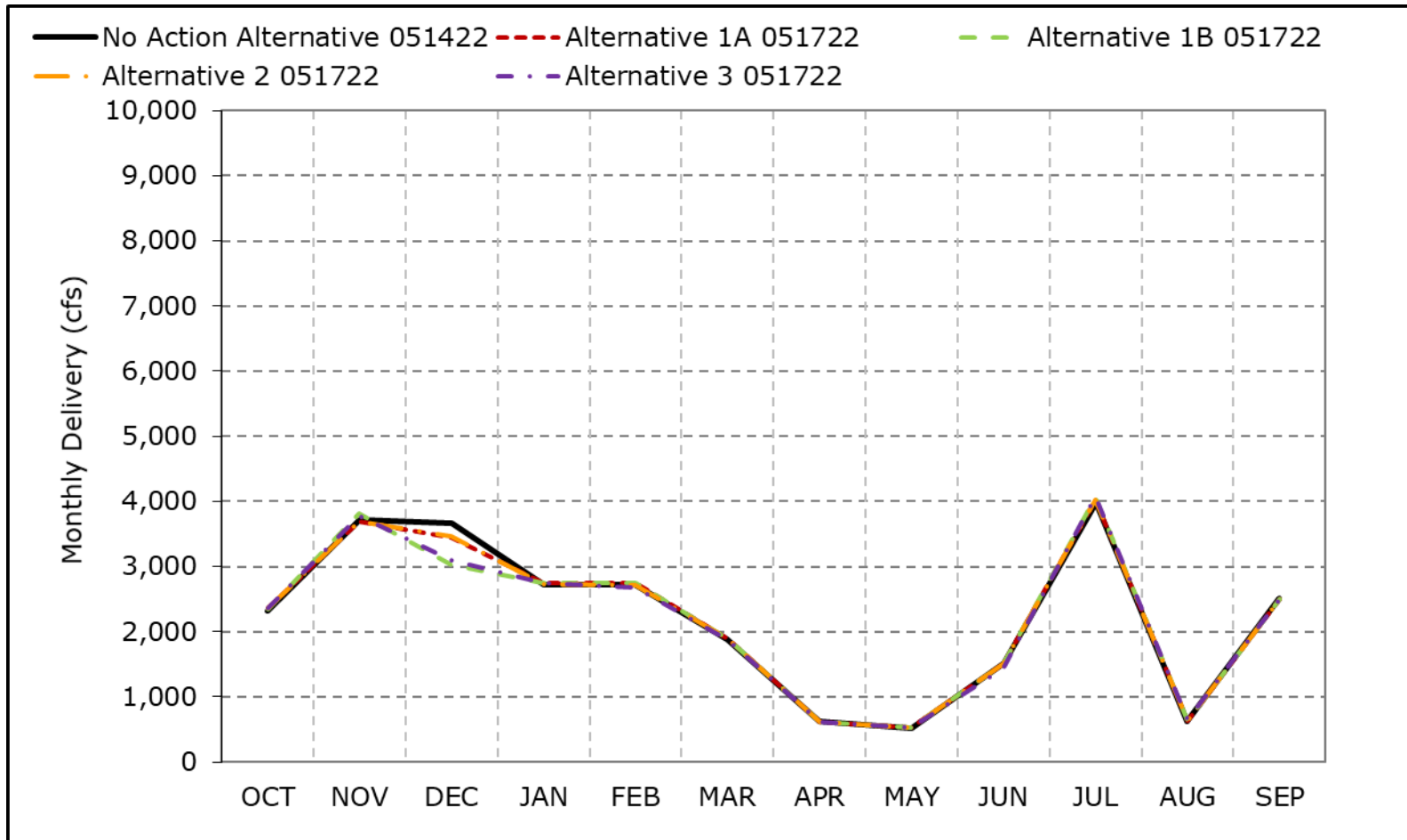


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

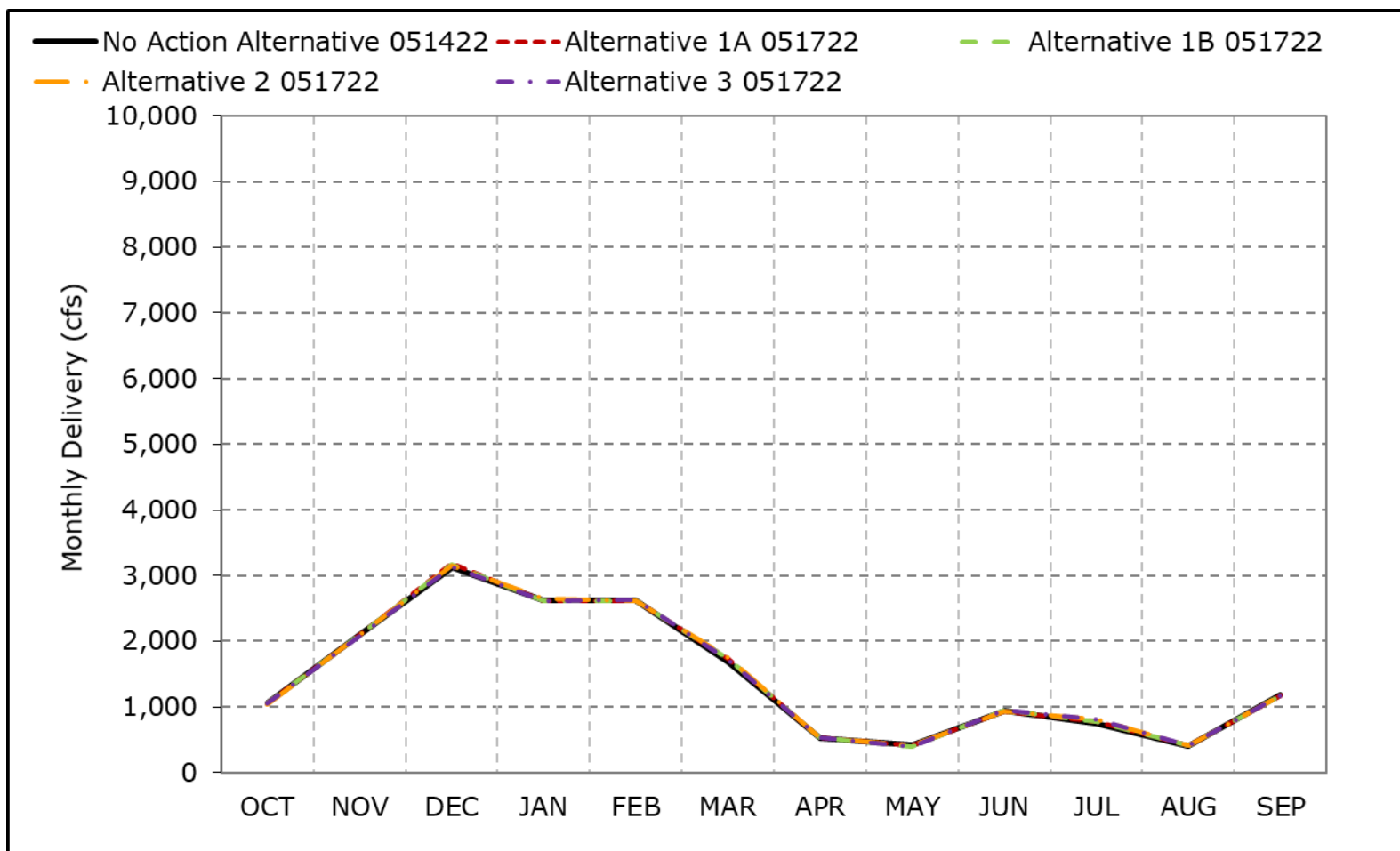


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



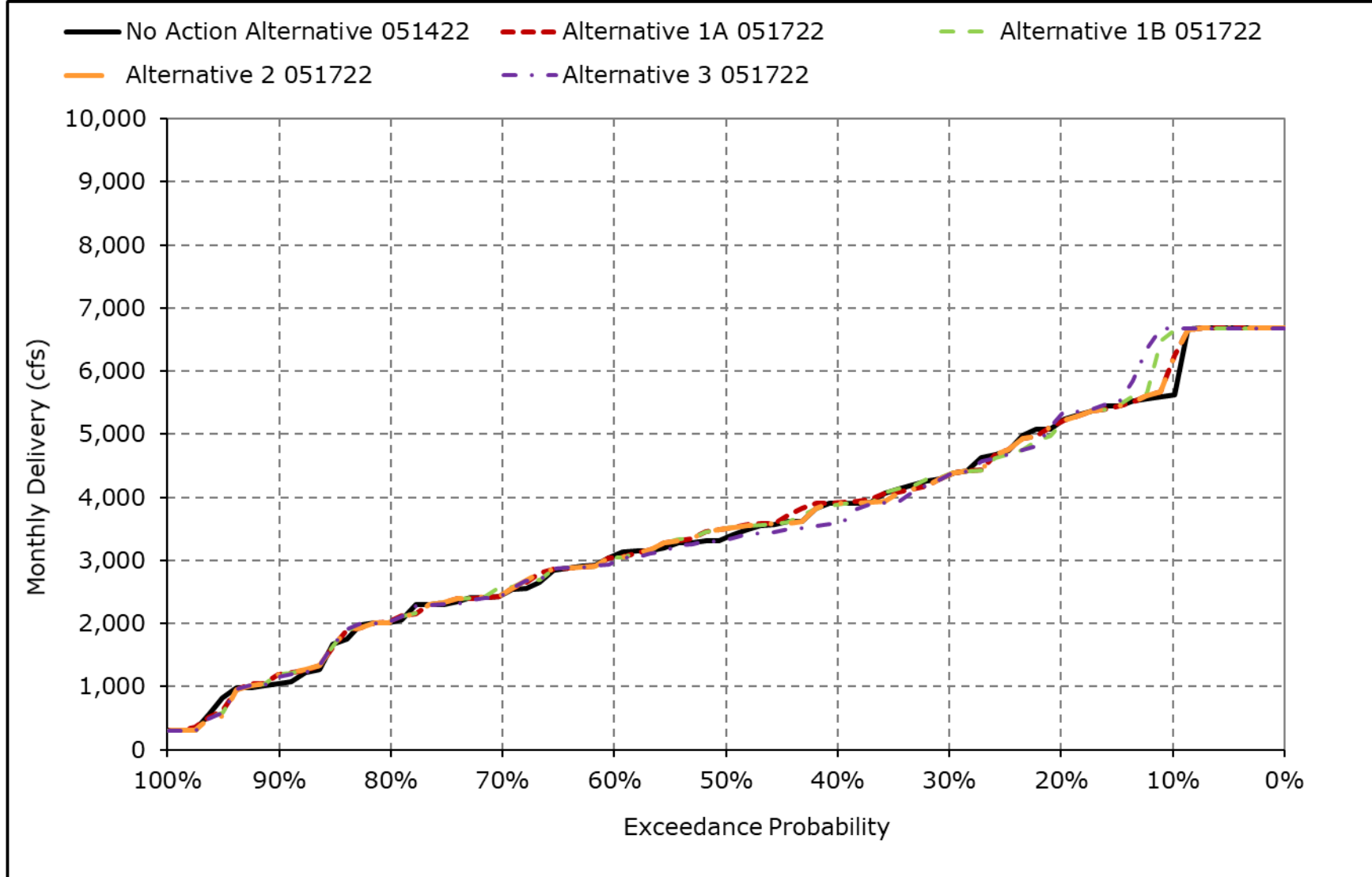
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

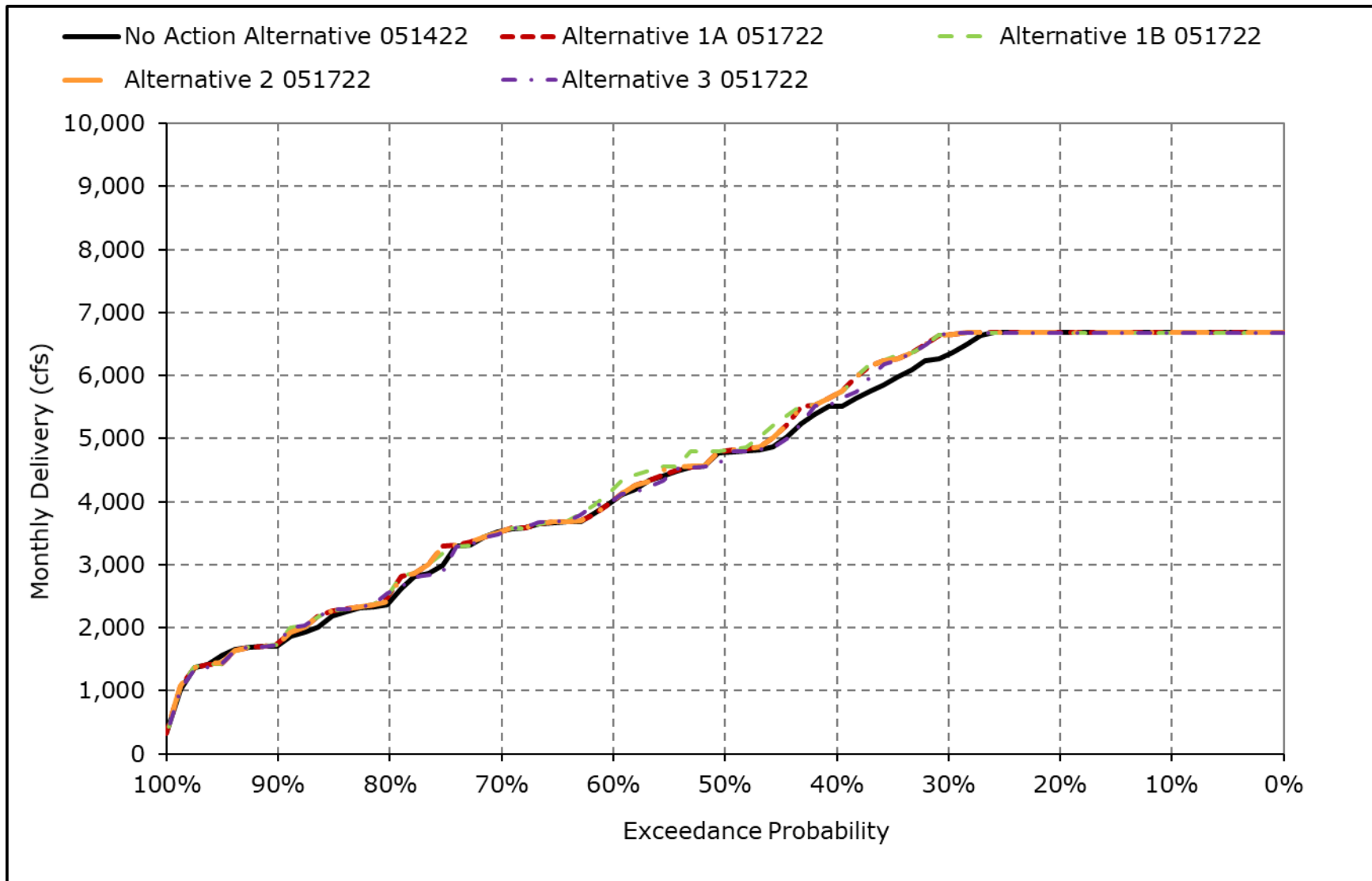


**Figure 5B4-3-7. SWP Banks PP Exports, October**



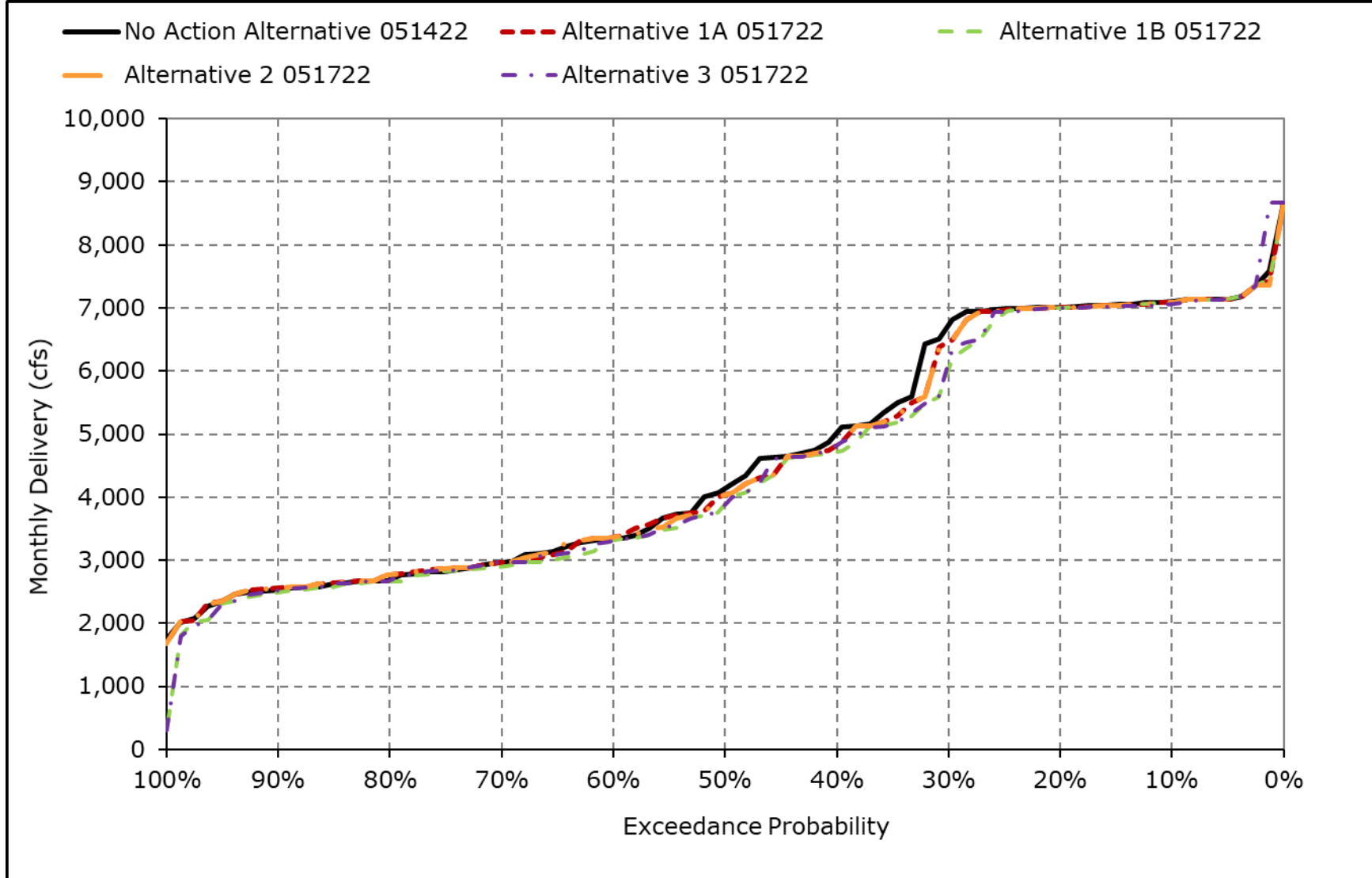
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



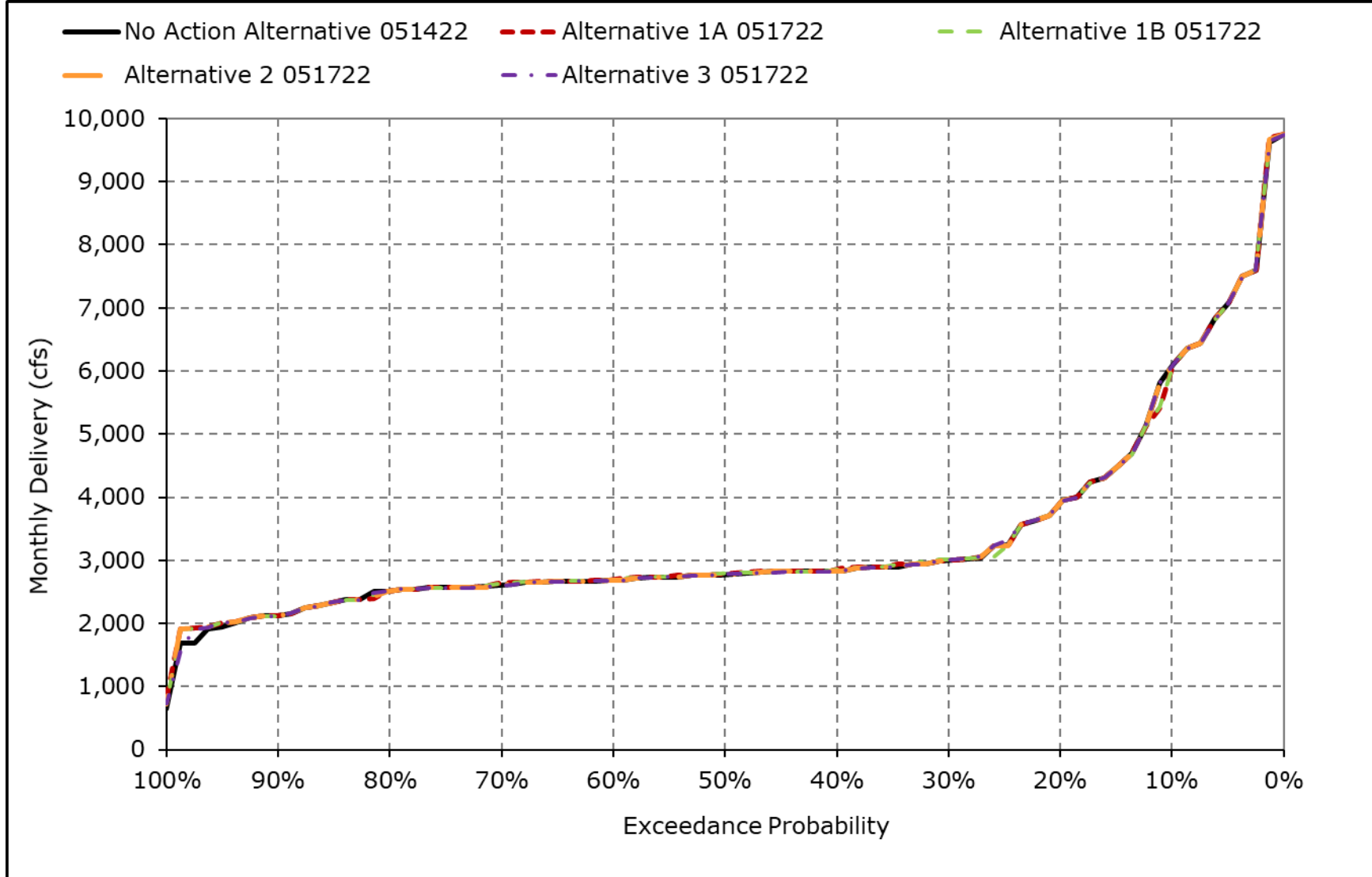
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



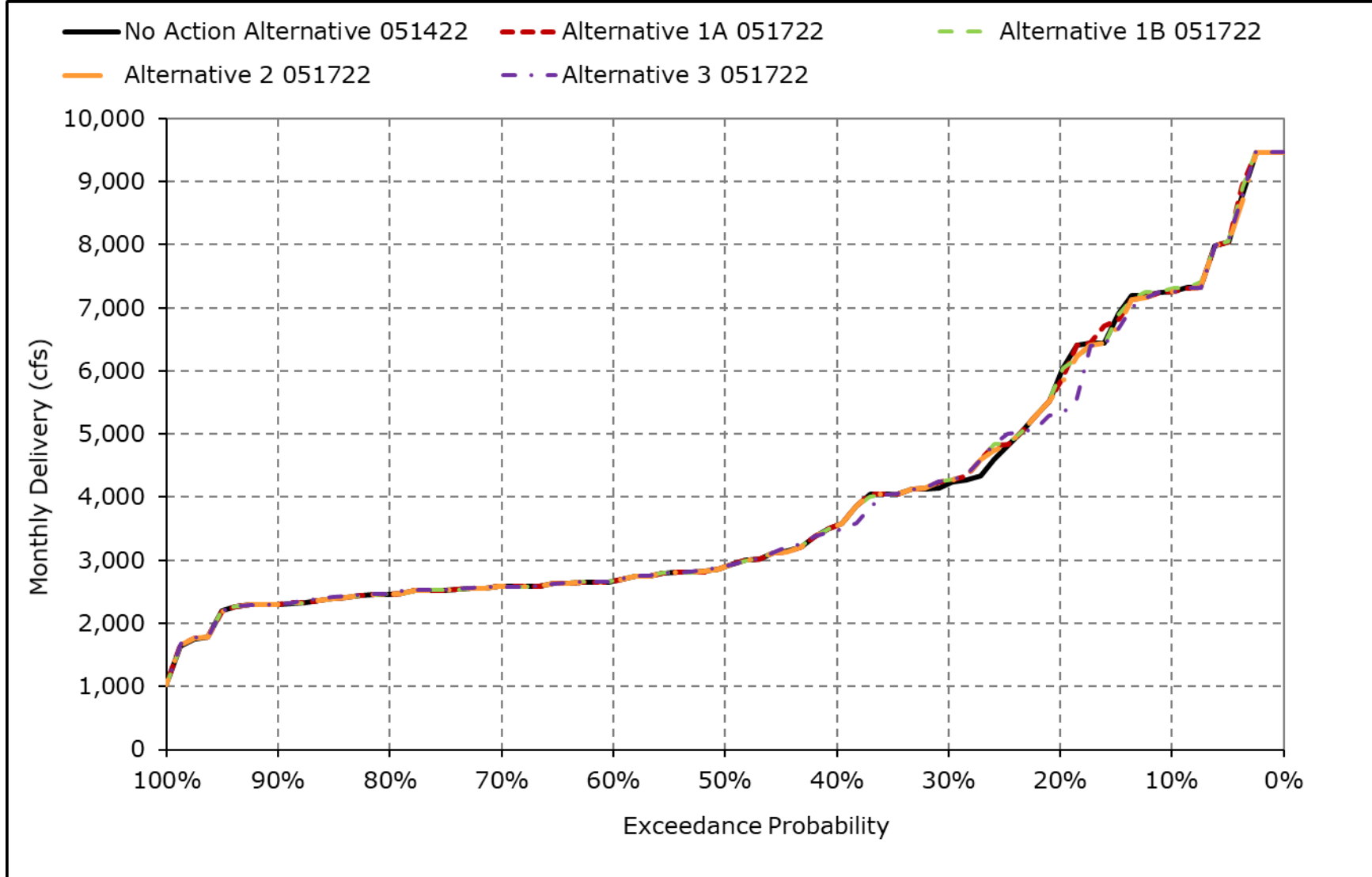
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



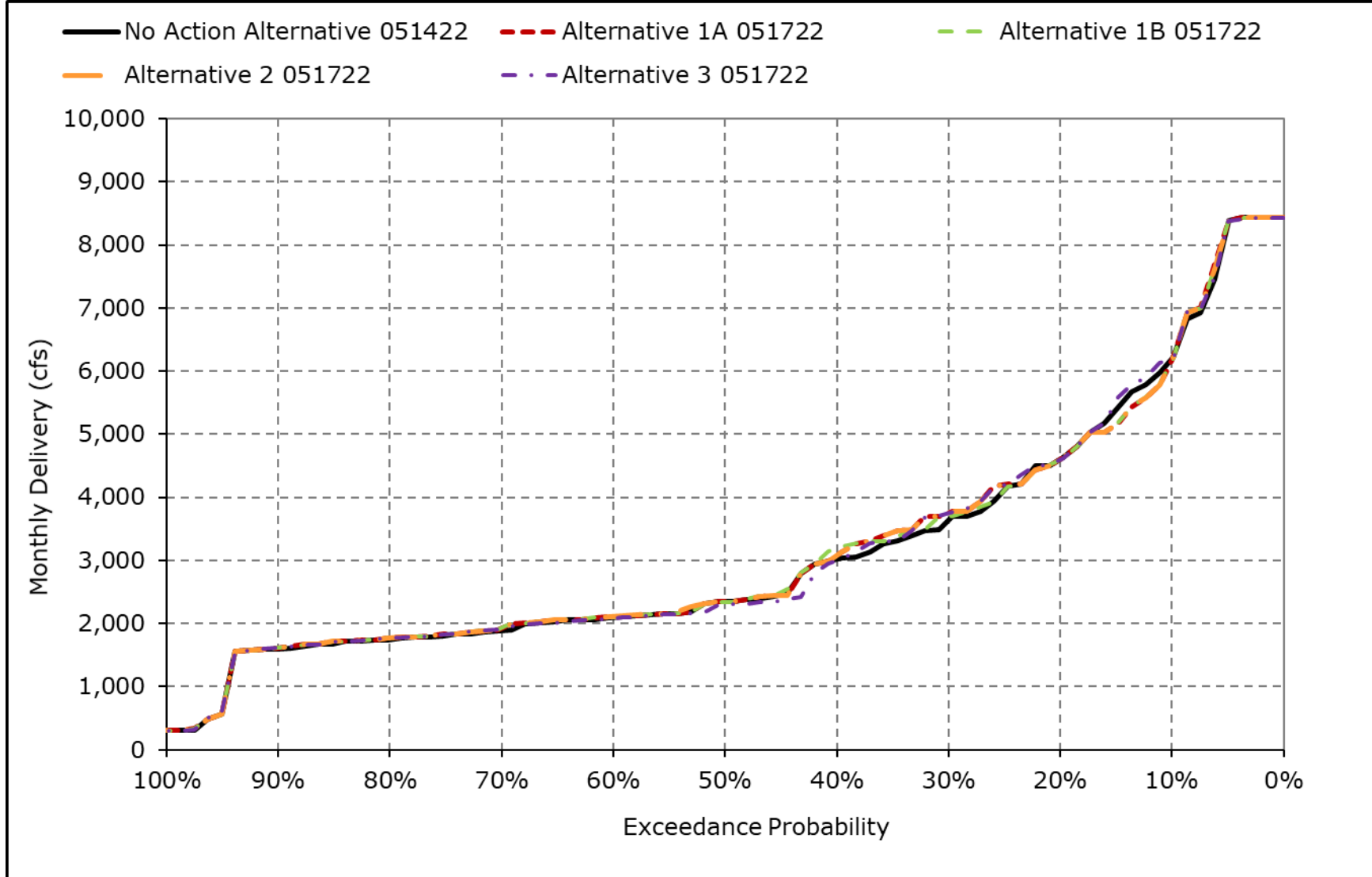
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



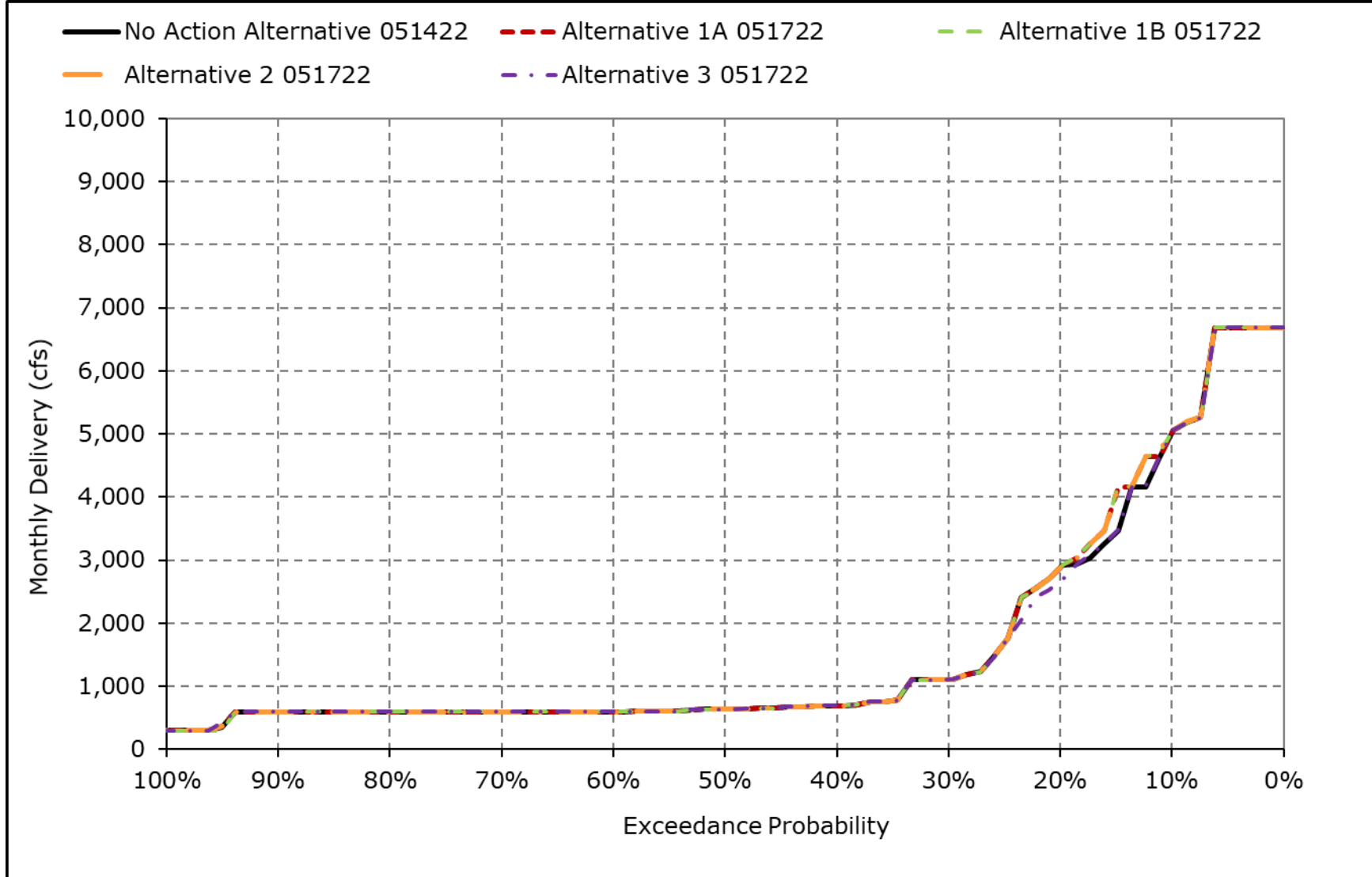
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



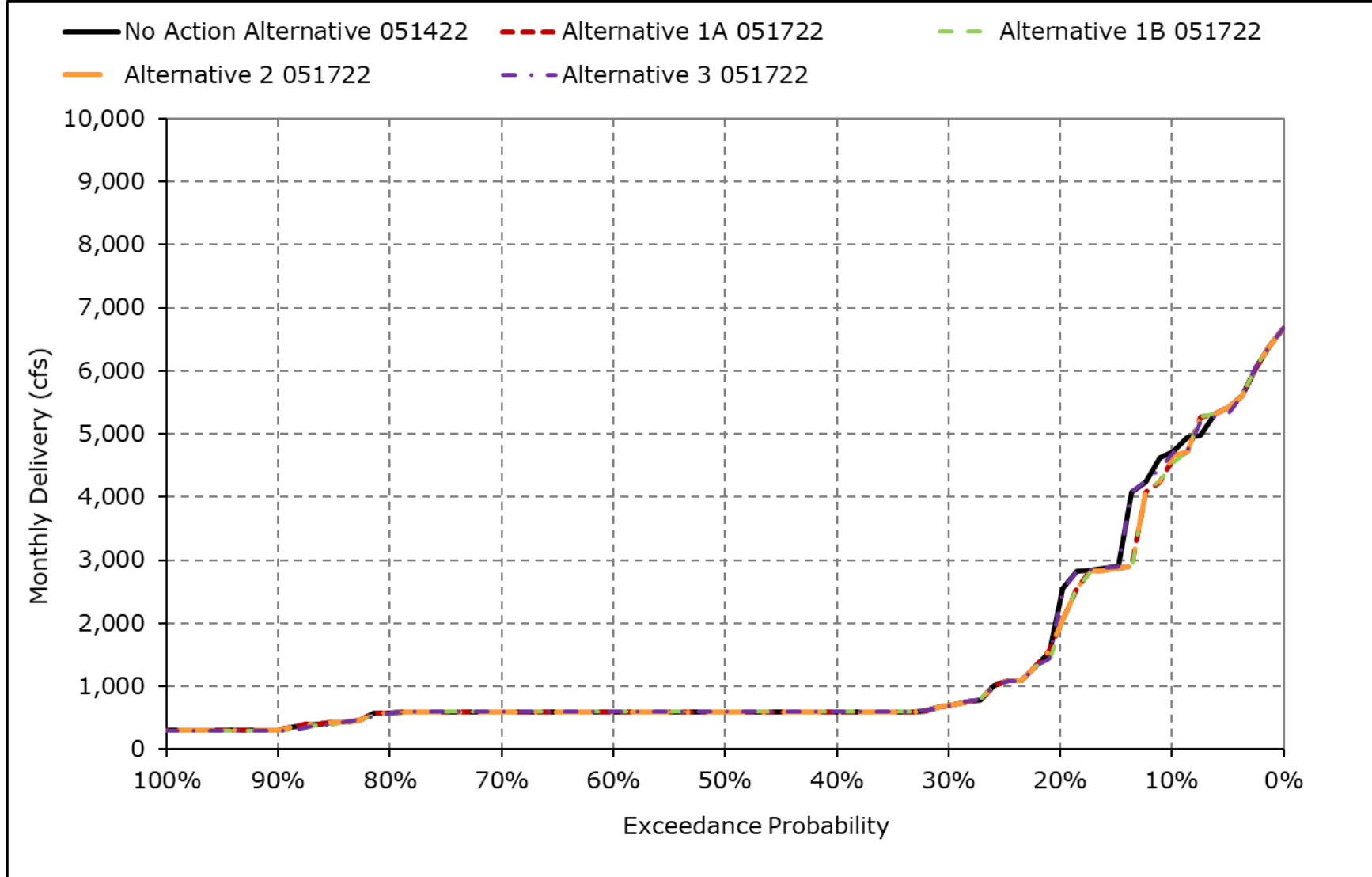
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

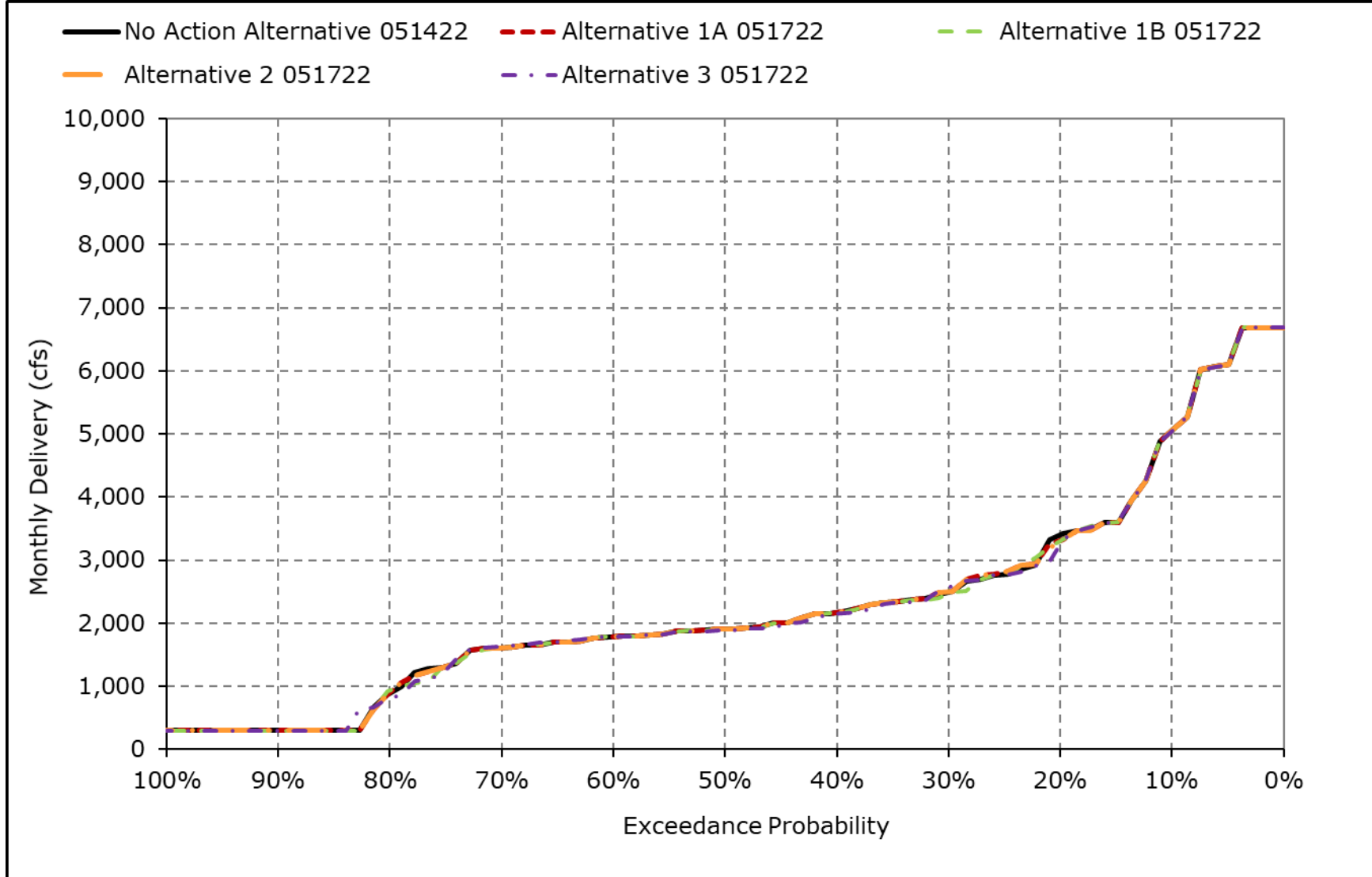
**Figure 5B4-3-14. SWP Banks PP Exports, May**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

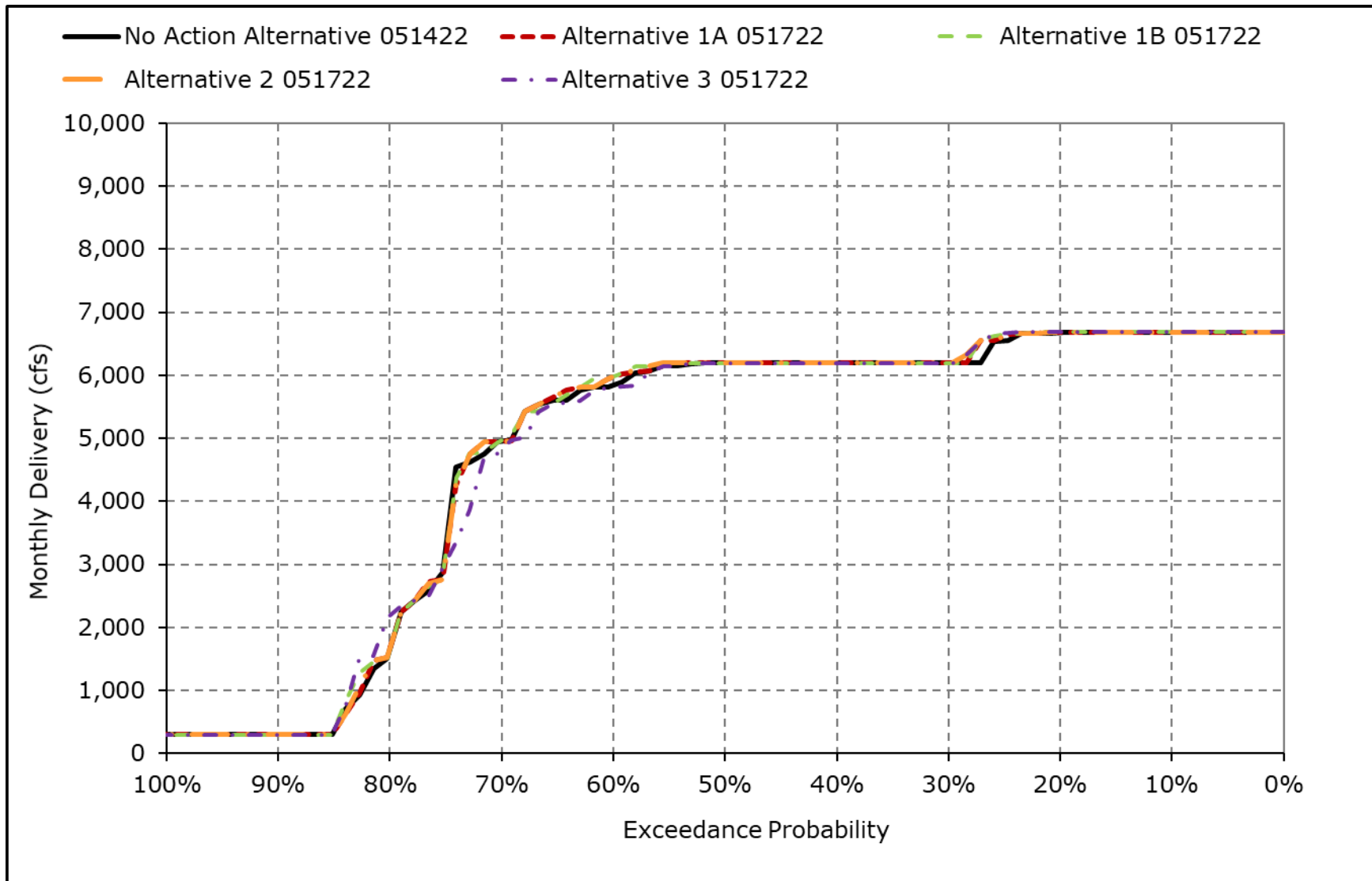


**Figure 5B4-3-15. SWP Banks PP Exports, June**



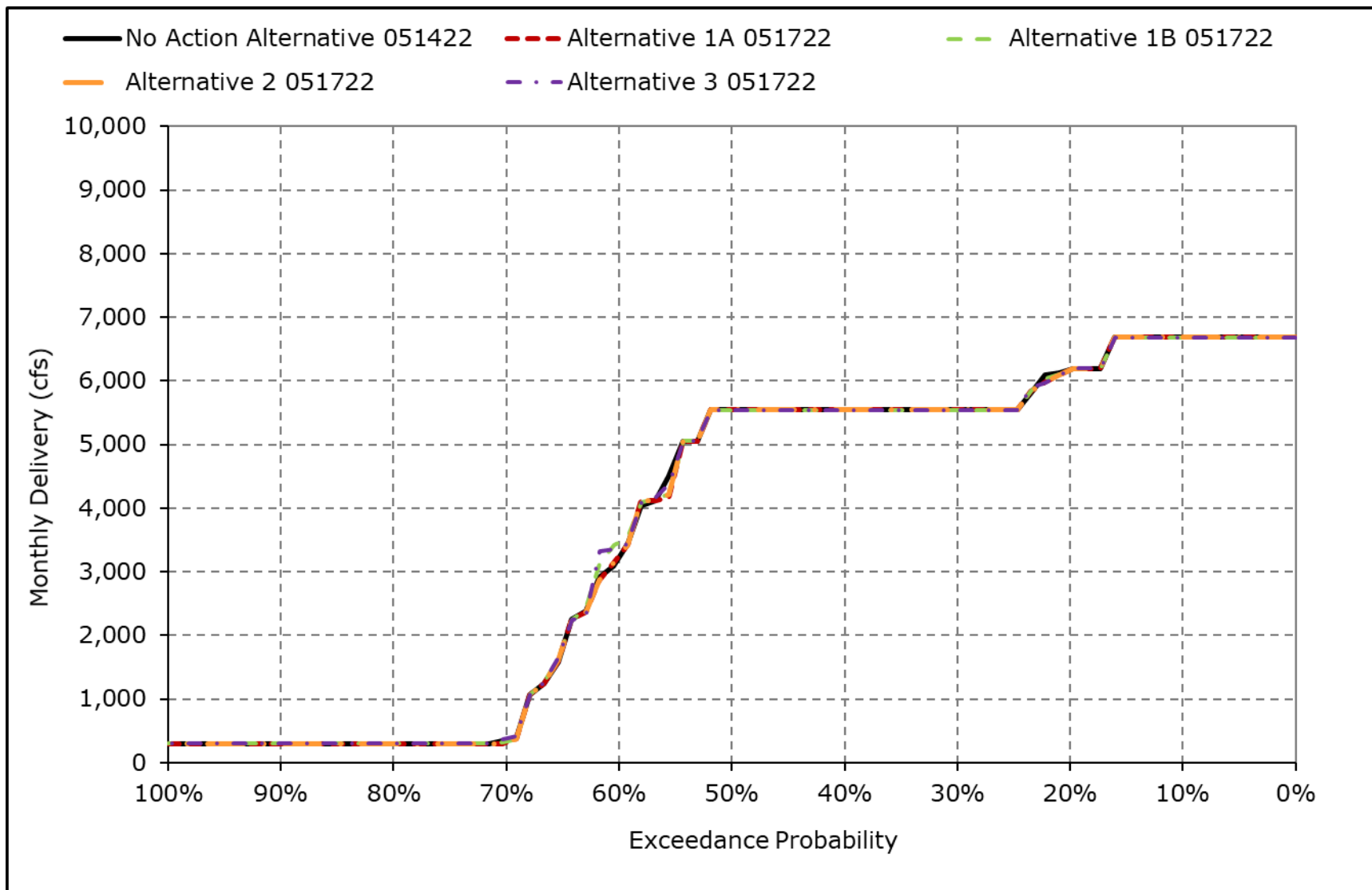
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



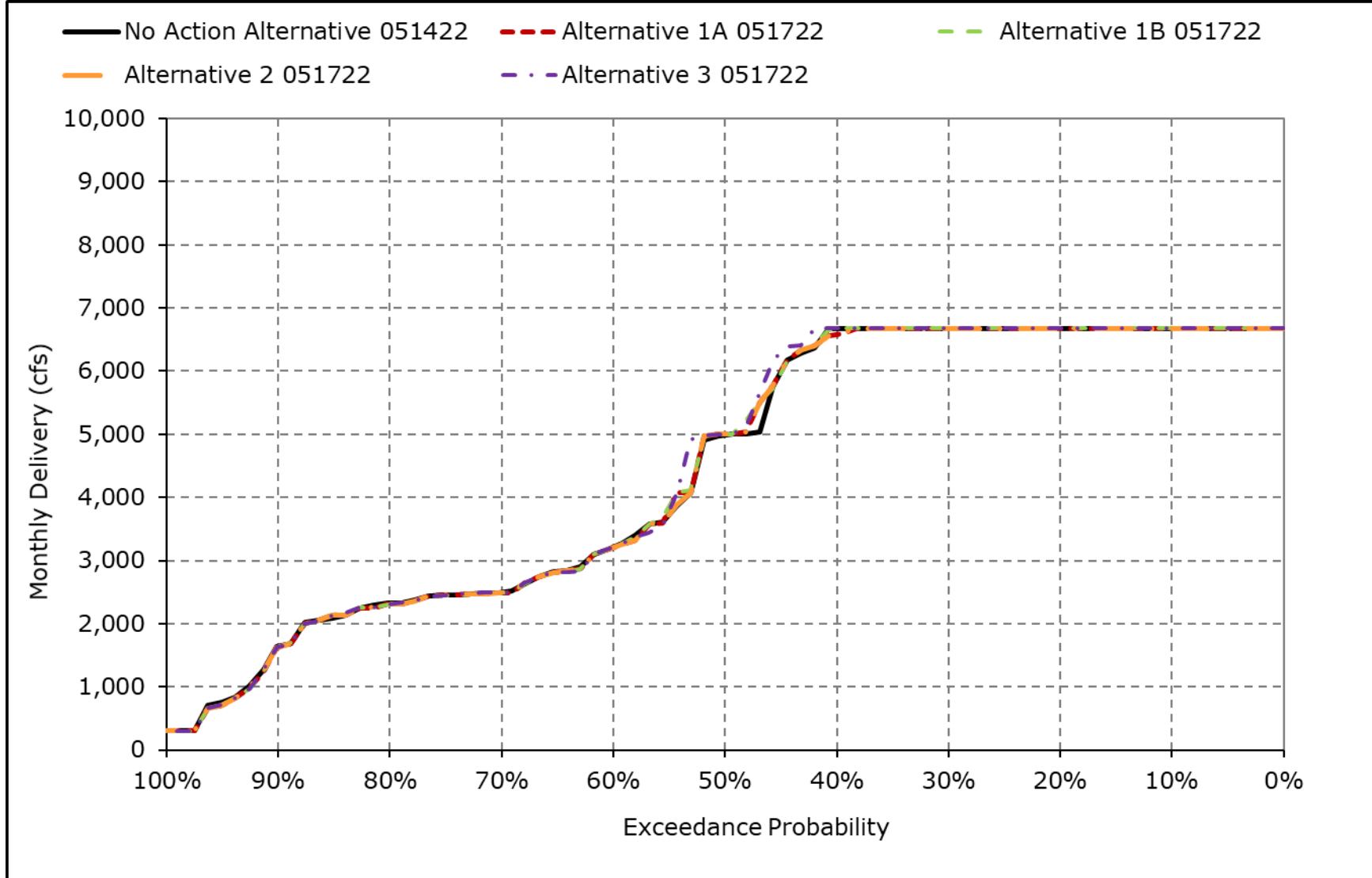
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Table 5B4-4-1a. CVP Banks PP Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,766	499	0	0	0	0	0	0	616	739	721
20% Exceedance	0	393	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
<b>Full Simulation Period Average<sup>a</sup></b>	71	327	139	0	40	0	0	0	0	122	129	149
<b>Wet Water Years (32%)</b>	0	684	334	0	66	0	0	0	0	50	0	0
<b>Above Normal Water Years (15%)</b>	148	737	131	0	0	0	0	0	0	0	0	0
<b>Below Normal Water Years (17%)</b>	287	11	43	0	114	0	0	0	0	114	104	872
<b>Dry Water Years (22%)</b>	0	0	31	0	0	0	0	0	0	285	508	0
<b>Critical Water Years (15%)</b>	0	0	1	0	0	0	0	0	0	167	0	0

**Table 5B4-4-1b. CVP Banks PP Exports, Alternative 1A 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,763	519	0	0	0	0	0	0	599	731	753
20% Exceedance	0	398	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
<b>Full Simulation Period Average<sup>a</sup></b>	73	326	140	0	39	0	0	0	0	120	128	147
<b>Wet Water Years (32%)</b>	0	682	338	0	62	0	0	0	0	50	0	0
<b>Above Normal Water Years (15%)</b>	148	740	132	0	0	0	0	0	0	0	0	0
<b>Below Normal Water Years (17%)</b>	303	11	43	0	113	0	0	0	0	114	102	860
<b>Dry Water Years (22%)</b>	0	0	31	0	0	0	0	0	0	251	504	0
<b>Critical Water Years (15%)</b>	0	0	0	0	0	0	0	0	0	202	0	0

**Table 5B4-4-1c. CVP Banks PP Exports, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	-3	21	0	0	0	0	0	0	-17	-7	32
20% Exceedance	0	4	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
<b>Full Simulation Period Average<sup>a</sup></b>	3	0	1	0	-1	0	0	0	0	-2	-1	-2
<b>Wet Water Years (32%)</b>	0	-2	4	0	-4	0	0	0	0	0	0	0
<b>Above Normal Water Years (15%)</b>	0	3	0	0	0	0	0	0	0	0	0	0
<b>Below Normal Water Years (17%)</b>	16	0	0	0	0	0	0	0	0	1	-2	-12
<b>Dry Water Years (22%)</b>	0	0	0	0	0	0	0	0	0	-34	-4	0
<b>Critical Water Years (15%)</b>	0	0	0	0	0	0	0	0	0	35	0	0

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-4-2a. CVP Banks PP Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,766	499	0	0	0	0	0	0	616	739	721
20% Exceedance	0	393	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
<b>Full Simulation Period Average<sup>a</sup></b>	71	327	139	0	40	0	0	0	0	122	129	149
<b>Wet Water Years (32%)</b>	0	684	334	0	66	0	0	0	0	50	0	0
<b>Above Normal Water Years (15%)</b>	148	737	131	0	0	0	0	0	0	0	0	0
<b>Below Normal Water Years (17%)</b>	287	11	43	0	114	0	0	0	0	114	104	872
<b>Dry Water Years (22%)</b>	0	0	31	0	0	0	0	0	0	285	508	0
<b>Critical Water Years (15%)</b>	0	0	1	0	0	0	0	0	0	167	0	0

**Table 5B4-4-2b. CVP Banks PP Exports, Alternative 1B 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,761	326	0	0	0	0	0	0	585	835	768
20% Exceedance	0	353	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
<b>Full Simulation Period Average<sup>a</sup></b>	73	326	137	0	39	0	0	0	0	119	149	148
<b>Wet Water Years (32%)</b>	0	682	348	0	62	0	0	0	0	74	0	0
<b>Above Normal Water Years (15%)</b>	148	738	132	0	0	0	0	0	0	0	0	0
<b>Below Normal Water Years (17%)</b>	303	11	45	0	113	0	0	0	0	117	101	864
<b>Dry Water Years (22%)</b>	0	0	0	0	0	0	0	0	0	247	601	0
<b>Critical Water Years (15%)</b>	0	0	0	0	0	0	0	0	0	148	0	0

**Table 5B4-4-2c. CVP Banks PP Exports, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	-5	-173	0	0	0	0	0	0	-31	96	47
20% Exceedance	0	-40	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
<b>Full Simulation Period Average<sup>a</sup></b>	3	-1	-2	0	-1	0	0	0	0	-3	20	-1
<b>Wet Water Years (32%)</b>	0	-2	14	0	-4	0	0	0	0	24	0	0
<b>Above Normal Water Years (15%)</b>	0	0	0	0	0	0	0	0	0	0	0	0
<b>Below Normal Water Years (17%)</b>	16	0	2	0	0	0	0	0	0	3	-3	-8
<b>Dry Water Years (22%)</b>	0	0	-31	0	0	0	0	0	0	-38	94	0
<b>Critical Water Years (15%)</b>	0	0	0	0	0	0	0	0	0	-19	0	0

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-4-3a. CVP Banks PP Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,766	499	0	0	0	0	0	0	616	739	721
20% Exceedance	0	393	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
<b>Full Simulation Period Average<sup>a</sup></b>	71	327	139	0	40	0	0	0	0	122	129	149
<b>Wet Water Years (32%)</b>	0	684	334	0	66	0	0	0	0	50	0	0
<b>Above Normal Water Years (15%)</b>	148	737	131	0	0	0	0	0	0	0	0	0
<b>Below Normal Water Years (17%)</b>	287	11	43	0	114	0	0	0	0	114	104	872
<b>Dry Water Years (22%)</b>	0	0	31	0	0	0	0	0	0	285	508	0
<b>Critical Water Years (15%)</b>	0	0	1	0	0	0	0	0	0	167	0	0

**Table 5B4-4-3b. CVP Banks PP Exports, Alternative 2 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,763	520	0	0	0	0	0	0	350	729	752
20% Exceedance	0	398	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
<b>Full Simulation Period Average<sup>a</sup></b>	73	326	140	0	39	0	0	0	0	112	131	148
<b>Wet Water Years (32%)</b>	0	682	338	0	62	0	0	0	0	50	0	0
<b>Above Normal Water Years (15%)</b>	148	741	131	0	0	0	0	0	0	0	0	0
<b>Below Normal Water Years (17%)</b>	303	11	41	0	113	0	0	0	0	112	102	866
<b>Dry Water Years (22%)</b>	0	0	31	0	0	0	0	0	0	251	504	1
<b>Critical Water Years (15%)</b>	0	0	0	0	0	0	0	0	0	146	22	0

**Table 5B4-4-3c. CVP Banks PP Exports, Alternative 2 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	-3	21	0	0	0	0	0	0	-266	-9	32
20% Exceedance	0	4	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
<b>Full Simulation Period Average<sup>a</sup></b>	3	0	1	0	-1	0	0	0	0	-11	2	-1
<b>Wet Water Years (32%)</b>	0	-2	4	0	-4	0	0	0	0	0	0	0
<b>Above Normal Water Years (15%)</b>	0	3	0	0	0	0	0	0	0	0	0	0
<b>Below Normal Water Years (17%)</b>	16	0	-2	0	0	0	0	0	0	-1	-2	-6
<b>Dry Water Years (22%)</b>	0	0	0	0	0	0	0	0	0	-34	-4	1
<b>Critical Water Years (15%)</b>	0	0	0	0	0	0	0	0	0	-21	22	0

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-4-4a. CVP Banks PP Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,766	499	0	0	0	0	0	0	616	739	721
20% Exceedance	0	393	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
<b>Full Simulation Period Average<sup>a</sup></b>	71	327	139	0	40	0	0	0	0	122	129	149
<b>Wet Water Years (32%)</b>	0	684	334	0	66	0	0	0	0	50	0	0
<b>Above Normal Water Years (15%)</b>	148	737	131	0	0	0	0	0	0	0	0	0
<b>Below Normal Water Years (17%)</b>	287	11	43	0	114	0	0	0	0	114	104	872
<b>Dry Water Years (22%)</b>	0	0	31	0	0	0	0	0	0	285	508	0
<b>Critical Water Years (15%)</b>	0	0	1	0	0	0	0	0	0	167	0	0

**Table 5B4-4-4b. CVP Banks PP Exports, Alternative 3 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,796	512	0	0	0	0	0	0	353	810	513
20% Exceedance	0	415	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
<b>Full Simulation Period Average<sup>a</sup></b>	80	342	127	0	38	0	0	0	0	125	149	130
<b>Wet Water Years (32%)</b>	0	683	347	0	62	0	0	0	0	74	0	0
<b>Above Normal Water Years (15%)</b>	148	824	12	0	0	0	0	0	0	0	0	0
<b>Below Normal Water Years (17%)</b>	341	27	49	0	106	0	0	0	0	126	99	762
<b>Dry Water Years (22%)</b>	0	0	31	0	0	0	0	0	0	273	587	0
<b>Critical Water Years (15%)</b>	0	0	0	0	0	0	0	0	0	138	22	0

**Table 5B4-4-4c. CVP Banks PP Exports, Alternative 3 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	30	13	0	0	0	0	0	0	-263	72	-208
20% Exceedance	0	22	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
<b>Full Simulation Period Average<sup>a</sup></b>	9	15	-12	0	-3	0	0	0	0	3	20	-19
<b>Wet Water Years (32%)</b>	0	-1	13	0	-4	0	0	0	0	24	0	0
<b>Above Normal Water Years (15%)</b>	0	86	-119	0	0	0	0	0	0	0	0	0
<b>Below Normal Water Years (17%)</b>	54	16	6	0	-8	0	0	0	0	12	-5	-110
<b>Dry Water Years (22%)</b>	0	0	0	0	0	0	0	0	0	-12	79	0
<b>Critical Water Years (15%)</b>	0	0	0	0	0	0	0	0	0	-29	22	0

<sup>a</sup> Based on the 82-year simulation period.

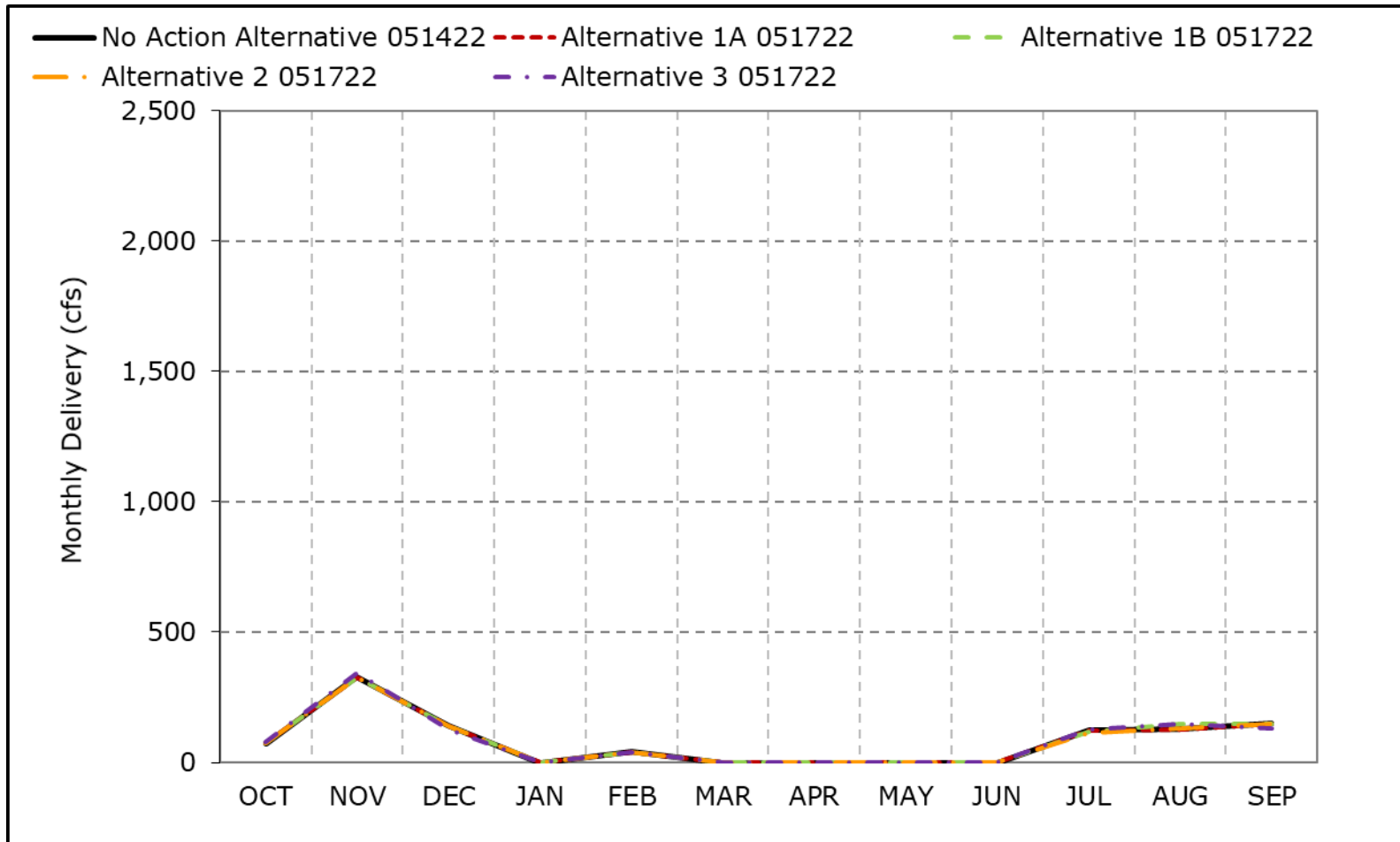
\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.



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

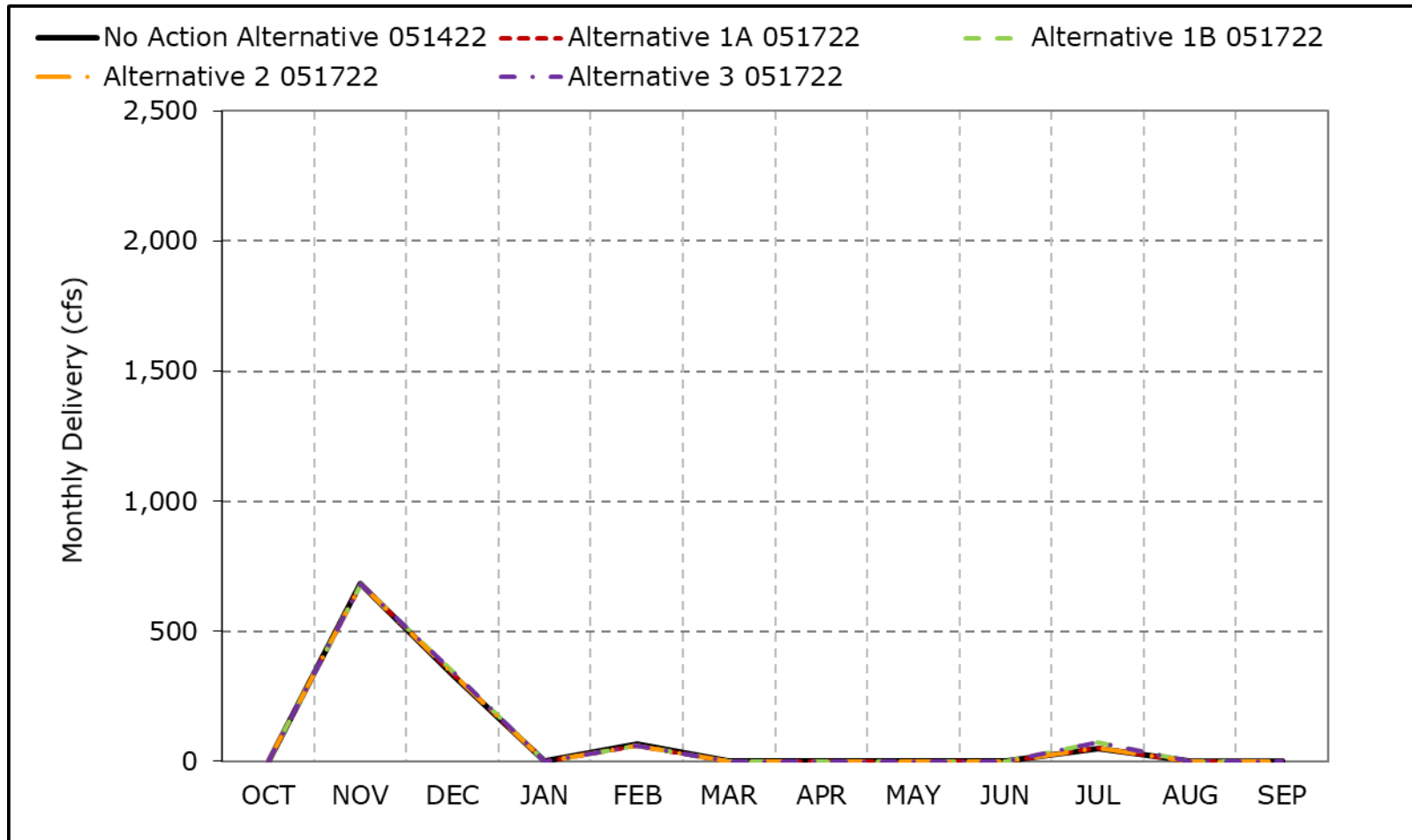


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

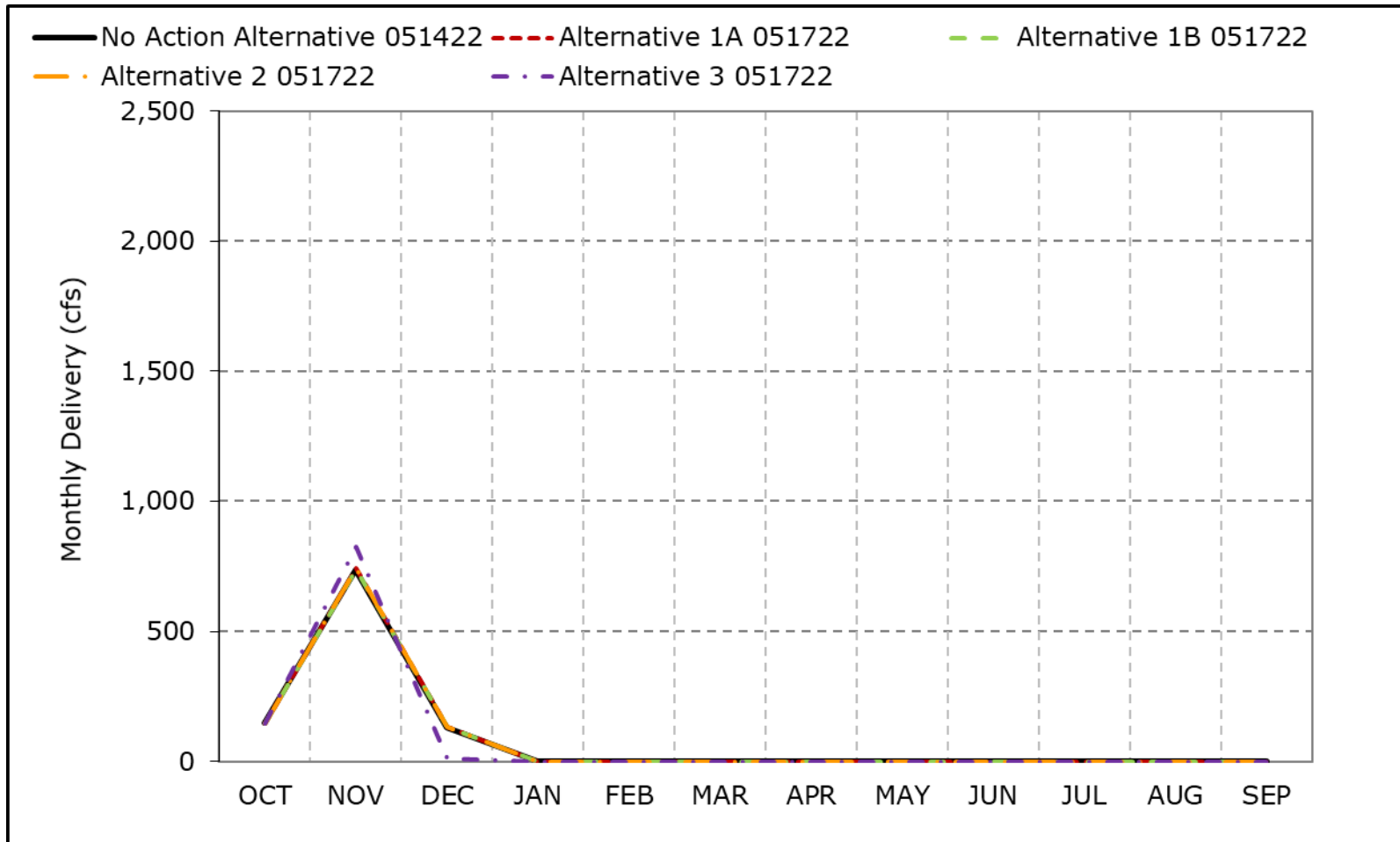


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

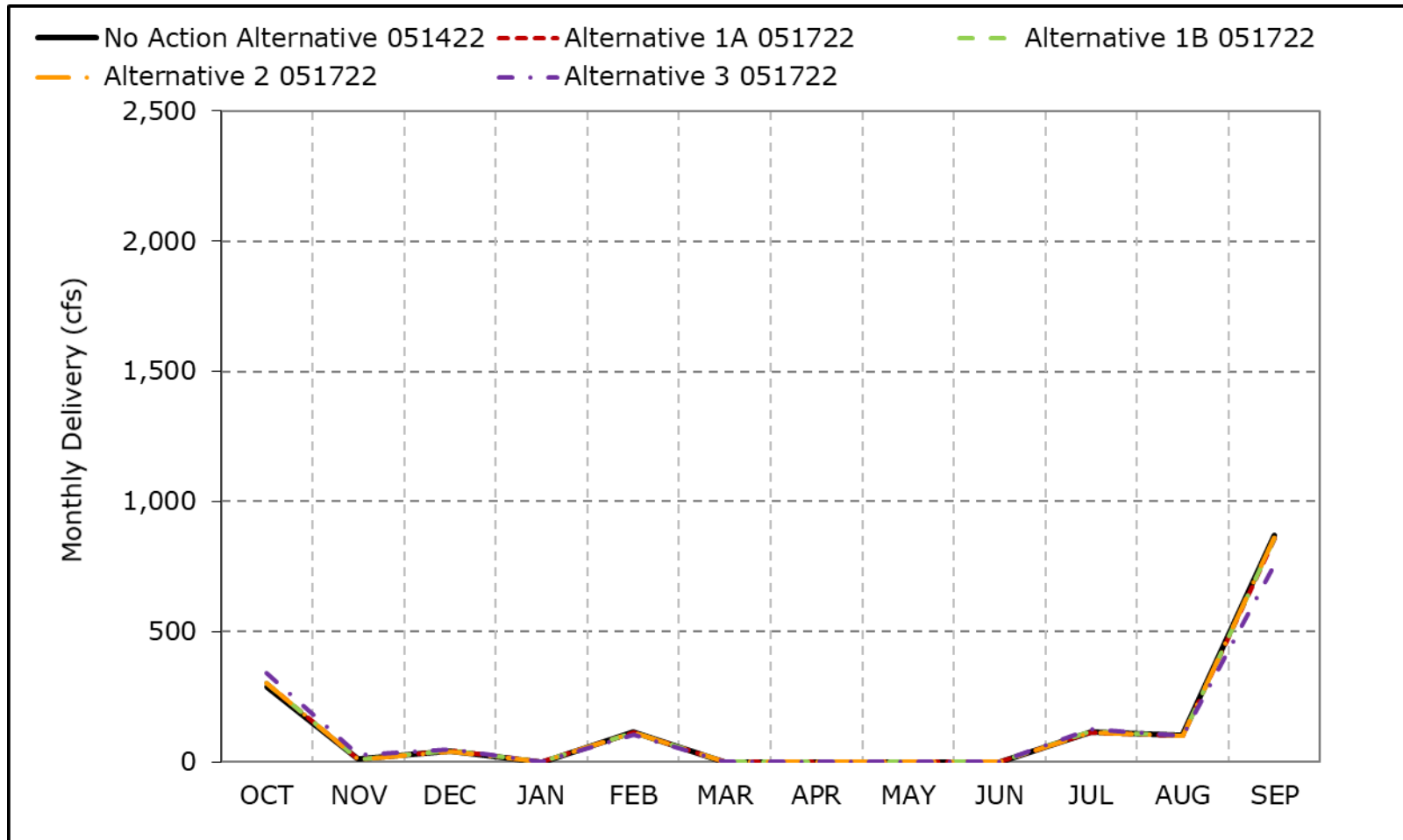


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

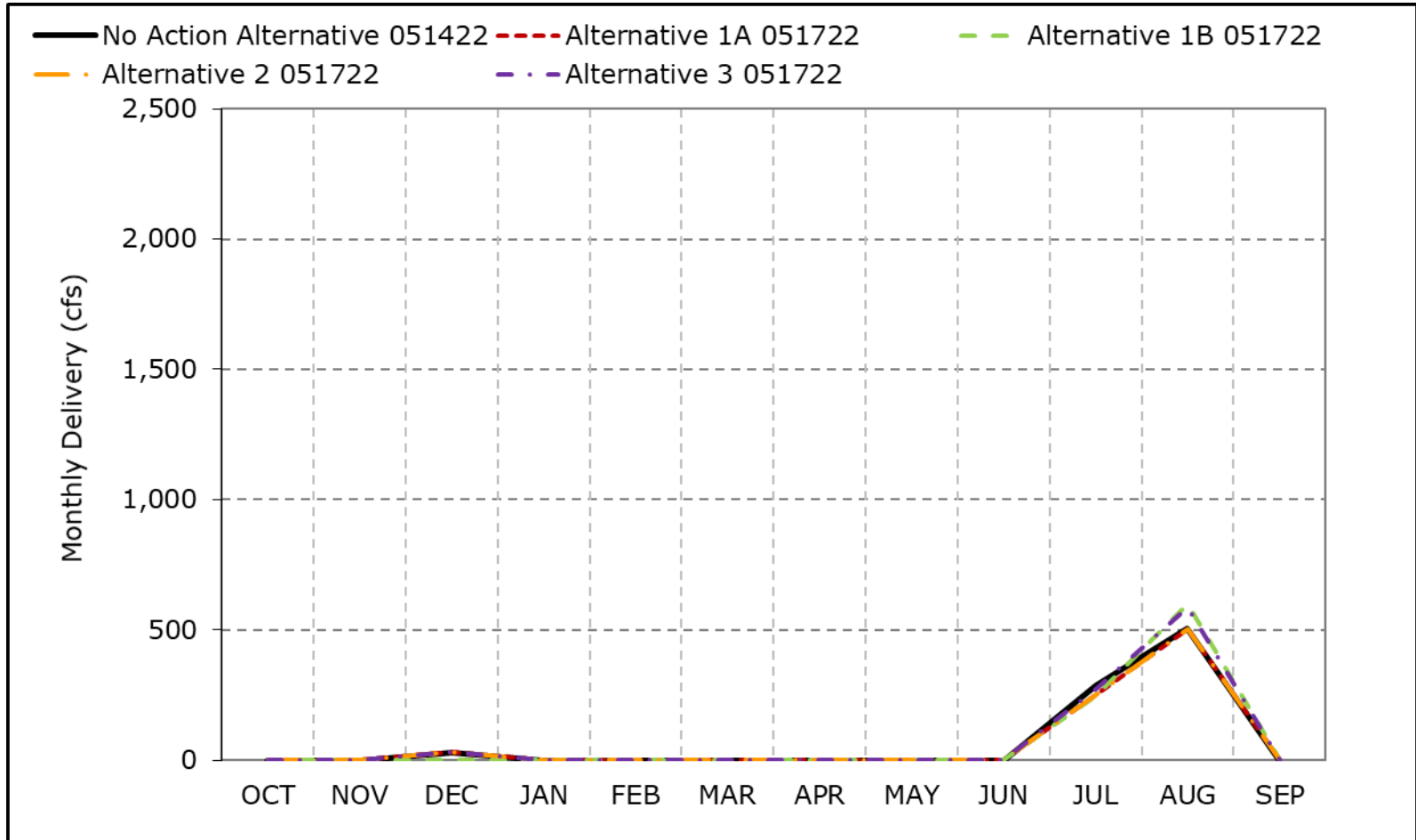


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

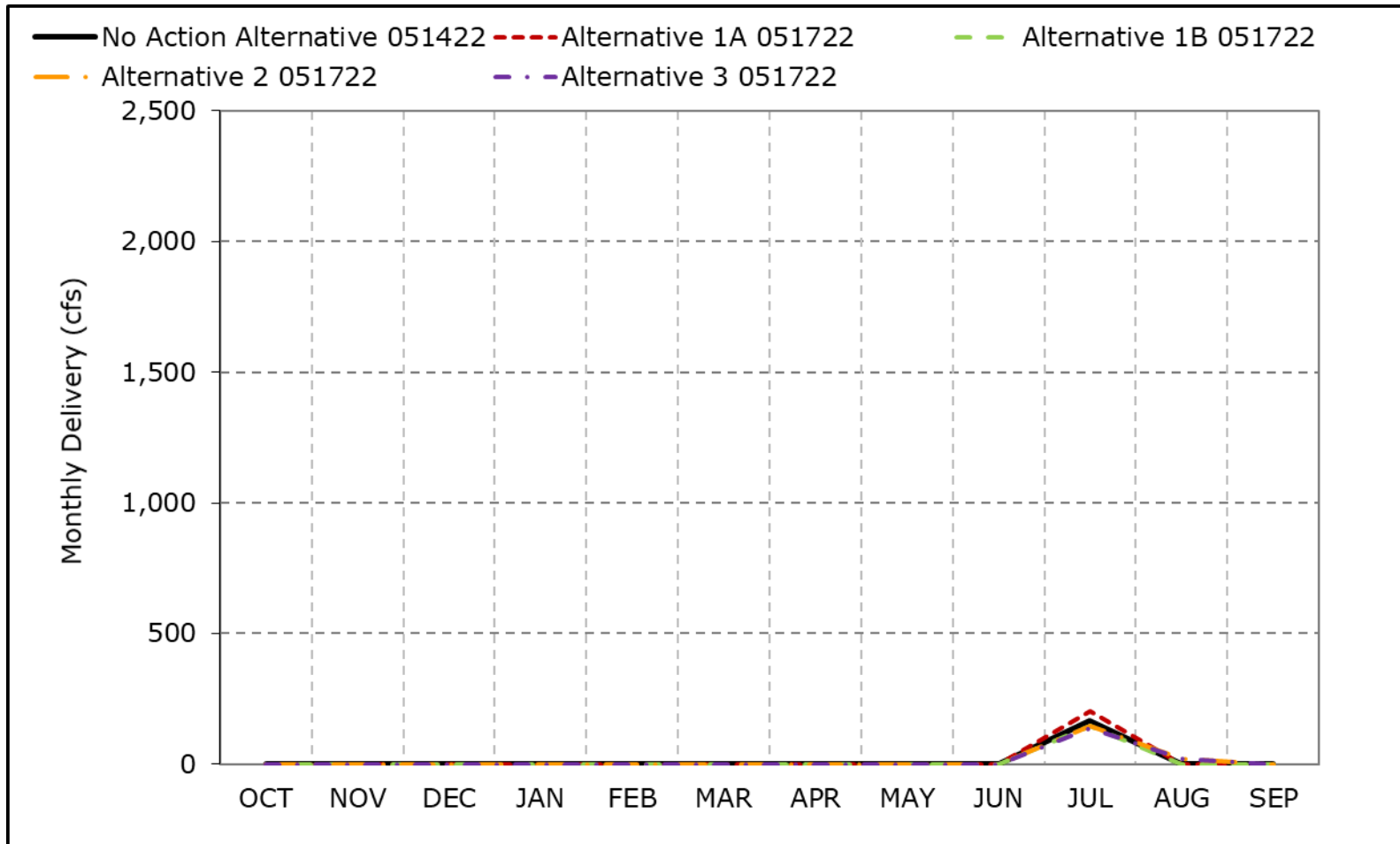


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

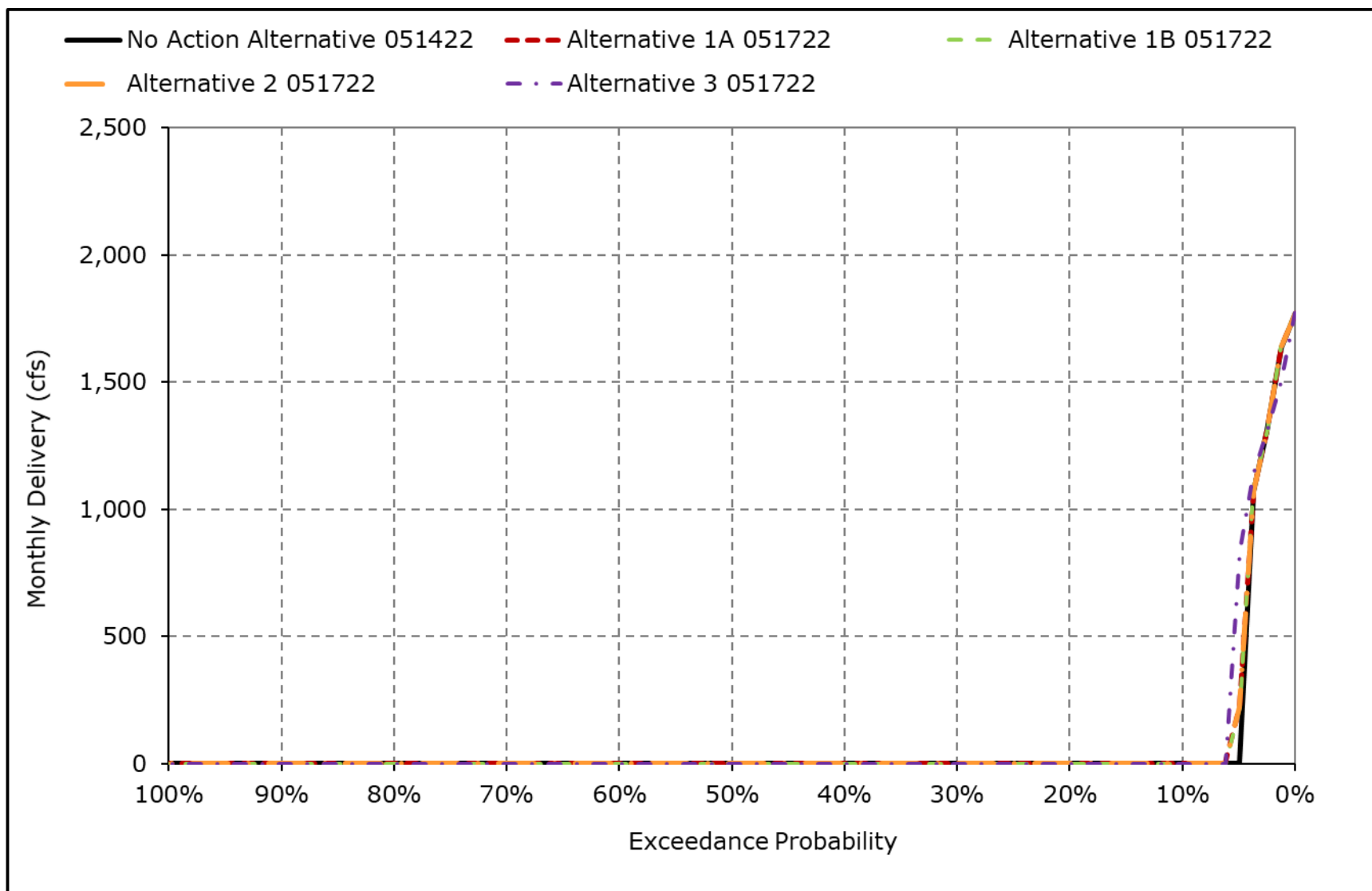


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

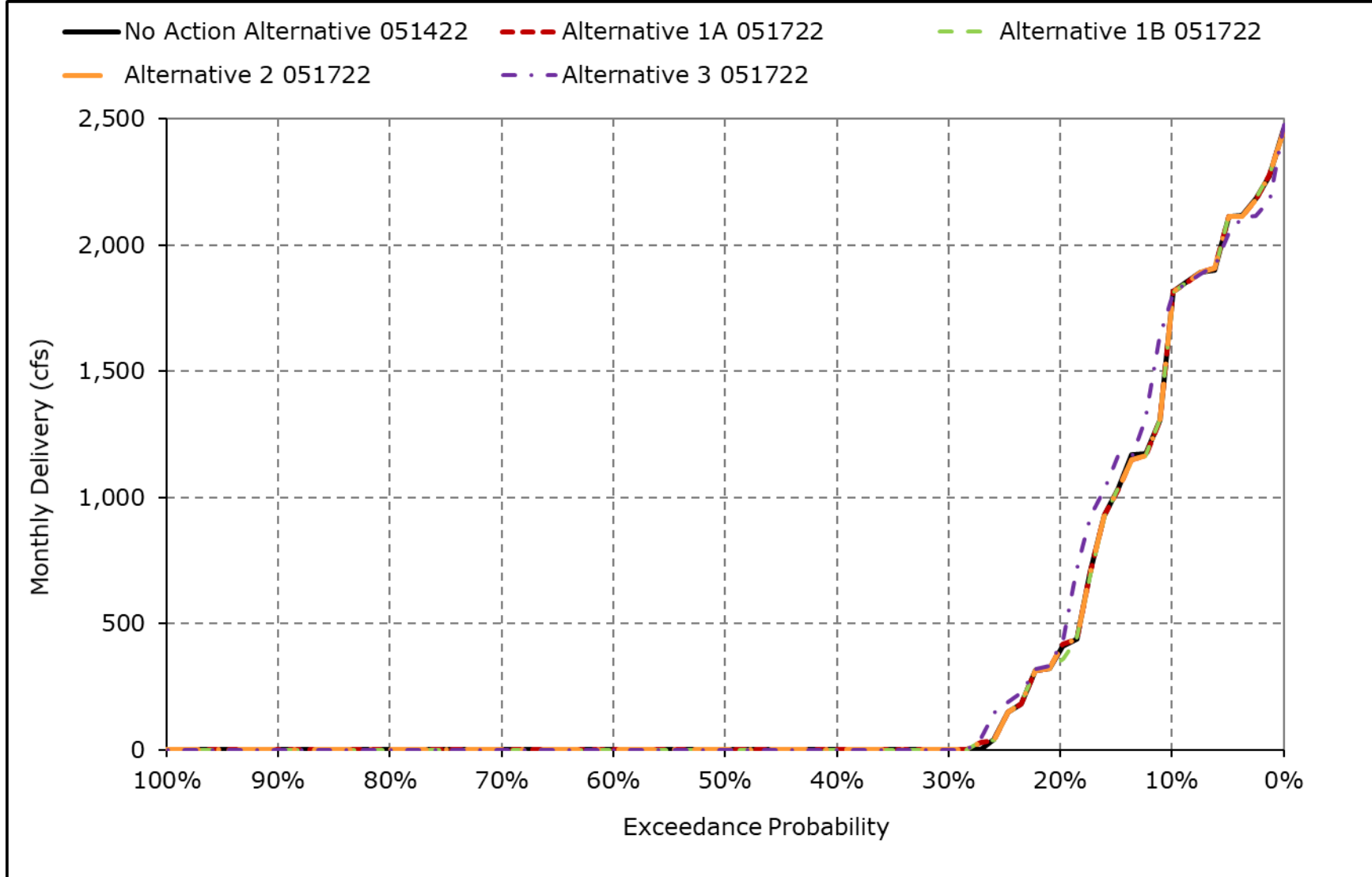
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

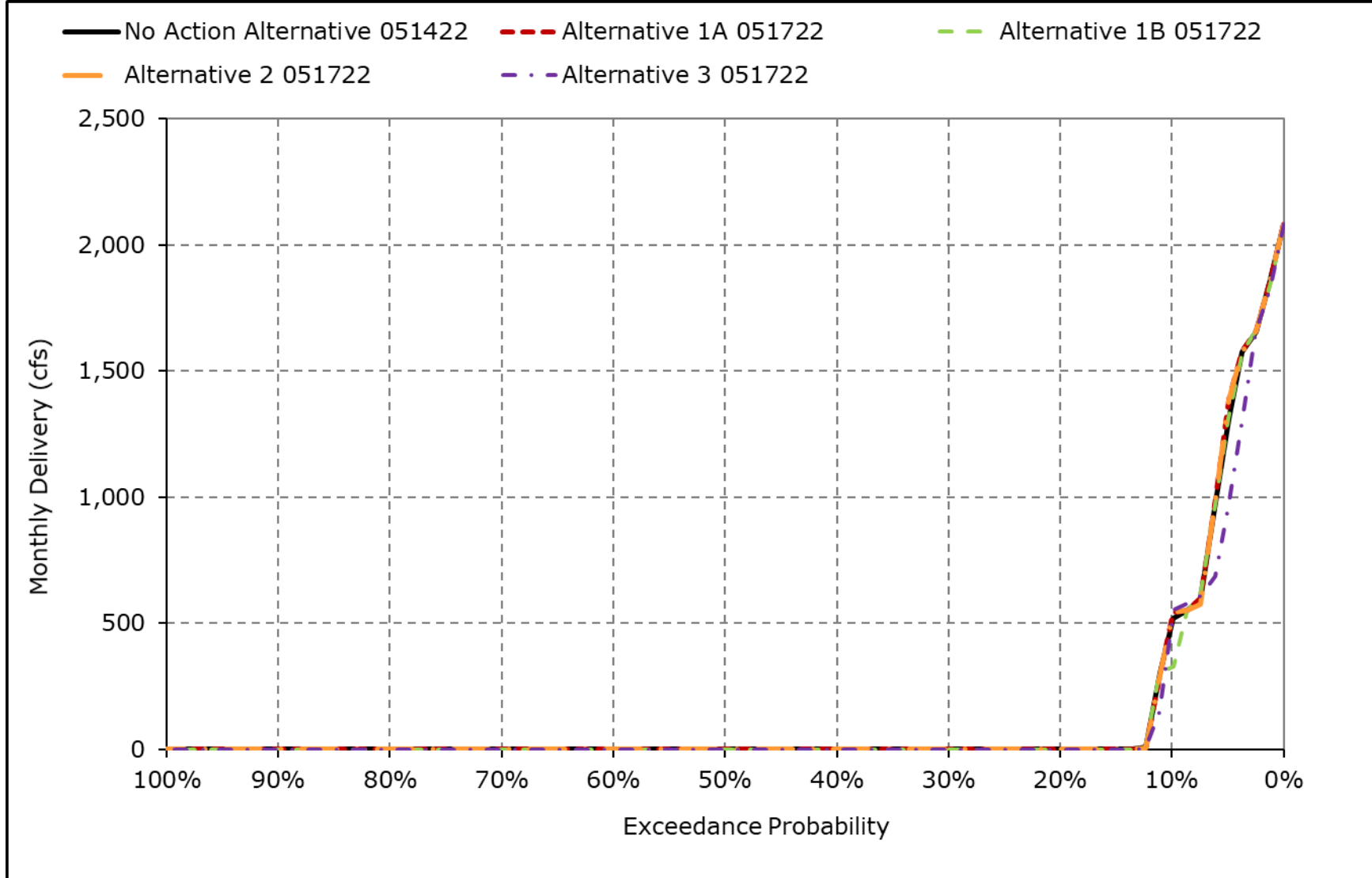
**Figure 5B4-4-8. CVP Banks PP Exports, November**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

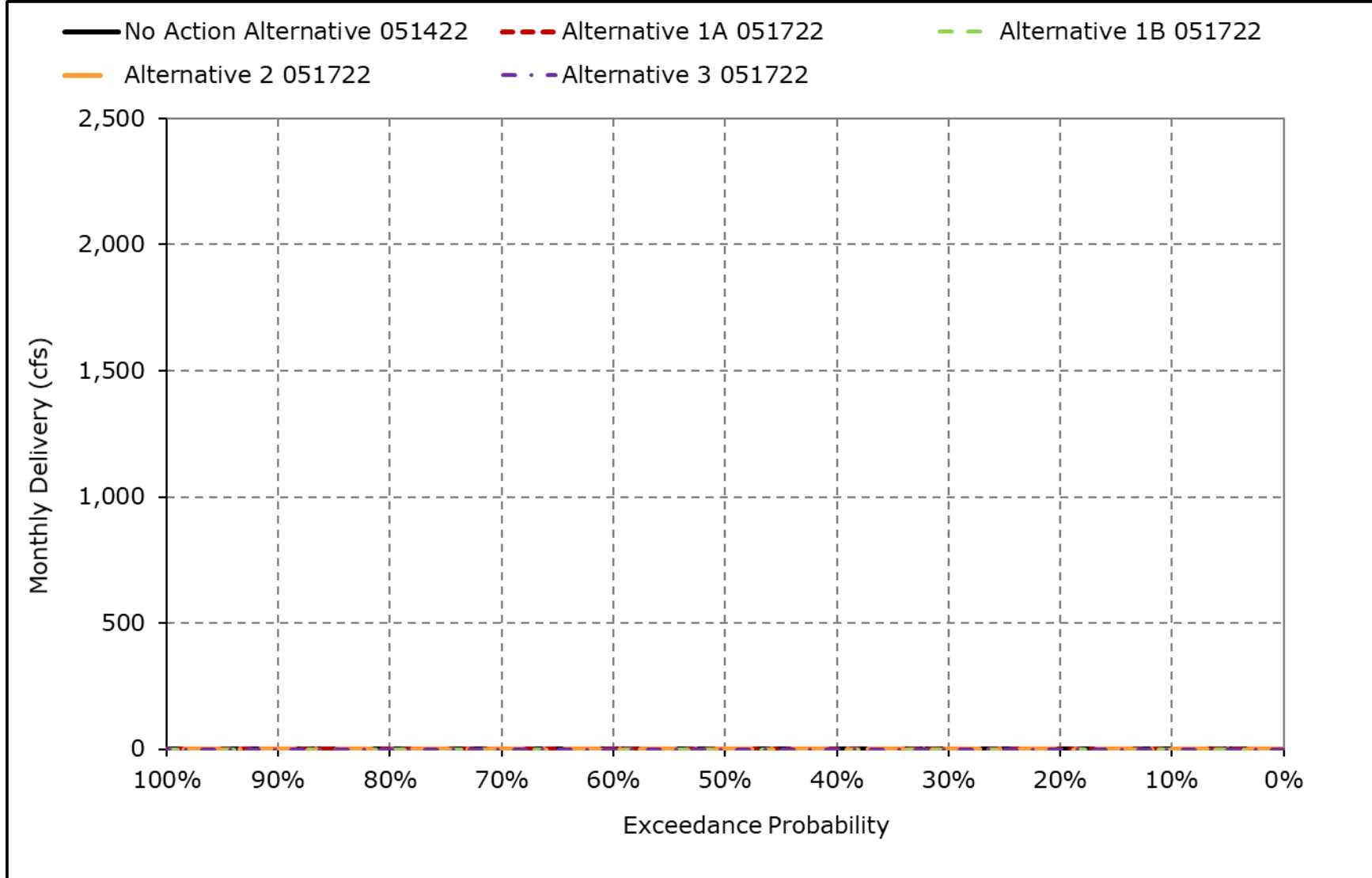


**Figure 5B4-4-9. CVP Banks PP Exports, December**



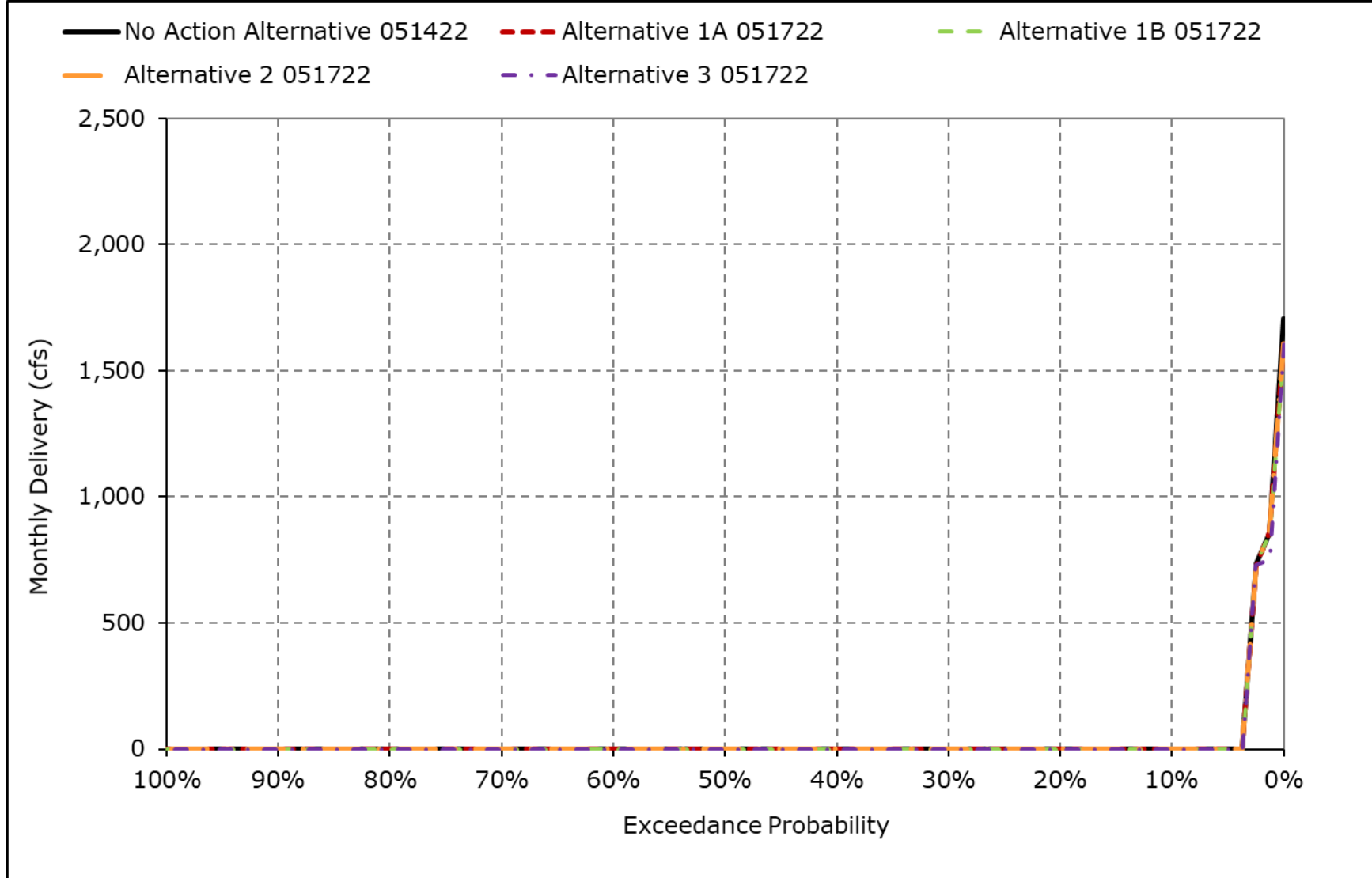
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



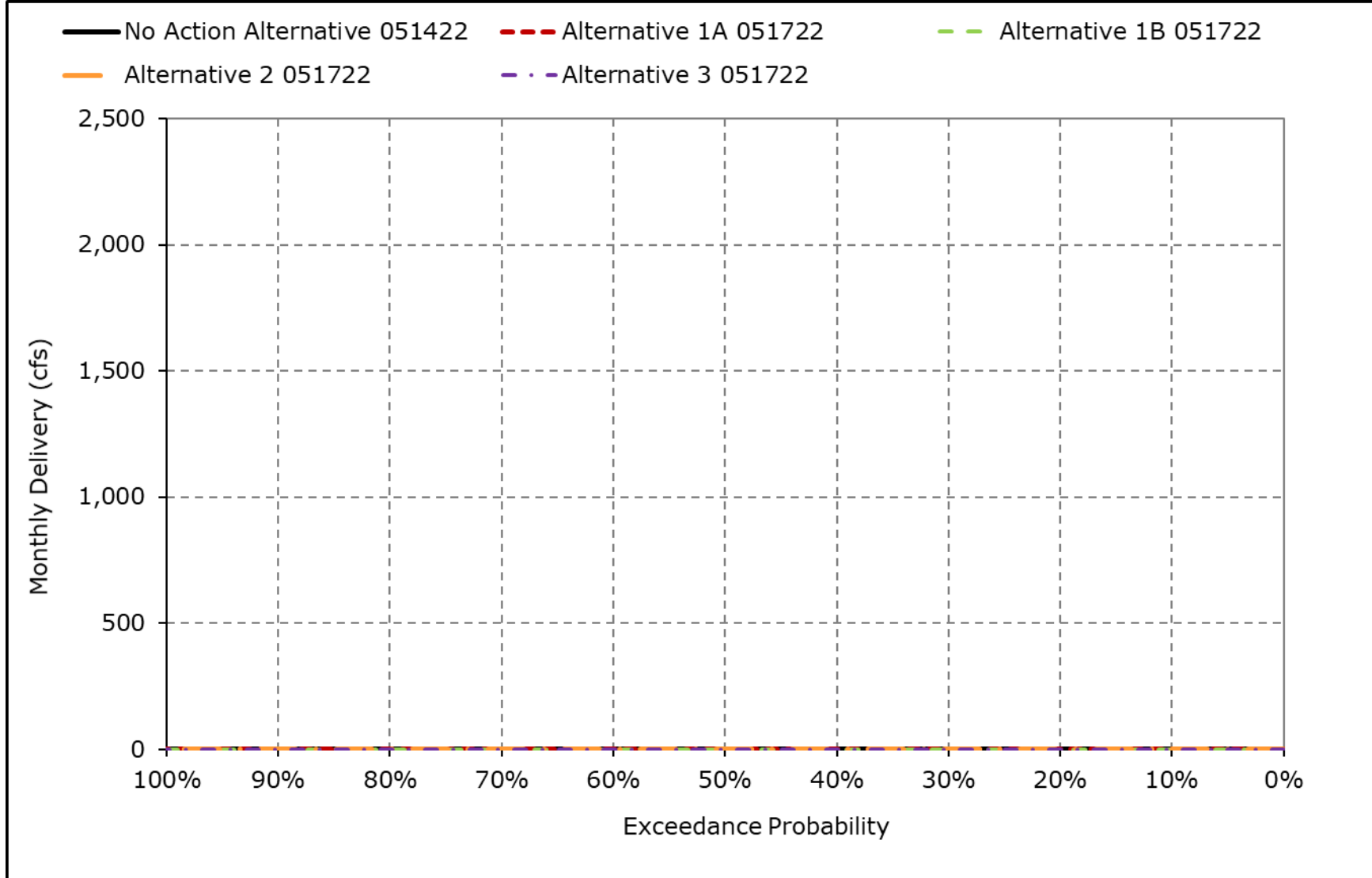
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



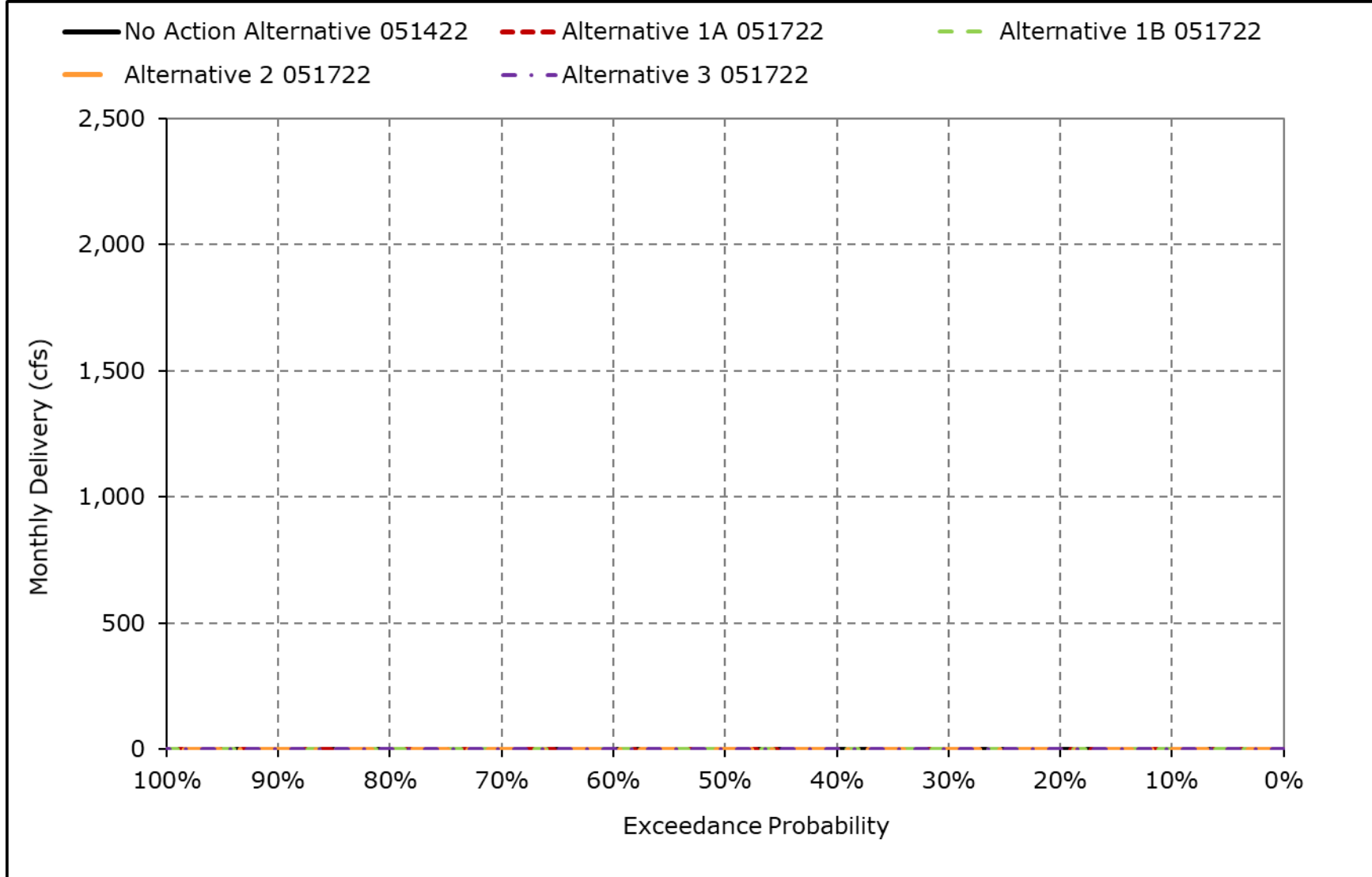
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



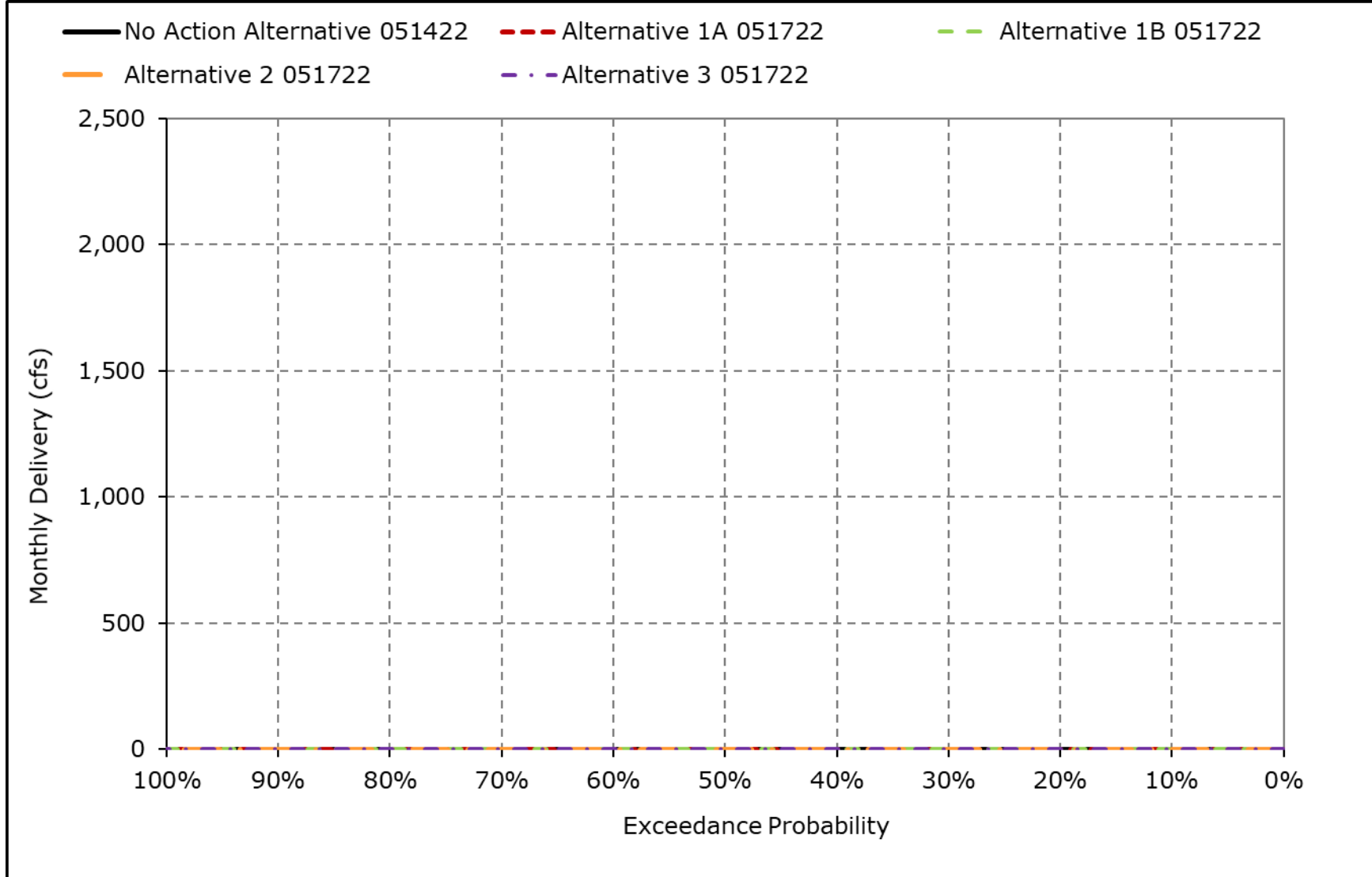
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



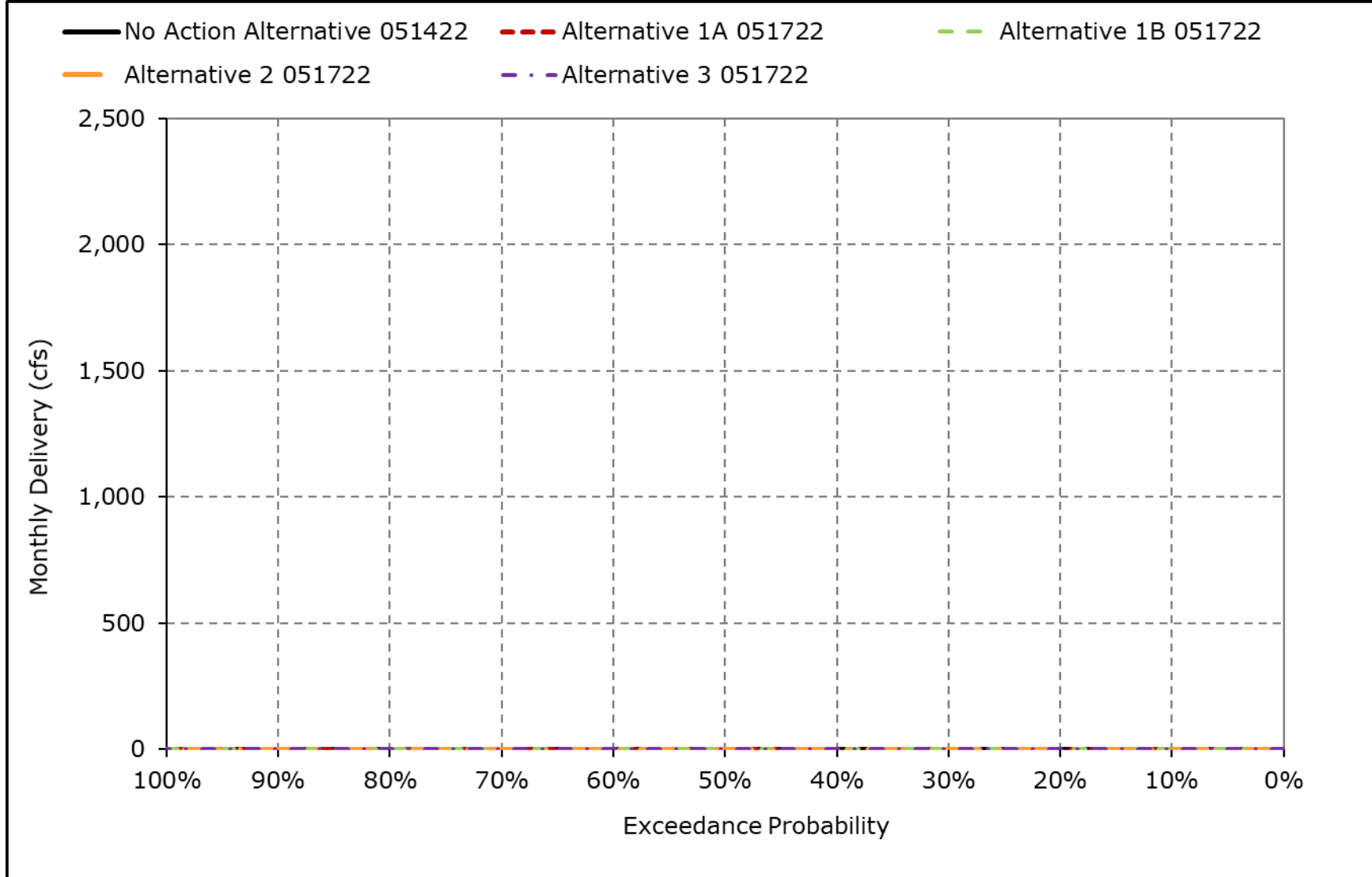
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



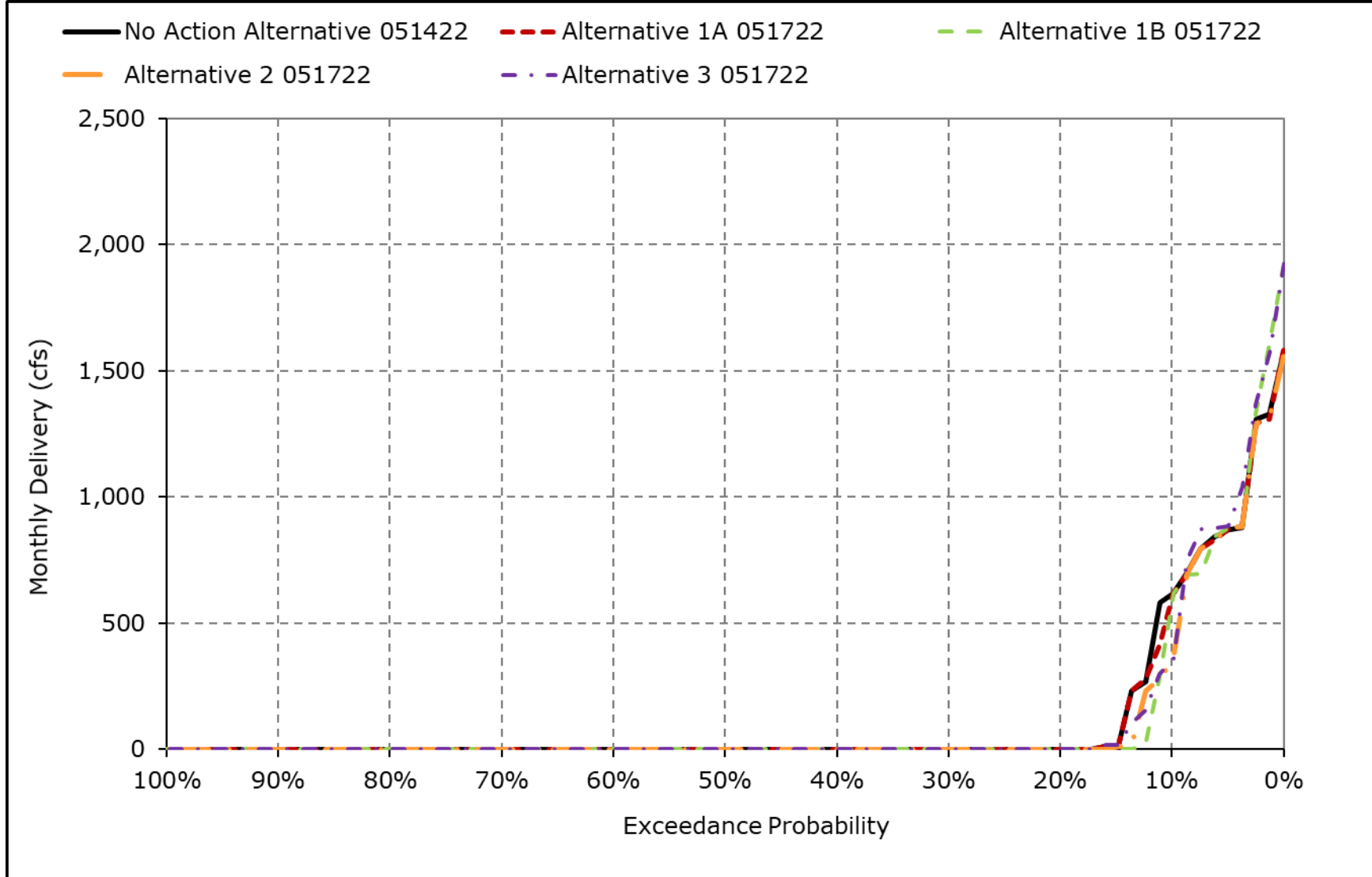
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

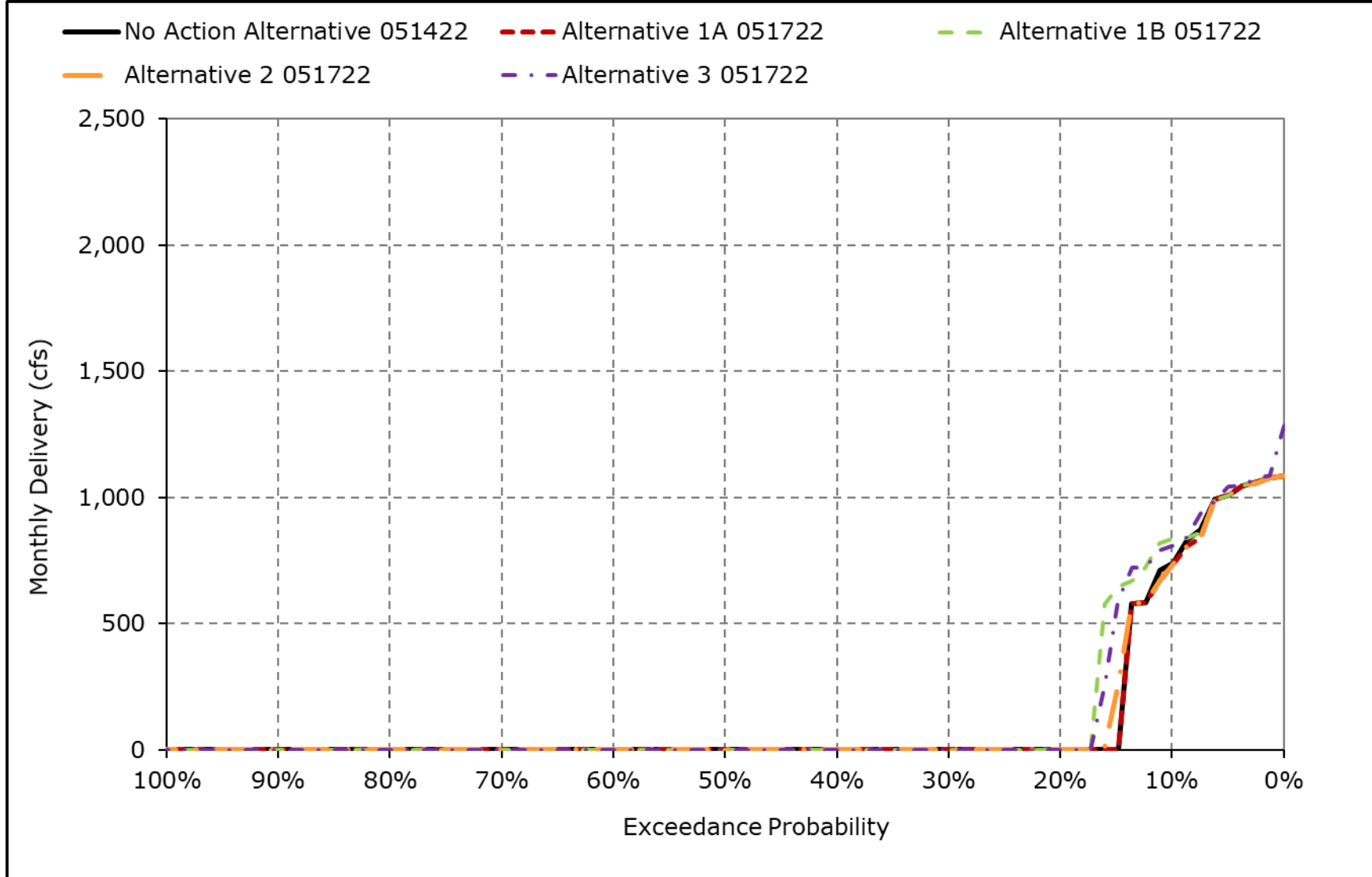
**Figure 5B4-4-16. CVP Banks PP Exports, July**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

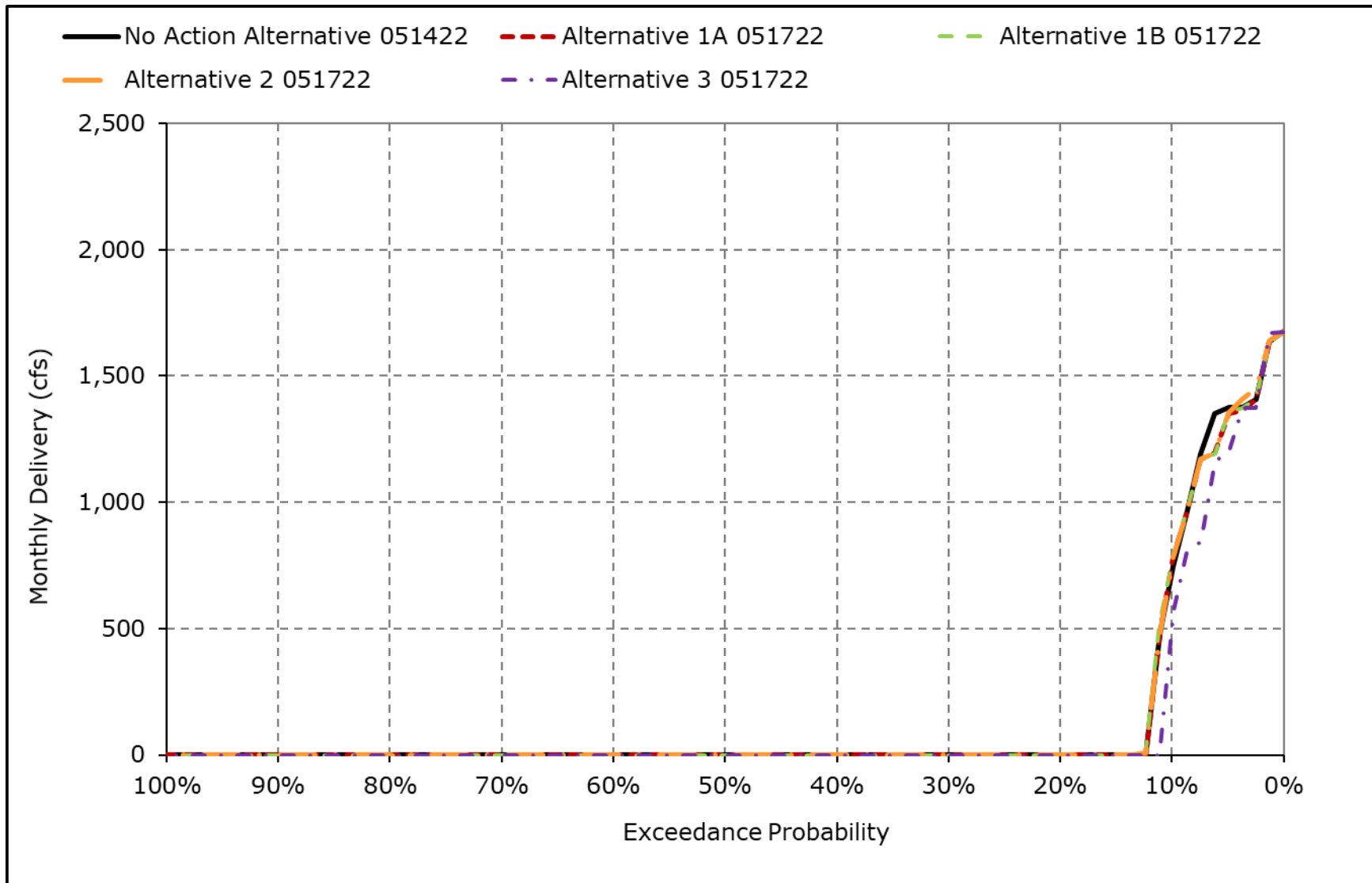


**Figure 5B4-4-17. CVP Banks PP Exports, August**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Table 5B4-5-1a. SWP and CVP Banks PP Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6,643	6,680	7,131	6,082	7,256	6,193	5,016	4,708	5,048	6,680	6,680	6,680
20% Exceedance	5,415	6,680	7,037	3,901	5,934	4,600	2,883	2,345	3,401	6,680	6,192	6,680
30% Exceedance	4,415	6,680	6,990	3,004	4,213	3,632	1,106	689	2,492	6,192	5,542	6,680
40% Exceedance	3,912	6,680	5,691	2,832	3,748	3,013	692	600	2,166	6,192	5,542	6,680
50% Exceedance	3,446	5,781	4,204	2,775	2,897	2,342	639	600	1,909	6,192	5,542	5,340
60% Exceedance	3,074	4,644	3,345	2,677	2,675	2,099	600	600	1,789	6,051	3,687	3,760
70% Exceedance	2,462	3,600	3,003	2,610	2,581	1,892	600	600	1,613	5,459	1,350	2,500
80% Exceedance	2,026	2,419	2,764	2,517	2,461	1,749	600	581	894	2,285	317	2,321
90% Exceedance	1,043	1,722	2,530	2,122	2,305	1,601	600	305	300	300	300	1,644
<b>Full Simulation Period Average<sup>a</sup></b>	<b>3,586</b>	<b>4,885</b>	<b>4,764</b>	<b>3,352</b>	<b>3,999</b>	<b>3,189</b>	<b>1,636</b>	<b>1,411</b>	<b>2,298</b>	<b>4,940</b>	<b>3,864</b>	<b>4,596</b>
<b>Wet Water Years (32%)</b>	<b>4,946</b>	<b>6,591</b>	<b>6,055</b>	<b>4,455</b>	<b>5,458</b>	<b>4,814</b>	<b>3,295</b>	<b>2,796</b>	<b>3,709</b>	<b>6,046</b>	<b>5,288</b>	<b>6,423</b>
<b>Above Normal Water Years (15%)</b>	<b>3,978</b>	<b>6,003</b>	<b>5,458</b>	<b>3,212</b>	<b>4,081</b>	<b>3,457</b>	<b>1,197</b>	<b>1,334</b>	<b>2,425</b>	<b>5,849</b>	<b>5,223</b>	<b>6,638</b>
<b>Below Normal Water Years (17%)</b>	<b>4,508</b>	<b>4,644</b>	<b>4,551</b>	<b>2,857</b>	<b>4,049</b>	<b>2,903</b>	<b>1,197</b>	<b>900</b>	<b>1,738</b>	<b>6,412</b>	<b>6,524</b>	<b>5,054</b>
<b>Dry Water Years (22%)</b>	<b>2,323</b>	<b>3,723</b>	<b>3,698</b>	<b>2,722</b>	<b>2,722</b>	<b>1,889</b>	<b>617</b>	<b>525</b>	<b>1,519</b>	<b>4,272</b>	<b>1,139</b>	<b>2,516</b>
<b>Critical Water Years (15%)</b>	<b>1,063</b>	<b>2,094</b>	<b>3,118</b>	<b>2,624</b>	<b>2,616</b>	<b>1,682</b>	<b>525</b>	<b>415</b>	<b>940</b>	<b>923</b>	<b>407</b>	<b>1,180</b>

**Table 5B4-5-1b. SWP and CVP Banks PP Exports, Alternative 1A 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6,632	6,680	7,131	6,042	7,256	6,173	5,016	4,567	5,048	6,680	6,680	6,680
20% Exceedance	5,373	6,680	7,037	3,901	5,819	4,601	2,883	1,961	3,310	6,680	6,192	6,680
30% Exceedance	4,407	6,680	6,971	3,004	4,266	3,754	1,106	689	2,504	6,233	5,542	6,680
40% Exceedance	3,932	6,680	5,413	2,858	3,748	3,079	692	600	2,166	6,192	5,542	6,647
50% Exceedance	3,525	5,898	4,037	2,791	2,897	2,342	639	600	1,909	6,192	5,542	5,440
60% Exceedance	3,041	4,671	3,367	2,695	2,675	2,107	600	600	1,789	6,065	3,703	3,766
70% Exceedance	2,465	3,614	2,978	2,636	2,581	1,928	600	600	1,614	5,460	1,350	2,492
80% Exceedance	2,041	2,549	2,788	2,518	2,462	1,777	600	576	907	2,284	314	2,308
90% Exceedance	1,200	1,760	2,555	2,122	2,305	1,614	600	305	300	323	300	1,628
<b>Full Simulation Period Average<sup>a</sup></b>	<b>3,610</b>	<b>4,953</b>	<b>4,723</b>	<b>3,360</b>	<b>4,008</b>	<b>3,211</b>	<b>1,657</b>	<b>1,380</b>	<b>2,299</b>	<b>4,953</b>	<b>3,857</b>	<b>4,597</b>
<b>Wet Water Years (32%)</b>	<b>4,979</b>	<b>6,591</b>	<b>6,049</b>	<b>4,459</b>	<b>5,450</b>	<b>4,828</b>	<b>3,294</b>	<b>2,808</b>	<b>3,710</b>	<b>6,053</b>	<b>5,282</b>	<b>6,418</b>
<b>Above Normal Water Years (15%)</b>	<b>4,050</b>	<b>6,002</b>	<b>5,455</b>	<b>3,212</b>	<b>4,111</b>	<b>3,528</b>	<b>1,339</b>	<b>1,094</b>	<b>2,430</b>	<b>5,855</b>	<b>5,223</b>	<b>6,638</b>
<b>Below Normal Water Years (17%)</b>	<b>4,493</b>	<b>5,087</b>	<b>4,541</b>	<b>2,858</b>	<b>4,061</b>	<b>2,907</b>	<b>1,197</b>	<b>899</b>	<b>1,758</b>	<b>6,413</b>	<b>6,501</b>	<b>5,098</b>
<b>Dry Water Years (22%)</b>	<b>2,356</b>	<b>3,694</b>	<b>3,483</b>	<b>2,755</b>	<b>2,743</b>	<b>1,887</b>	<b>618</b>	<b>526</b>	<b>1,502</b>	<b>4,275</b>	<b>1,133</b>	<b>2,501</b>
<b>Critical Water Years (15%)</b>	<b>1,055</b>	<b>2,086</b>	<b>3,188</b>	<b>2,617</b>	<b>2,616</b>	<b>1,728</b>	<b>525</b>	<b>415</b>	<b>939</b>	<b>979</b>	<b>408</b>	<b>1,168</b>

**Table 5B4-5-1c. SWP and CVP Banks PP Exports, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-12	0	0	-40	0	-20	0	-141	0	0	0	0
20% Exceedance	-43	0	0	0	-114	0	0	-384	-91	0	0	0
30% Exceedance	-8	0	-19	0	53	121	0	0	12	41	0	0
40% Exceedance	20	0	-278	27	0	66	0	0	0	0	0	-33
50% Exceedance	79	117	-167	16	0	0	0	0	0	0	0	100
60% Exceedance	-33	26	22	18	0	7	0	0	0	15	15	6
70% Exceedance	2	14	-25	26	0	37	0	0	1	1	0	-8
80% Exceedance	15	130	24	1	1	28	0	-5	13	-2	-3	-13
90% Exceedance	157	38	25	0	0	13	0	0	0	23	0	-15
<b>Full Simulation Period Average<sup>a</sup></b>	<b>25</b>	<b>68</b>	<b>-41</b>	<b>7</b>	<b>8</b>	<b>22</b>	<b>21</b>	<b>-31</b>	<b>1</b>	<b>12</b>	<b>-7</b>	<b>1</b>
<b>Wet Water Years (32%)</b>	<b>33</b>	<b>0</b>	<b>-6</b>	<b>3</b>	<b>-8</b>	<b>14</b>	<b>0</b>	<b>12</b>	<b>1</b>	<b>8</b>	<b>-6</b>	<b>-4</b>
<b>Above Normal Water Years (15%)</b>	<b>71</b>	<b>0</b>	<b>-3</b>	<b>0</b>	<b>30</b>	<b>71</b>	<b>142</b>	<b>-241</b>	<b>6</b>	<b>6</b>	<b>0</b>	<b>0</b>
<b>Below Normal Water Years (17%)</b>	<b>-14</b>	<b>442</b>	<b>-10</b>	<b>1</b>	<b>12</b>	<b>3</b>	<b>0</b>	<b>-1</b>	<b>21</b>	<b>1</b>	<b>-23</b>	<b>44</b>
<b>Dry Water Years (22%)</b>	<b>32</b>	<b>-29</b>	<b>-215</b>	<b>33</b>	<b>21</b>	<b>-2</b>	<b>1</b>	<b>0</b>	<b>-17</b>	<b>3</b>	<b>-6</b>	<b>-15</b>
<b>Critical Water Years (15%)</b>	<b>-7</b>	<b>-8</b>	<b>70</b>	<b>-7</b>	<b>-1</b>	<b>46</b>	<b>0</b>	<b>0</b>	<b>-1</b>	<b>56</b>	<b>2</b>	<b>-12</b>

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-5-2a. SWP and CVP Banks PP Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	6,643	6,680	7,131	6,082	7,256	6,193	5,016	4,708	5,048	6,680	6,680	6,680
<b>20% Exceedance</b>	5,415	6,680	7,037	3,901	5,934	4,600	2,883	2,345	3,401	6,680	6,192	6,680
<b>30% Exceedance</b>	4,415	6,680	6,990	3,004	4,213	3,632	1,106	689	2,492	6,192	5,542	6,680
<b>40% Exceedance</b>	3,912	6,680	5,691	2,832	3,748	3,013	692	600	2,166	6,192	5,542	6,680
<b>50% Exceedance</b>	3,446	5,781	4,204	2,775	2,897	2,342	639	600	1,909	6,192	5,542	5,340
<b>60% Exceedance</b>	3,074	4,644	3,345	2,677	2,675	2,099	600	600	1,789	6,051	3,687	3,760
<b>70% Exceedance</b>	2,462	3,600	3,003	2,610	2,581	1,892	600	600	1,613	5,459	1,350	2,500
<b>80% Exceedance</b>	2,026	2,419	2,764	2,517	2,461	1,749	600	581	894	2,285	317	2,321
<b>90% Exceedance</b>	1,043	1,722	2,530	2,122	2,305	1,601	600	305	300	300	300	1,644
<b>Full Simulation Period Average<sup>a</sup></b>	3,586	4,885	4,764	3,352	3,999	3,189	1,636	1,411	2,298	4,940	3,864	4,596
<b>Wet Water Years (32%)</b>	4,946	6,591	6,055	4,455	5,458	4,814	3,295	2,796	3,709	6,046	5,288	6,423
<b>Above Normal Water Years (15%)</b>	3,978	6,003	5,458	3,212	4,081	3,457	1,197	1,334	2,425	5,849	5,223	6,638
<b>Below Normal Water Years (17%)</b>	4,508	4,644	4,551	2,857	4,049	2,903	1,197	900	1,738	6,412	6,524	5,054
<b>Dry Water Years (22%)</b>	2,323	3,723	3,698	2,722	2,722	1,889	617	525	1,519	4,272	1,139	2,516
<b>Critical Water Years (15%)</b>	1,063	2,094	3,118	2,624	2,616	1,682	525	415	940	923	407	1,180

**Table 5B4-5-2b. SWP and CVP Banks PP Exports, Alternative 1B 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	6,677	6,680	7,115	6,042	7,314	6,173	5,023	4,516	5,048	6,680	6,680	6,680
<b>20% Exceedance</b>	5,373	6,680	7,031	3,901	5,941	4,601	2,883	1,923	3,298	6,680	6,192	6,680
<b>30% Exceedance</b>	4,407	6,680	6,901	3,008	4,266	3,699	1,106	690	2,465	6,448	5,542	6,680
<b>40% Exceedance</b>	3,908	6,680	5,110	2,858	3,745	3,188	692	600	2,166	6,192	5,542	6,680
<b>50% Exceedance</b>	3,528	5,898	3,879	2,791	2,897	2,342	639	600	1,909	6,192	5,542	5,459
<b>60% Exceedance</b>	3,041	4,890	3,321	2,695	2,675	2,106	600	600	1,789	6,143	3,752	3,765
<b>70% Exceedance</b>	2,566	3,678	2,899	2,635	2,581	1,928	600	600	1,613	5,426	1,350	2,490
<b>80% Exceedance</b>	2,034	2,561	2,664	2,518	2,462	1,777	600	575	936	2,272	953	2,310
<b>90% Exceedance</b>	1,200	1,753	2,490	2,122	2,305	1,614	600	301	300	300	300	1,630
<b>Full Simulation Period Average<sup>a</sup></b>	3,618	4,979	4,615	3,357	4,007	3,204	1,657	1,375	2,291	4,959	3,889	4,604
<b>Wet Water Years (32%)</b>	4,995	6,591	6,039	4,457	5,460	4,791	3,293	2,801	3,704	6,080	5,309	6,424
<b>Above Normal Water Years (15%)</b>	4,115	6,003	5,453	3,212	4,082	3,534	1,345	1,094	2,411	5,846	5,223	6,638
<b>Below Normal Water Years (17%)</b>	4,465	5,086	4,542	2,858	4,057	2,931	1,197	895	1,737	6,416	6,504	5,123
<b>Dry Water Years (22%)</b>	2,349	3,813	3,019	2,747	2,747	1,887	614	526	1,498	4,307	1,233	2,504
<b>Critical Water Years (15%)</b>	1,050	2,087	3,174	2,618	2,617	1,729	525	401	945	925	411	1,168

**Table 5B4-5-2c. SWP and CVP Banks PP Exports, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	34	0	-17	-40	58	-20	7	-193	0	0	0	0
<b>20% Exceedance</b>	-42	0	-6	0	7	1	0	-422	-103	0	0	0
<b>30% Exceedance</b>	-8	0	-89	4	53	67	0	1	-27	256	0	0
<b>40% Exceedance</b>	-4	0	-581	27	-3	175	0	0	0	0	0	0
<b>50% Exceedance</b>	82	117	-324	16	0	0	0	0	0	0	0	119
<b>60% Exceedance</b>	-33	246	-24	18	0	6	0	0	0	92	65	5
<b>70% Exceedance</b>	104	78	-104	25	0	37	0	0	0	-33	0	-10
<b>80% Exceedance</b>	8	142	-100	1	1	28	0	-6	41	-13	636	-11
<b>90% Exceedance</b>	157	30	-40	0	1	13	0	-5	0	0	0	-13
<b>Full Simulation Period Average<sup>a</sup></b>	32	94	-148	5	8	15	21	-36	-7	19	25	8
<b>Wet Water Years (32%)</b>	49	0	-16	1	2	-22	-1	5	-4	34	21	2
<b>Above Normal Water Years (15%)</b>	137	1	-4	0	2	77	148	-241	-14	-3	0	0
<b>Below Normal Water Years (17%)</b>	-43	442	-10	1	8	28	0	-5	-1	3	-20	69
<b>Dry Water Years (22%)</b>	26	90	-679	25	25	-2	-3	1	-21	35	94	-12
<b>Critical Water Years (15%)</b>	-13	-8	56	-5	1	46	0	-14	5	2	4	-12

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-5-3a. SWP and CVP Banks PP Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	6,643	6,680	7,131	6,082	7,256	6,193	5,016	4,708	5,048	6,680	6,680	6,680
<b>20% Exceedance</b>	5,415	6,680	7,037	3,901	5,934	4,600	2,883	2,345	3,401	6,680	6,192	6,680
<b>30% Exceedance</b>	4,415	6,680	6,990	3,004	4,213	3,632	1,106	689	2,492	6,192	5,542	6,680
<b>40% Exceedance</b>	3,912	6,680	5,691	2,832	3,748	3,013	692	600	2,166	6,192	5,542	6,680
<b>50% Exceedance</b>	3,446	5,781	4,204	2,775	2,897	2,342	639	600	1,909	6,192	5,542	5,340
<b>60% Exceedance</b>	3,074	4,644	3,345	2,677	2,675	2,099	600	600	1,789	6,051	3,687	3,760
<b>70% Exceedance</b>	2,462	3,600	3,003	2,610	2,581	1,892	600	600	1,613	5,459	1,350	2,500
<b>80% Exceedance</b>	2,026	2,419	2,764	2,517	2,461	1,749	600	581	894	2,285	317	2,321
<b>90% Exceedance</b>	1,043	1,722	2,530	2,122	2,305	1,601	600	305	300	300	300	1,644
<b>Full Simulation Period Average<sup>a</sup></b>	3,586	4,885	4,764	3,352	3,999	3,189	1,636	1,411	2,298	4,940	3,864	4,596
<b>Wet Water Years (32%)</b>	4,946	6,591	6,055	4,455	5,458	4,814	3,295	2,796	3,709	6,046	5,288	6,423
<b>Above Normal Water Years (15%)</b>	3,978	6,003	5,458	3,212	4,081	3,457	1,197	1,334	2,425	5,849	5,223	6,638
<b>Below Normal Water Years (17%)</b>	4,508	4,644	4,551	2,857	4,049	2,903	1,197	900	1,738	6,412	6,524	5,054
<b>Dry Water Years (22%)</b>	2,323	3,723	3,698	2,722	2,722	1,889	617	525	1,519	4,272	1,139	2,516
<b>Critical Water Years (15%)</b>	1,063	2,094	3,118	2,624	2,616	1,682	525	415	940	923	407	1,180

**Table 5B4-5-3b. SWP and CVP Banks PP Exports, Alternative 2 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	6,632	6,680	7,131	6,082	7,256	6,173	5,027	4,609	5,048	6,680	6,680	6,680
<b>20% Exceedance</b>	5,373	6,680	7,037	3,901	5,776	4,601	2,883	1,962	3,299	6,680	6,192	6,680
<b>30% Exceedance</b>	4,407	6,680	6,971	3,004	4,266	3,754	1,106	689	2,504	6,233	5,542	6,680
<b>40% Exceedance</b>	3,909	6,680	5,414	2,832	3,748	3,079	692	600	2,166	6,192	5,542	6,652
<b>50% Exceedance</b>	3,524	5,898	4,038	2,775	2,897	2,342	639	600	1,909	6,192	5,542	5,387
<b>60% Exceedance</b>	3,046	4,672	3,367	2,677	2,675	2,115	600	600	1,789	6,065	3,702	3,766
<b>70% Exceedance</b>	2,470	3,614	2,989	2,603	2,581	1,928	600	600	1,614	5,460	1,350	2,494
<b>80% Exceedance</b>	2,037	2,492	2,788	2,518	2,462	1,777	600	576	908	2,284	314	2,309
<b>90% Exceedance</b>	1,200	1,739	2,555	2,122	2,305	1,614	600	305	300	300	300	1,626
<b>Full Simulation Period Average<sup>a</sup></b>	3,601	4,954	4,720	3,359	3,996	3,211	1,659	1,381	2,299	4,949	3,861	4,596
<b>Wet Water Years (32%)</b>	4,962	6,591	6,049	4,457	5,450	4,825	3,294	2,808	3,710	6,053	5,282	6,419
<b>Above Normal Water Years (15%)</b>	4,051	6,002	5,453	3,212	4,100	3,528	1,348	1,094	2,430	5,855	5,223	6,638
<b>Below Normal Water Years (17%)</b>	4,479	5,087	4,536	2,858	4,043	2,907	1,198	903	1,754	6,411	6,504	5,091
<b>Dry Water Years (22%)</b>	2,357	3,689	3,500	2,735	2,711	1,887	618	526	1,502	4,279	1,133	2,502
<b>Critical Water Years (15%)</b>	1,042	2,100	3,154	2,649	2,618	1,741	525	415	940	948	431	1,170

**Table 5B4-5-3c. SWP and CVP Banks PP Exports, Alternative 2 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	-12	0	0	0	0	-20	11	-99	0	0	0	0
<b>20% Exceedance</b>	-43	0	0	0	-158	0	0	-383	-103	0	0	0
<b>30% Exceedance</b>	-8	0	-19	0	53	121	0	0	12	41	0	0
<b>40% Exceedance</b>	-3	0	-277	0	0	66	0	0	0	0	0	-28
<b>50% Exceedance</b>	79	117	-166	0	0	0	0	0	0	0	0	47
<b>60% Exceedance</b>	-28	28	22	0	0	15	0	0	0	14	14	6
<b>70% Exceedance</b>	8	14	-14	-8	0	37	0	0	1	1	0	-7
<b>80% Exceedance</b>	11	73	24	1	1	28	0	-5	13	-2	-3	-11
<b>90% Exceedance</b>	157	16	25	0	0	13	0	0	0	0	0	-17
<b>Full Simulation Period Average<sup>a</sup></b>	15	69	-43	7	-3	23	22	-31	0	8	-3	1
<b>Wet Water Years (32%)</b>	16	0	-6	2	-8	11	0	12	1	8	-6	-4
<b>Above Normal Water Years (15%)</b>	72	-1	-4	0	19	71	151	-241	6	6	0	0
<b>Below Normal Water Years (17%)</b>	-28	442	-15	1	-6	3	1	2	17	-1	-20	37
<b>Dry Water Years (22%)</b>	34	-34	-198	13	-11	-2	1	0	-17	8	-6	-14
<b>Critical Water Years (15%)</b>	-21	6	36	25	1	59	0	0	0	25	24	-10

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-5-4a. SWP and CVP Banks PP Exports, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	6,643	6,680	7,131	6,082	7,256	6,193	5,016	4,708	5,048	6,680	6,680	6,680
<b>20% Exceedance</b>	5,415	6,680	7,037	3,901	5,934	4,600	2,883	2,345	3,401	6,680	6,192	6,680
<b>30% Exceedance</b>	4,415	6,680	6,990	3,004	4,213	3,632	1,106	689	2,492	6,192	5,542	6,680
<b>40% Exceedance</b>	3,912	6,680	5,691	2,832	3,748	3,013	692	600	2,166	6,192	5,542	6,680
<b>50% Exceedance</b>	3,446	5,781	4,204	2,775	2,897	2,342	639	600	1,909	6,192	5,542	5,340
<b>60% Exceedance</b>	3,074	4,644	3,345	2,677	2,675	2,099	600	600	1,789	6,051	3,687	3,760
<b>70% Exceedance</b>	2,462	3,600	3,003	2,610	2,581	1,892	600	600	1,613	5,459	1,350	2,500
<b>80% Exceedance</b>	2,026	2,419	2,764	2,517	2,461	1,749	600	581	894	2,285	317	2,321
<b>90% Exceedance</b>	1,043	1,722	2,530	2,122	2,305	1,601	600	305	300	300	300	1,644
<b>Full Simulation Period Average<sup>a</sup></b>	3,586	4,885	4,764	3,352	3,999	3,189	1,636	1,411	2,298	4,940	3,864	4,596
<b>Wet Water Years (32%)</b>	4,946	6,591	6,055	4,455	5,458	4,814	3,295	2,796	3,709	6,046	5,288	6,423
<b>Above Normal Water Years (15%)</b>	3,978	6,003	5,458	3,212	4,081	3,457	1,197	1,334	2,425	5,849	5,223	6,638
<b>Below Normal Water Years (17%)</b>	4,508	4,644	4,551	2,857	4,049	2,903	1,197	900	1,738	6,412	6,524	5,054
<b>Dry Water Years (22%)</b>	2,323	3,723	3,698	2,722	2,722	1,889	617	525	1,519	4,272	1,139	2,516
<b>Critical Water Years (15%)</b>	1,063	2,094	3,118	2,624	2,616	1,682	525	415	940	923	407	1,180

**Table 5B4-5-4b. SWP and CVP Banks PP Exports, Alternative 3 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	6,680	6,680	7,113	6,082	7,256	6,208	5,016	4,687	5,048	6,680	6,680	6,680
<b>20% Exceedance</b>	5,388	6,680	7,028	3,901	5,334	4,593	2,672	2,325	3,252	6,680	6,192	6,680
<b>30% Exceedance</b>	4,526	6,680	6,948	3,004	4,266	3,754	1,106	690	2,565	6,534	5,542	6,680
<b>40% Exceedance</b>	3,861	6,680	5,054	2,832	3,549	2,998	692	600	2,151	6,192	5,542	6,680
<b>50% Exceedance</b>	3,389	5,939	3,879	2,775	2,909	2,297	639	600	1,884	6,192	5,542	5,442
<b>60% Exceedance</b>	2,980	4,574	3,309	2,677	2,675	2,075	600	600	1,790	5,858	3,703	3,765
<b>70% Exceedance</b>	2,457	3,608	2,971	2,598	2,581	1,916	600	600	1,630	5,109	1,355	2,495
<b>80% Exceedance</b>	2,034	2,567	2,764	2,518	2,478	1,777	600	575	820	2,443	499	2,313
<b>90% Exceedance</b>	1,159	1,752	2,525	2,122	2,305	1,614	600	300	300	300	300	1,639
<b>Full Simulation Period Average<sup>a</sup></b>	3,602	4,937	4,642	3,356	3,975	3,206	1,627	1,404	2,287	4,930	3,891	4,608
<b>Wet Water Years (32%)</b>	5,036	6,591	6,057	4,456	5,445	4,862	3,295	2,795	3,704	6,068	5,302	6,424
<b>Above Normal Water Years (15%)</b>	4,211	6,145	5,373	3,212	4,054	3,471	1,124	1,315	2,369	5,573	5,223	6,638
<b>Below Normal Water Years (17%)</b>	4,208	4,763	4,636	2,858	4,009	2,886	1,197	887	1,823	6,423	6,516	5,142
<b>Dry Water Years (22%)</b>	2,356	3,785	3,122	2,742	2,676	1,879	621	526	1,443	4,356	1,228	2,507
<b>Critical Water Years (15%)</b>	1,049	2,075	3,133	2,616	2,624	1,717	525	401	945	939	433	1,170

**Table 5B4-5-4c. SWP and CVP Banks PP Exports, Alternative 3 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	37	0	-18	0	0	15	0	-21	0	0	0	0
<b>20% Exceedance</b>	-27	0	-9	0	-599	-7	-211	-20	-149	0	0	0
<b>30% Exceedance</b>	111	0	-42	0	53	121	0	1	73	342	0	0
<b>40% Exceedance</b>	-51	0	-637	0	-199	-14	0	0	-15	0	0	0
<b>50% Exceedance</b>	-57	158	-325	0	12	-44	0	0	-25	0	0	102
<b>60% Exceedance</b>	-94	-71	-36	0	0	-24	0	0	1	-193	16	5
<b>70% Exceedance</b>	-5	7	-32	-13	0	25	0	0	18	-350	5	-5
<b>80% Exceedance</b>	8	148	0	1	16	28	0	-6	-74	157	182	-8
<b>90% Exceedance</b>	116	30	-5	0	1	13	0	-5	0	0	0	-4
<b>Full Simulation Period Average<sup>a</sup></b>	16	52	-122	4	-24	17	-10	-7	-11	-11	26	12
<b>Wet Water Years (32%)</b>	89	0	2	1	-13	49	1	-1	-5	23	14	1
<b>Above Normal Water Years (15%)</b>	233	143	-85	0	-27	15	-73	-19	-56	-276	0	0
<b>Below Normal Water Years (17%)</b>	-299	119	84	1	-40	-17	-1	-13	85	10	-8	88
<b>Dry Water Years (22%)</b>	32	62	-576	20	-46	-10	4	0	-75	84	89	-9
<b>Critical Water Years (15%)</b>	-14	-19	15	-8	8	35	0	-14	5	16	26	-10

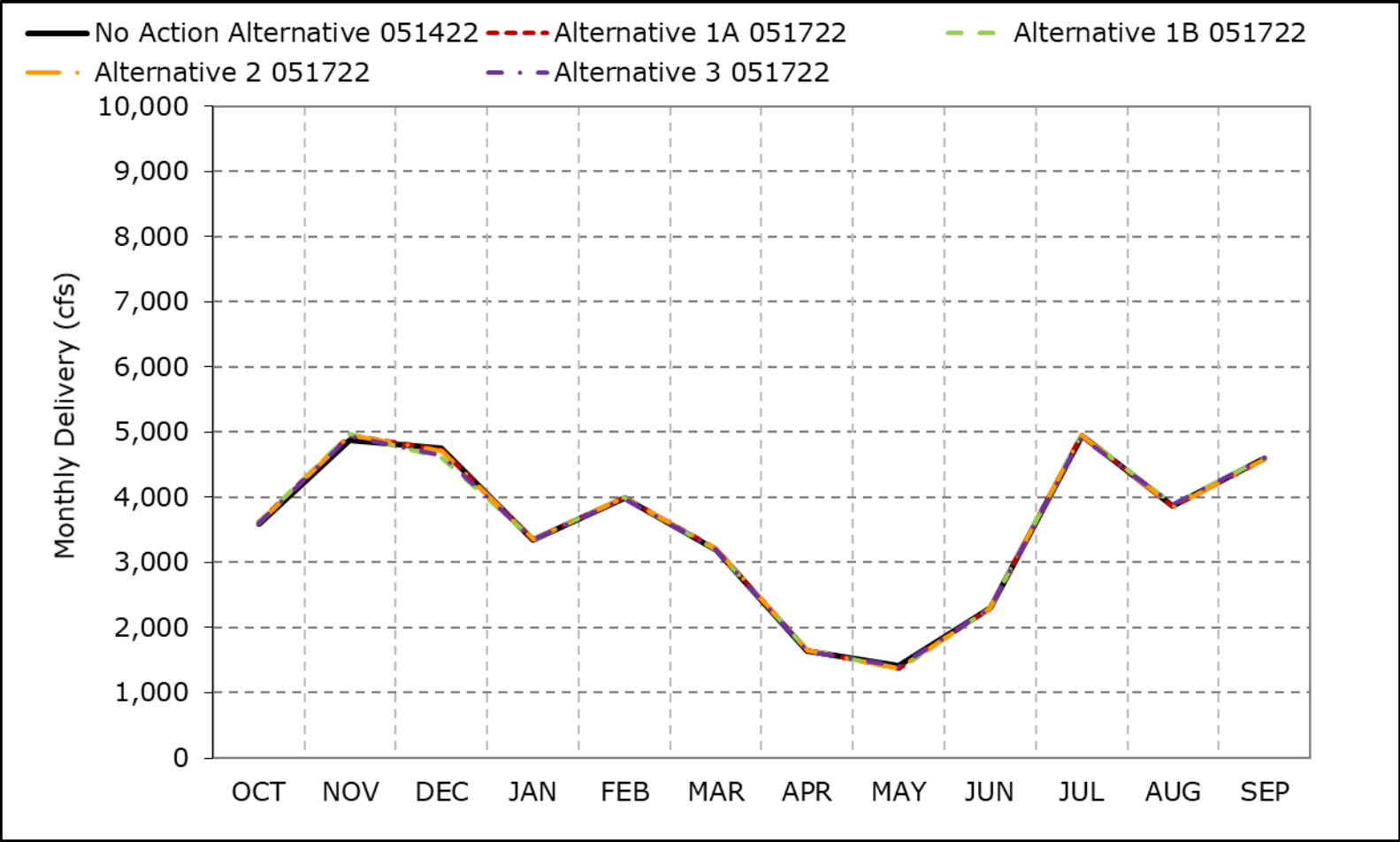
<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

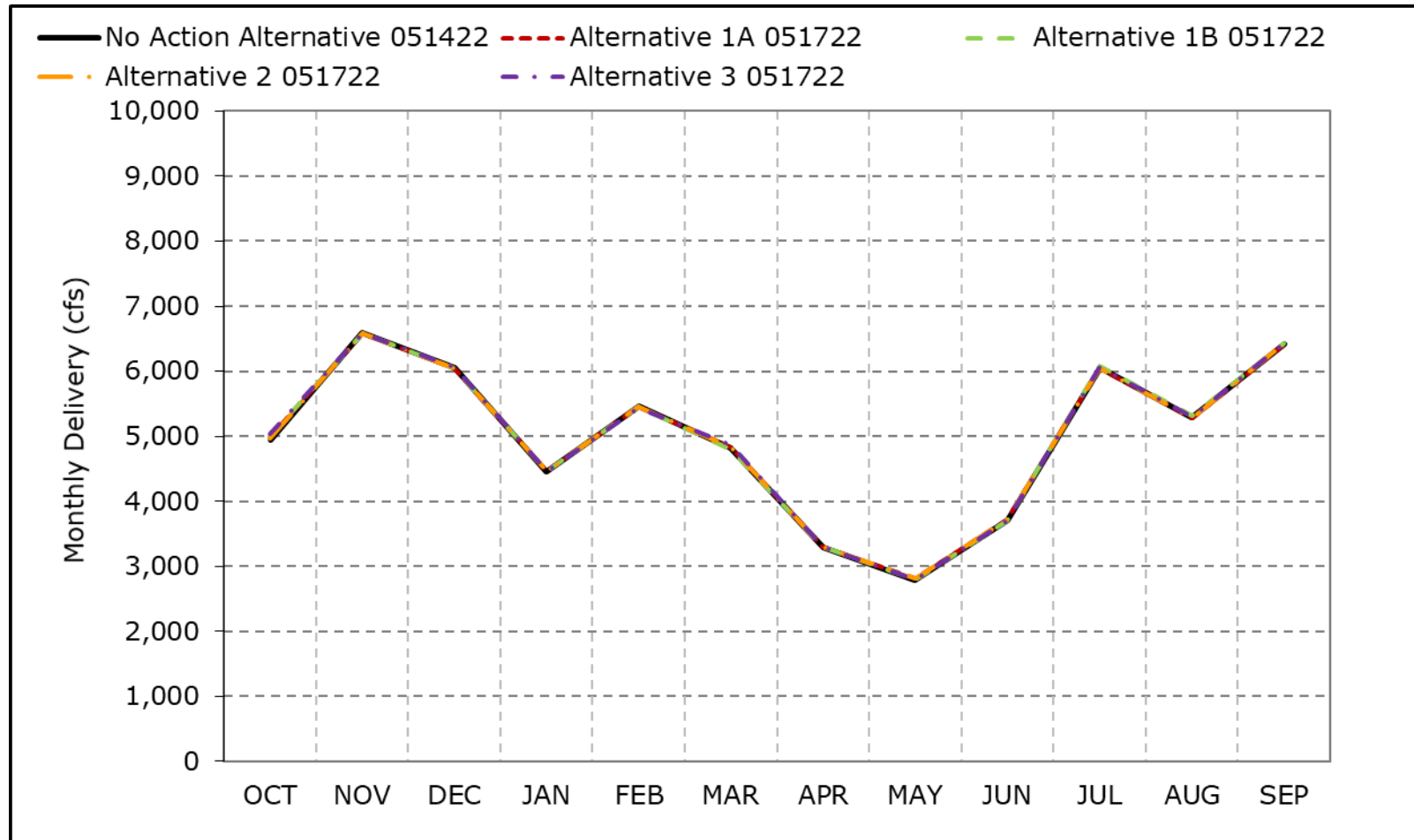
\* Water Year Types results are displayed with calendar year - year type sorting.

**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.  
 \*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



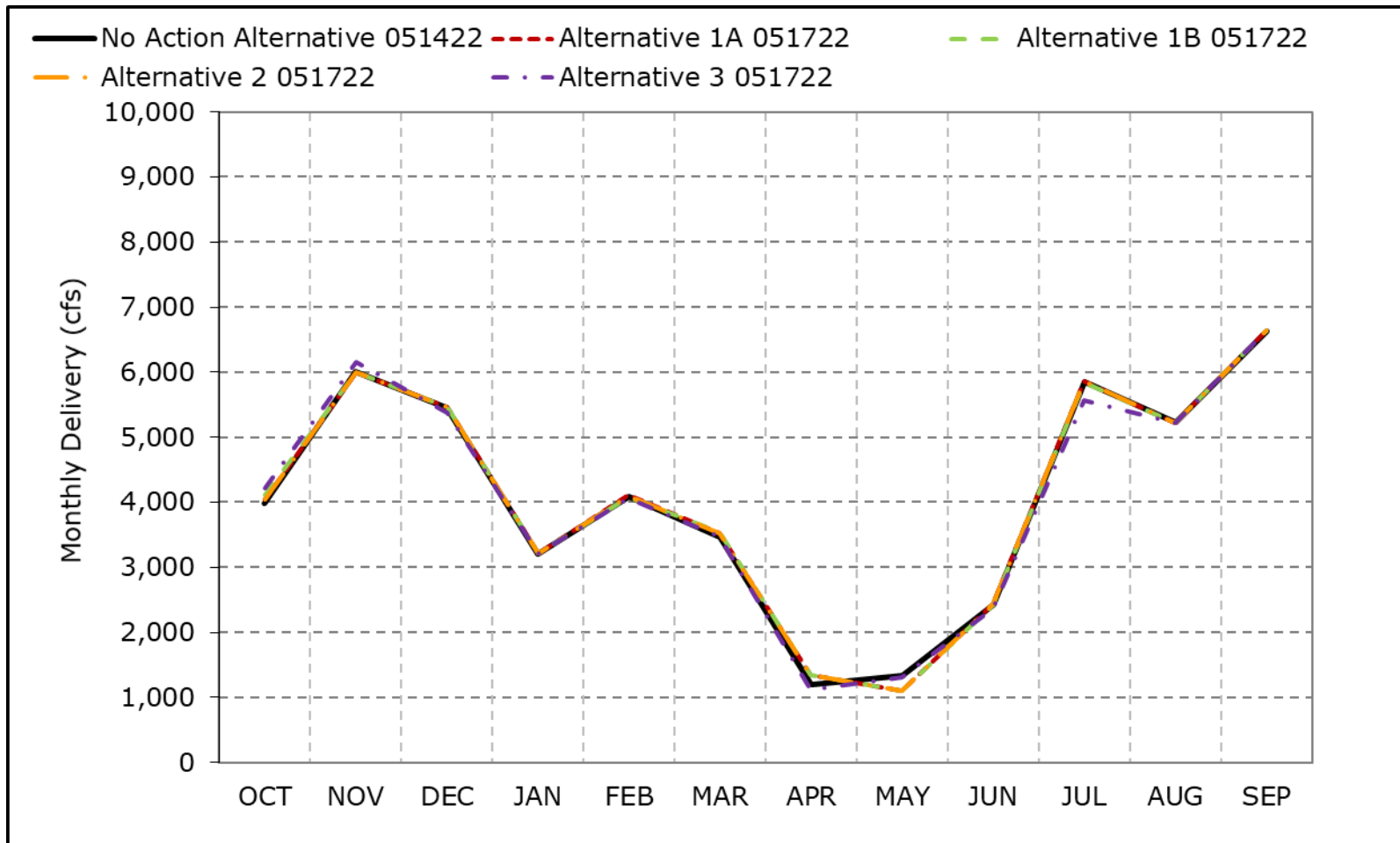
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.



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

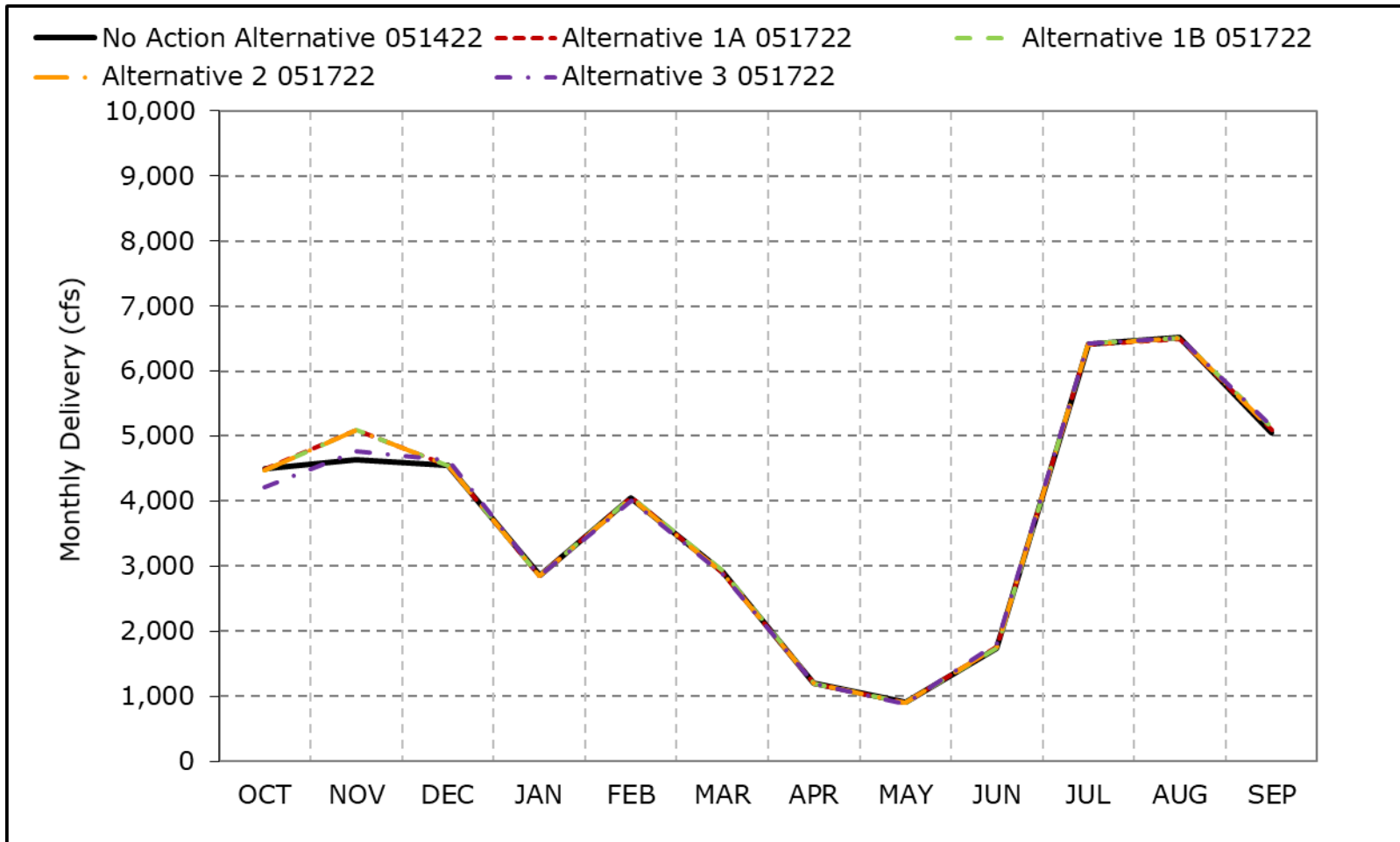


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

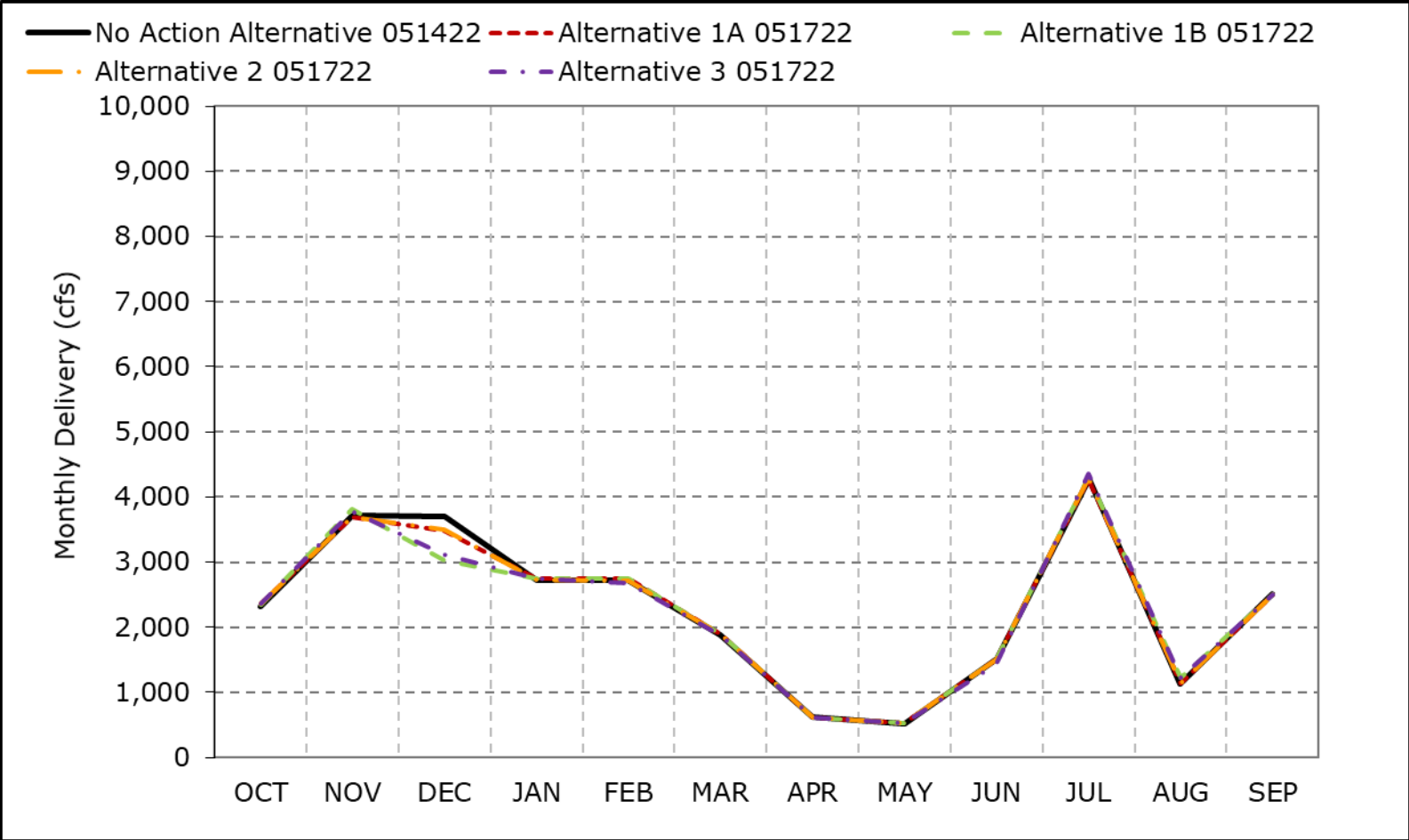


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

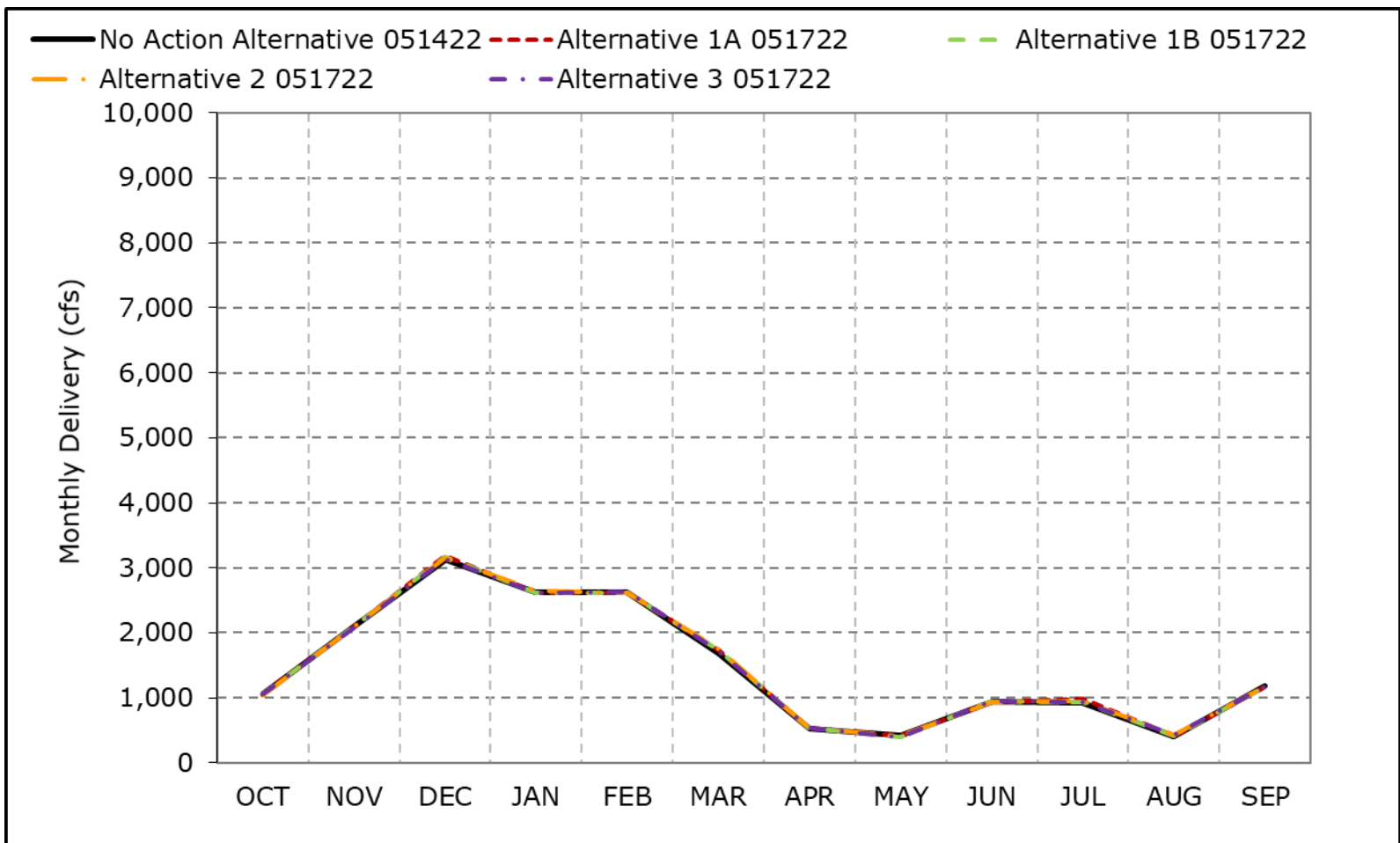
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**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.  
 \*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

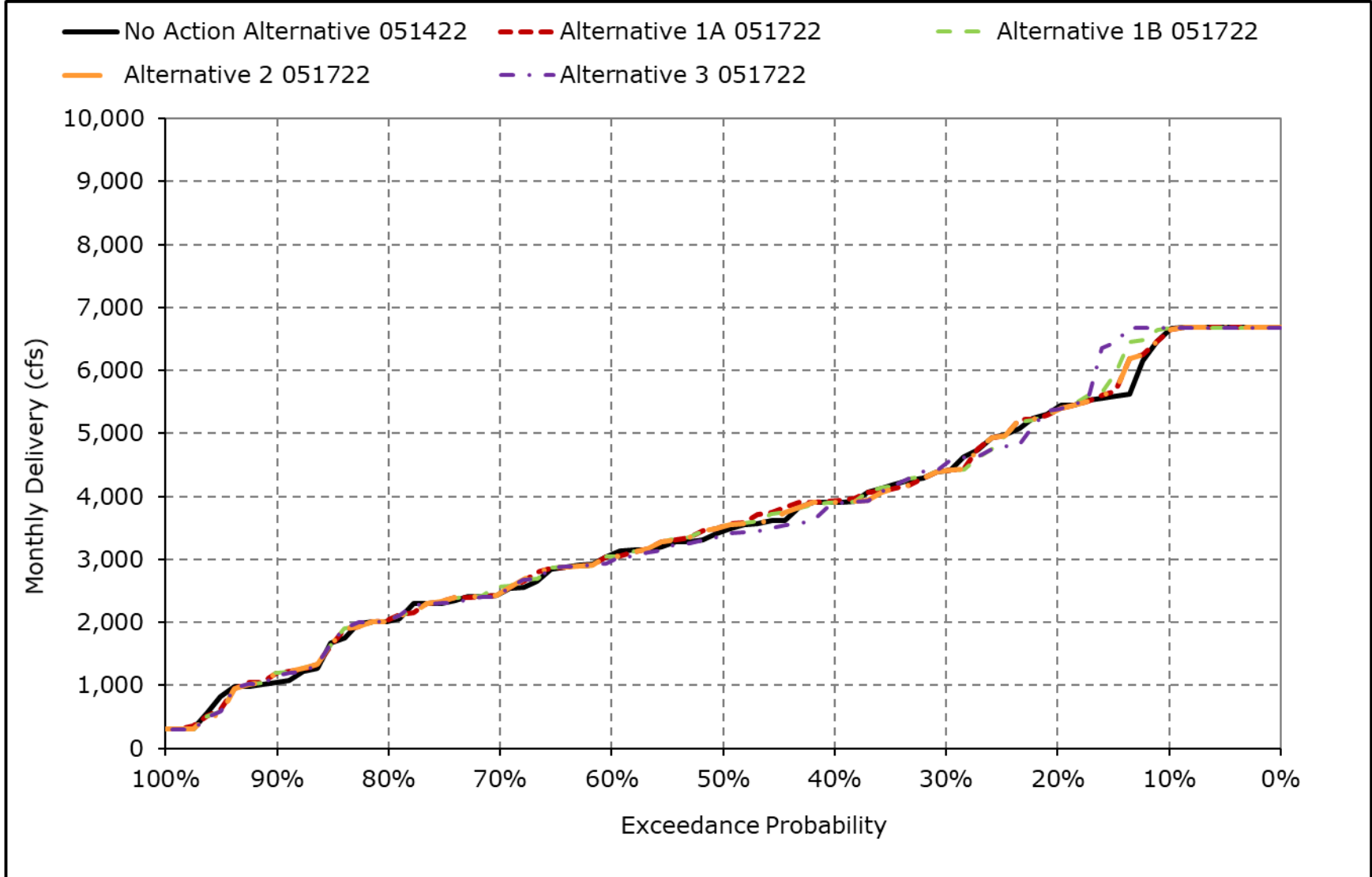


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

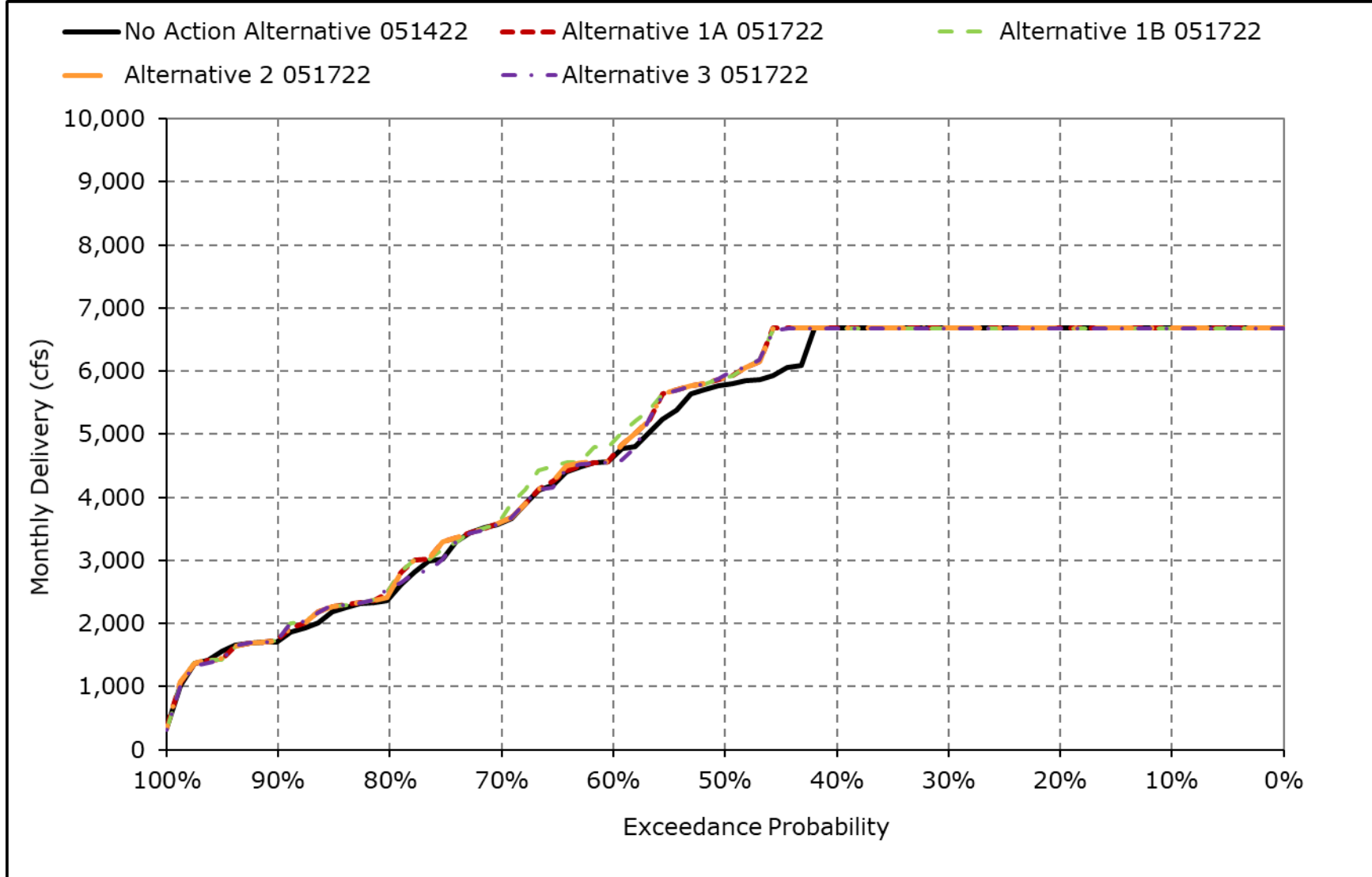
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



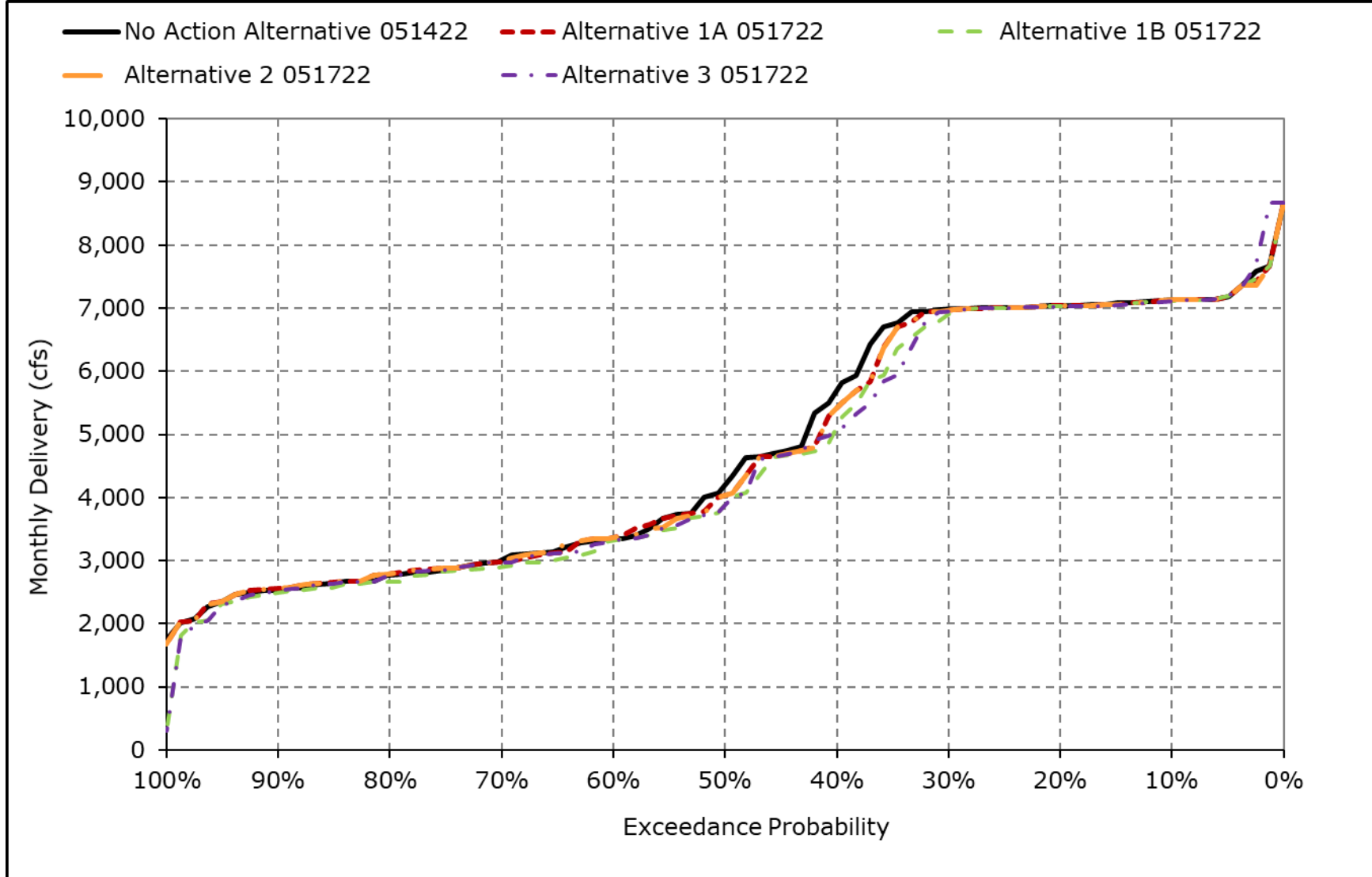
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



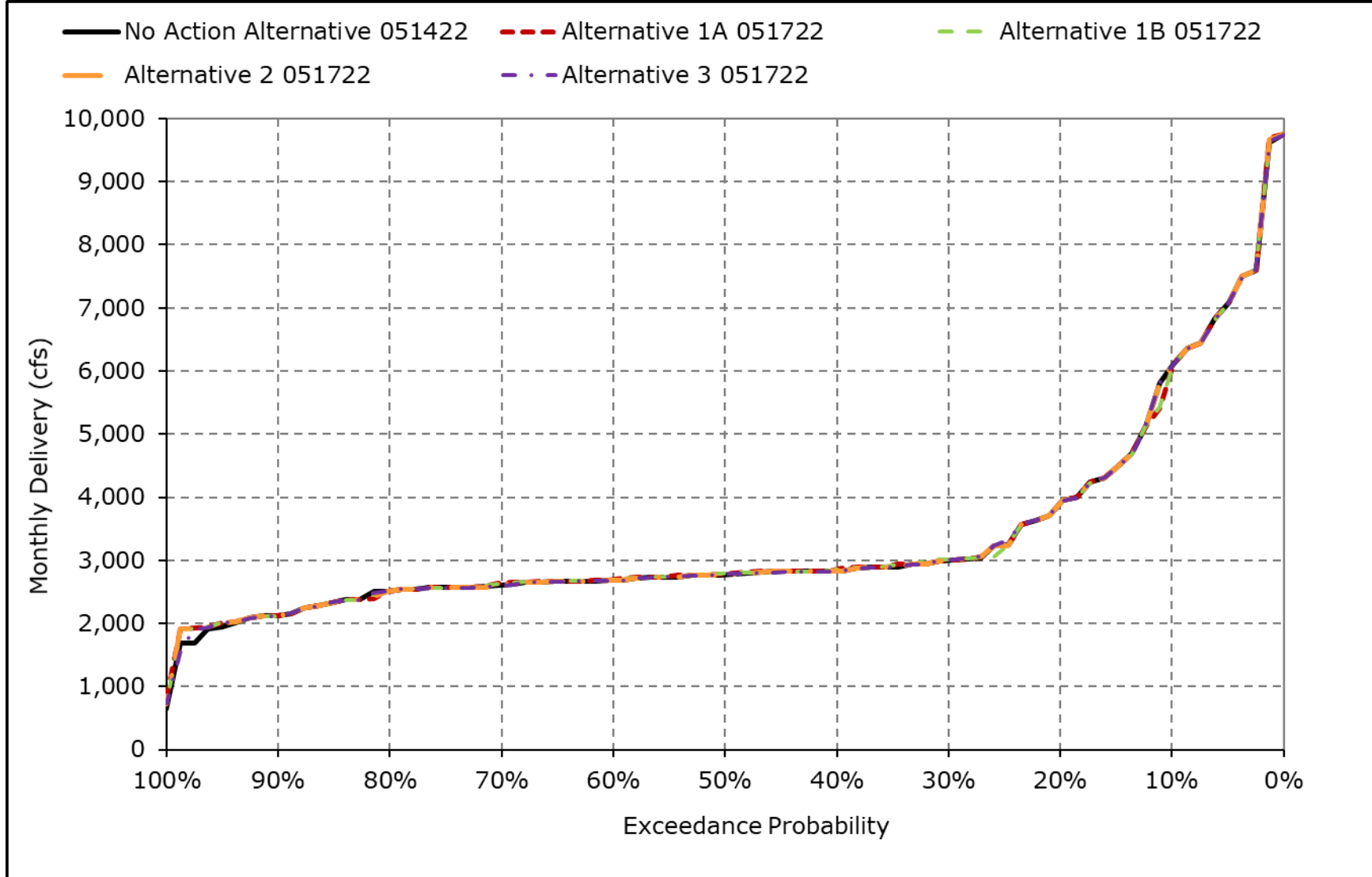
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

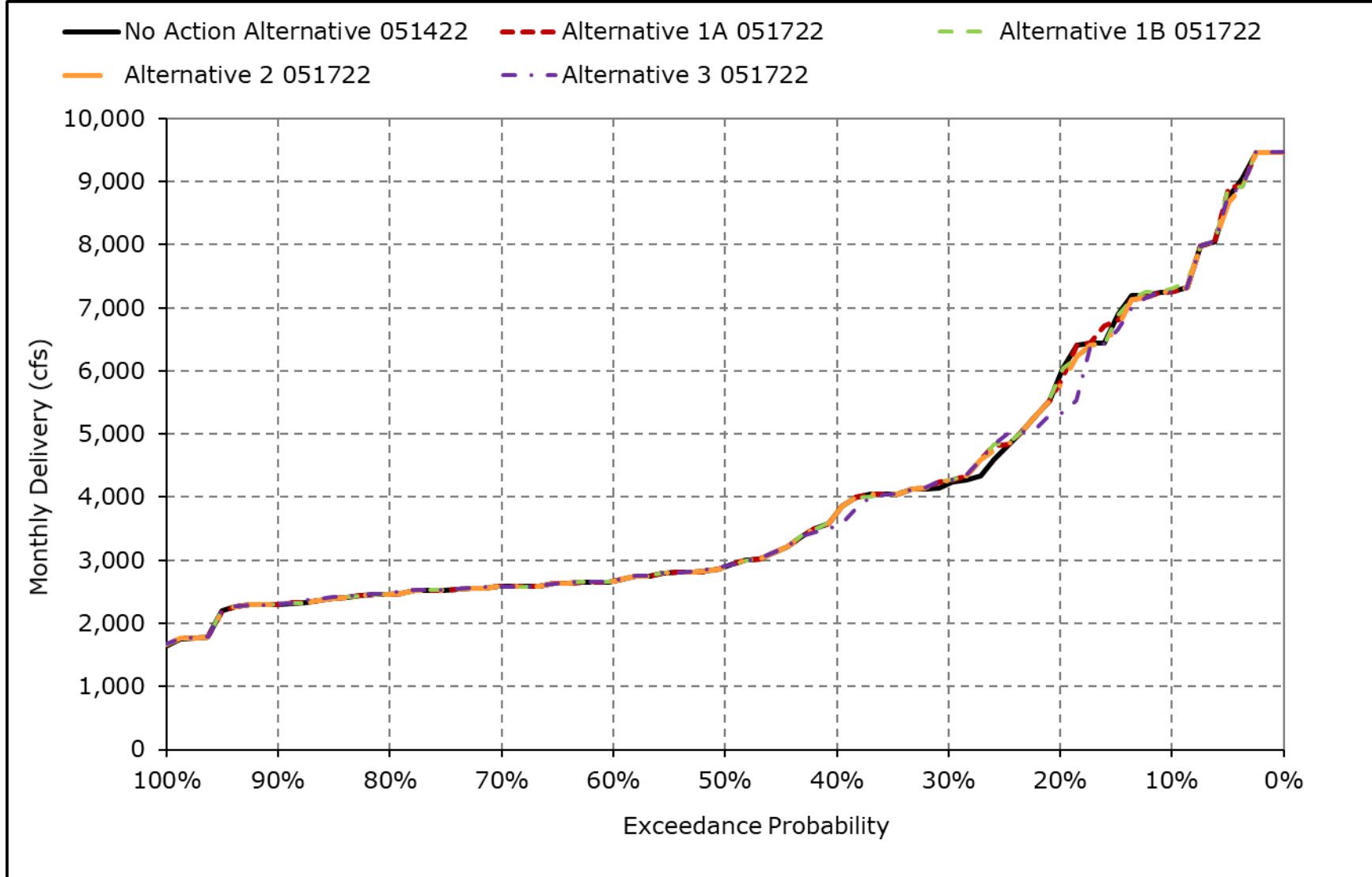
**Figure 5B4-5-10. SWP and CVP Banks PP Exports, January**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

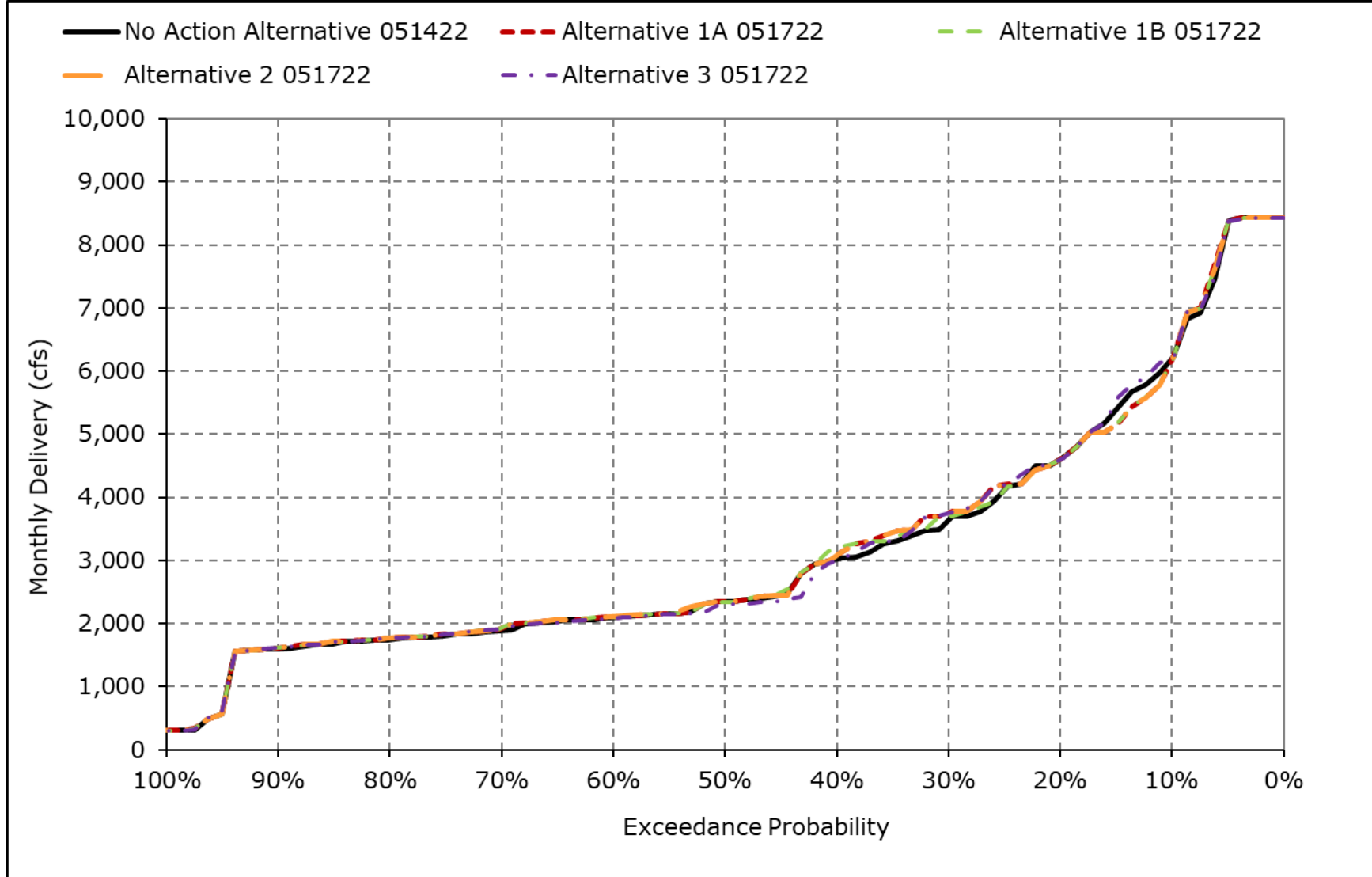


**Figure 5B4-5-11. SWP and CVP Banks PP Exports, February**



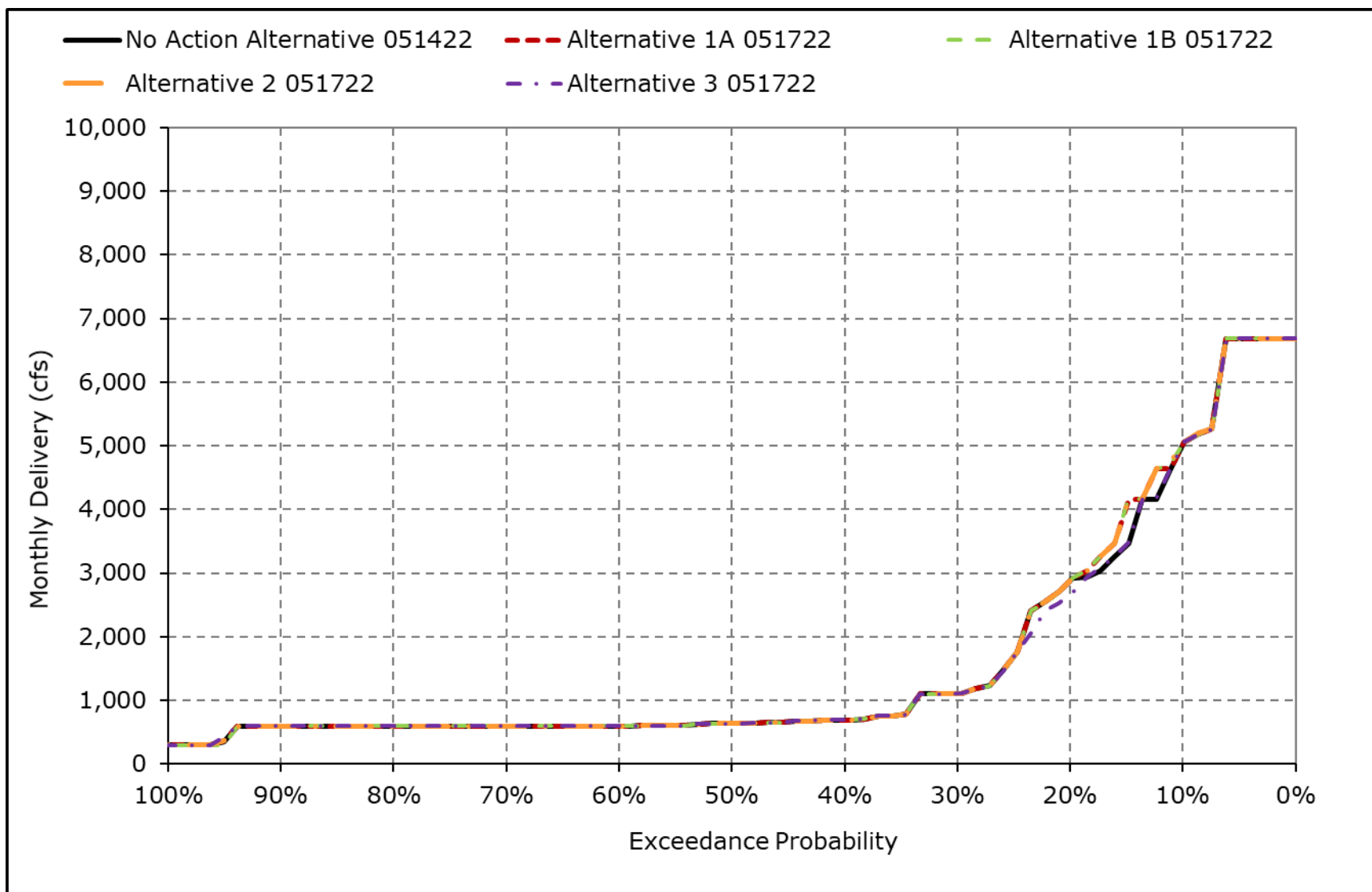
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



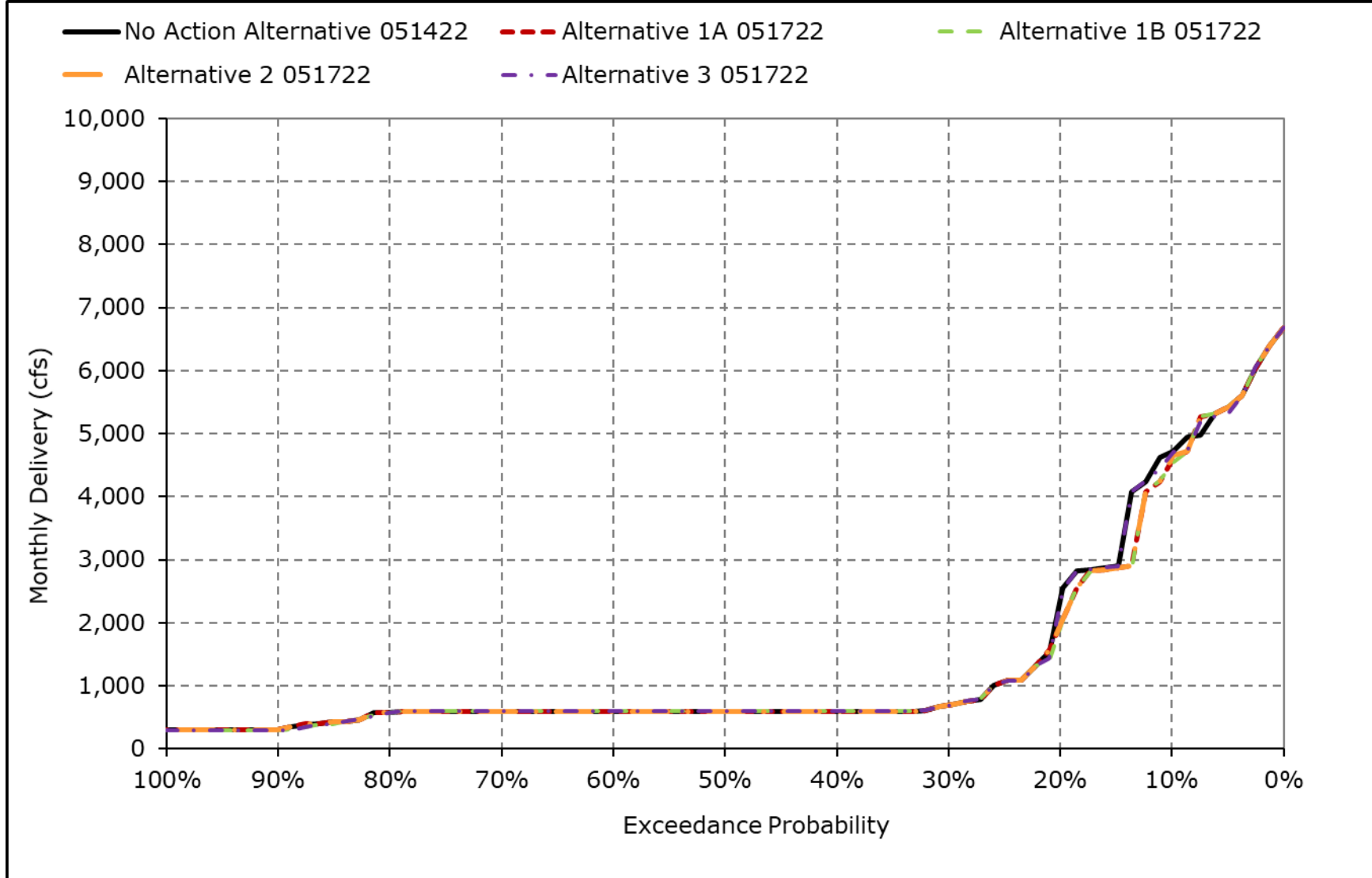
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



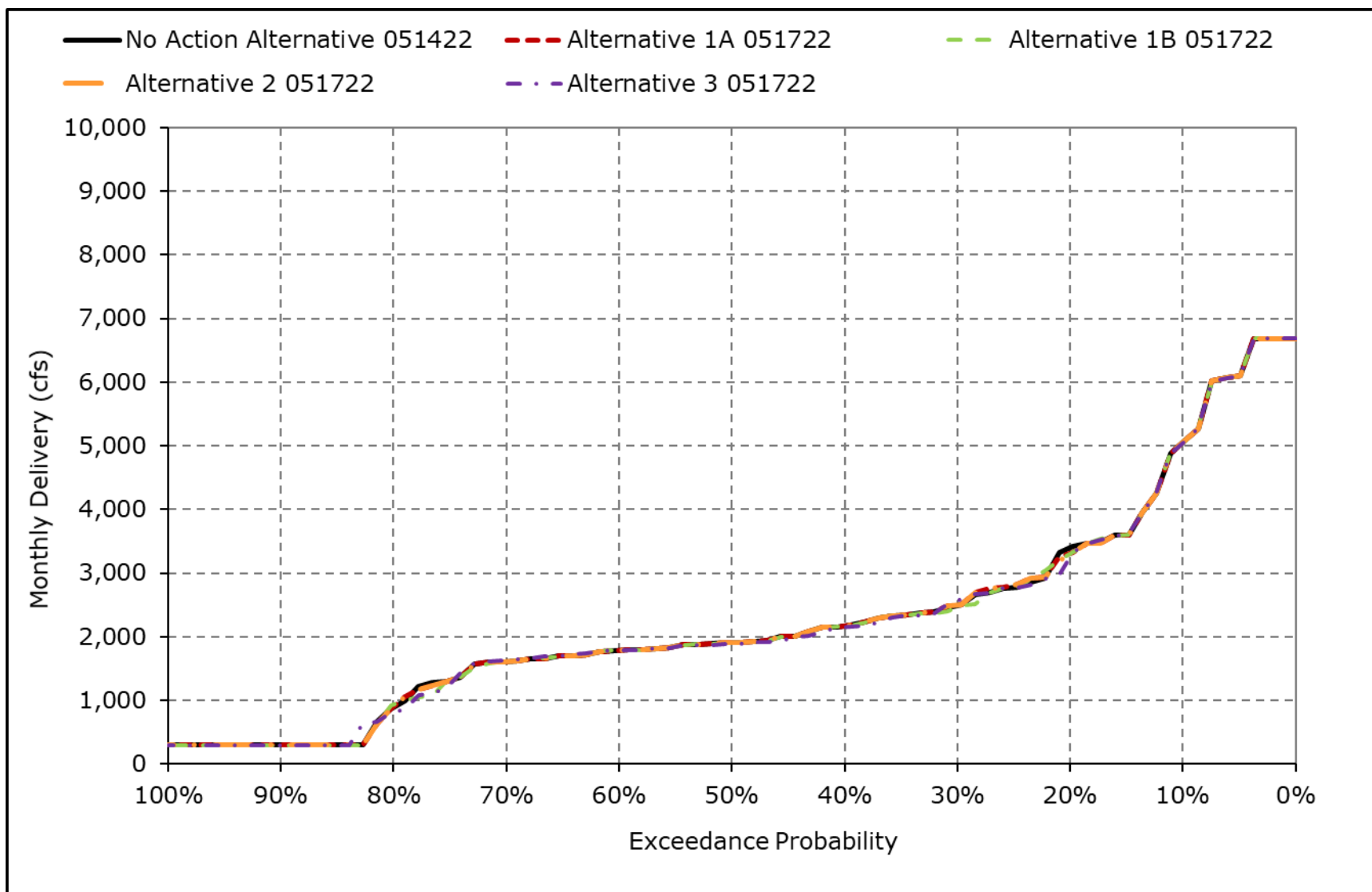
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



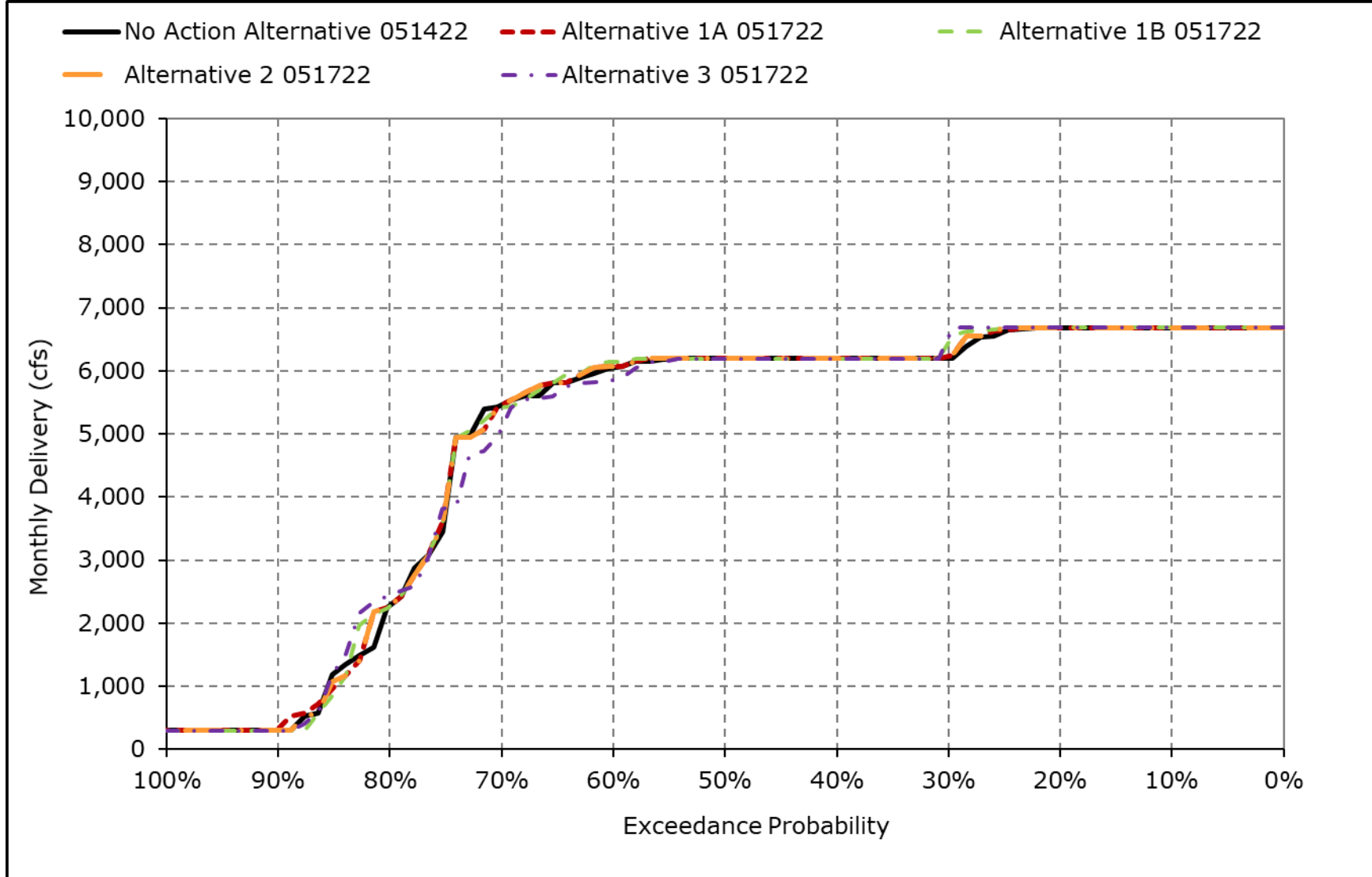
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



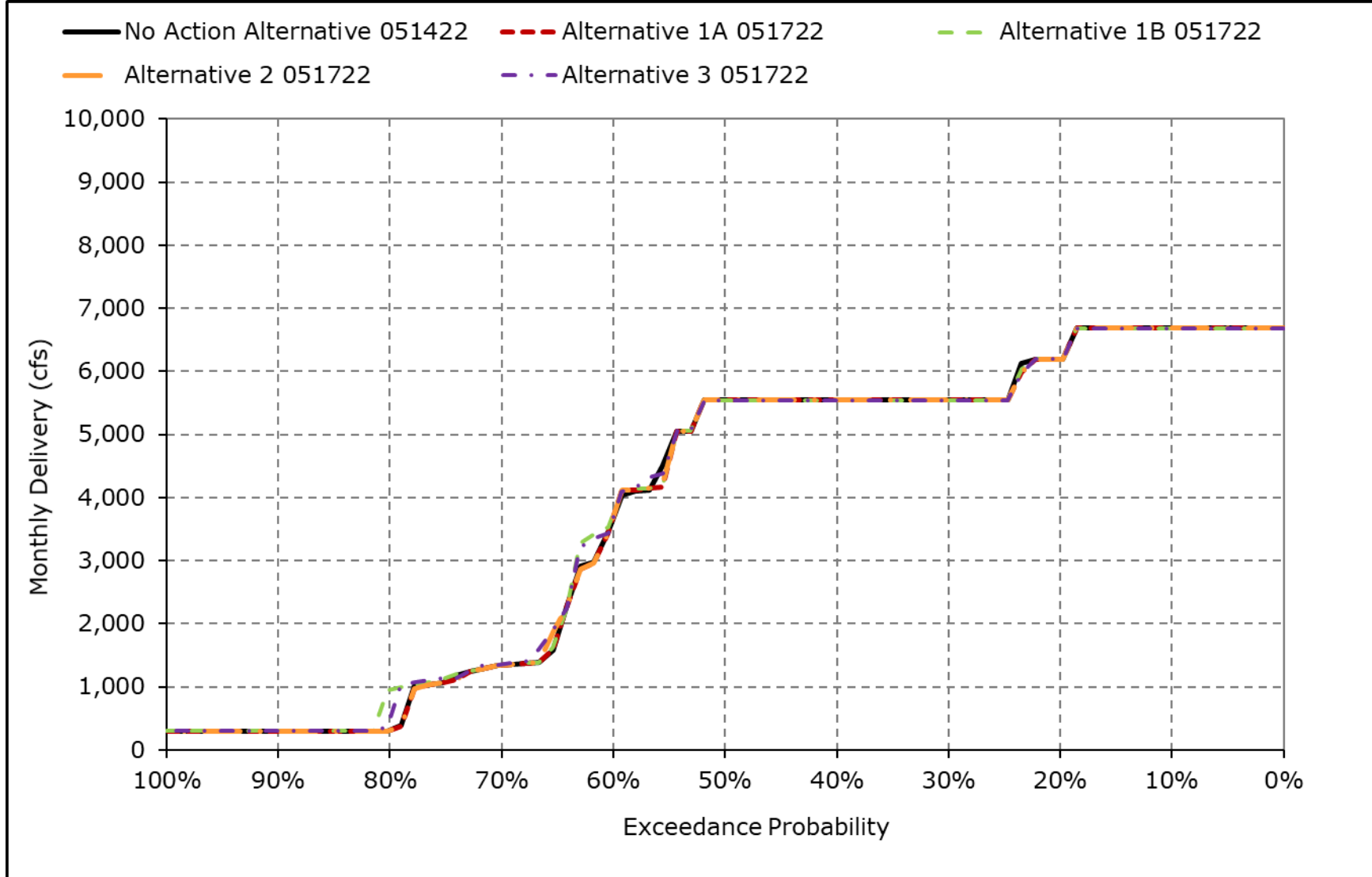
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



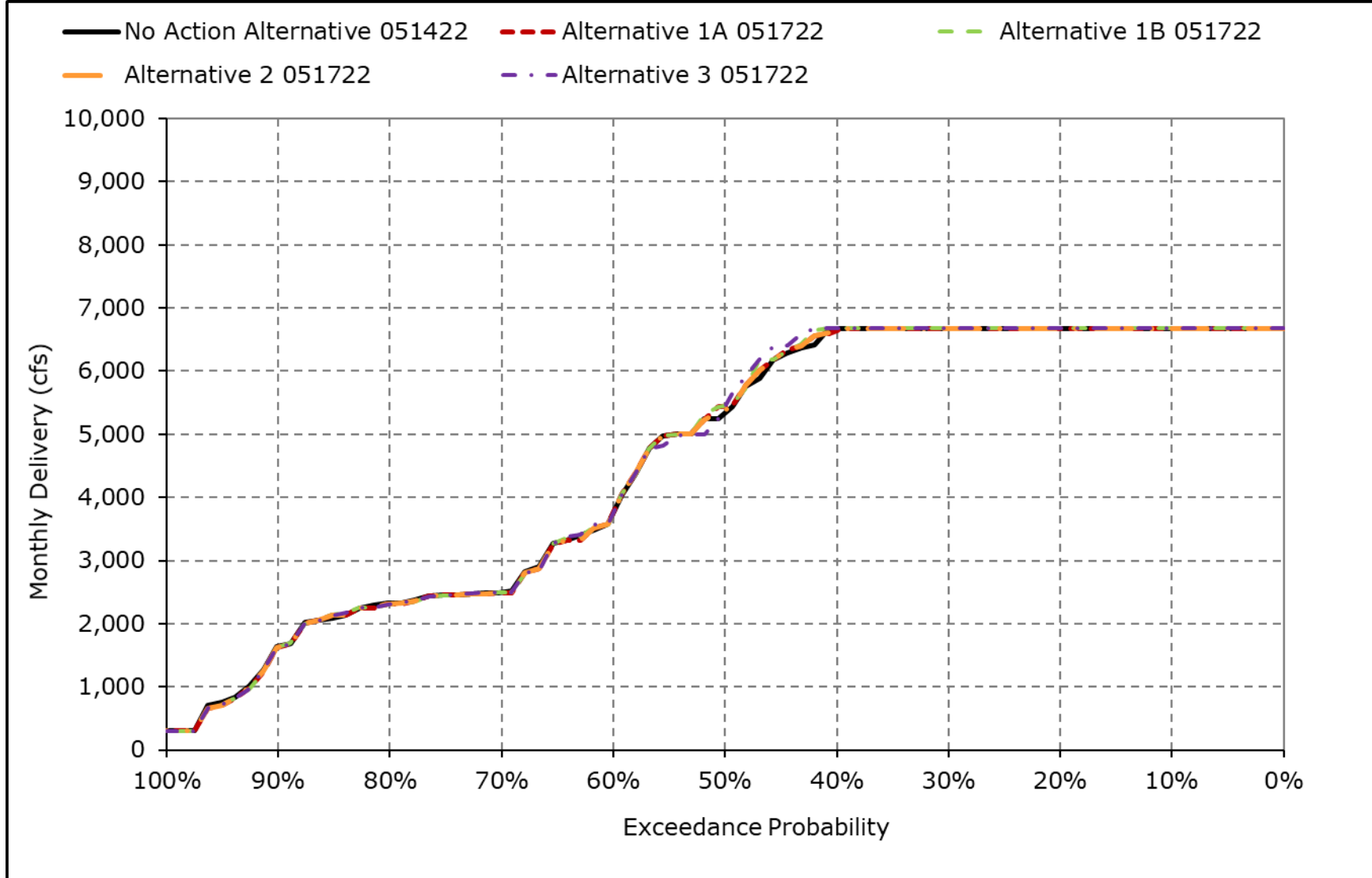
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.



**Table 5B4-6-1a. Barker Slough Pumping Plant, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	154	175	175	175	175	175	175	175	175	159	153	175
20% Exceedance	154	175	175	175	175	175	175	175	175	150	113	171
30% Exceedance	153	128	175	175	175	175	175	175	175	111	110	151
40% Exceedance	140	128	175	175	175	175	175	175	167	110	110	127
50% Exceedance	111	120	175	175	175	175	175	175	159	106	105	111
60% Exceedance	107	84	175	175	175	175	175	175	128	105	104	110
70% Exceedance	102	81	160	175	175	175	175	163	119	98	98	110
80% Exceedance	89	70	83	175	175	175	175	135	115	97	96	108
90% Exceedance	88	63	63	175	143	105	110	83	70	65	96	103
<b>Full Simulation Period Average<sup>a</sup></b>	120	115	145	167	165	161	159	154	141	112	109	130
<b>Wet Water Years (32%)</b>	146	136	152	175	175	175	175	175	169	127	116	119
<b>Above Normal Water Years (15%)</b>	122	116	164	174	175	175	175	171	148	105	105	111
<b>Below Normal Water Years (17%)</b>	122	122	138	168	169	175	175	158	132	97	96	134
<b>Dry Water Years (22%)</b>	109	104	133	170	160	154	149	149	143	132	126	157
<b>Critical Water Years (15%)</b>	80	80	141	138	135	110	103	92	78	73	87	125

**Table 5B4-6-1b. Barker Slough Pumping Plant, Alternative 1A 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	155	175	175	175	175	175	175	175	175	175	173	175
20% Exceedance	154	175	175	175	175	175	175	175	175	151	131	175
30% Exceedance	154	128	175	175	175	175	175	175	175	130	122	159
40% Exceedance	145	128	175	175	175	175	175	175	167	119	119	139
50% Exceedance	111	115	175	175	175	175	175	175	159	119	118	128
60% Exceedance	107	84	175	175	175	175	175	175	128	111	110	111
70% Exceedance	102	81	123	175	175	175	175	163	119	110	110	110
80% Exceedance	101	77	83	175	175	175	175	135	115	105	105	110
90% Exceedance	88	60	63	175	141	105	110	82	70	81	101	108
<b>Full Simulation Period Average<sup>a</sup></b>	123	115	144	167	165	161	159	153	141	122	120	135
<b>Wet Water Years (32%)</b>	146	136	152	175	175	175	175	175	169	130	120	122
<b>Above Normal Water Years (15%)</b>	122	116	160	174	175	175	175	171	148	107	106	113
<b>Below Normal Water Years (17%)</b>	116	122	138	168	169	175	175	158	132	118	118	143
<b>Dry Water Years (22%)</b>	118	106	133	170	159	154	149	146	143	150	142	163
<b>Critical Water Years (15%)</b>	91	77	133	138	136	111	107	92	78	82	100	133

**Table 5B4-6-1c. Barker Slough Pumping Plant, Alternative 1A 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	0	0	0	16	20	0
20% Exceedance	0	0	0	0	0	0	0	0	0	1	18	4
30% Exceedance	1	0	0	0	0	0	0	0	0	19	12	8
40% Exceedance	5	0	0	0	0	0	0	0	0	9	9	13
50% Exceedance	0	-5	0	0	0	0	0	0	0	13	13	18
60% Exceedance	0	0	0	0	0	0	0	0	0	6	6	1
70% Exceedance	1	0	-37	0	0	0	0	0	0	12	12	0
80% Exceedance	12	7	0	0	0	0	0	0	0	8	8	3
90% Exceedance	0	-3	0	0	-3	0	0	-1	0	16	6	5
<b>Full Simulation Period Average<sup>a</sup></b>	3	0	-2	0	0	0	1	-1	0	10	10	5
<b>Wet Water Years (32%)</b>	0	0	0	0	0	0	0	0	0	3	3	3
<b>Above Normal Water Years (15%)</b>	0	0	-3	0	0	0	0	0	0	2	2	2
<b>Below Normal Water Years (17%)</b>	-5	0	0	0	0	0	0	0	0	21	21	9
<b>Dry Water Years (22%)</b>	8	2	0	0	-2	0	0	-2	0	18	16	6
<b>Critical Water Years (15%)</b>	11	-3	-8	0	1	1	4	0	0	9	14	8

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-6-2a. Barker Slough Pumping Plant, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	154	175	175	175	175	175	175	175	175	159	153	175
<b>20% Exceedance</b>	154	175	175	175	175	175	175	175	175	150	113	171
<b>30% Exceedance</b>	153	128	175	175	175	175	175	175	175	111	110	151
<b>40% Exceedance</b>	140	128	175	175	175	175	175	175	167	110	110	127
<b>50% Exceedance</b>	111	120	175	175	175	175	175	175	159	106	105	111
<b>60% Exceedance</b>	107	84	175	175	175	175	175	175	128	105	104	110
<b>70% Exceedance</b>	102	81	160	175	175	175	175	163	119	98	98	110
<b>80% Exceedance</b>	89	70	83	175	175	175	175	135	115	97	96	108
<b>90% Exceedance</b>	88	63	63	175	143	105	110	83	70	65	96	103
<b>Full Simulation Period Average<sup>a</sup></b>	120	115	145	167	165	161	159	154	141	112	109	130
<b>Wet Water Years (32%)</b>	146	136	152	175	175	175	175	175	169	127	116	119
<b>Above Normal Water Years (15%)</b>	122	116	164	174	175	175	175	171	148	105	105	111
<b>Below Normal Water Years (17%)</b>	122	122	138	168	169	175	175	158	132	97	96	134
<b>Dry Water Years (22%)</b>	109	104	133	170	160	154	149	149	143	132	126	157
<b>Critical Water Years (15%)</b>	80	80	141	138	135	110	103	92	78	73	87	125

**Table 5B4-6-2b. Barker Slough Pumping Plant, Alternative 1B 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	155	175	175	175	175	175	175	175	175	175	173	175
<b>20% Exceedance</b>	154	175	175	175	175	175	175	175	175	151	131	175
<b>30% Exceedance</b>	154	128	175	175	175	175	175	175	175	132	122	159
<b>40% Exceedance</b>	145	128	175	175	175	175	175	175	167	119	119	139
<b>50% Exceedance</b>	111	114	175	175	175	175	175	175	159	119	118	127
<b>60% Exceedance</b>	107	84	175	175	175	175	175	175	128	111	110	111
<b>70% Exceedance</b>	102	81	121	175	175	175	175	163	119	110	110	110
<b>80% Exceedance</b>	101	66	83	175	175	175	175	135	115	105	105	109
<b>90% Exceedance</b>	88	60	63	175	102	105	110	82	70	82	101	108
<b>Full Simulation Period Average<sup>a</sup></b>	123	115	144	167	164	161	159	153	141	123	120	135
<b>Wet Water Years (32%)</b>	146	136	152	175	175	175	175	175	169	130	120	122
<b>Above Normal Water Years (15%)</b>	126	116	159	174	175	175	175	171	148	107	106	110
<b>Below Normal Water Years (17%)</b>	116	122	138	168	169	175	175	158	132	118	118	143
<b>Dry Water Years (22%)</b>	117	103	133	170	155	154	149	146	143	150	142	164
<b>Critical Water Years (15%)</b>	90	76	133	138	136	111	107	92	78	87	100	132

**Table 5B4-6-2c. Barker Slough Pumping Plant, Alternative 1B 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	0	0	0	0	0	0	0	0	0	16	20	0
<b>20% Exceedance</b>	0	0	0	0	0	0	0	0	0	1	18	4
<b>30% Exceedance</b>	1	0	0	0	0	0	0	0	0	21	12	8
<b>40% Exceedance</b>	5	0	0	0	0	0	0	0	0	9	9	13
<b>50% Exceedance</b>	0	-6	0	0	0	0	0	0	0	13	13	16
<b>60% Exceedance</b>	0	0	0	0	0	0	0	0	0	6	6	1
<b>70% Exceedance</b>	1	0	-38	0	0	0	0	0	0	12	12	0
<b>80% Exceedance</b>	12	-4	0	0	0	0	0	0	0	8	8	1
<b>90% Exceedance</b>	0	-3	0	0	-42	0	0	-1	0	17	6	5
<b>Full Simulation Period Average<sup>a</sup></b>	3	-1	-2	0	-1	0	1	-1	0	11	10	5
<b>Wet Water Years (32%)</b>	0	0	0	0	0	0	0	0	0	3	3	3
<b>Above Normal Water Years (15%)</b>	4	0	-5	0	0	0	0	0	0	2	2	-2
<b>Below Normal Water Years (17%)</b>	-5	0	0	0	0	0	0	0	0	21	21	9
<b>Dry Water Years (22%)</b>	8	-1	0	0	-6	0	0	-2	0	18	16	7
<b>Critical Water Years (15%)</b>	11	-4	-8	0	1	1	4	0	0	14	14	7

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-6-3a. Barker Slough Pumping Plant, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	154	175	175	175	175	175	175	175	175	159	153	175
20% Exceedance	154	175	175	175	175	175	175	175	175	150	113	171
30% Exceedance	153	128	175	175	175	175	175	175	175	111	110	151
40% Exceedance	140	128	175	175	175	175	175	175	167	110	110	127
50% Exceedance	111	120	175	175	175	175	175	175	159	106	105	111
60% Exceedance	107	84	175	175	175	175	175	175	128	105	104	110
70% Exceedance	102	81	160	175	175	175	175	163	119	98	98	110
80% Exceedance	89	70	83	175	175	175	175	135	115	97	96	108
90% Exceedance	88	63	63	175	143	105	110	83	70	65	96	103
<b>Full Simulation Period Average<sup>a</sup></b>	120	115	145	167	165	161	159	154	141	112	109	130
<b>Wet Water Years (32%)</b>	146	136	152	175	175	175	175	175	169	127	116	119
<b>Above Normal Water Years (15%)</b>	122	116	164	174	175	175	175	171	148	105	105	111
<b>Below Normal Water Years (17%)</b>	122	122	138	168	169	175	175	158	132	97	96	134
<b>Dry Water Years (22%)</b>	109	104	133	170	160	154	149	149	143	132	126	157
<b>Critical Water Years (15%)</b>	80	80	141	138	135	110	103	92	78	73	87	125

**Table 5B4-6-3b. Barker Slough Pumping Plant, Alternative 2 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	155	175	175	175	175	175	175	175	175	175	173	175
20% Exceedance	154	175	175	175	175	175	175	175	175	151	131	175
30% Exceedance	154	128	175	175	175	175	175	175	175	130	122	159
40% Exceedance	145	128	175	175	175	175	175	175	167	119	119	139
50% Exceedance	111	115	175	175	175	175	175	175	159	119	118	126
60% Exceedance	107	84	175	175	175	175	175	175	128	111	110	111
70% Exceedance	102	81	123	175	175	175	175	163	119	110	110	110
80% Exceedance	100	77	83	175	175	175	175	135	115	105	105	109
90% Exceedance	88	61	63	175	143	105	110	82	70	81	101	108
<b>Full Simulation Period Average<sup>a</sup></b>	123	115	144	167	165	161	159	153	141	122	120	135
<b>Wet Water Years (32%)</b>	146	136	152	175	175	175	175	175	169	130	120	122
<b>Above Normal Water Years (15%)</b>	122	116	161	174	175	175	175	171	148	107	106	113
<b>Below Normal Water Years (17%)</b>	119	122	138	168	169	175	175	158	132	118	118	143
<b>Dry Water Years (22%)</b>	115	106	135	170	160	154	149	146	143	150	142	163
<b>Critical Water Years (15%)</b>	91	77	133	138	136	111	107	92	78	82	100	131

**Table 5B4-6-3c. Barker Slough Pumping Plant, Alternative 2 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	0	0	0	16	20	0
20% Exceedance	0	0	0	0	0	0	0	0	0	1	18	4
30% Exceedance	1	0	0	0	0	0	0	0	0	19	12	8
40% Exceedance	5	0	0	0	0	0	0	0	0	9	9	13
50% Exceedance	0	-5	0	0	0	0	0	0	0	13	13	15
60% Exceedance	0	0	0	0	0	0	0	0	0	6	6	1
70% Exceedance	1	0	-36	0	0	0	0	0	0	12	12	0
80% Exceedance	11	7	0	0	0	0	0	0	0	8	8	1
90% Exceedance	0	-2	0	0	0	0	0	-1	0	16	6	5
<b>Full Simulation Period Average<sup>a</sup></b>	3	0	-1	0	0	0	1	-1	0	10	10	5
<b>Wet Water Years (32%)</b>	0	0	0	0	0	0	0	0	0	3	3	3
<b>Above Normal Water Years (15%)</b>	0	0	-3	0	0	0	0	0	0	2	2	2
<b>Below Normal Water Years (17%)</b>	-2	0	0	0	0	0	0	0	0	21	21	9
<b>Dry Water Years (22%)</b>	6	2	2	0	0	0	0	-2	0	18	16	6
<b>Critical Water Years (15%)</b>	11	-3	-8	0	1	1	4	0	0	9	14	6

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-6-4a. Barker Slough Pumping Plant, No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	154	175	175	175	175	175	175	175	175	159	153	175
<b>20% Exceedance</b>	154	175	175	175	175	175	175	175	175	150	113	171
<b>30% Exceedance</b>	153	128	175	175	175	175	175	175	175	111	110	151
<b>40% Exceedance</b>	140	128	175	175	175	175	175	175	167	110	110	127
<b>50% Exceedance</b>	111	120	175	175	175	175	175	175	159	106	105	111
<b>60% Exceedance</b>	107	84	175	175	175	175	175	175	128	105	104	110
<b>70% Exceedance</b>	102	81	160	175	175	175	175	163	119	98	98	110
<b>80% Exceedance</b>	89	70	83	175	175	175	175	135	115	97	96	108
<b>90% Exceedance</b>	88	63	63	175	143	105	110	83	70	65	96	103
<b>Full Simulation Period Average<sup>a</sup></b>	120	115	145	167	165	161	159	154	141	112	109	130
<b>Wet Water Years (32%)</b>	146	136	152	175	175	175	175	175	169	127	116	119
<b>Above Normal Water Years (15%)</b>	122	116	164	174	175	175	175	171	148	105	105	111
<b>Below Normal Water Years (17%)</b>	122	122	138	168	169	175	175	158	132	97	96	134
<b>Dry Water Years (22%)</b>	109	104	133	170	160	154	149	149	143	132	126	157
<b>Critical Water Years (15%)</b>	80	80	141	138	135	110	103	92	78	73	87	125

**Table 5B4-6-4b. Barker Slough Pumping Plant, Alternative 3 051722, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	160	175	175	175	175	175	175	175	175	175	173	175
<b>20% Exceedance</b>	154	175	175	175	175	175	175	175	175	151	131	175
<b>30% Exceedance</b>	154	128	175	175	175	175	175	175	175	131	120	159
<b>40% Exceedance</b>	150	128	175	175	175	175	175	175	167	119	118	140
<b>50% Exceedance</b>	131	119	175	175	175	175	175	175	159	119	114	125
<b>60% Exceedance</b>	111	84	175	175	175	175	175	175	128	110	110	111
<b>70% Exceedance</b>	104	81	139	175	175	175	175	163	119	107	110	110
<b>80% Exceedance</b>	102	63	83	175	175	175	175	135	115	105	105	108
<b>90% Exceedance</b>	89	60	63	175	143	105	110	82	70	81	97	108
<b>Full Simulation Period Average<sup>a</sup></b>	126	114	145	167	165	161	159	153	141	122	119	134
<b>Wet Water Years (32%)</b>	146	136	152	175	175	175	175	175	169	130	120	122
<b>Above Normal Water Years (15%)</b>	134	112	162	174	175	175	175	171	148	105	105	108
<b>Below Normal Water Years (17%)</b>	133	122	138	168	169	175	175	158	132	116	116	147
<b>Dry Water Years (22%)</b>	111	103	133	170	160	154	149	146	143	150	142	163
<b>Critical Water Years (15%)</b>	90	76	141	138	136	109	108	92	78	86	100	129

**Table 5B4-6-4c. Barker Slough Pumping Plant, Alternative 3 051722 minus No Action Alternative 051422, Monthly Delivery (cfs)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	6	0	0	0	0	0	0	0	0	16	20	0
<b>20% Exceedance</b>	0	0	0	0	0	0	0	0	0	1	18	4
<b>30% Exceedance</b>	1	0	0	0	0	0	0	0	0	21	10	8
<b>40% Exceedance</b>	11	0	0	0	0	0	0	0	0	9	9	13
<b>50% Exceedance</b>	20	-1	0	0	0	0	0	0	0	13	9	14
<b>60% Exceedance</b>	3	0	0	0	0	0	0	0	0	5	6	0
<b>70% Exceedance</b>	2	0	-21	0	0	0	0	0	0	9	12	0
<b>80% Exceedance</b>	13	-6	0	0	0	0	0	0	0	8	8	0
<b>90% Exceedance</b>	1	-3	0	0	0	0	0	-1	0	16	1	5
<b>Full Simulation Period Average<sup>a</sup></b>	6	-1	0	0	0	0	1	-1	0	10	10	5
<b>Wet Water Years (32%)</b>	0	0	0	0	0	0	0	0	0	3	3	3
<b>Above Normal Water Years (15%)</b>	12	-4	-2	0	0	0	0	0	0	0	0	-4
<b>Below Normal Water Years (17%)</b>	11	0	0	0	0	0	0	0	0	19	19	13
<b>Dry Water Years (22%)</b>	2	-2	0	0	0	0	0	-2	0	18	16	6
<b>Critical Water Years (15%)</b>	11	-4	0	0	1	0	5	0	0	13	13	4

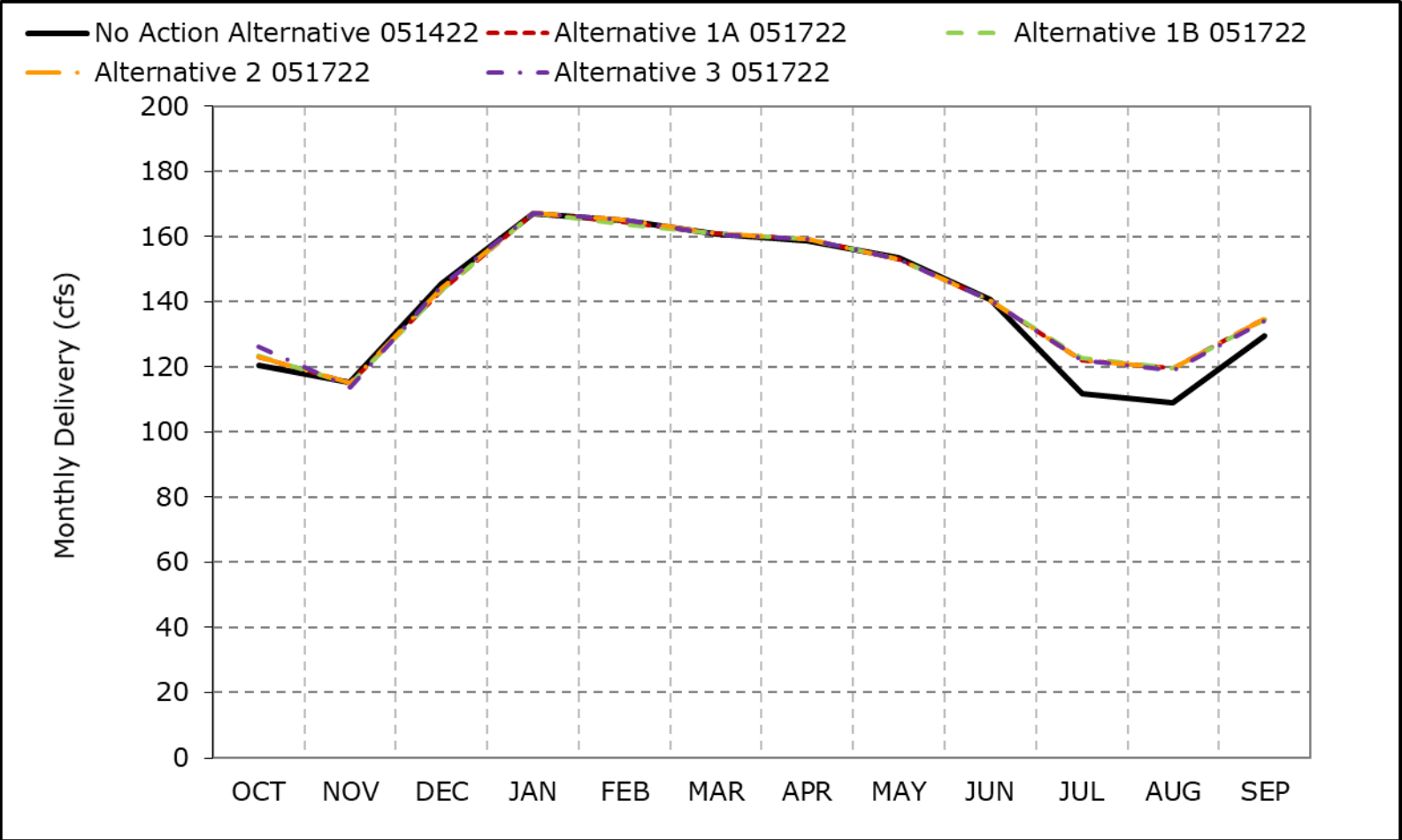
<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

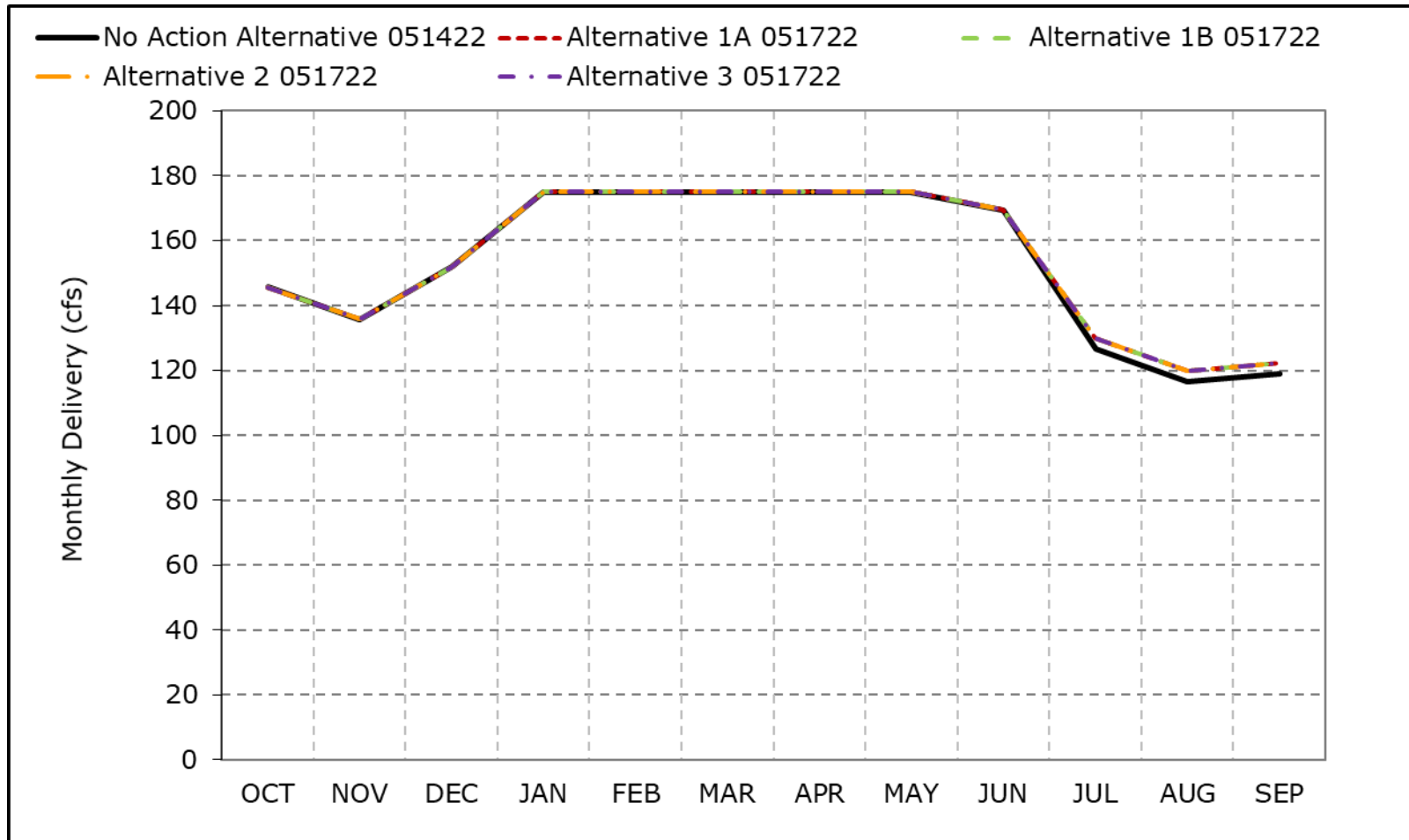
\* Water Year Types results are displayed with calendar year - year type sorting.

**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.  
 \*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

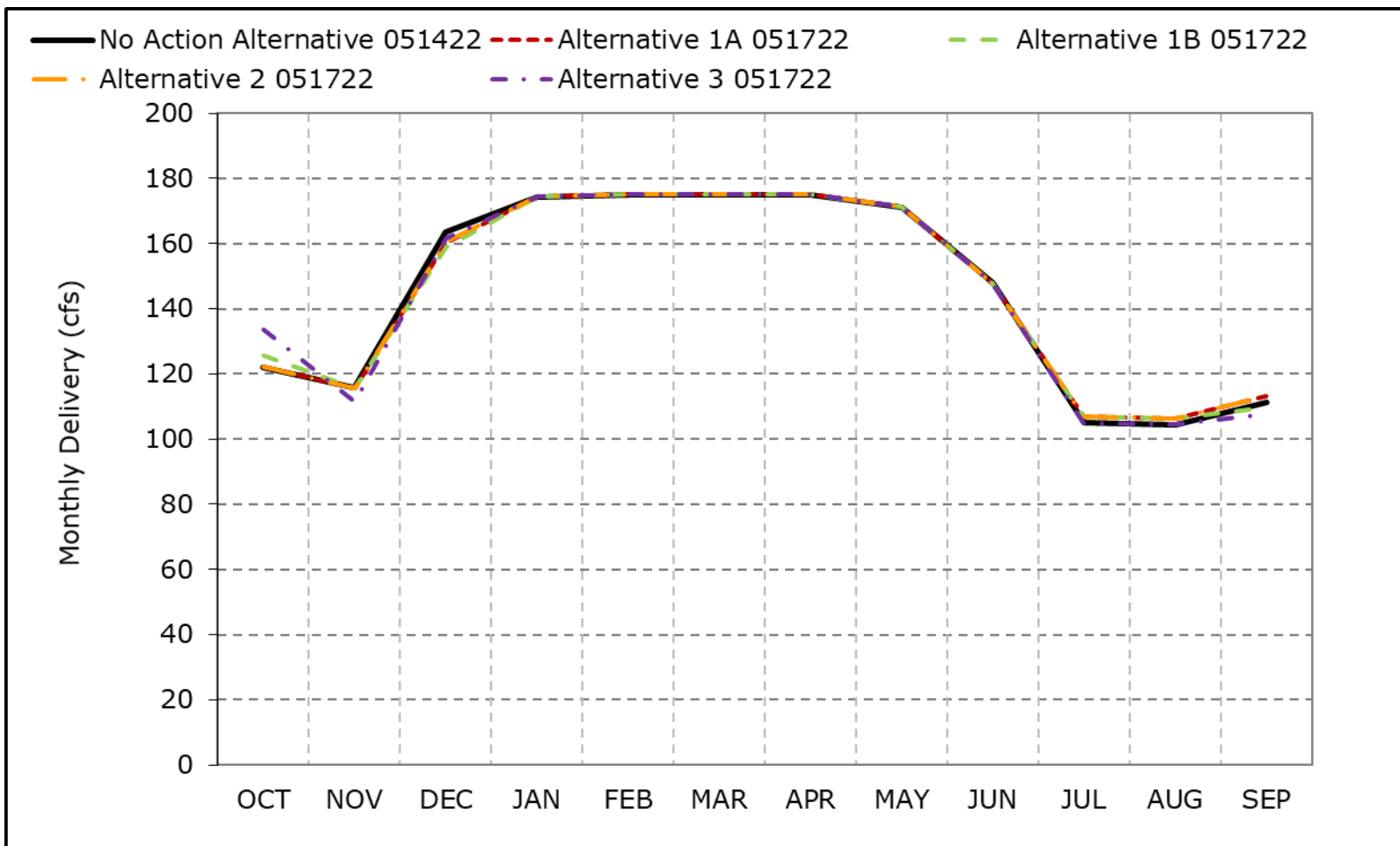


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

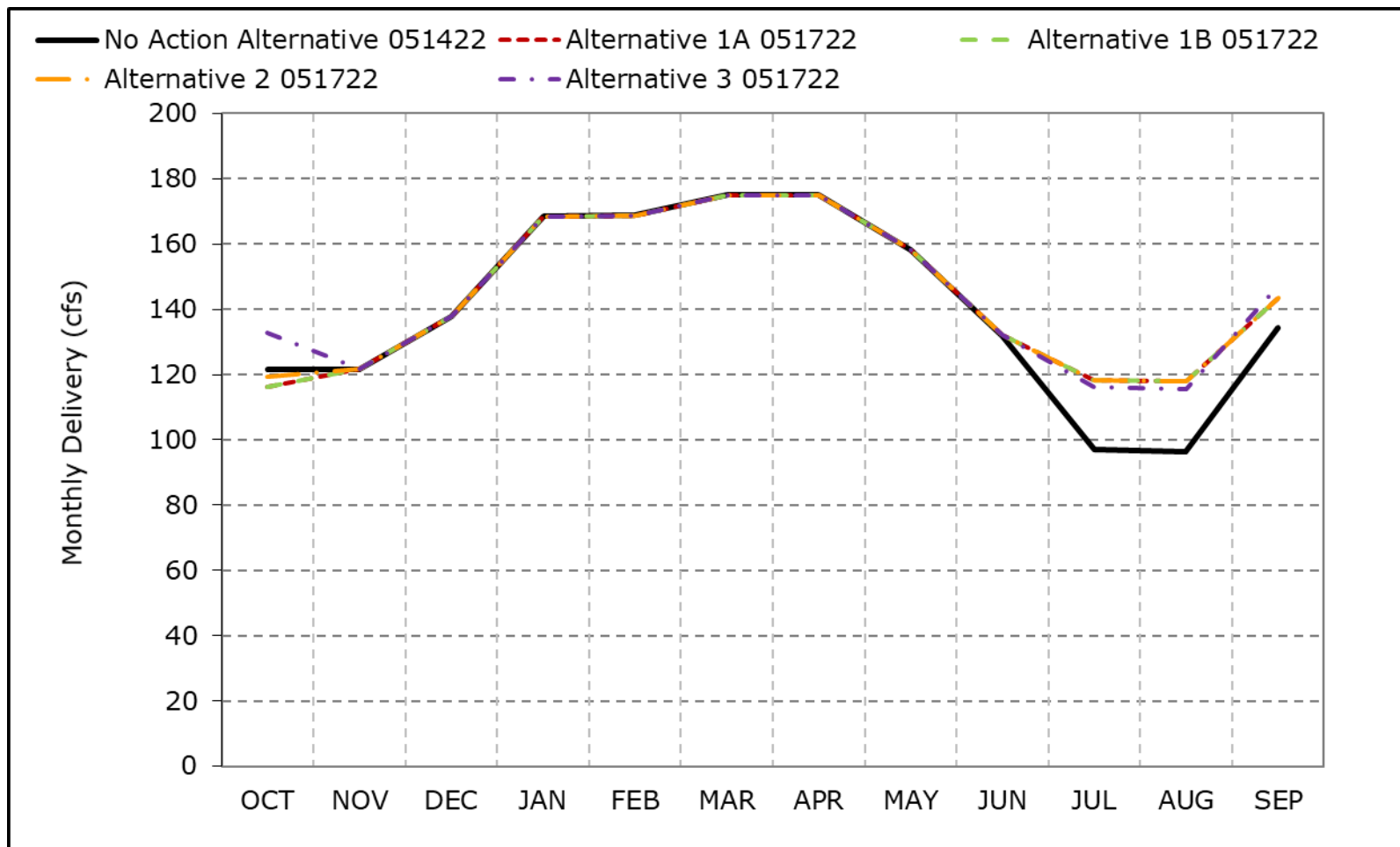
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**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.  
 \*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



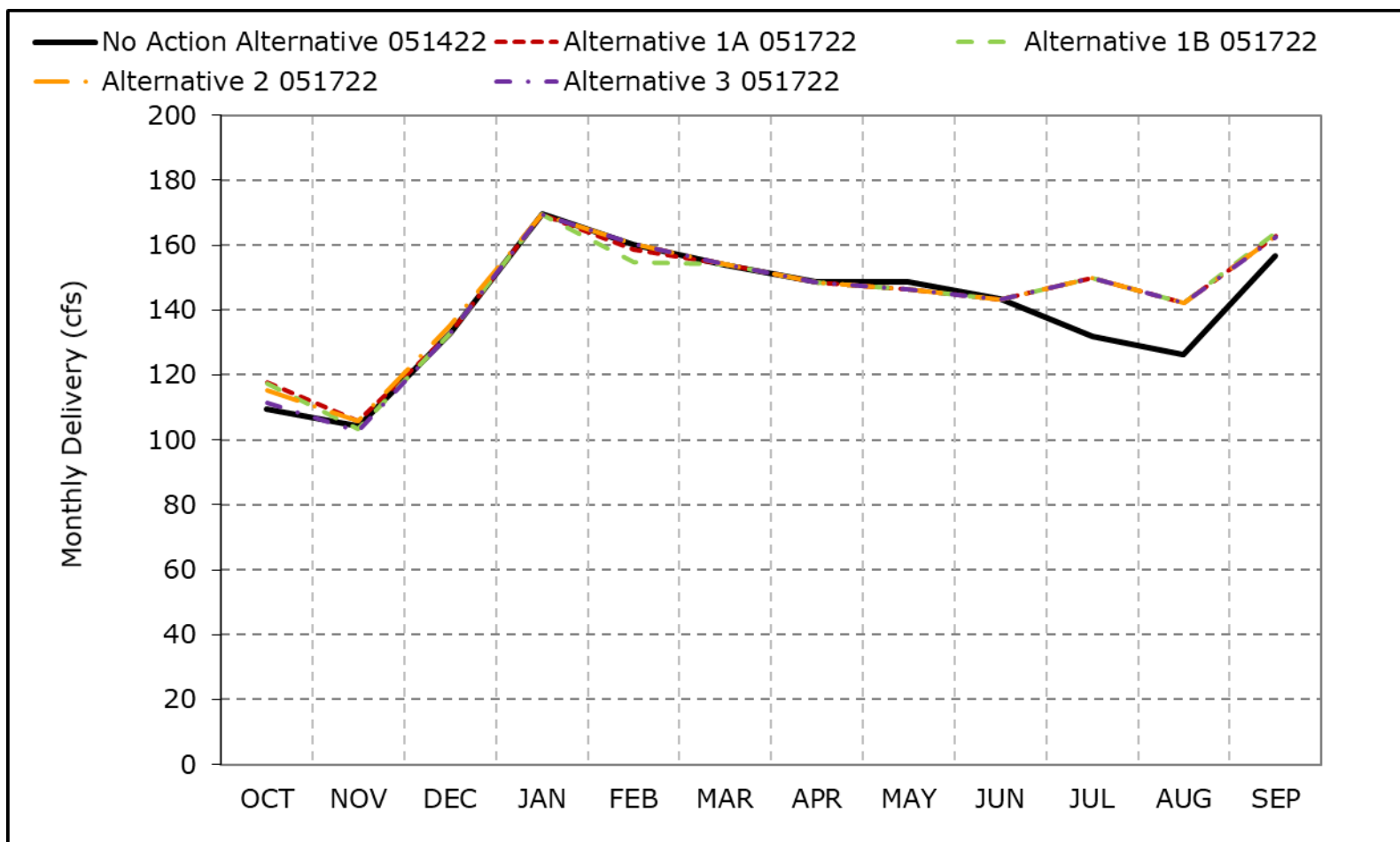
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

\*All scenarios are simulated at current climate condition and 0 cm sea level rise.



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

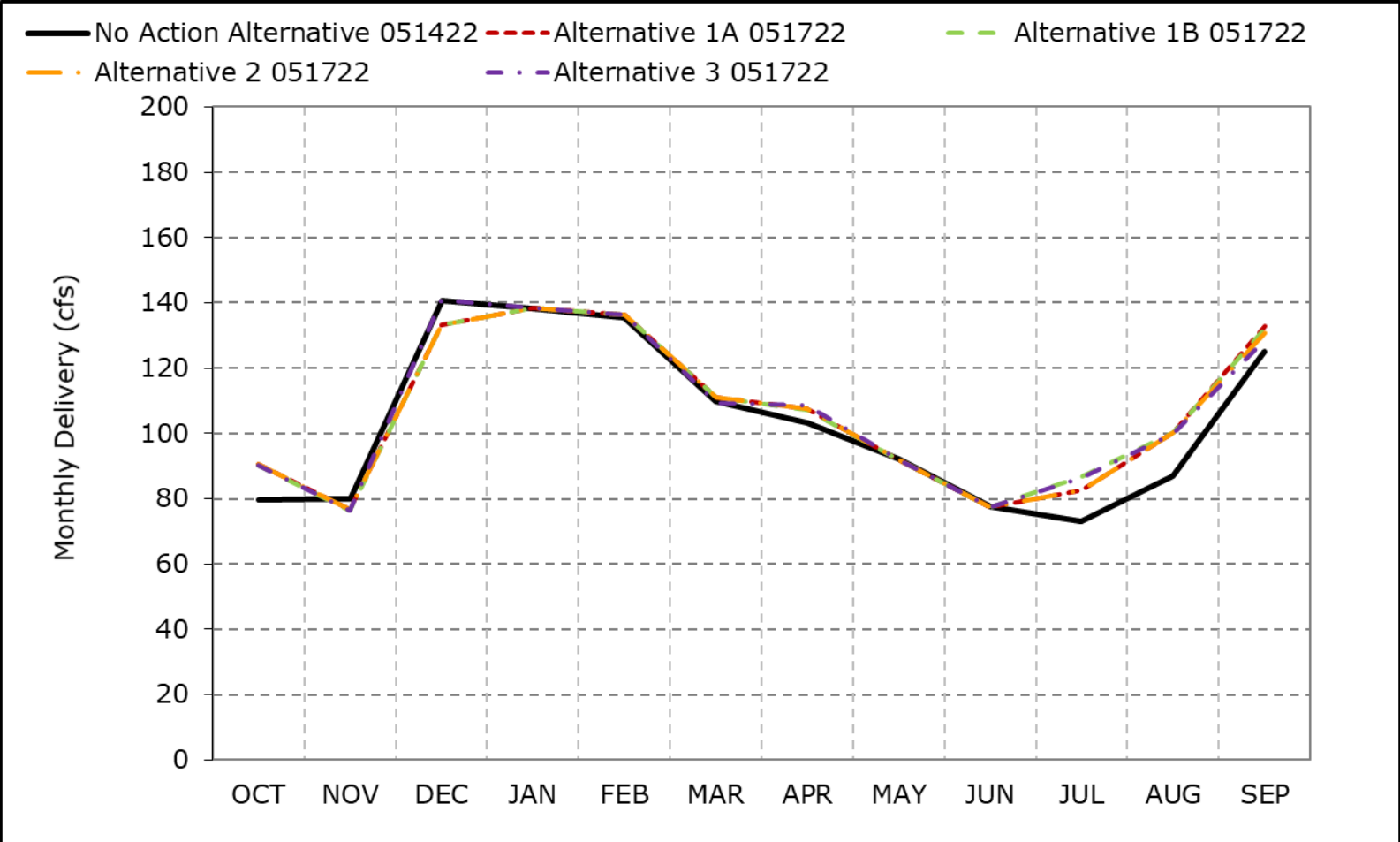


\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\*These results are displayed with calendar year - year type sorting.

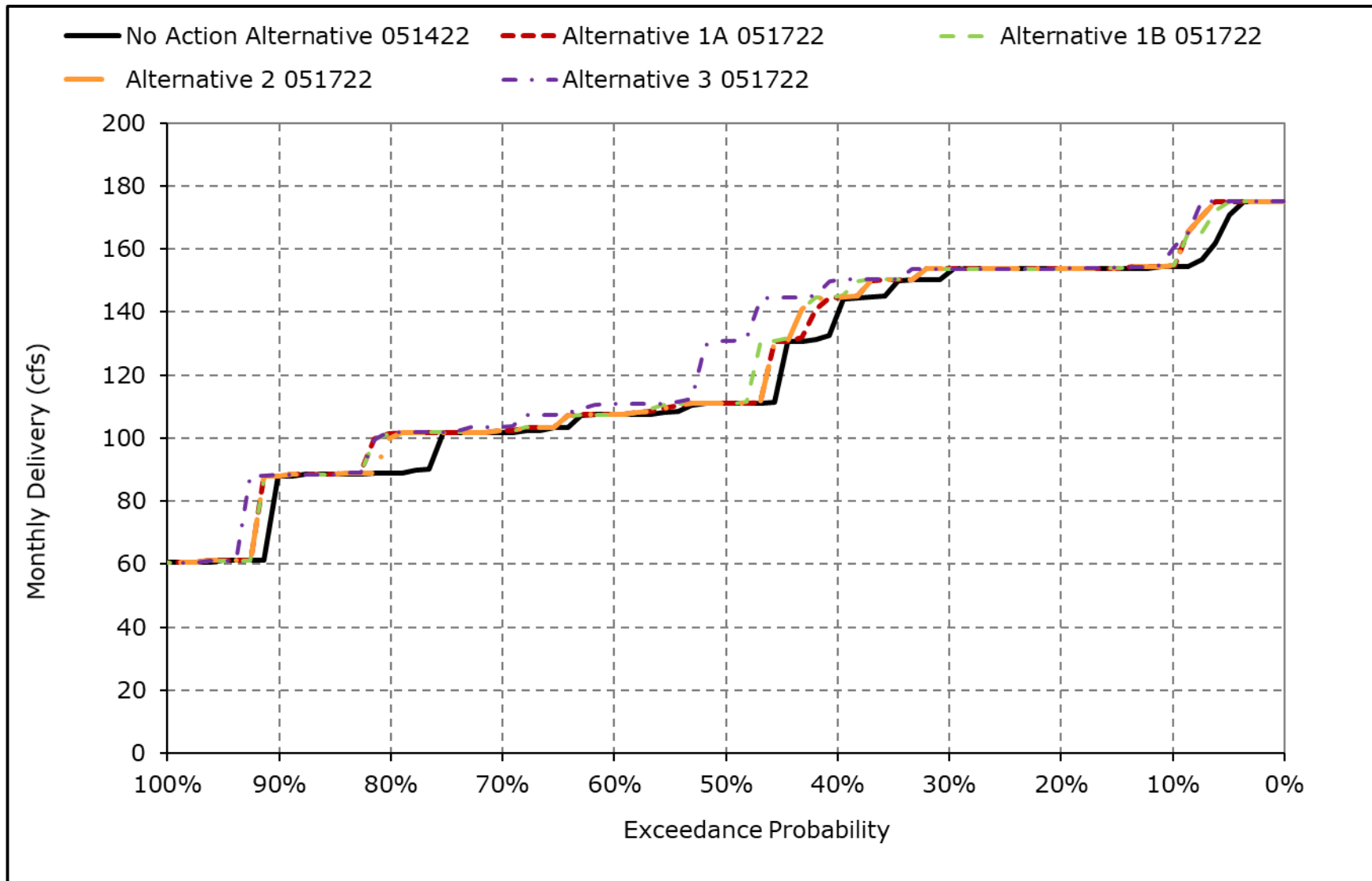
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



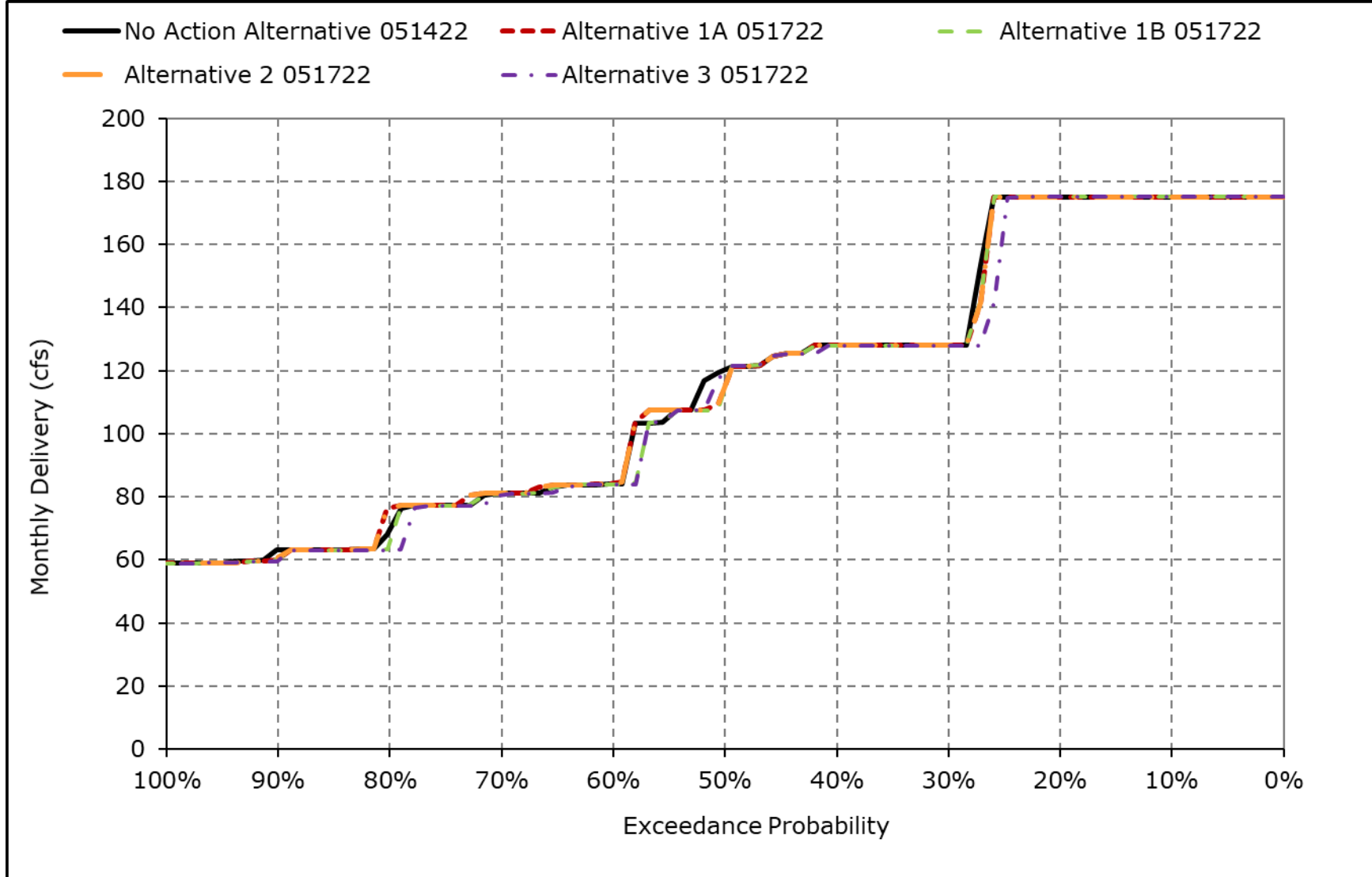
\*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).  
 \*These results are displayed with calendar year - year type sorting.  
 \*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



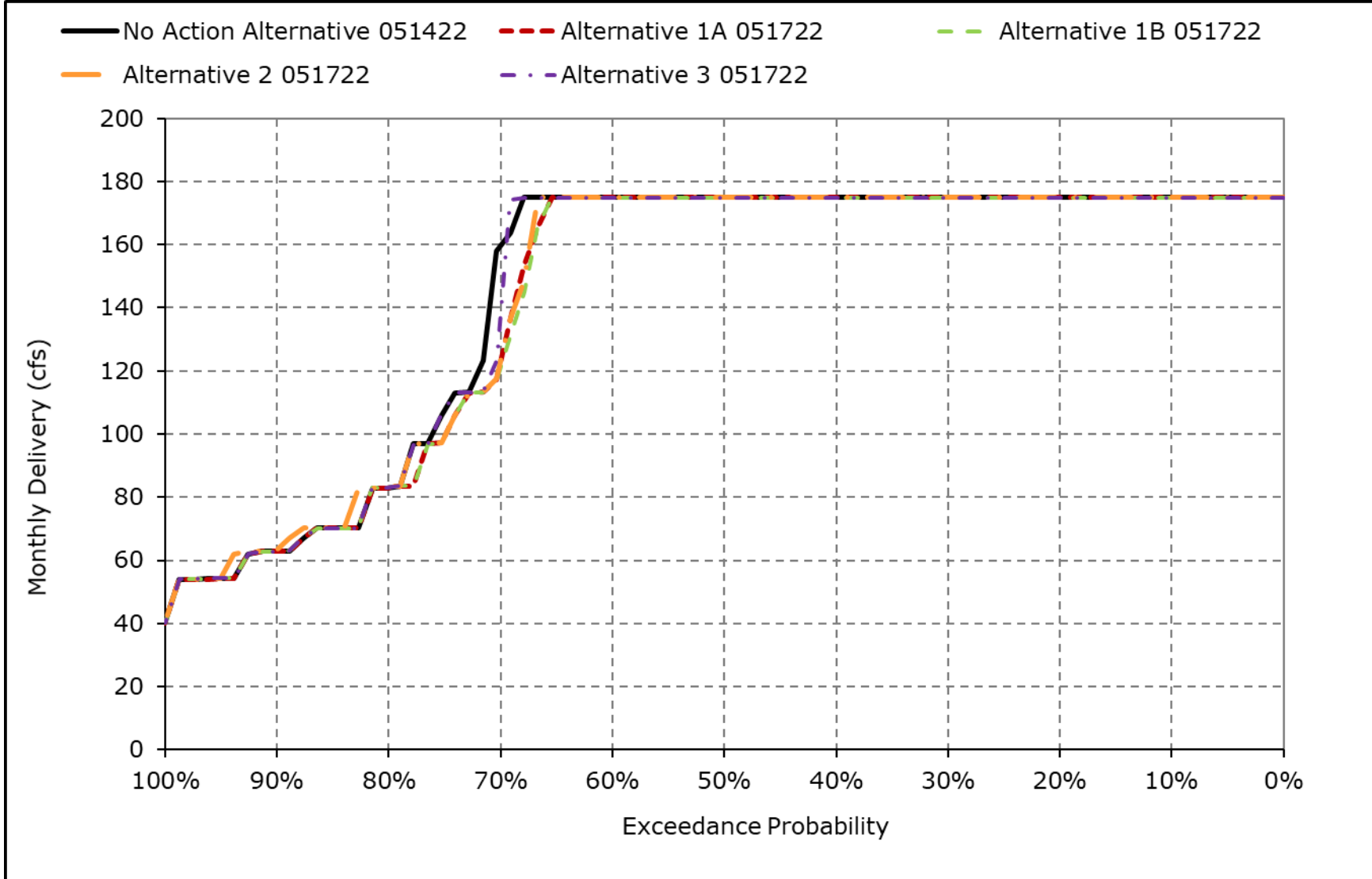
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



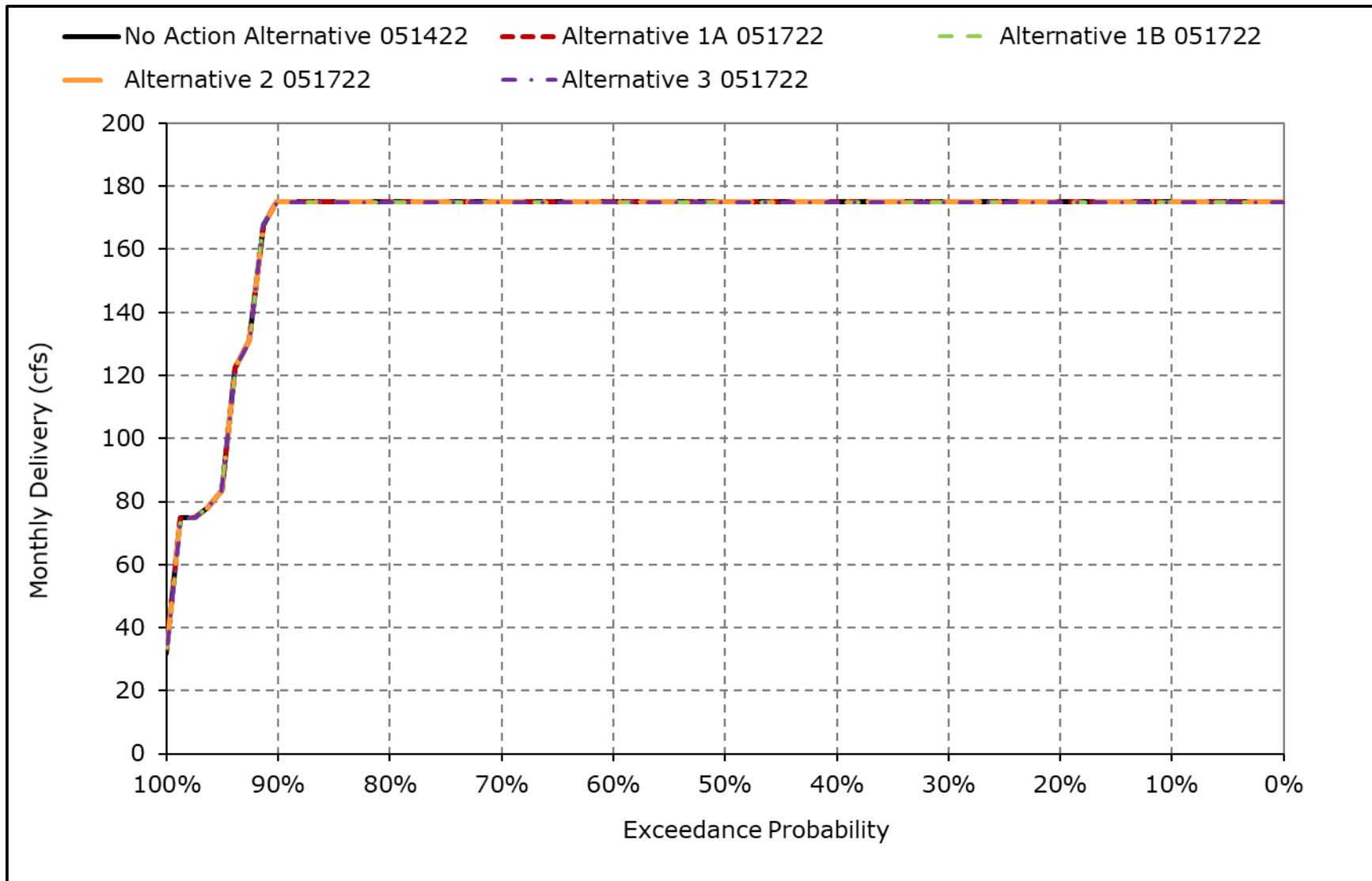
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



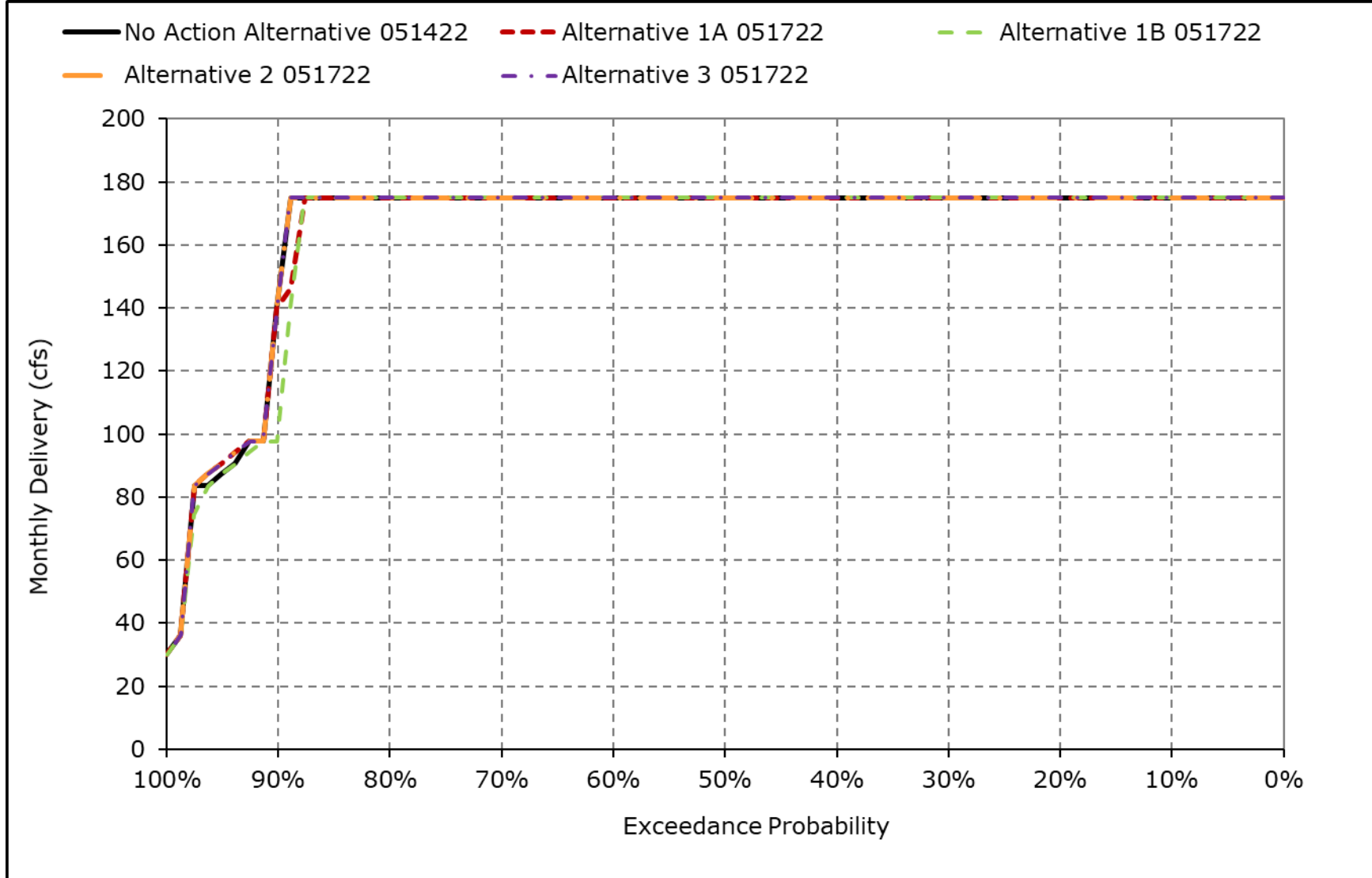
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



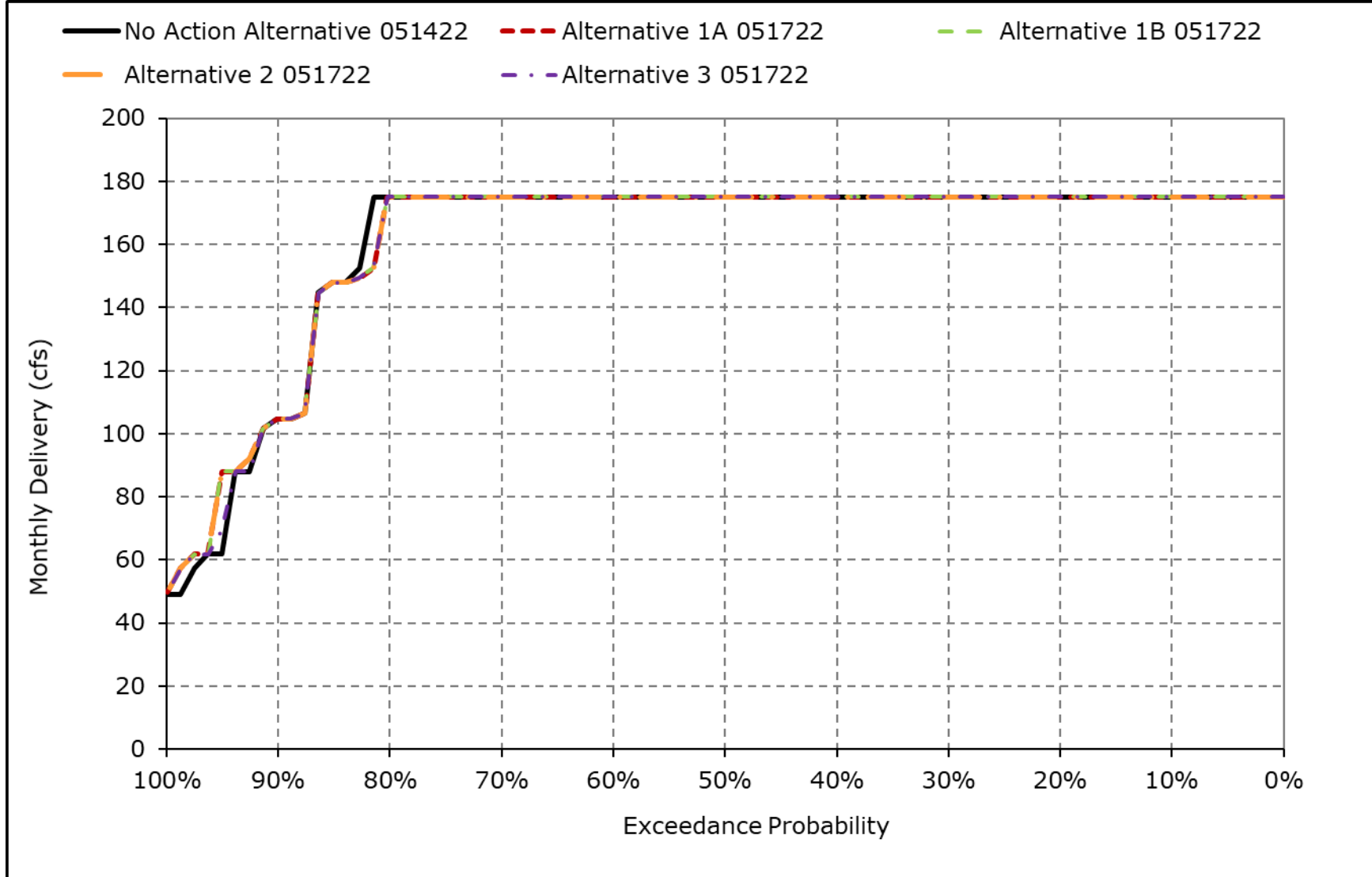
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

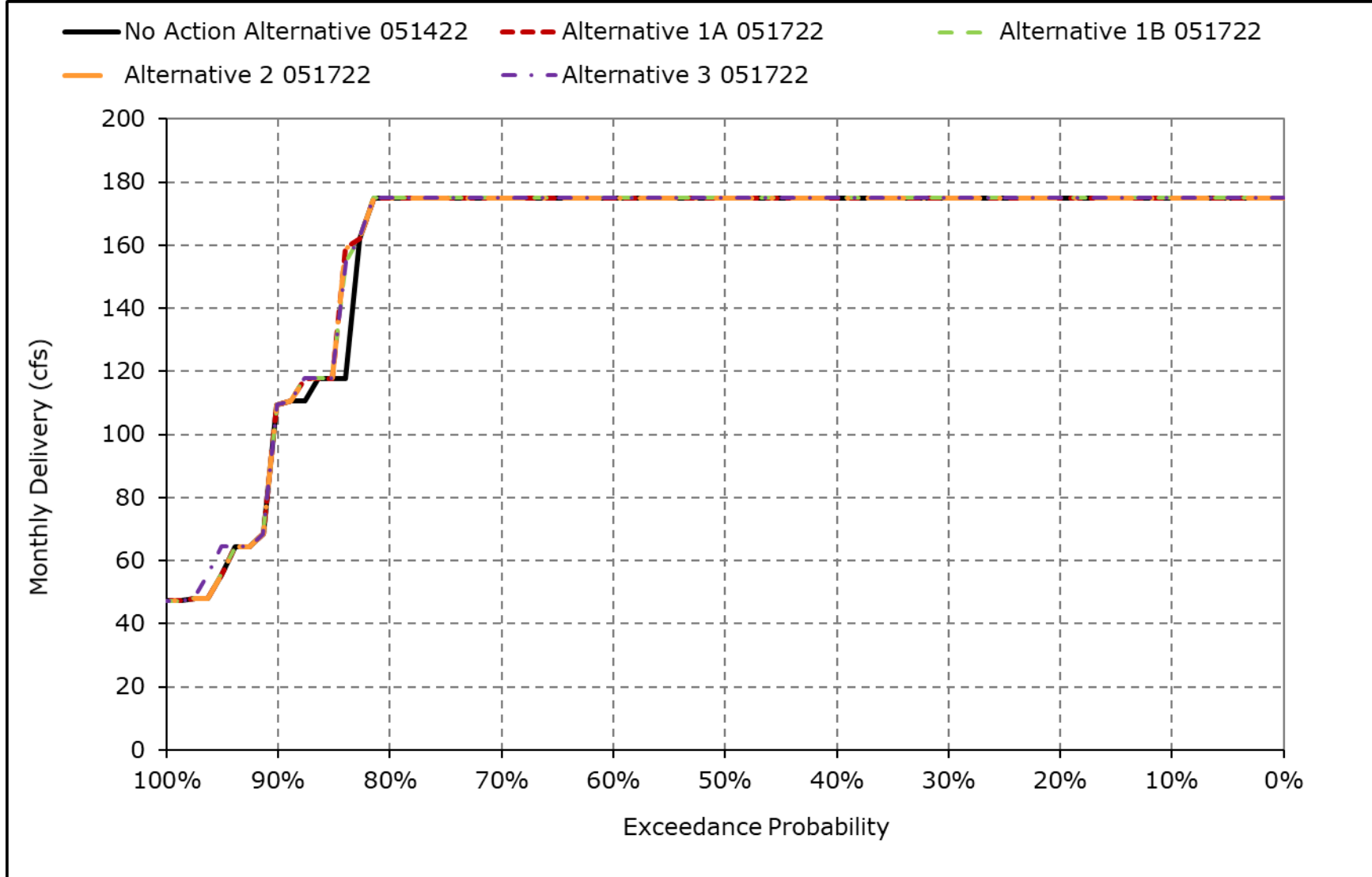
**Figure 5B4-6-12. Barker Slough Pumping Plant, March**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

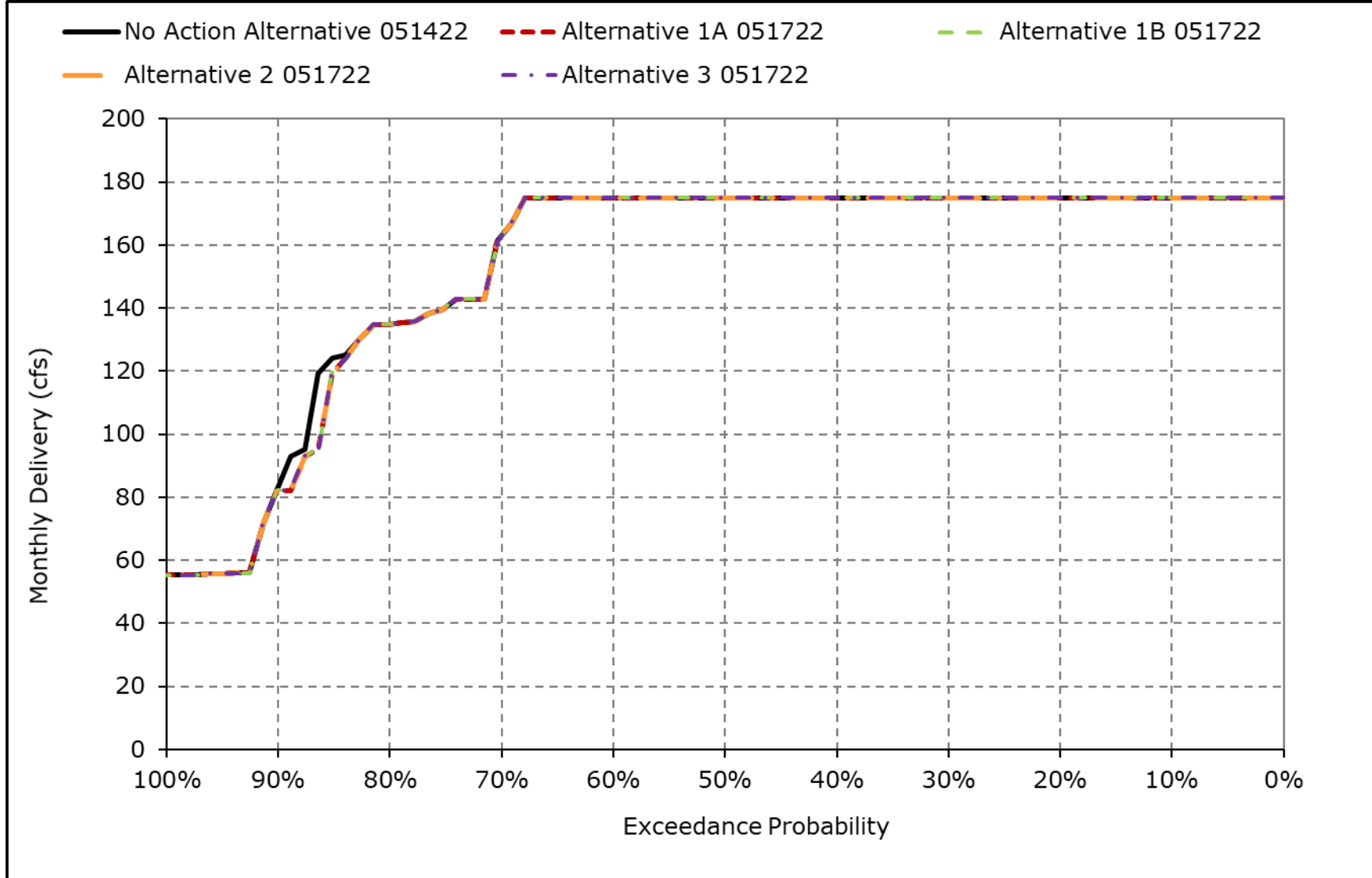


**Figure 5B4-6-13. Barker Slough Pumping Plant, April**



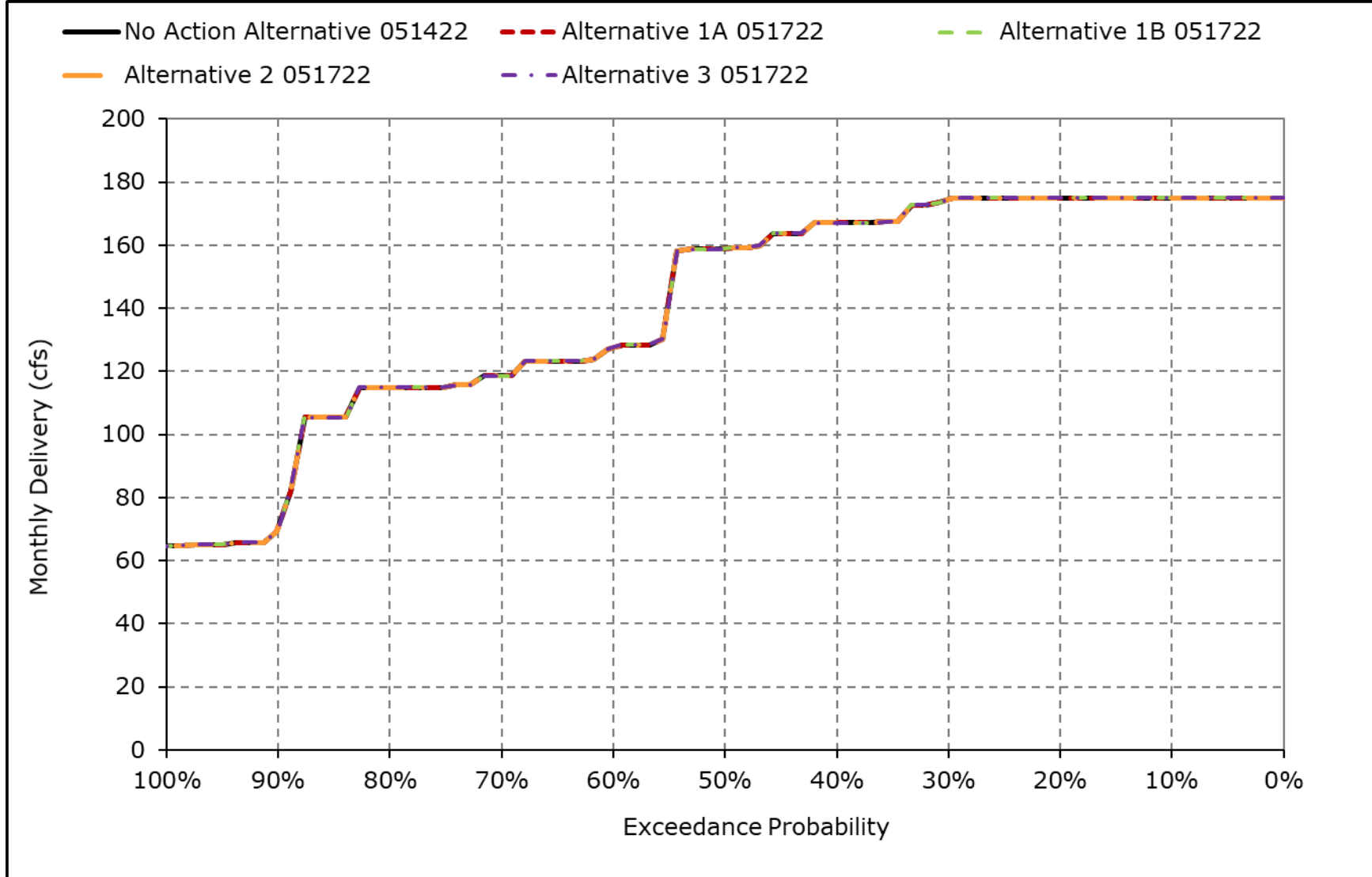
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



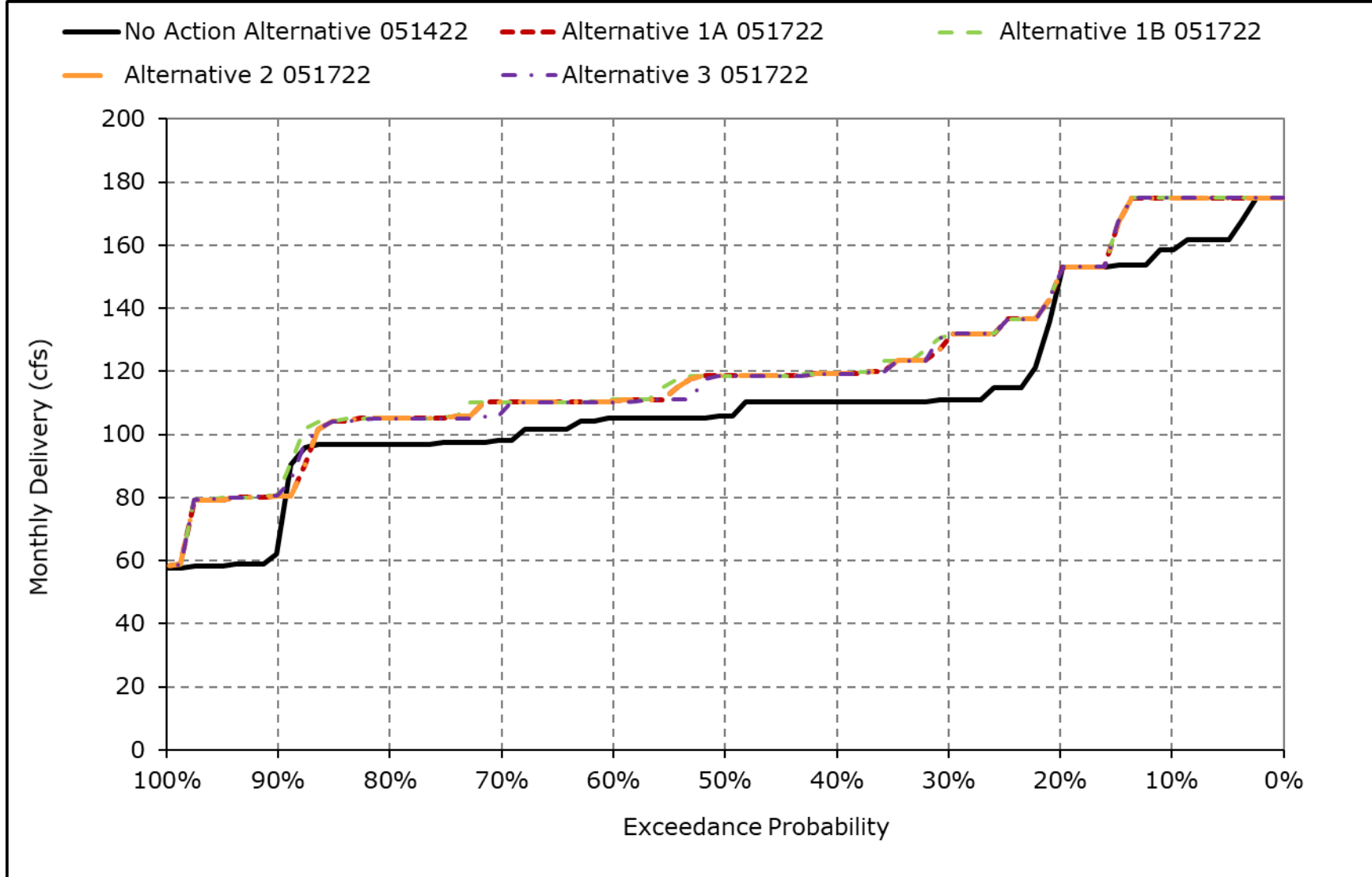
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



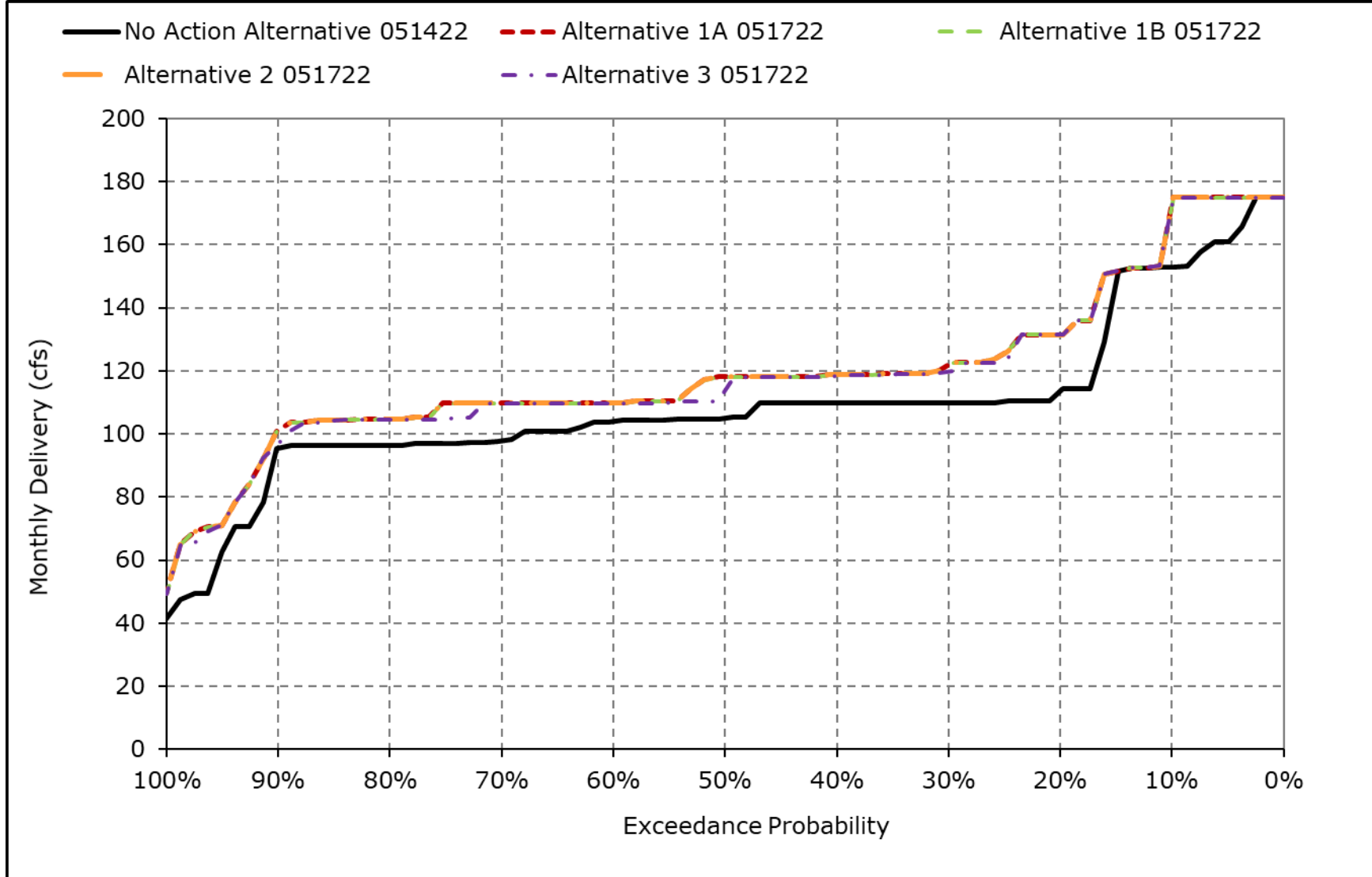
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



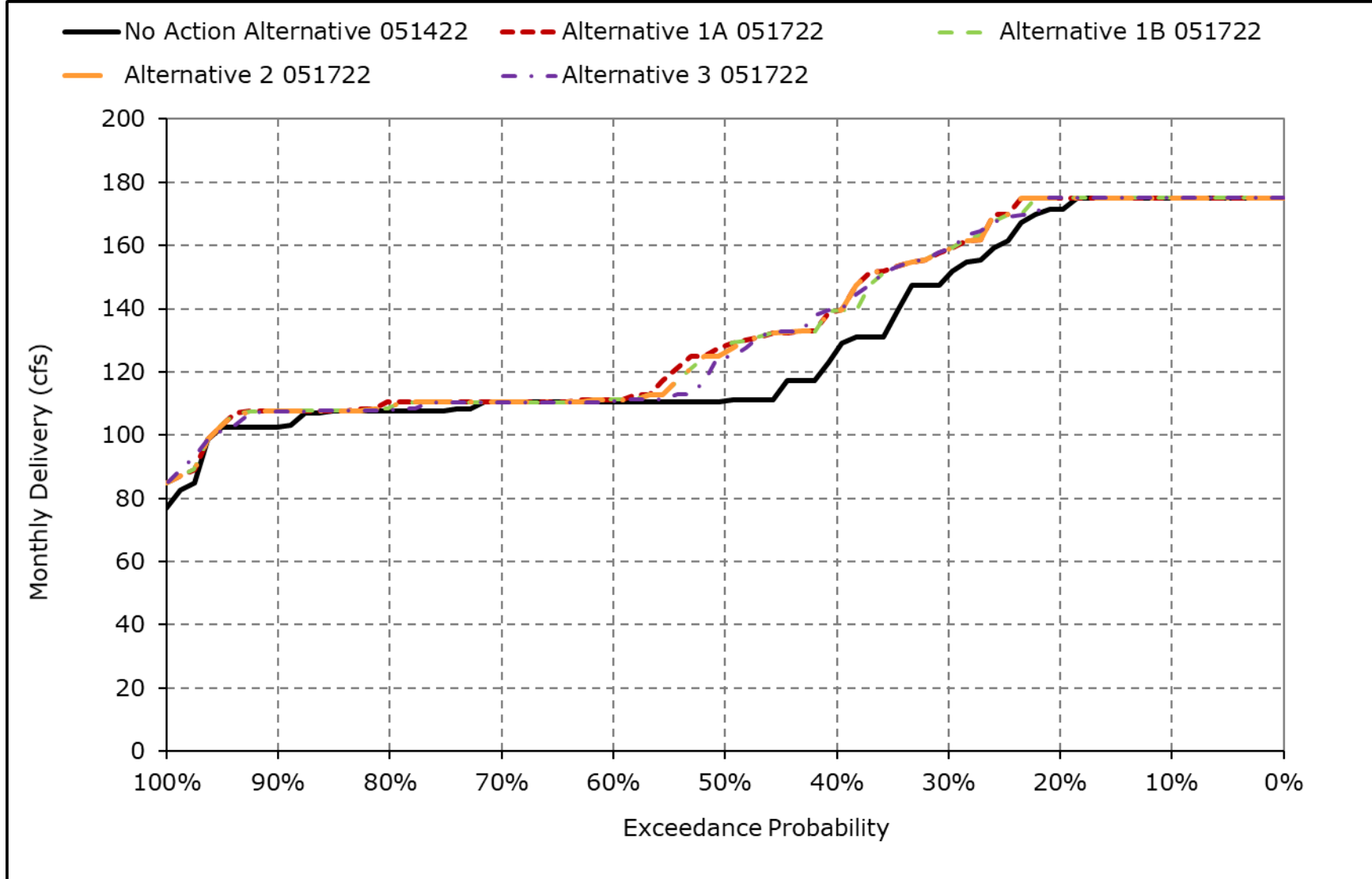
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Table 5B4-7-1a. San Luis Storage (CVP and SWP), No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	1,000	1,259	1,493	1,719	1,961	2,039	2,036	2,039	1,744	1,337	934	927
<b>20% Exceedance</b>	724	1,008	1,370	1,594	1,807	1,989	1,923	1,748	1,333	979	690	653
<b>30% Exceedance</b>	579	893	1,273	1,508	1,726	1,921	1,825	1,545	1,083	842	564	561
<b>40% Exceedance</b>	519	813	1,185	1,448	1,646	1,777	1,702	1,428	981	707	508	518
<b>50% Exceedance</b>	474	742	1,139	1,349	1,582	1,678	1,552	1,289	929	654	455	470
<b>60% Exceedance</b>	412	611	955	1,212	1,399	1,531	1,454	1,220	866	566	371	406
<b>70% Exceedance</b>	335	549	846	1,120	1,314	1,434	1,311	1,104	726	493	287	341
<b>80% Exceedance</b>	291	474	691	1,001	1,255	1,348	1,241	1,020	591	399	226	271
<b>90% Exceedance</b>	220	346	519	840	1,086	1,205	1,105	857	495	302	170	224
<b>Full Simulation Period Average<sup>a</sup></b>	537	760	1,058	1,308	1,518	1,632	1,554	1,358	997	726	502	515
<b>Wet Water Years (32%)</b>	774	1,052	1,389	1,407	1,629	1,788	1,787	1,636	1,289	974	720	742
<b>Above Normal Water Years (15%)</b>	428	692	1,038	1,282	1,482	1,594	1,492	1,262	856	558	378	446
<b>Below Normal Water Years (17%)</b>	525	708	976	1,361	1,586	1,674	1,553	1,286	824	601	474	466
<b>Dry Water Years (22%)</b>	394	577	851	1,265	1,460	1,553	1,413	1,188	859	661	363	384
<b>Critical Water Years (15%)</b>	362	533	765	1,119	1,321	1,404	1,320	1,188	912	596	397	346

**Table 5B4-7-1b. San Luis Storage (CVP and SWP), Alternative 1A 051722, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	997	1,287	1,508	1,728	1,957	2,039	2,039	2,037	1,719	1,334	932	906
<b>20% Exceedance</b>	716	984	1,372	1,594	1,805	2,005	1,925	1,764	1,333	996	661	658
<b>30% Exceedance</b>	578	903	1,254	1,513	1,715	1,926	1,826	1,550	1,070	826	565	559
<b>40% Exceedance</b>	529	821	1,196	1,436	1,652	1,785	1,712	1,418	999	729	502	518
<b>50% Exceedance</b>	469	739	1,140	1,309	1,582	1,668	1,548	1,301	928	658	456	461
<b>60% Exceedance</b>	415	628	956	1,235	1,420	1,534	1,457	1,213	847	572	381	406
<b>70% Exceedance</b>	362	561	866	1,138	1,337	1,435	1,318	1,097	746	493	289	345
<b>80% Exceedance</b>	294	497	740	1,026	1,254	1,355	1,230	1,027	605	399	225	276
<b>90% Exceedance</b>	221	338	511	843	1,090	1,206	1,103	855	495	306	172	223
<b>Full Simulation Period Average<sup>a</sup></b>	541	770	1,065	1,314	1,522	1,636	1,556	1,358	997	727	503	515
<b>Wet Water Years (32%)</b>	784	1,061	1,398	1,421	1,639	1,793	1,790	1,640	1,293	977	723	744
<b>Above Normal Water Years (15%)</b>	433	695	1,041	1,319	1,508	1,613	1,510	1,271	863	563	381	448
<b>Below Normal Water Years (17%)</b>	519	743	1,007	1,341	1,569	1,663	1,541	1,274	817	594	465	460
<b>Dry Water Years (22%)</b>	392	572	832	1,268	1,463	1,555	1,415	1,189	857	665	366	383
<b>Critical Water Years (15%)</b>	375	544	781	1,112	1,315	1,407	1,322	1,189	912	597	400	345

**Table 5B4-7-1c. San Luis Storage (CVP and SWP), Alternative 1A 051722 minus No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	-3	28	15	9	-4	0	3	-2	-25	-3	-1	-21
<b>20% Exceedance</b>	-7	-24	2	0	-2	16	2	16	0	17	-29	5
<b>30% Exceedance</b>	-1	10	-19	5	-11	5	1	5	-13	-16	1	-3
<b>40% Exceedance</b>	10	8	11	-11	7	8	10	-10	18	22	-5	0
<b>50% Exceedance</b>	-5	-3	2	-40	0	-10	-4	11	-1	5	1	-9
<b>60% Exceedance</b>	3	17	1	23	21	3	3	-7	-20	6	10	1
<b>70% Exceedance</b>	28	12	20	18	23	0	7	-7	19	0	1	4
<b>80% Exceedance</b>	2	23	49	25	0	7	-11	8	14	0	-1	5
<b>90% Exceedance</b>	1	-8	-8	3	4	2	-2	-2	0	4	2	-1
<b>Full Simulation Period Average<sup>a</sup></b>	4	10	7	6	4	4	2	1	0	1	1	-1
<b>Wet Water Years (32%)</b>	10	9	9	14	11	6	3	4	3	3	3	2
<b>Above Normal Water Years (15%)</b>	5	4	3	37	26	19	17	9	7	5	3	1
<b>Below Normal Water Years (17%)</b>	-6	35	31	-20	-17	-11	-12	-11	-8	-8	-9	-6
<b>Dry Water Years (22%)</b>	-2	-5	-18	3	3	3	2	1	-1	3	2	-1
<b>Critical Water Years (15%)</b>	13	11	15	-6	-6	2	2	1	0	1	3	-1

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-7-2a. San Luis Storage (CVP and SWP), No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,000	1,259	1,493	1,719	1,961	2,039	2,036	2,039	1,744	1,337	934	927
20% Exceedance	724	1,008	1,370	1,594	1,807	1,989	1,923	1,748	1,333	979	690	653
30% Exceedance	579	893	1,273	1,508	1,726	1,921	1,825	1,545	1,083	842	564	561
40% Exceedance	519	813	1,185	1,448	1,646	1,777	1,702	1,428	981	707	508	518
50% Exceedance	474	742	1,139	1,349	1,582	1,678	1,552	1,289	929	654	455	470
60% Exceedance	412	611	955	1,212	1,399	1,531	1,454	1,220	866	566	371	406
70% Exceedance	335	549	846	1,120	1,314	1,434	1,311	1,104	726	493	287	341
80% Exceedance	291	474	691	1,001	1,255	1,348	1,241	1,020	591	399	226	271
90% Exceedance	220	346	519	840	1,086	1,205	1,105	857	495	302	170	224
<b>Full Simulation Period Average<sup>a</sup></b>	537	760	1,058	1,308	1,518	1,632	1,554	1,358	997	726	502	515
<b>Wet Water Years (32%)</b>	774	1,052	1,389	1,407	1,629	1,788	1,787	1,636	1,289	974	720	742
<b>Above Normal Water Years (15%)</b>	428	692	1,038	1,282	1,482	1,594	1,492	1,262	856	558	378	446
<b>Below Normal Water Years (17%)</b>	525	708	976	1,361	1,586	1,674	1,553	1,286	824	601	474	466
<b>Dry Water Years (22%)</b>	394	577	851	1,265	1,460	1,553	1,413	1,188	859	661	363	384
<b>Critical Water Years (15%)</b>	362	533	765	1,119	1,321	1,404	1,320	1,188	912	596	397	346

**Table 5B4-7-2b. San Luis Storage (CVP and SWP), Alternative 1B 051722, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,003	1,287	1,509	1,720	1,958	2,039	2,039	2,037	1,719	1,334	932	899
20% Exceedance	717	990	1,367	1,583	1,809	2,012	1,913	1,763	1,333	991	683	655
30% Exceedance	594	917	1,255	1,511	1,714	1,939	1,841	1,550	1,078	829	569	560
40% Exceedance	527	827	1,187	1,475	1,652	1,763	1,704	1,427	989	737	503	519
50% Exceedance	474	743	1,142	1,355	1,582	1,670	1,544	1,301	925	663	460	470
60% Exceedance	415	636	944	1,221	1,413	1,531	1,465	1,213	861	572	380	408
70% Exceedance	363	556	841	1,157	1,341	1,436	1,310	1,101	729	498	288	350
80% Exceedance	293	491	739	1,026	1,254	1,366	1,230	1,028	602	421	226	280
90% Exceedance	223	351	517	845	1,091	1,186	1,114	866	520	307	173	223
<b>Full Simulation Period Average<sup>a</sup></b>	544	777	1,062	1,315	1,524	1,640	1,559	1,362	1,000	729	504	516
<b>Wet Water Years (32%)</b>	785	1,063	1,398	1,417	1,637	1,793	1,789	1,638	1,292	976	724	745
<b>Above Normal Water Years (15%)</b>	434	697	1,043	1,319	1,504	1,610	1,507	1,269	861	560	378	445
<b>Below Normal Water Years (17%)</b>	528	761	1,028	1,361	1,583	1,670	1,549	1,282	825	601	471	468
<b>Dry Water Years (22%)</b>	393	587	805	1,263	1,463	1,556	1,414	1,192	860	667	362	382
<b>Critical Water Years (15%)</b>	377	545	781	1,119	1,322	1,428	1,342	1,206	925	604	403	349

**Table 5B4-7-2c. San Luis Storage (CVP and SWP), Alternative 1B 051722 minus No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2	28	16	1	-3	0	3	-2	-25	-3	-1	-27
20% Exceedance	-6	-18	-3	-11	2	22	-10	16	0	12	-7	2
30% Exceedance	15	24	-17	2	-12	18	17	5	-5	-13	5	-1
40% Exceedance	8	14	3	27	7	-14	2	-2	9	31	-4	1
50% Exceedance	0	1	4	6	0	-9	-9	11	-4	9	5	1
60% Exceedance	3	25	-11	9	14	0	11	-7	-5	6	9	3
70% Exceedance	29	8	-5	37	27	2	-1	-3	3	5	1	8
80% Exceedance	2	17	48	25	-1	18	-11	8	11	22	0	9
90% Exceedance	3	5	-2	5	5	-19	10	9	25	4	3	-1
<b>Full Simulation Period Average<sup>a</sup></b>	7	17	5	8	6	7	5	5	4	3	1	1
<b>Wet Water Years (32%)</b>	12	11	9	9	9	5	1	2	2	2	4	3
<b>Above Normal Water Years (15%)</b>	6	6	5	37	23	16	14	7	5	3	1	-1
<b>Below Normal Water Years (17%)</b>	3	52	52	0	-4	-5	-4	-4	0	0	-3	3
<b>Dry Water Years (22%)</b>	-1	10	-45	-2	2	3	1	4	1	6	-1	-2
<b>Critical Water Years (15%)</b>	14	12	15	0	1	24	21	19	13	8	7	3

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.



**Table 5B4-7-3a. San Luis Storage (CVP and SWP), No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,000	1,259	1,493	1,719	1,961	2,039	2,036	2,039	1,744	1,337	934	927
20% Exceedance	724	1,008	1,370	1,594	1,807	1,989	1,923	1,748	1,333	979	690	653
30% Exceedance	579	893	1,273	1,508	1,726	1,921	1,825	1,545	1,083	842	564	561
40% Exceedance	519	813	1,185	1,448	1,646	1,777	1,702	1,428	981	707	508	518
50% Exceedance	474	742	1,139	1,349	1,582	1,678	1,552	1,289	929	654	455	470
60% Exceedance	412	611	955	1,212	1,399	1,531	1,454	1,220	866	566	371	406
70% Exceedance	335	549	846	1,120	1,314	1,434	1,311	1,104	726	493	287	341
80% Exceedance	291	474	691	1,001	1,255	1,348	1,241	1,020	591	399	226	271
90% Exceedance	220	346	519	840	1,086	1,205	1,105	857	495	302	170	224
<b>Full Simulation Period Average<sup>a</sup></b>	537	760	1,058	1,308	1,518	1,632	1,554	1,358	997	726	502	515
<b>Wet Water Years (32%)</b>	774	1,052	1,389	1,407	1,629	1,788	1,787	1,636	1,289	974	720	742
<b>Above Normal Water Years (15%)</b>	428	692	1,038	1,282	1,482	1,594	1,492	1,262	856	558	378	446
<b>Below Normal Water Years (17%)</b>	525	708	976	1,361	1,586	1,674	1,553	1,286	824	601	474	466
<b>Dry Water Years (22%)</b>	394	577	851	1,265	1,460	1,553	1,413	1,188	859	661	363	384
<b>Critical Water Years (15%)</b>	362	533	765	1,119	1,321	1,404	1,320	1,188	912	596	397	346

**Table 5B4-7-3b. San Luis Storage (CVP and SWP), Alternative 2 051722, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	997	1,287	1,508	1,728	1,957	2,039	2,039	2,037	1,719	1,334	932	911
20% Exceedance	716	1,007	1,374	1,594	1,792	2,005	1,925	1,753	1,333	996	662	658
30% Exceedance	578	902	1,274	1,513	1,719	1,924	1,825	1,550	1,070	823	565	559
40% Exceedance	531	821	1,200	1,436	1,652	1,785	1,714	1,418	994	721	502	518
50% Exceedance	470	739	1,139	1,309	1,575	1,668	1,546	1,299	928	660	456	461
60% Exceedance	412	628	950	1,213	1,408	1,518	1,454	1,213	849	571	381	404
70% Exceedance	342	561	847	1,138	1,338	1,439	1,313	1,097	730	494	288	346
80% Exceedance	288	489	742	1,026	1,242	1,350	1,229	1,023	596	392	227	270
90% Exceedance	221	337	504	843	1,090	1,206	1,103	855	495	306	172	223
<b>Full Simulation Period Average<sup>a</sup></b>	540	769	1,062	1,312	1,520	1,634	1,554	1,357	995	726	502	514
<b>Wet Water Years (32%)</b>	783	1,060	1,397	1,422	1,640	1,794	1,790	1,640	1,293	977	723	744
<b>Above Normal Water Years (15%)</b>	432	695	1,040	1,315	1,504	1,610	1,507	1,269	860	561	380	447
<b>Below Normal Water Years (17%)</b>	515	739	1,002	1,335	1,564	1,659	1,538	1,272	813	592	465	458
<b>Dry Water Years (22%)</b>	393	573	834	1,263	1,459	1,551	1,412	1,186	855	663	365	383
<b>Critical Water Years (15%)</b>	369	539	773	1,115	1,317	1,405	1,319	1,185	908	594	396	342

**Table 5B4-7-3c. San Luis Storage (CVP and SWP), Alternative 2 051722 minus No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-3	28	15	9	-4	0	3	-2	-25	-3	-1	-16
20% Exceedance	-7	-1	4	1	-15	16	2	5	0	17	-27	5
30% Exceedance	-1	9	1	5	-7	3	0	5	-13	-18	1	-3
40% Exceedance	12	8	15	-12	7	8	12	-10	13	14	-5	1
50% Exceedance	-4	-3	0	-40	-6	-11	-6	10	-1	6	1	-8
60% Exceedance	0	17	-5	1	10	-13	0	-7	-17	6	10	-2
70% Exceedance	8	12	1	19	24	5	2	-7	3	1	1	5
80% Exceedance	-4	15	50	26	-13	2	-11	3	5	-7	1	-1
90% Exceedance	1	-9	-15	3	4	2	-2	-2	0	4	2	-1
<b>Full Simulation Period Average<sup>a</sup></b>	2	8	5	4	2	1	0	-1	-1	0	0	-1
<b>Wet Water Years (32%)</b>	9	8	8	14	11	6	3	4	4	3	3	2
<b>Above Normal Water Years (15%)</b>	4	3	2	33	23	16	14	7	5	3	2	0
<b>Below Normal Water Years (17%)</b>	-10	30	26	-25	-22	-15	-15	-14	-11	-9	-9	-7
<b>Dry Water Years (22%)</b>	-1	-4	-17	-1	-1	-1	-2	-2	-3	2	2	-1
<b>Critical Water Years (15%)</b>	6	7	7	-4	-4	0	-2	-3	-4	-2	0	-4

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-7-4a. San Luis Storage (CVP and SWP), No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	1,000	1,259	1,493	1,719	1,961	2,039	2,036	2,039	1,744	1,337	934	927
<b>20% Exceedance</b>	724	1,008	1,370	1,594	1,807	1,989	1,923	1,748	1,333	979	690	653
<b>30% Exceedance</b>	579	893	1,273	1,508	1,726	1,921	1,825	1,545	1,083	842	564	561
<b>40% Exceedance</b>	519	813	1,185	1,448	1,646	1,777	1,702	1,428	981	707	508	518
<b>50% Exceedance</b>	474	742	1,139	1,349	1,582	1,678	1,552	1,289	929	654	455	470
<b>60% Exceedance</b>	412	611	955	1,212	1,399	1,531	1,454	1,220	866	566	371	406
<b>70% Exceedance</b>	335	549	846	1,120	1,314	1,434	1,311	1,104	726	493	287	341
<b>80% Exceedance</b>	291	474	691	1,001	1,255	1,348	1,241	1,020	591	399	226	271
<b>90% Exceedance</b>	220	346	519	840	1,086	1,205	1,105	857	495	302	170	224
<b>Full Simulation Period Average<sup>a</sup></b>	537	760	1,058	1,308	1,518	1,632	1,554	1,358	997	726	502	515
<b>Wet Water Years (32%)</b>	774	1,052	1,389	1,407	1,629	1,788	1,787	1,636	1,289	974	720	742
<b>Above Normal Water Years (15%)</b>	428	692	1,038	1,282	1,482	1,594	1,492	1,262	856	558	378	446
<b>Below Normal Water Years (17%)</b>	525	708	976	1,361	1,586	1,674	1,553	1,286	824	601	474	466
<b>Dry Water Years (22%)</b>	394	577	851	1,265	1,460	1,553	1,413	1,188	859	661	363	384
<b>Critical Water Years (15%)</b>	362	533	765	1,119	1,321	1,404	1,320	1,188	912	596	397	346

**Table 5B4-7-4b. San Luis Storage (CVP and SWP), Alternative 3 051722, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	1,022	1,213	1,495	1,712	2,013	2,039	2,038	2,039	1,748	1,339	937	966
<b>20% Exceedance</b>	703	1,059	1,396	1,623	1,817	2,014	1,916	1,747	1,333	978	703	648
<b>30% Exceedance</b>	613	897	1,309	1,538	1,749	1,910	1,821	1,548	1,097	836	539	559
<b>40% Exceedance</b>	559	815	1,179	1,430	1,643	1,787	1,681	1,451	1,017	735	506	522
<b>50% Exceedance</b>	498	764	1,090	1,345	1,552	1,685	1,556	1,313	933	655	456	472
<b>60% Exceedance</b>	432	632	954	1,229	1,411	1,542	1,459	1,222	881	576	358	404
<b>70% Exceedance</b>	332	565	825	1,121	1,355	1,460	1,333	1,103	740	489	278	347
<b>80% Exceedance</b>	281	467	758	1,001	1,247	1,356	1,224	982	576	421	225	272
<b>90% Exceedance</b>	234	357	548	869	1,139	1,191	1,126	860	524	326	170	227
<b>Full Simulation Period Average<sup>a</sup></b>	545	778	1,070	1,325	1,535	1,647	1,564	1,366	1,003	730	501	516
<b>Wet Water Years (32%)</b>	786	1,062	1,398	1,434	1,657	1,808	1,797	1,644	1,295	977	723	743
<b>Above Normal Water Years (15%)</b>	439	707	1,056	1,310	1,500	1,609	1,506	1,273	862	565	364	433
<b>Below Normal Water Years (17%)</b>	520	727	1,021	1,313	1,539	1,630	1,512	1,250	808	591	469	479
<b>Dry Water Years (22%)</b>	403	613	835	1,298	1,496	1,588	1,445	1,215	874	675	364	382
<b>Critical Water Years (15%)</b>	374	541	782	1,154	1,355	1,446	1,358	1,221	934	606	402	349

**Table 5B4-7-4c. San Luis Storage (CVP and SWP), Alternative 3 051722 minus No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	21	-46	1	-7	52	0	2	0	4	2	3	39
<b>20% Exceedance</b>	-21	51	26	29	10	25	-7	-1	0	-2	14	-5
<b>30% Exceedance</b>	34	4	36	30	23	-11	-4	3	14	-6	-25	-2
<b>40% Exceedance</b>	40	3	-5	-18	-2	10	-21	23	36	28	-1	4
<b>50% Exceedance</b>	24	22	-48	-4	-30	7	4	24	4	1	1	2
<b>60% Exceedance</b>	20	21	-1	16	13	11	5	2	15	10	-13	-2
<b>70% Exceedance</b>	-2	16	-21	1	41	25	22	-1	13	-4	-10	5
<b>80% Exceedance</b>	-11	-7	67	1	-8	8	-16	-37	-15	22	-1	1
<b>90% Exceedance</b>	15	11	29	29	53	-13	21	3	30	23	0	3
<b>Full Simulation Period Average<sup>a</sup></b>	8	18	12	17	17	15	10	9	7	5	-1	1
<b>Wet Water Years (32%)</b>	12	10	9	27	29	21	10	8	6	3	3	1
<b>Above Normal Water Years (15%)</b>	11	15	18	28	19	15	13	11	6	8	-13	-14
<b>Below Normal Water Years (17%)</b>	-5	19	45	-48	-47	-45	-41	-36	-16	-11	-6	13
<b>Dry Water Years (22%)</b>	9	36	-16	34	36	35	31	27	15	14	1	-2
<b>Critical Water Years (15%)</b>	11	8	17	35	34	42	38	34	22	10	6	3

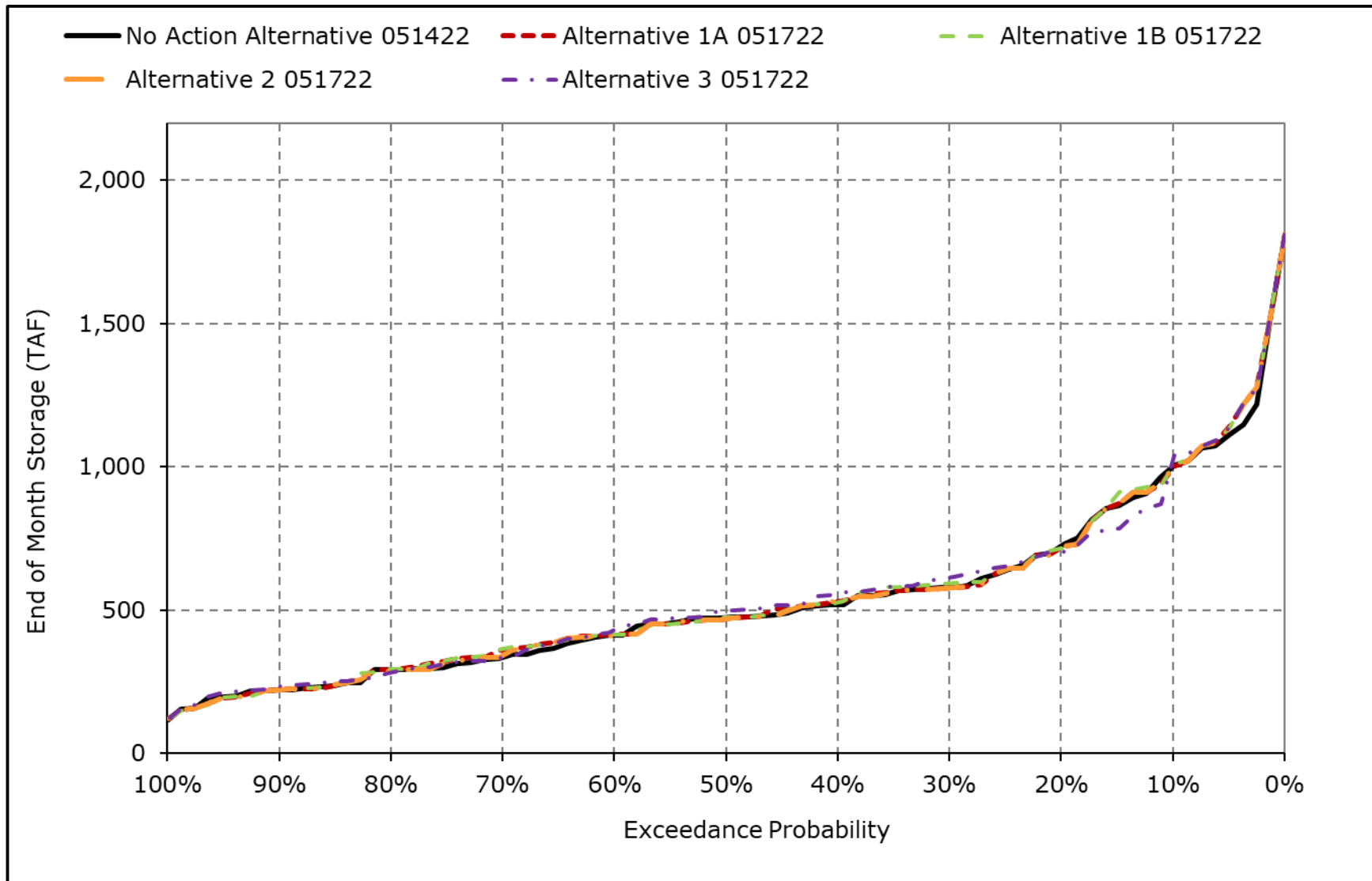
<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

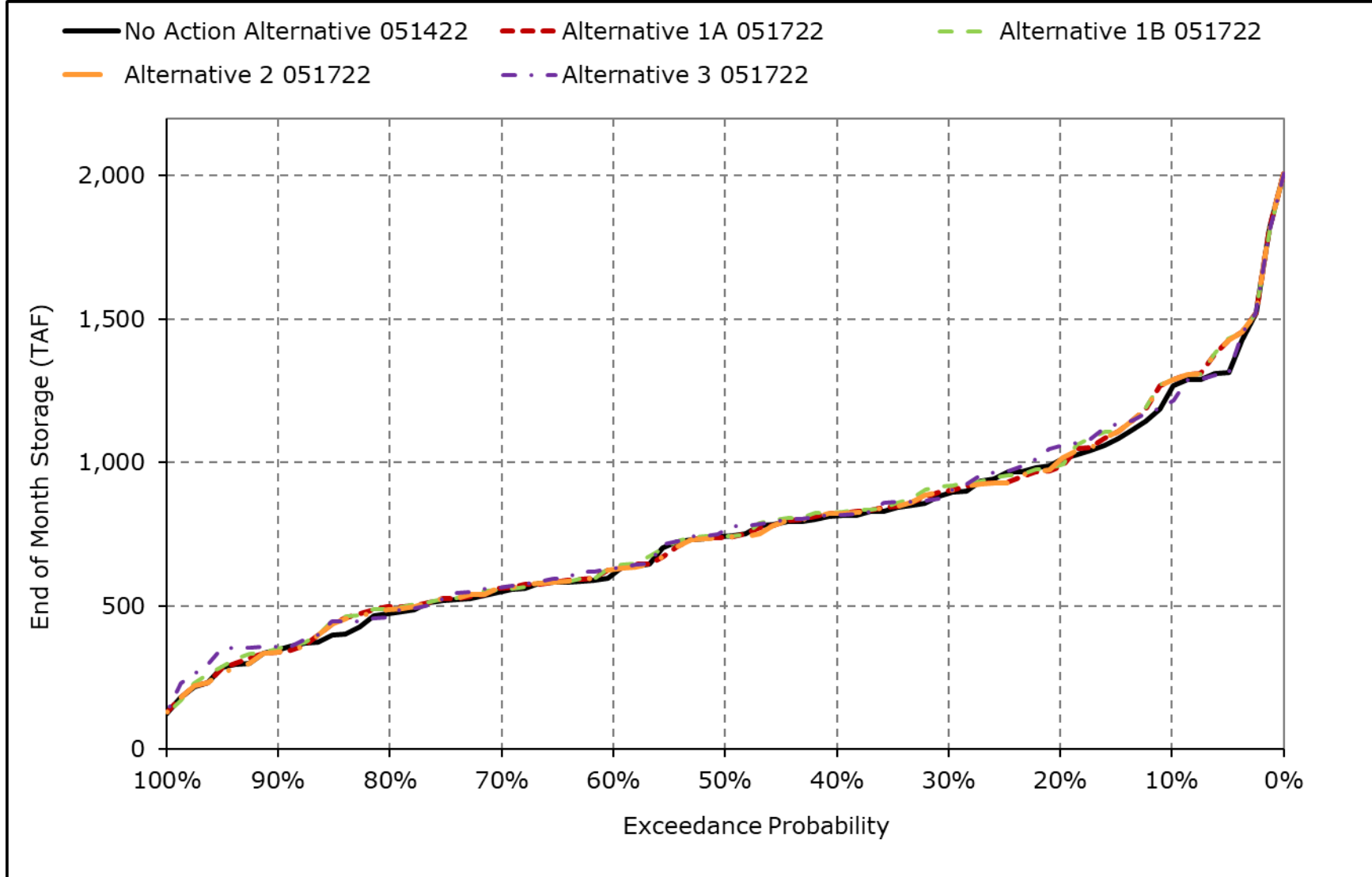
\* Water Year Types results are displayed with calendar year - year type sorting.

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



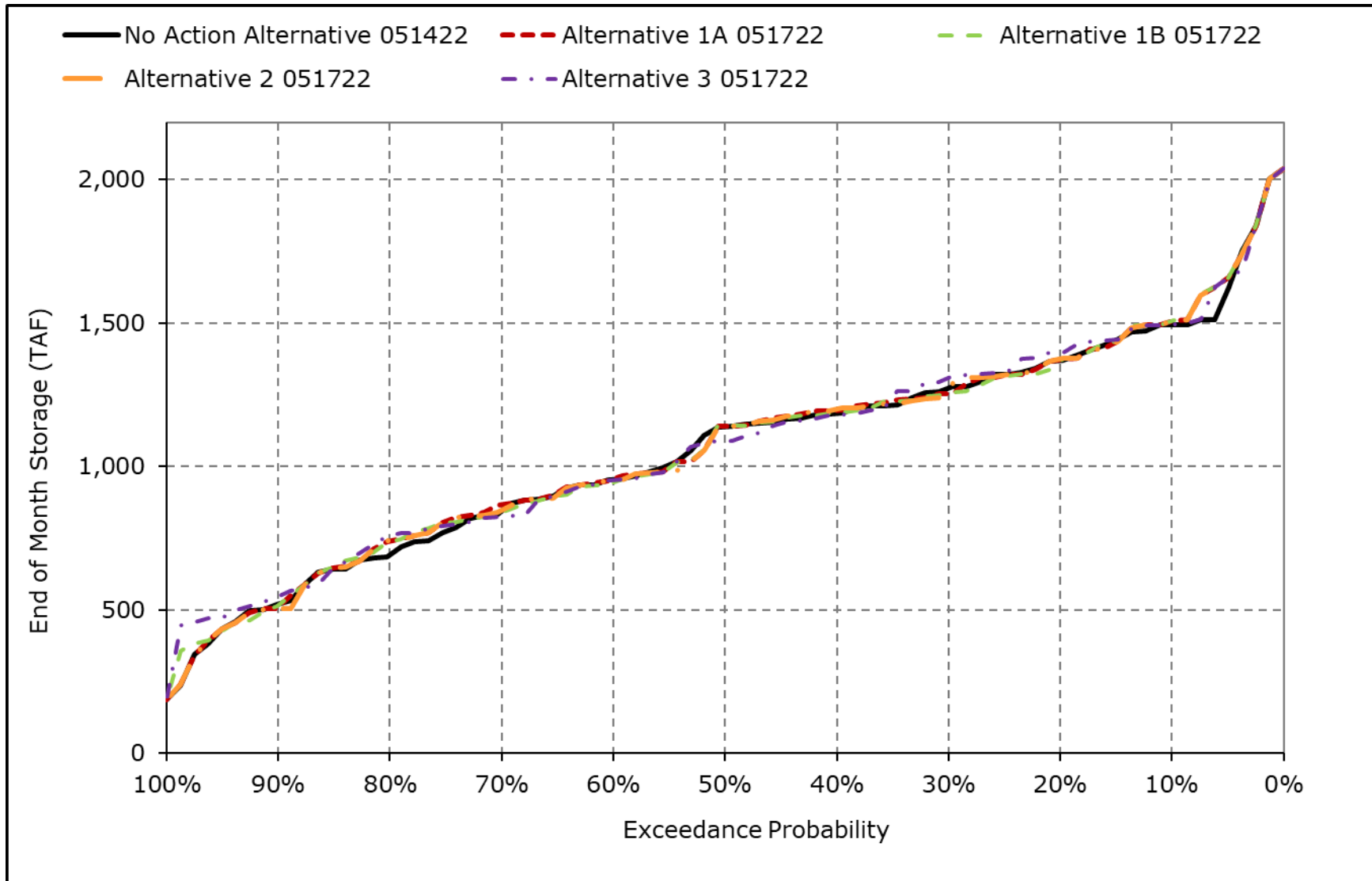
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



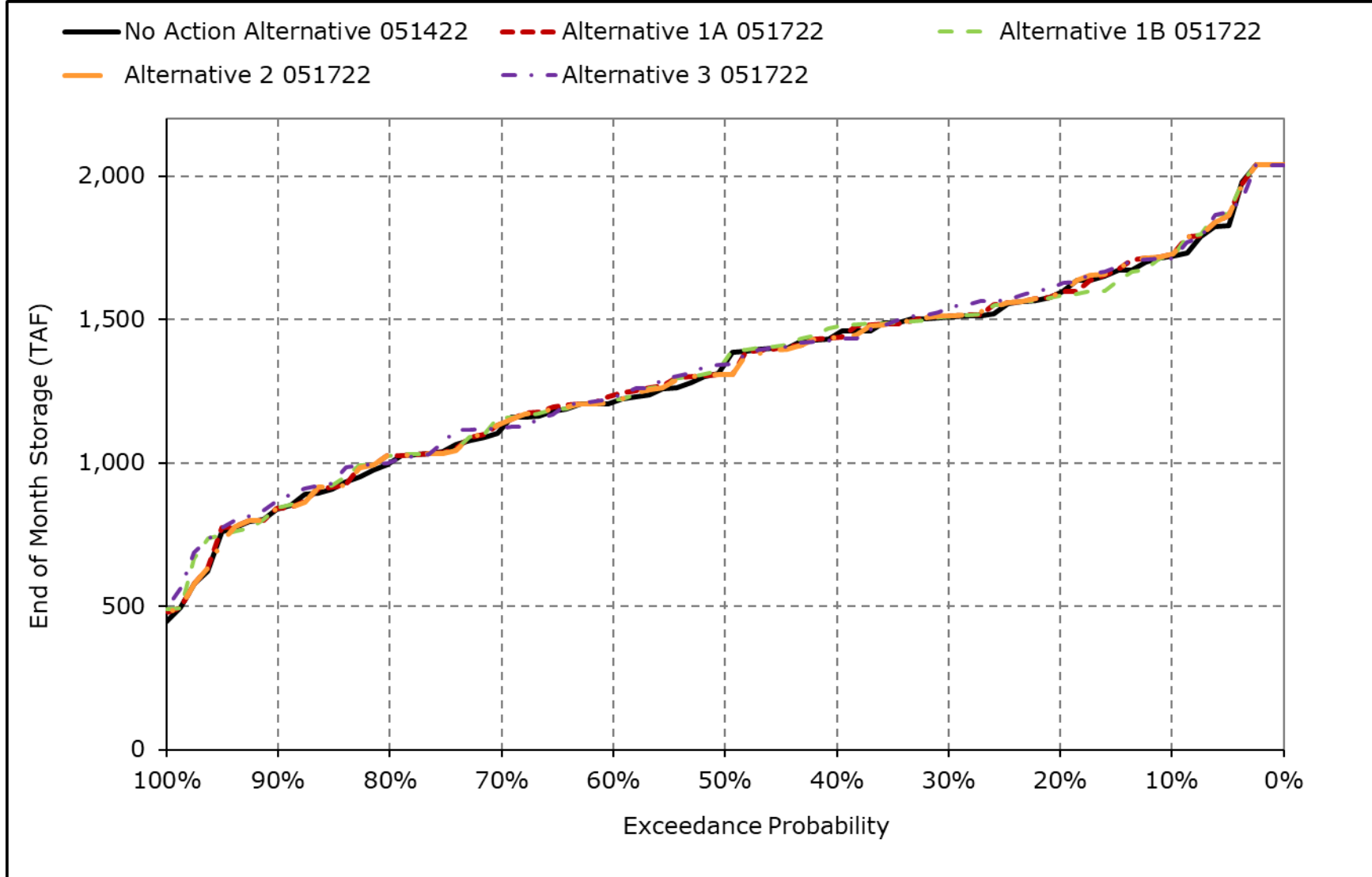
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



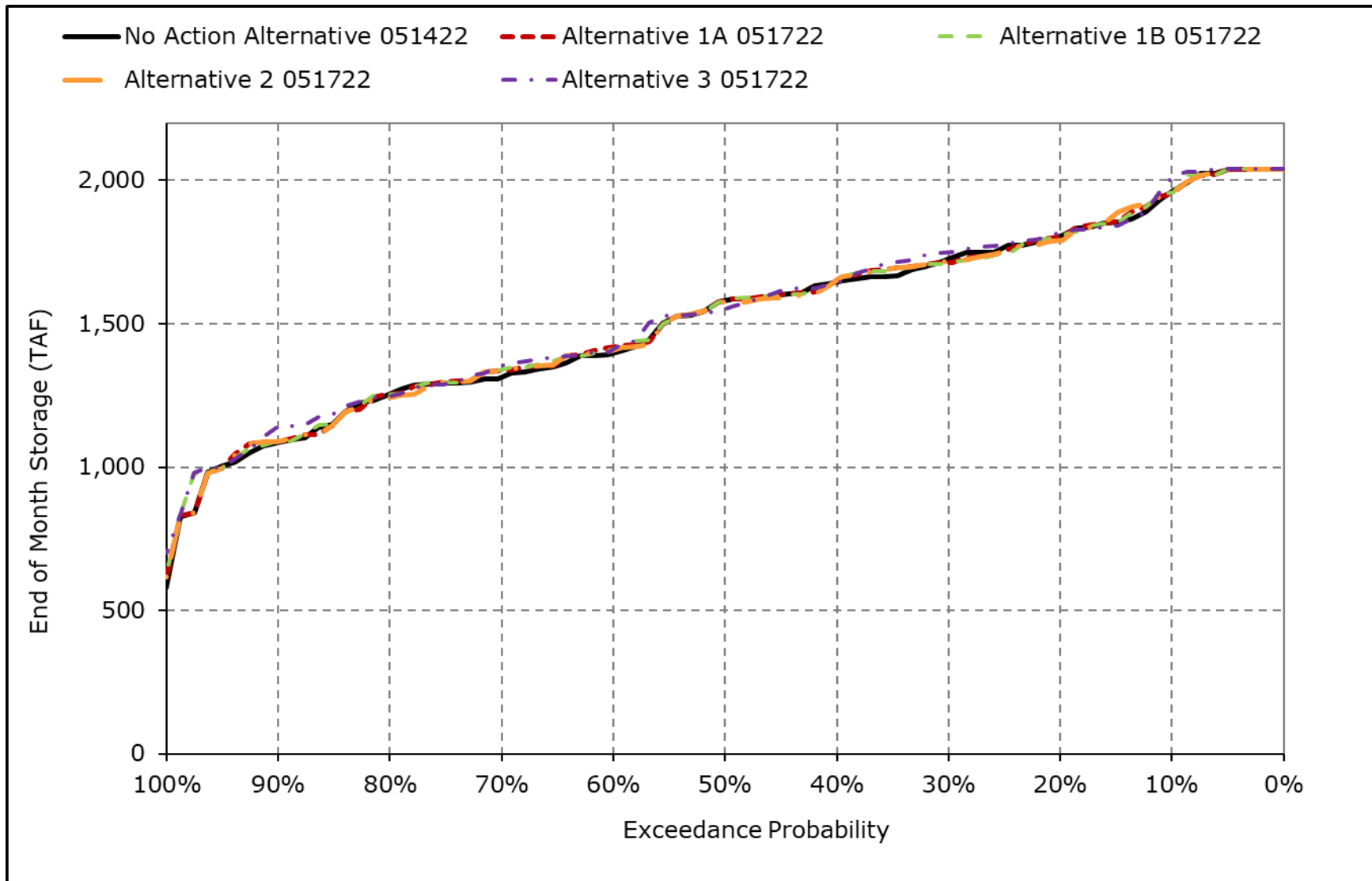
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



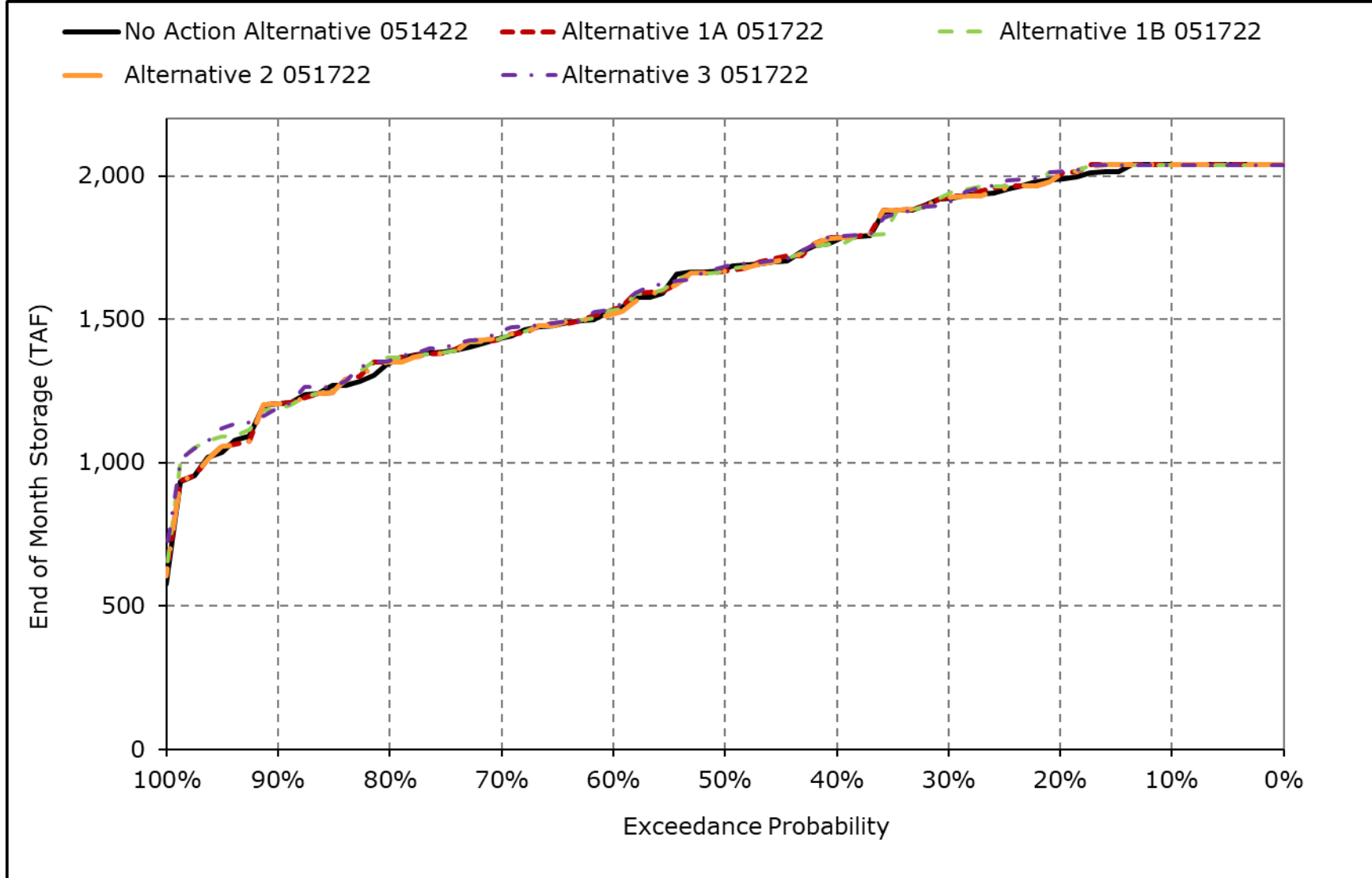
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

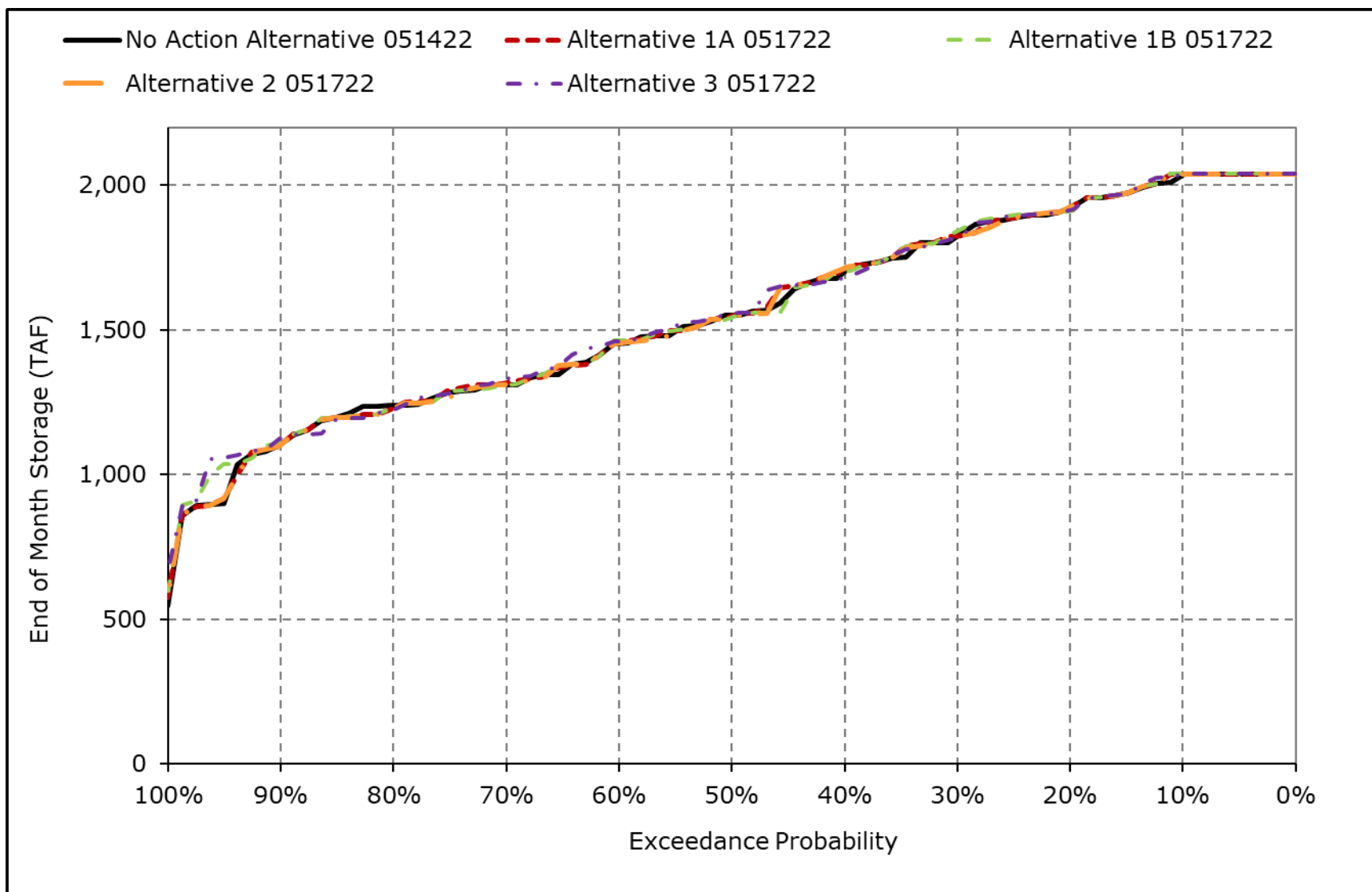
**Figure 5B4-7-6. San Luis Storage (CVP and SWP), March**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

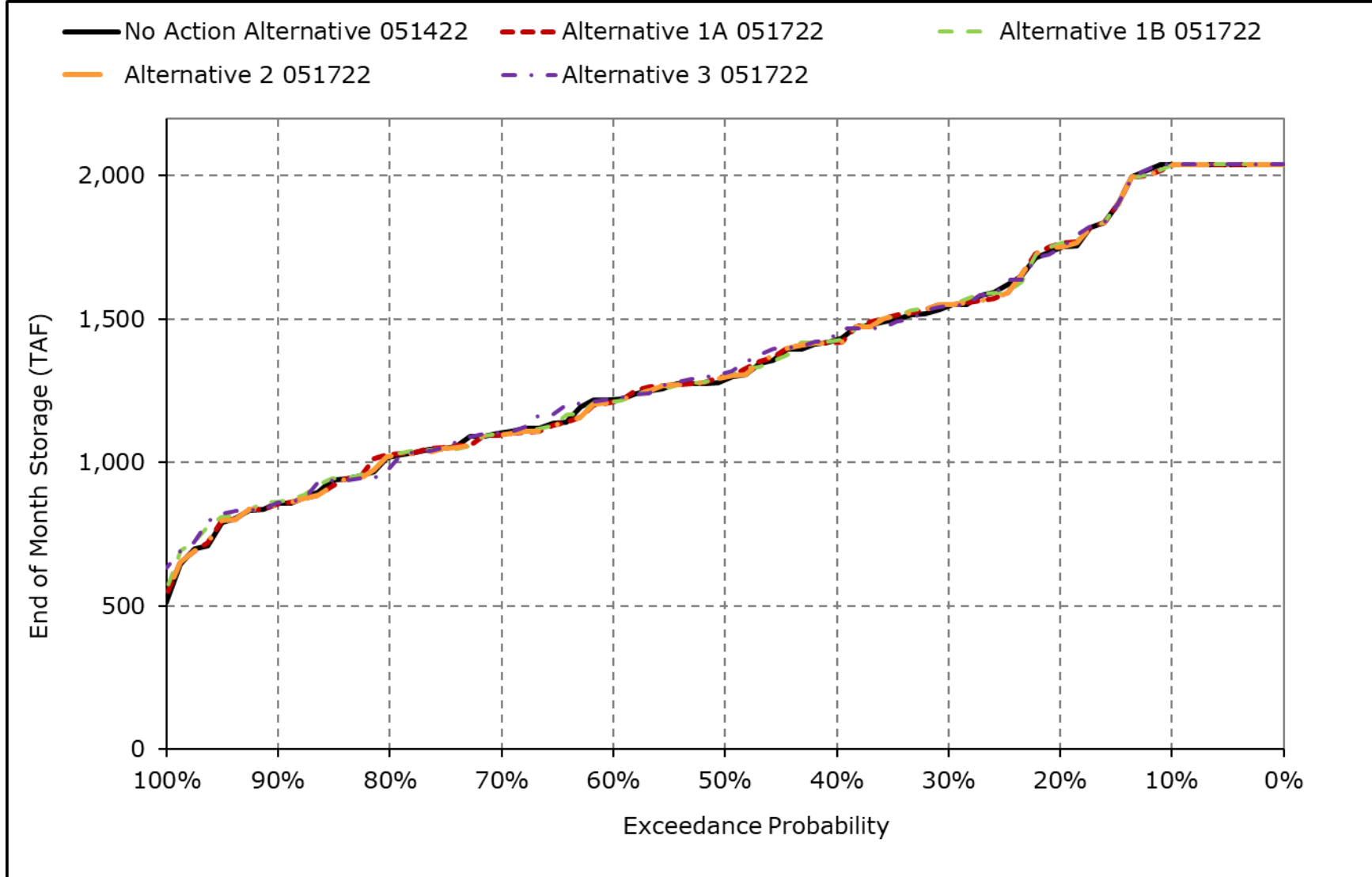


**Figure 5B4-7-7. San Luis Storage (CVP and SWP), April**



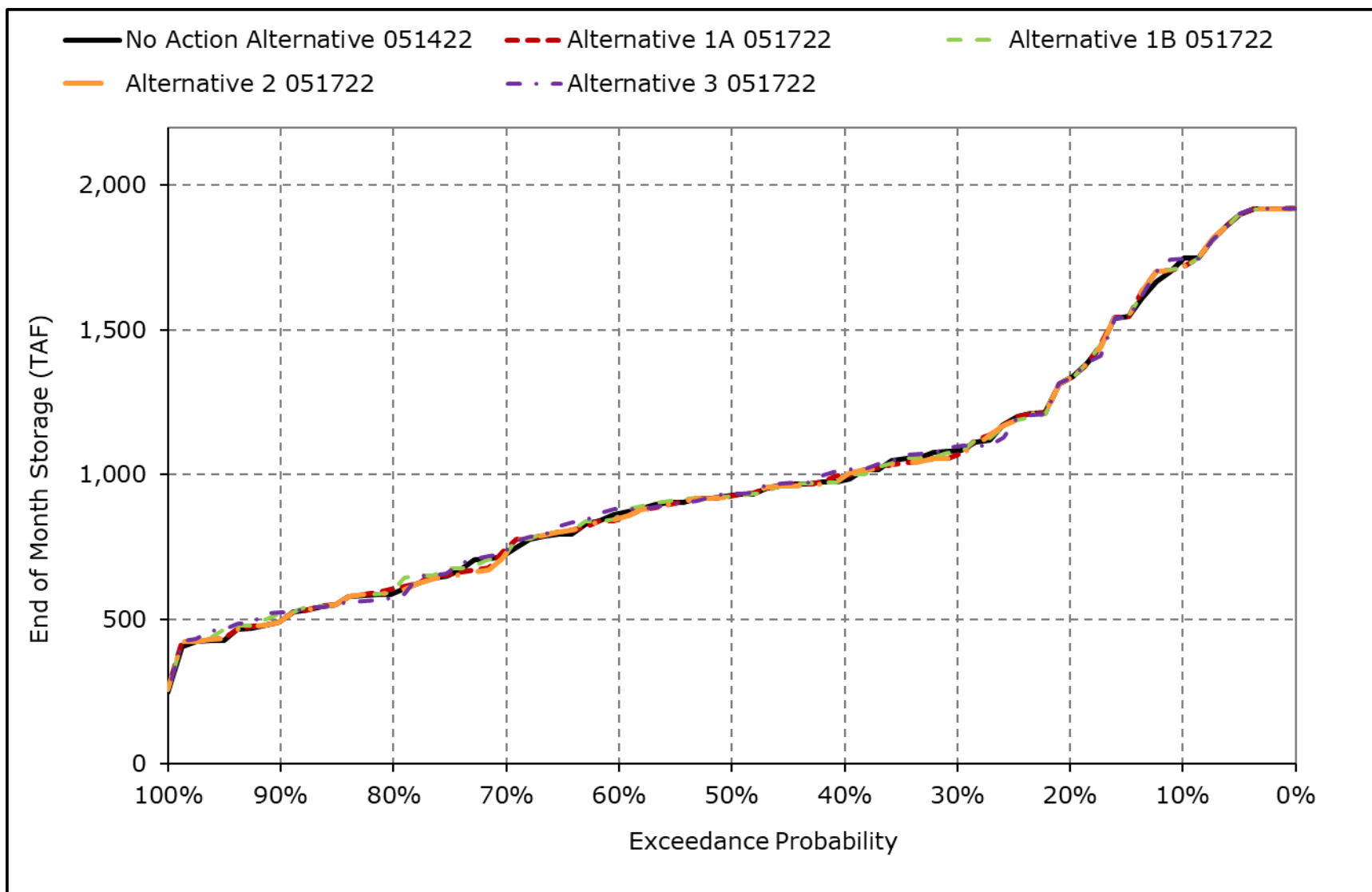
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



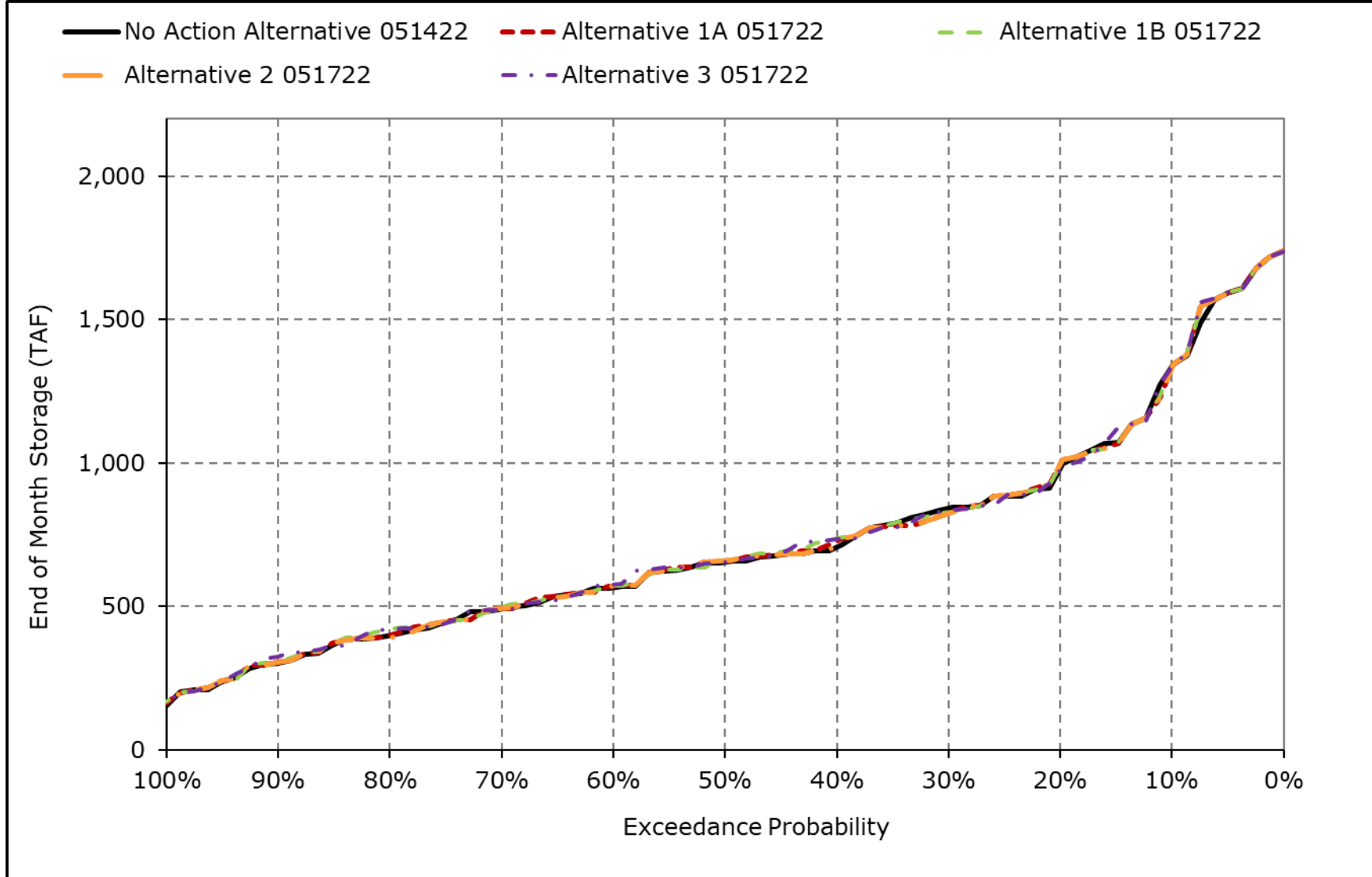
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



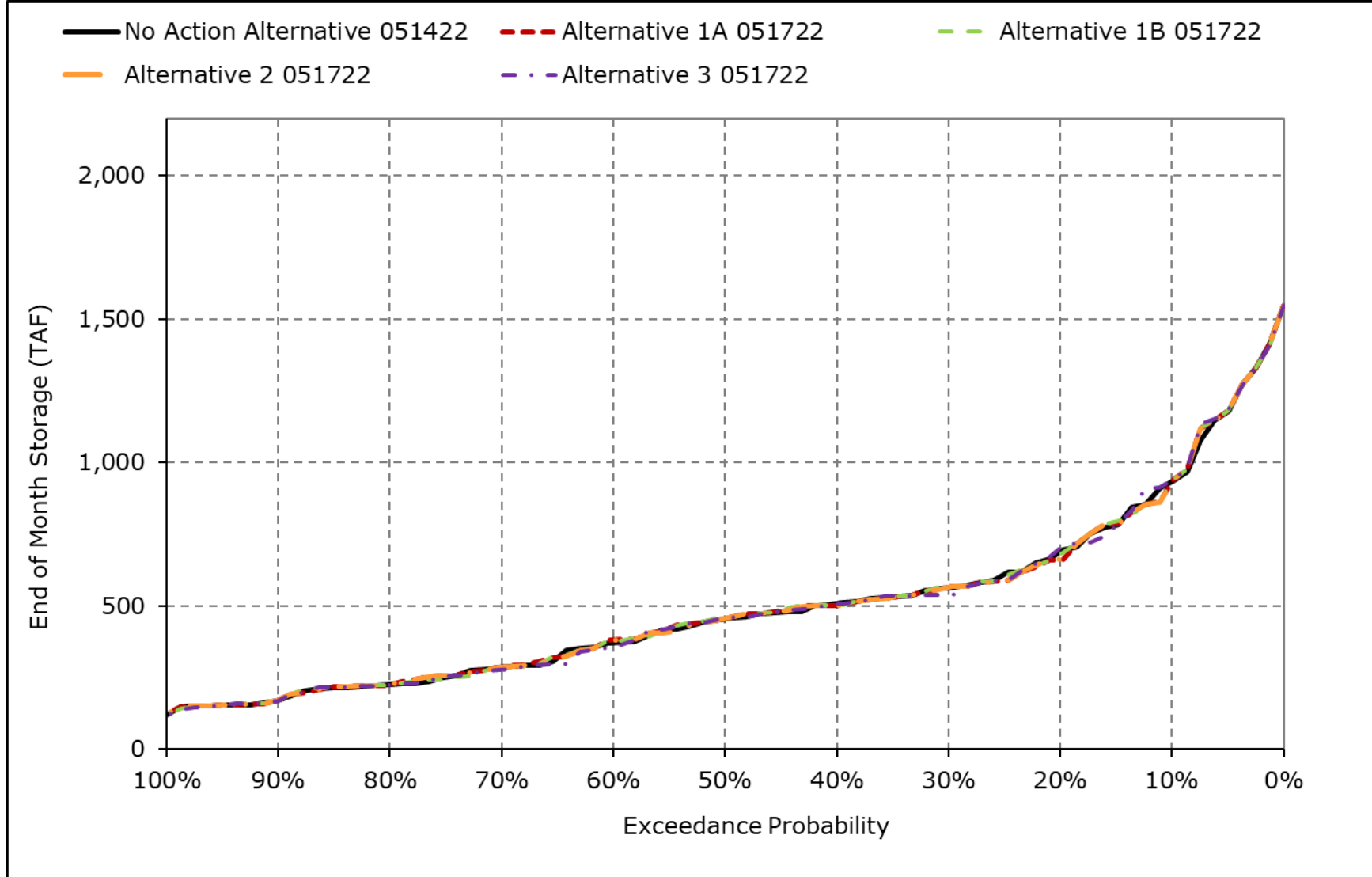
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



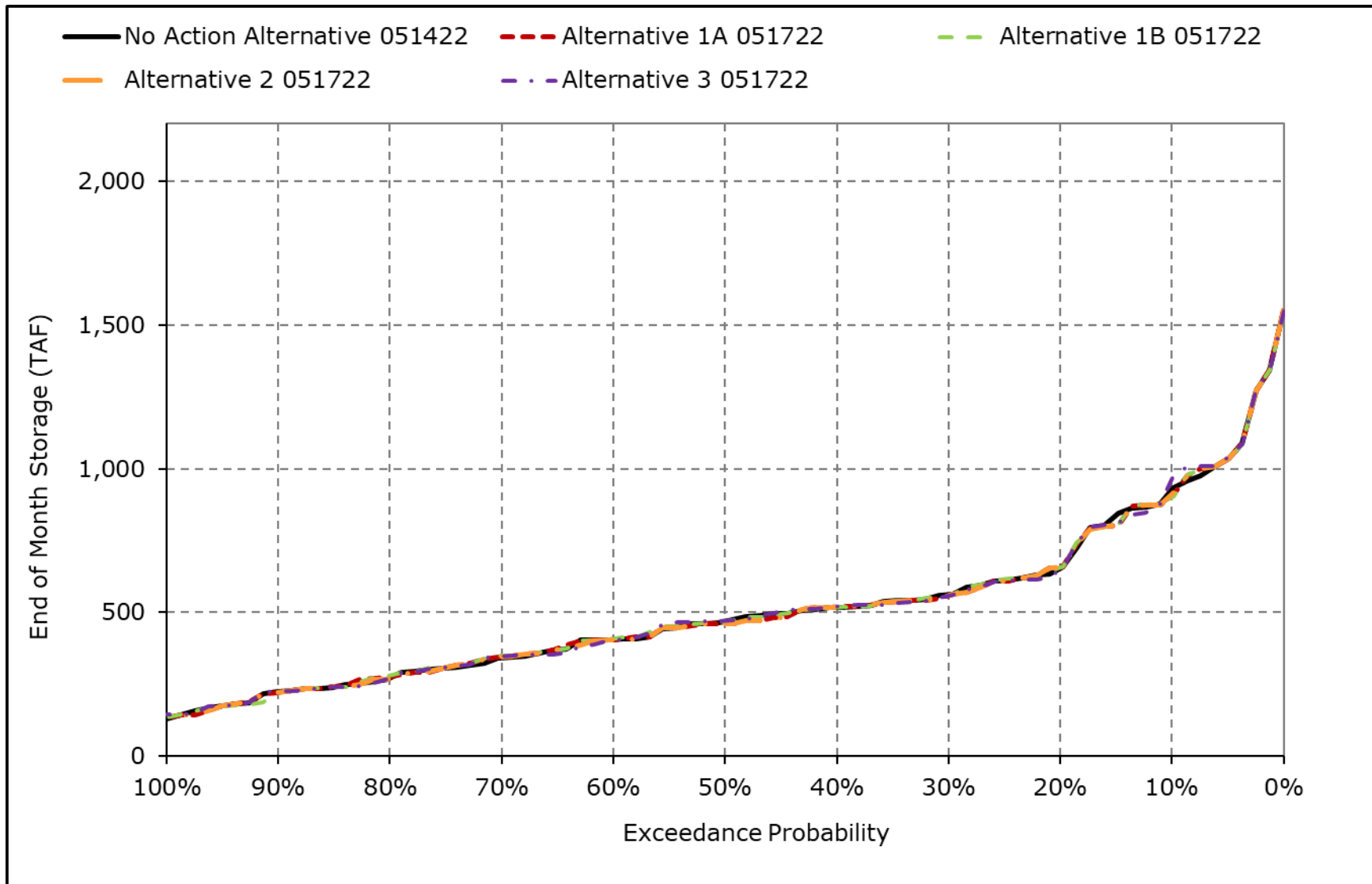
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Table 5B4-8-1a. San Luis Reservoir (SWP and CVP), No Action Alternative 051422, End of Month Elevation (Feet)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	453	477	499	518	538	544	544	544	520	485	446	445
20% Exceedance	423	454	488	507	525	540	535	520	484	451	420	415
30% Exceedance	406	442	478	500	519	534	527	503	461	436	405	404
40% Exceedance	399	433	470	495	512	523	517	493	451	422	398	399
50% Exceedance	393	426	466	486	506	515	504	480	445	415	391	393
60% Exceedance	385	410	448	473	490	502	495	474	439	405	379	384
70% Exceedance	374	403	437	464	482	493	482	463	424	396	367	375
80% Exceedance	368	393	420	453	477	486	475	455	408	383	355	364
90% Exceedance	354	376	399	436	461	472	463	438	396	370	344	354
<b>Full Simulation Period Average<sup>a</sup></b>	397	424	455	480	500	509	503	485	449	420	392	395
<b>Wet Water Years (32%)</b>	426	456	489	489	509	523	523	509	477	445	418	423
<b>Above Normal Water Years (15%)</b>	386	419	456	478	496	506	497	476	434	399	375	388
<b>Below Normal Water Years (17%)</b>	398	419	447	486	506	513	503	478	432	407	391	391
<b>Dry Water Years (22%)</b>	377	402	433	477	495	503	491	470	437	415	374	377
<b>Critical Water Years (15%)</b>	376	399	427	462	482	489	481	469	442	407	380	373

**Table 5B4-8-1b. San Luis Reservoir (SWP and CVP), Alternative 1A 051722, End of Month Elevation (Feet)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	452	480	500	519	537	544	544	544	518	484	446	443
20% Exceedance	423	451	488	507	525	541	535	522	484	452	416	416
30% Exceedance	406	443	477	500	518	535	527	503	459	435	405	404
40% Exceedance	401	434	471	494	512	523	517	492	453	424	397	399
50% Exceedance	392	425	466	482	506	514	503	481	445	416	391	391
60% Exceedance	385	412	448	475	492	502	495	473	437	406	380	384
70% Exceedance	378	404	439	466	485	494	483	462	426	396	367	375
80% Exceedance	368	396	425	455	477	486	474	455	410	383	355	364
90% Exceedance	354	374	398	436	461	472	462	438	396	370	344	354
<b>Full Simulation Period Average<sup>a</sup></b>	398	425	456	481	500	510	503	485	449	420	392	395
<b>Wet Water Years (32%)</b>	427	457	489	491	510	523	523	510	477	445	419	423
<b>Above Normal Water Years (15%)</b>	386	419	456	481	498	508	499	477	435	399	376	388
<b>Below Normal Water Years (17%)</b>	397	422	450	484	505	512	502	477	431	406	390	390
<b>Dry Water Years (22%)</b>	377	402	431	477	495	503	491	470	437	415	375	377
<b>Critical Water Years (15%)</b>	378	401	428	462	481	489	482	469	442	408	381	373

**Table 5B4-8-1c. San Luis Reservoir (SWP and CVP), Alternative 1A 051722 minus No Action Alternative 051422, End of Month Elevation (Feet)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	3	1	1	0	0	0	0	-2	0	0	-2
20% Exceedance	-1	-2	0	0	0	1	0	1	0	2	-3	1
30% Exceedance	0	1	-2	0	-1	0	0	0	-1	-2	0	0
40% Exceedance	1	1	1	-1	1	1	1	-1	2	3	-1	0
50% Exceedance	-1	0	0	-4	0	-1	0	1	0	1	0	-1
60% Exceedance	0	2	0	2	2	0	0	-1	-2	1	1	0
70% Exceedance	4	1	2	2	2	0	1	-1	2	0	0	1
80% Exceedance	0	3	6	2	0	1	-1	1	2	0	0	1
90% Exceedance	0	-1	-1	0	0	0	0	0	0	1	0	0
<b>Full Simulation Period Average<sup>a</sup></b>	1	1	1	1	0	0	0	0	0	0	0	0
<b>Wet Water Years (32%)</b>	1	1	1	1	1	0	0	0	0	0	0	0
<b>Above Normal Water Years (15%)</b>	1	0	0	3	2	2	1	1	1	1	1	0
<b>Below Normal Water Years (17%)</b>	-1	4	3	-2	-1	-1	-1	-1	-1	-1	-1	-1
<b>Dry Water Years (22%)</b>	0	0	-2	0	0	0	0	0	0	0	0	0
<b>Critical Water Years (15%)</b>	2	1	2	-1	0	0	0	0	0	0	0	0

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-8-2a. San Luis Reservoir (SWP and CVP), No Action Alternative 051422, End of Month Elevation (Feet)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	453	477	499	518	538	544	544	544	520	485	446	445
20% Exceedance	423	454	488	507	525	540	535	520	484	451	420	415
30% Exceedance	406	442	478	500	519	534	527	503	461	436	405	404
40% Exceedance	399	433	470	495	512	523	517	493	451	422	398	399
50% Exceedance	393	426	466	486	506	515	504	480	445	415	391	393
60% Exceedance	385	410	448	473	490	502	495	474	439	405	379	384
70% Exceedance	374	403	437	464	482	493	482	463	424	396	367	375
80% Exceedance	368	393	420	453	477	486	475	455	408	383	355	364
90% Exceedance	354	376	399	436	461	472	463	438	396	370	344	354
<b>Full Simulation Period Average<sup>a</sup></b>	397	424	455	480	500	509	503	485	449	420	392	395
<b>Wet Water Years (32%)</b>	426	456	489	489	509	523	523	509	477	445	418	423
<b>Above Normal Water Years (15%)</b>	386	419	456	478	496	506	497	476	434	399	375	388
<b>Below Normal Water Years (17%)</b>	398	419	447	486	506	513	503	478	432	407	391	391
<b>Dry Water Years (22%)</b>	377	402	433	477	495	503	491	470	437	415	374	377
<b>Critical Water Years (15%)</b>	376	399	427	462	482	489	481	469	442	407	380	373

**Table 5B4-8-2b. San Luis Reservoir (SWP and CVP), Alternative 1B 051722, End of Month Elevation (Feet)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	453	480	500	518	537	544	544	544	518	484	446	442
20% Exceedance	423	452	487	506	525	542	534	522	484	452	419	415
30% Exceedance	408	444	477	500	518	536	528	503	460	435	405	404
40% Exceedance	400	435	470	497	512	522	517	493	452	425	397	399
50% Exceedance	393	426	466	486	506	514	503	481	445	416	391	393
60% Exceedance	385	413	447	474	492	502	496	473	438	406	380	384
70% Exceedance	378	404	436	468	485	494	482	462	424	397	367	376
80% Exceedance	368	396	425	455	477	487	474	455	409	386	355	365
90% Exceedance	354	376	399	437	461	470	464	439	400	370	344	354
<b>Full Simulation Period Average<sup>a</sup></b>	398	426	456	481	500	510	503	485	450	420	392	395
<b>Wet Water Years (32%)</b>	427	457	489	490	510	523	523	509	477	445	419	423
<b>Above Normal Water Years (15%)</b>	386	419	456	481	498	507	498	476	435	399	376	388
<b>Below Normal Water Years (17%)</b>	398	425	453	486	506	513	502	478	432	407	390	391
<b>Dry Water Years (22%)</b>	377	403	429	477	495	504	491	470	437	416	374	376
<b>Critical Water Years (15%)</b>	378	401	428	462	482	491	484	471	444	408	381	374

**Table 5B4-8-2c. San Luis Reservoir (SWP and CVP), Alternative 1B 051722 minus No Action Alternative 051422, End of Month Elevation (Feet)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	3	1	0	0	0	0	0	-2	0	0	-3
20% Exceedance	-1	-2	0	-1	0	2	-1	1	0	1	-1	0
30% Exceedance	2	3	-2	0	-1	1	1	0	0	-1	1	0
40% Exceedance	1	1	0	2	1	-1	0	0	1	4	-1	0
50% Exceedance	0	0	0	1	0	-1	-1	1	0	1	1	0
60% Exceedance	0	3	-1	1	1	0	1	-1	-1	1	1	0
70% Exceedance	4	1	-1	4	3	0	0	0	0	1	0	1
80% Exceedance	0	2	6	2	0	2	-1	1	1	3	0	2
90% Exceedance	1	1	0	1	0	-2	1	1	3	1	1	0
<b>Full Simulation Period Average<sup>a</sup></b>	1	2	1	1	1	1	1	0	0	0	0	0
<b>Wet Water Years (32%)</b>	1	1	1	1	1	0	0	0	0	0	0	0
<b>Above Normal Water Years (15%)</b>	1	1	1	3	2	1	1	1	1	0	0	0
<b>Below Normal Water Years (17%)</b>	0	6	6	0	0	0	0	0	0	0	0	0
<b>Dry Water Years (22%)</b>	0	1	-4	0	0	0	0	0	0	1	0	0
<b>Critical Water Years (15%)</b>	2	2	2	0	0	2	2	2	2	1	1	1

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.



**Table 5B4-8-3a. San Luis Reservoir (SWP and CVP), No Action Alternative 051422, End of Month Elevation (Feet)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	453	477	499	518	538	544	544	544	520	485	446	445
20% Exceedance	423	454	488	507	525	540	535	520	484	451	420	415
30% Exceedance	406	442	478	500	519	534	527	503	461	436	405	404
40% Exceedance	399	433	470	495	512	523	517	493	451	422	398	399
50% Exceedance	393	426	466	486	506	515	504	480	445	415	391	393
60% Exceedance	385	410	448	473	490	502	495	474	439	405	379	384
70% Exceedance	374	403	437	464	482	493	482	463	424	396	367	375
80% Exceedance	368	393	420	453	477	486	475	455	408	383	355	364
90% Exceedance	354	376	399	436	461	472	463	438	396	370	344	354
<b>Full Simulation Period Average<sup>a</sup></b>	397	424	455	480	500	509	503	485	449	420	392	395
<b>Wet Water Years (32%)</b>	426	456	489	489	509	523	523	509	477	445	418	423
<b>Above Normal Water Years (15%)</b>	386	419	456	478	496	506	497	476	434	399	375	388
<b>Below Normal Water Years (17%)</b>	398	419	447	486	506	513	503	478	432	407	391	391
<b>Dry Water Years (22%)</b>	377	402	433	477	495	503	491	470	437	415	374	377
<b>Critical Water Years (15%)</b>	376	399	427	462	482	489	481	469	442	407	380	373

**Table 5B4-8-3b. San Luis Reservoir (SWP and CVP), Alternative 2 051722, End of Month Elevation (Feet)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	452	480	500	519	537	544	544	544	518	484	446	443
20% Exceedance	423	453	488	507	524	541	535	521	484	452	416	416
30% Exceedance	406	443	479	500	518	535	527	503	459	434	405	404
40% Exceedance	401	434	472	494	512	523	518	492	452	423	397	399
50% Exceedance	393	425	466	482	506	514	503	481	445	416	391	391
60% Exceedance	385	412	448	473	491	501	495	473	437	406	380	384
70% Exceedance	375	404	437	466	485	494	482	462	424	396	367	376
80% Exceedance	367	395	426	455	476	486	474	455	408	382	355	363
90% Exceedance	354	374	397	436	461	472	462	438	396	370	344	354
<b>Full Simulation Period Average<sup>a</sup></b>	398	425	456	481	500	510	502	484	449	420	392	395
<b>Wet Water Years (32%)</b>	427	457	489	491	510	523	523	510	477	445	419	423
<b>Above Normal Water Years (15%)</b>	386	419	456	481	498	507	498	476	435	399	376	388
<b>Below Normal Water Years (17%)</b>	397	422	449	483	504	512	501	477	430	406	390	390
<b>Dry Water Years (22%)</b>	377	402	432	477	495	503	491	470	436	415	375	377
<b>Critical Water Years (15%)</b>	377	400	428	462	481	489	481	469	442	407	380	373

**Table 5B4-8-3c. San Luis Reservoir (SWP and CVP), Alternative 2 051722 minus No Action Alternative 051422, End of Month Elevation (Feet)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	3	1	1	0	0	0	0	-2	0	0	-2
20% Exceedance	-1	0	0	0	-1	1	0	0	0	2	-3	1
30% Exceedance	0	1	0	0	-1	0	0	0	-1	-2	0	0
40% Exceedance	1	1	1	-1	1	1	1	-1	1	2	-1	0
50% Exceedance	-1	0	0	-4	-1	-1	-1	1	0	1	0	-1
60% Exceedance	0	2	-1	0	1	-1	0	-1	-2	1	1	0
70% Exceedance	1	1	0	2	2	0	0	-1	0	0	0	1
80% Exceedance	-1	2	6	2	-1	0	-1	0	1	-1	0	0
90% Exceedance	0	-1	-2	0	0	0	0	0	0	1	0	0
<b>Full Simulation Period Average<sup>a</sup></b>	0	1	0	0	0	0	0	0	0	0	0	0
<b>Wet Water Years (32%)</b>	1	1	1	1	1	0	0	0	0	0	0	0
<b>Above Normal Water Years (15%)</b>	1	0	0	3	2	1	1	1	1	1	1	0
<b>Below Normal Water Years (17%)</b>	-1	3	2	-2	-2	-1	-1	-1	-1	-1	-1	-1
<b>Dry Water Years (22%)</b>	0	0	-2	0	0	0	0	0	0	0	0	0
<b>Critical Water Years (15%)</b>	1	1	1	0	0	0	0	0	0	0	0	-1

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-8-4a. San Luis Reservoir (SWP and CVP), No Action Alternative 051422, End of Month Elevation (Feet)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	453	477	499	518	538	544	544	544	520	485	446	445
20% Exceedance	423	454	488	507	525	540	535	520	484	451	420	415
30% Exceedance	406	442	478	500	519	534	527	503	461	436	405	404
40% Exceedance	399	433	470	495	512	523	517	493	451	422	398	399
50% Exceedance	393	426	466	486	506	515	504	480	445	415	391	393
60% Exceedance	385	410	448	473	490	502	495	474	439	405	379	384
70% Exceedance	374	403	437	464	482	493	482	463	424	396	367	375
80% Exceedance	368	393	420	453	477	486	475	455	408	383	355	364
90% Exceedance	354	376	399	436	461	472	463	438	396	370	344	354
<b>Full Simulation Period Average<sup>a</sup></b>	397	424	455	480	500	509	503	485	449	420	392	395
<b>Wet Water Years (32%)</b>	426	456	489	489	509	523	523	509	477	445	418	423
<b>Above Normal Water Years (15%)</b>	386	419	456	478	496	506	497	476	434	399	375	388
<b>Below Normal Water Years (17%)</b>	398	419	447	486	506	513	503	478	432	407	391	391
<b>Dry Water Years (22%)</b>	377	402	433	477	495	503	491	470	437	415	374	377
<b>Critical Water Years (15%)</b>	376	399	427	462	482	489	481	469	442	407	380	373

**Table 5B4-8-4b. San Luis Reservoir (SWP and CVP), Alternative 3 051722, End of Month Elevation (Feet)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	455	473	499	517	542	544	544	544	520	485	446	449
20% Exceedance	421	458	490	510	526	542	534	520	484	450	421	415
30% Exceedance	411	442	482	502	520	534	526	503	462	436	402	404
40% Exceedance	404	433	470	493	512	524	515	495	454	425	398	400
50% Exceedance	397	428	461	485	504	515	504	482	446	415	391	393
60% Exceedance	387	413	448	474	491	503	496	474	440	406	377	384
70% Exceedance	374	405	434	464	486	496	484	463	425	395	365	376
80% Exceedance	365	392	427	453	476	486	474	451	406	386	355	364
90% Exceedance	356	377	403	439	466	471	465	438	400	373	344	355
<b>Full Simulation Period Average<sup>a</sup></b>	398	426	457	482	501	511	504	485	450	420	392	395
<b>Wet Water Years (32%)</b>	427	457	489	492	512	525	524	510	478	445	419	423
<b>Above Normal Water Years (15%)</b>	386	420	457	480	498	507	498	477	435	400	373	386
<b>Below Normal Water Years (17%)</b>	398	422	453	481	502	509	499	475	430	405	390	392
<b>Dry Water Years (22%)</b>	379	407	432	480	498	506	494	473	439	417	375	377
<b>Critical Water Years (15%)</b>	378	401	429	466	485	493	485	473	445	409	381	374

**Table 5B4-8-4c. San Luis Reservoir (SWP and CVP), Alternative 3 051722 minus No Action Alternative 051422, End of Month Elevation (Feet)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2	-4	0	-1	4	0	0	0	0	0	0	4
20% Exceedance	-2	5	2	3	1	2	-1	0	0	0	2	-1
30% Exceedance	4	0	3	3	2	-1	0	0	1	-1	-3	0
40% Exceedance	5	0	0	-2	0	1	-2	2	4	3	0	0
50% Exceedance	3	2	-5	0	-3	1	0	2	0	0	0	0
60% Exceedance	3	2	0	2	1	1	0	0	2	1	-2	0
70% Exceedance	0	2	-2	0	4	2	2	0	1	0	-2	1
80% Exceedance	-2	-1	8	0	-1	1	-2	-4	-2	3	0	0
90% Exceedance	3	2	3	3	5	-1	2	0	4	3	0	1
<b>Full Simulation Period Average<sup>a</sup></b>	1	2	2	2	2	1	1	1	1	1	0	0
<b>Wet Water Years (32%)</b>	1	1	1	3	3	2	1	1	1	0	0	0
<b>Above Normal Water Years (15%)</b>	1	1	2	3	2	1	1	1	1	1	-2	-2
<b>Below Normal Water Years (17%)</b>	0	3	6	-4	-4	-4	-4	-4	-2	-1	-1	2
<b>Dry Water Years (22%)</b>	2	5	-1	3	3	3	3	3	2	2	0	0
<b>Critical Water Years (15%)</b>	2	1	2	4	3	4	4	4	3	1	1	0

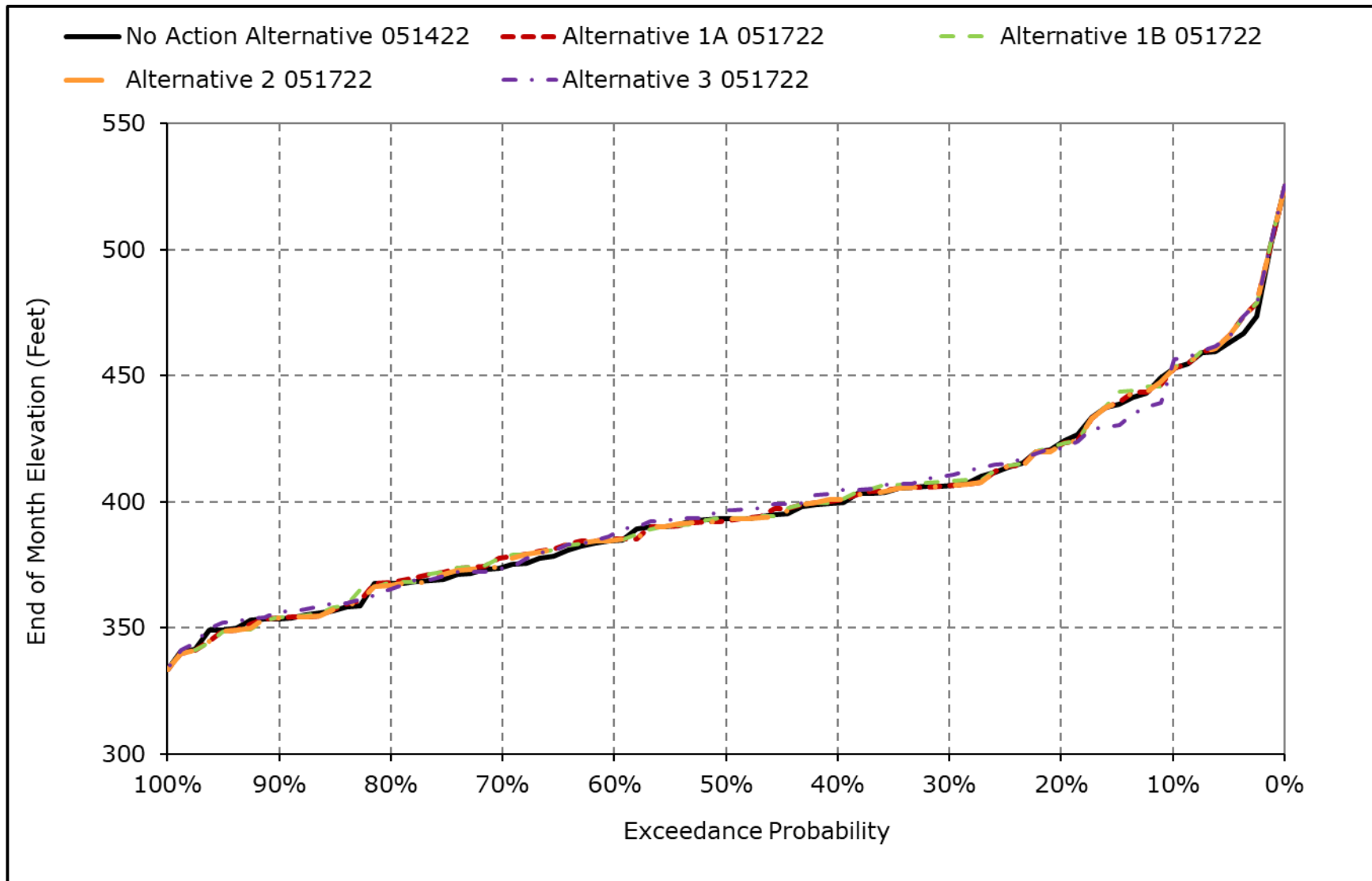
<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

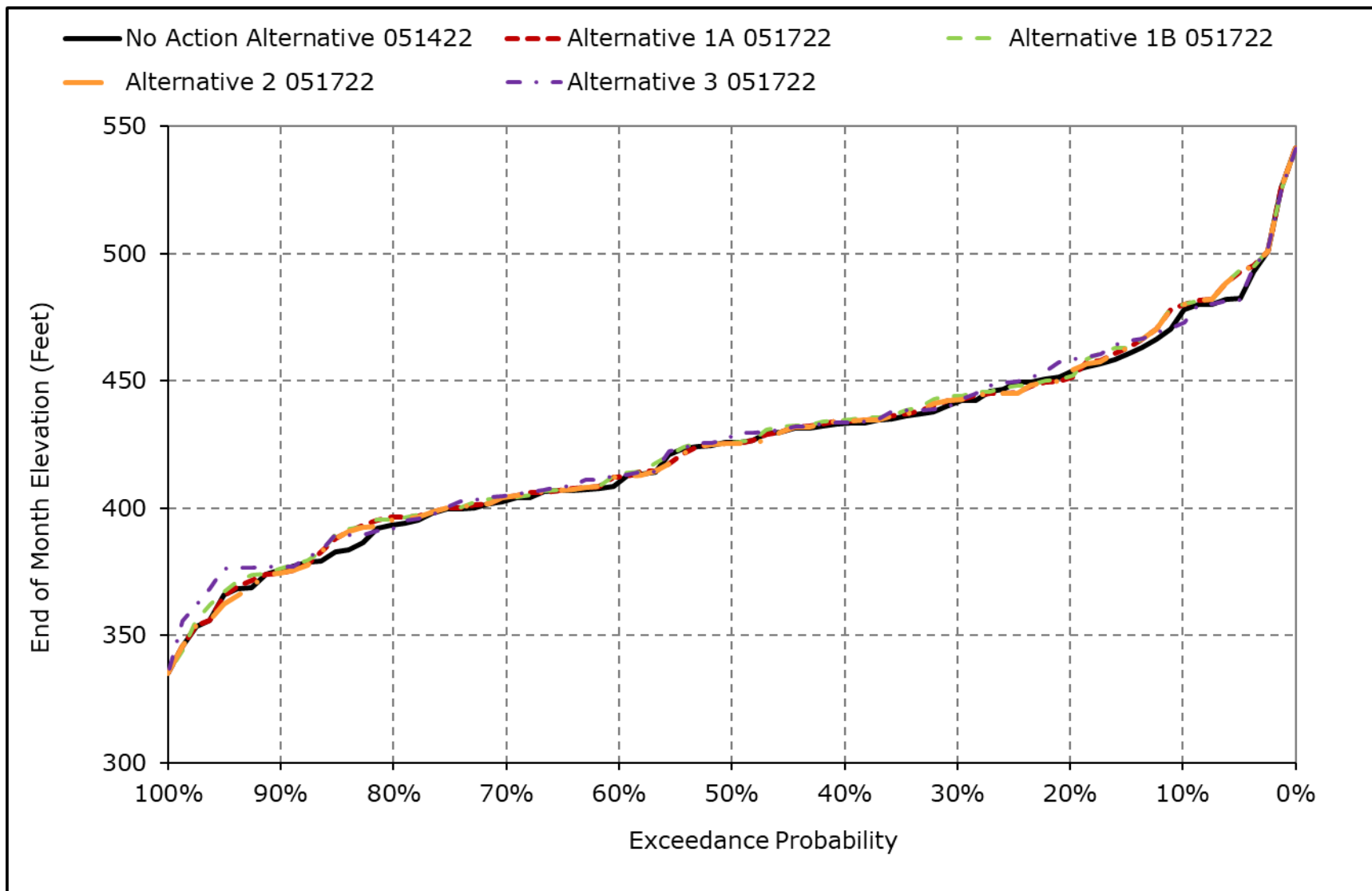
\* Water Year Types results are displayed with calendar year - year type sorting.

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



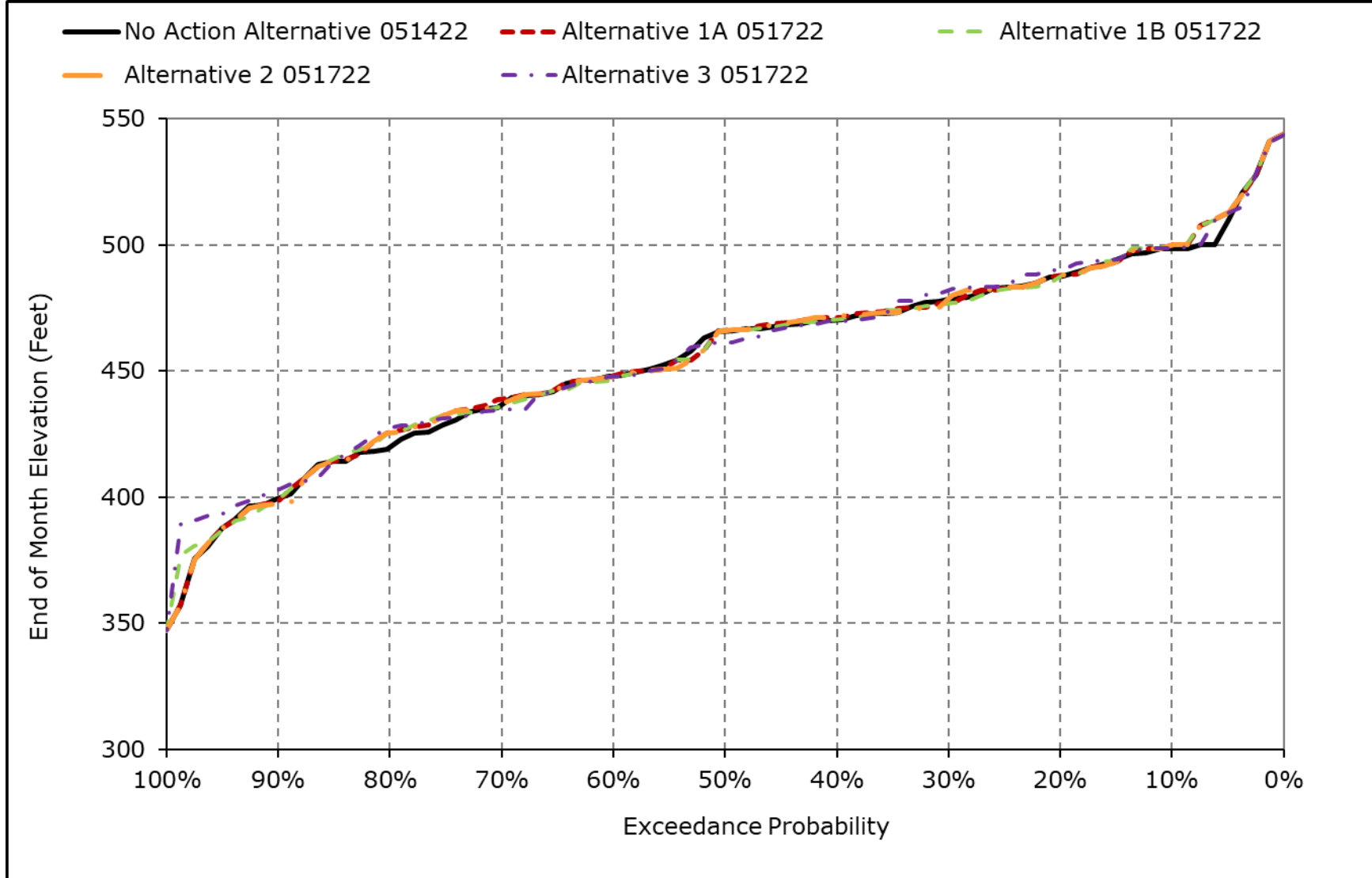
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



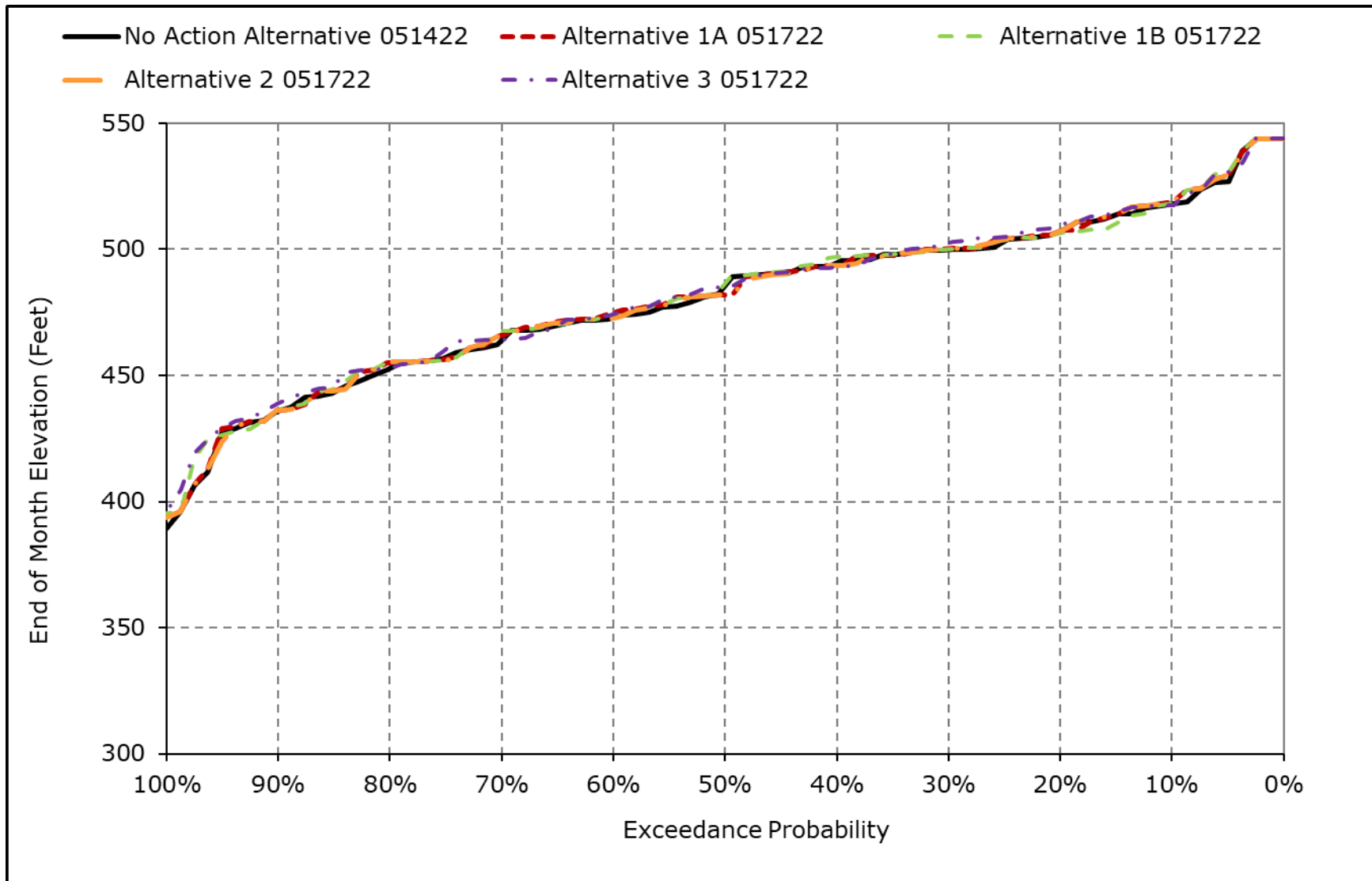
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



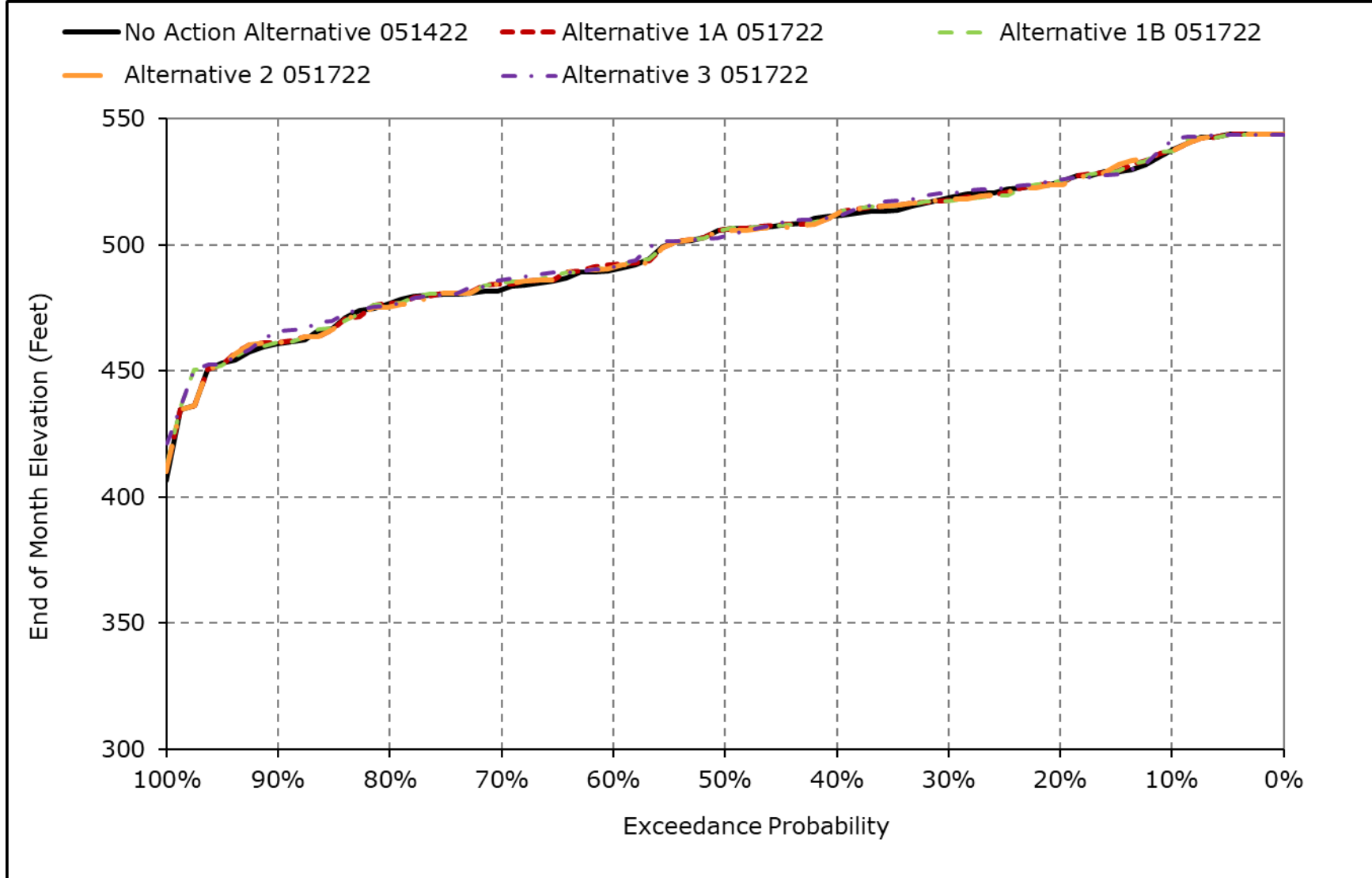
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



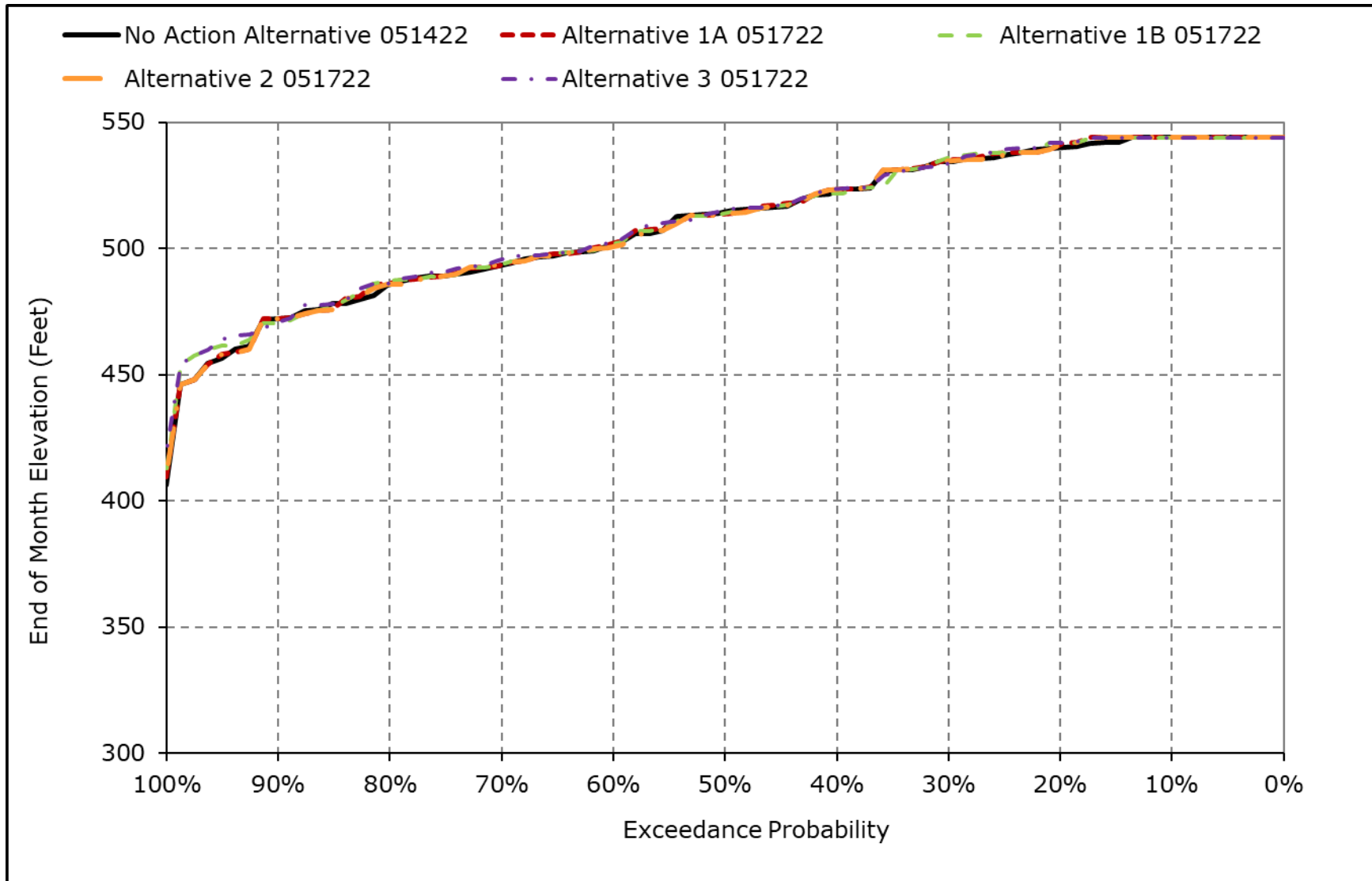
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

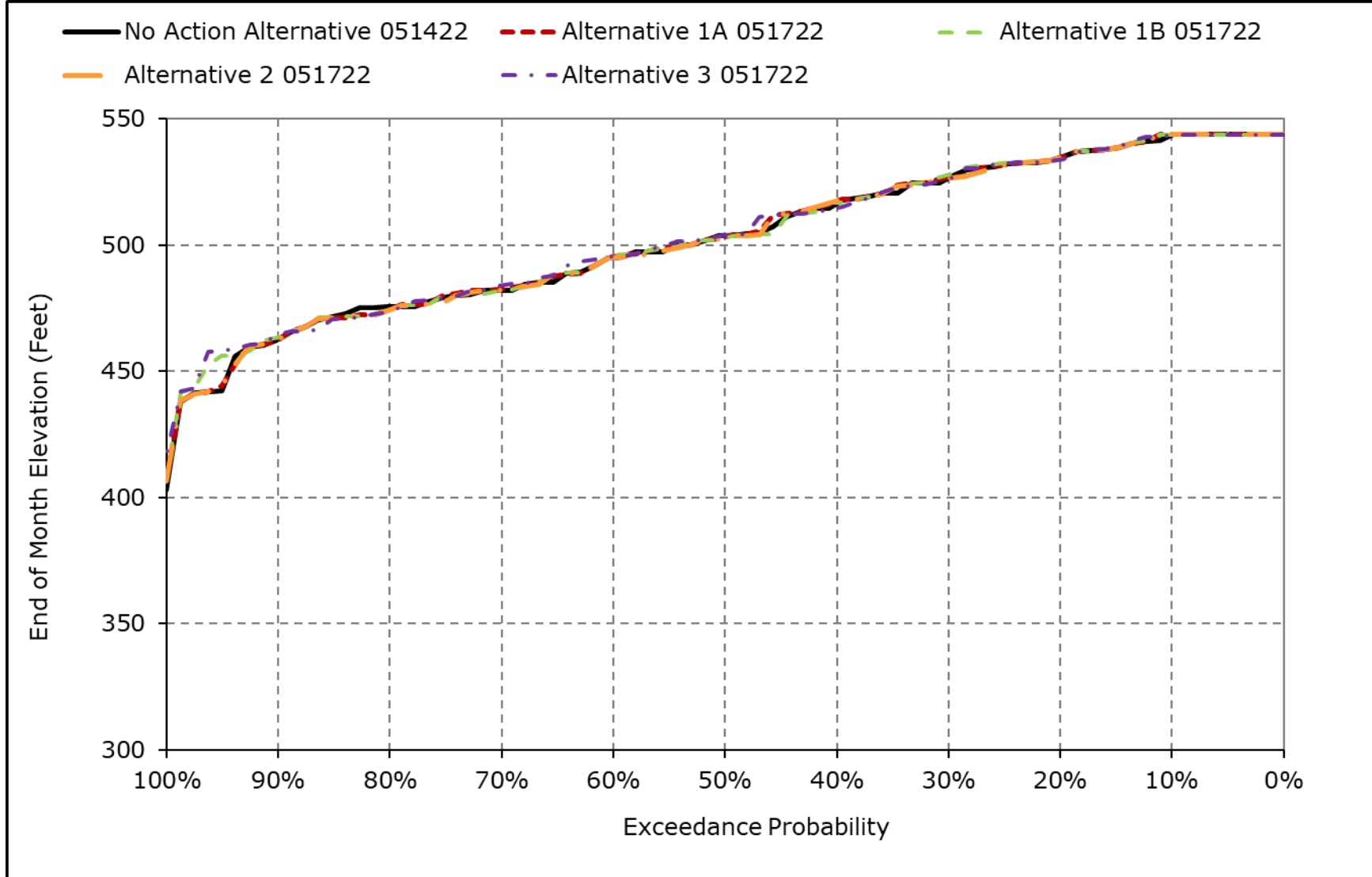
**Figure 5B4-8-6. San Luis Reservoir (SWP and CVP), March**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

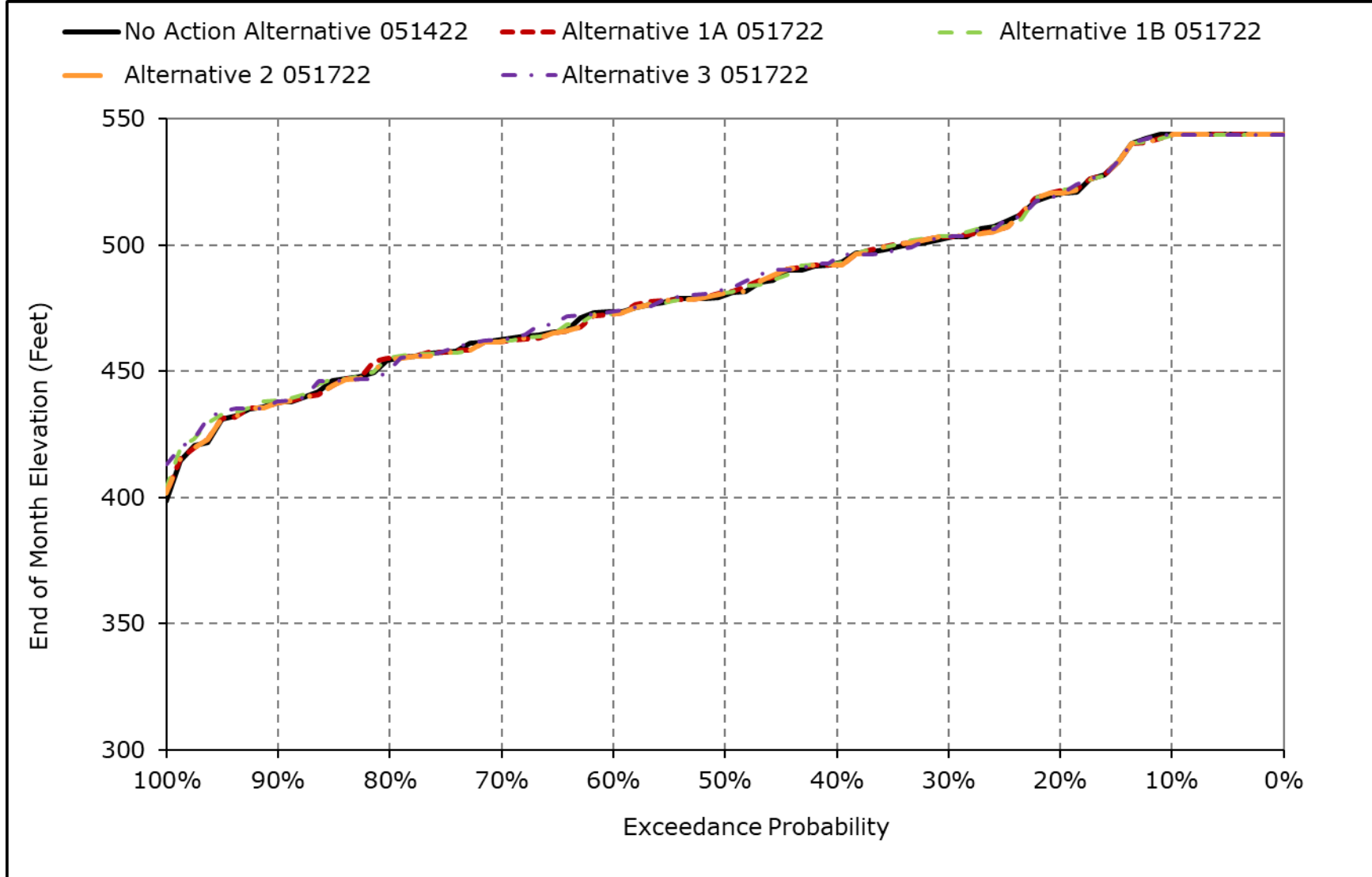


**Figure 5B4-8-7. San Luis Reservoir (SWP and CVP), April**



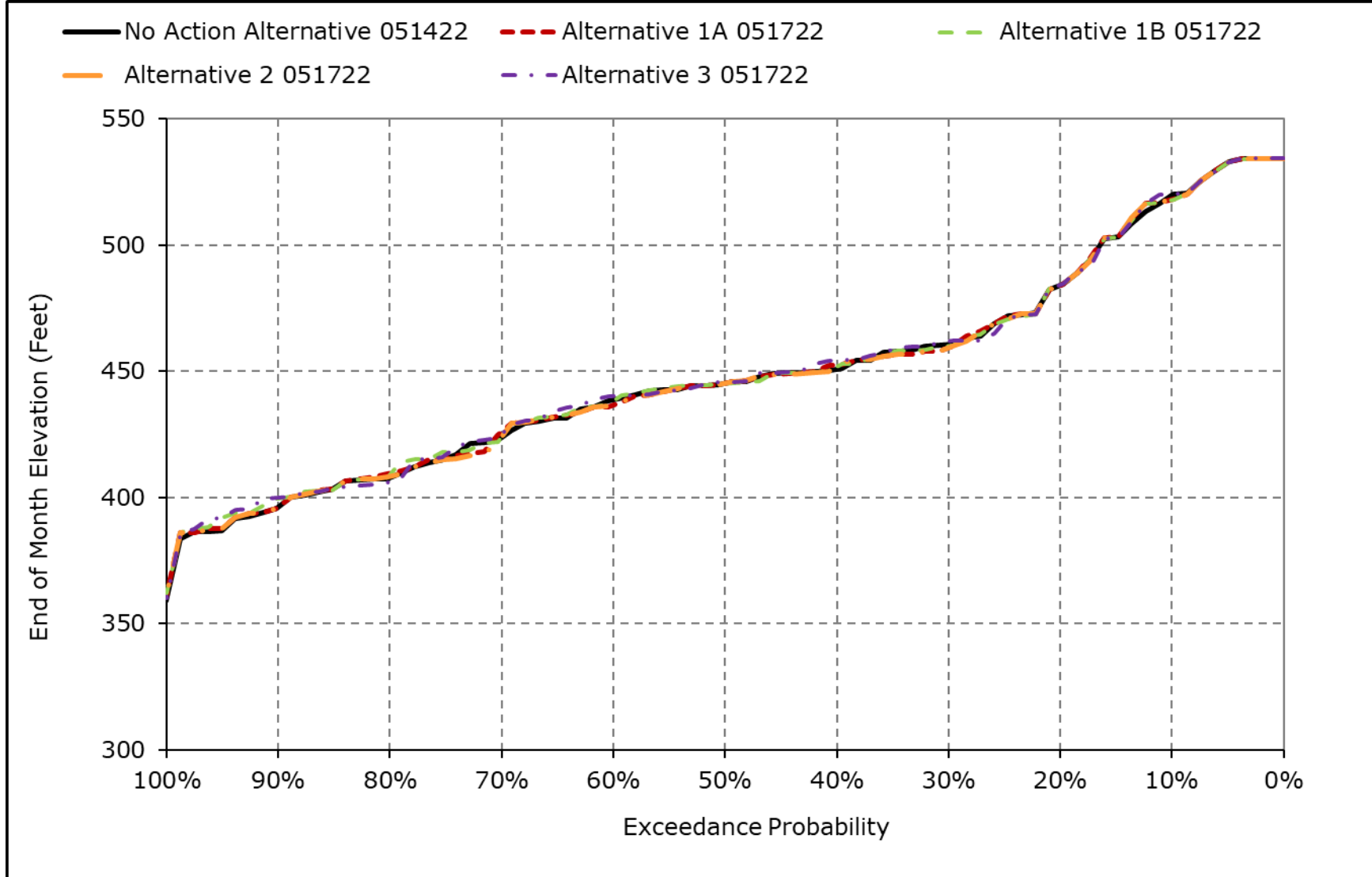
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



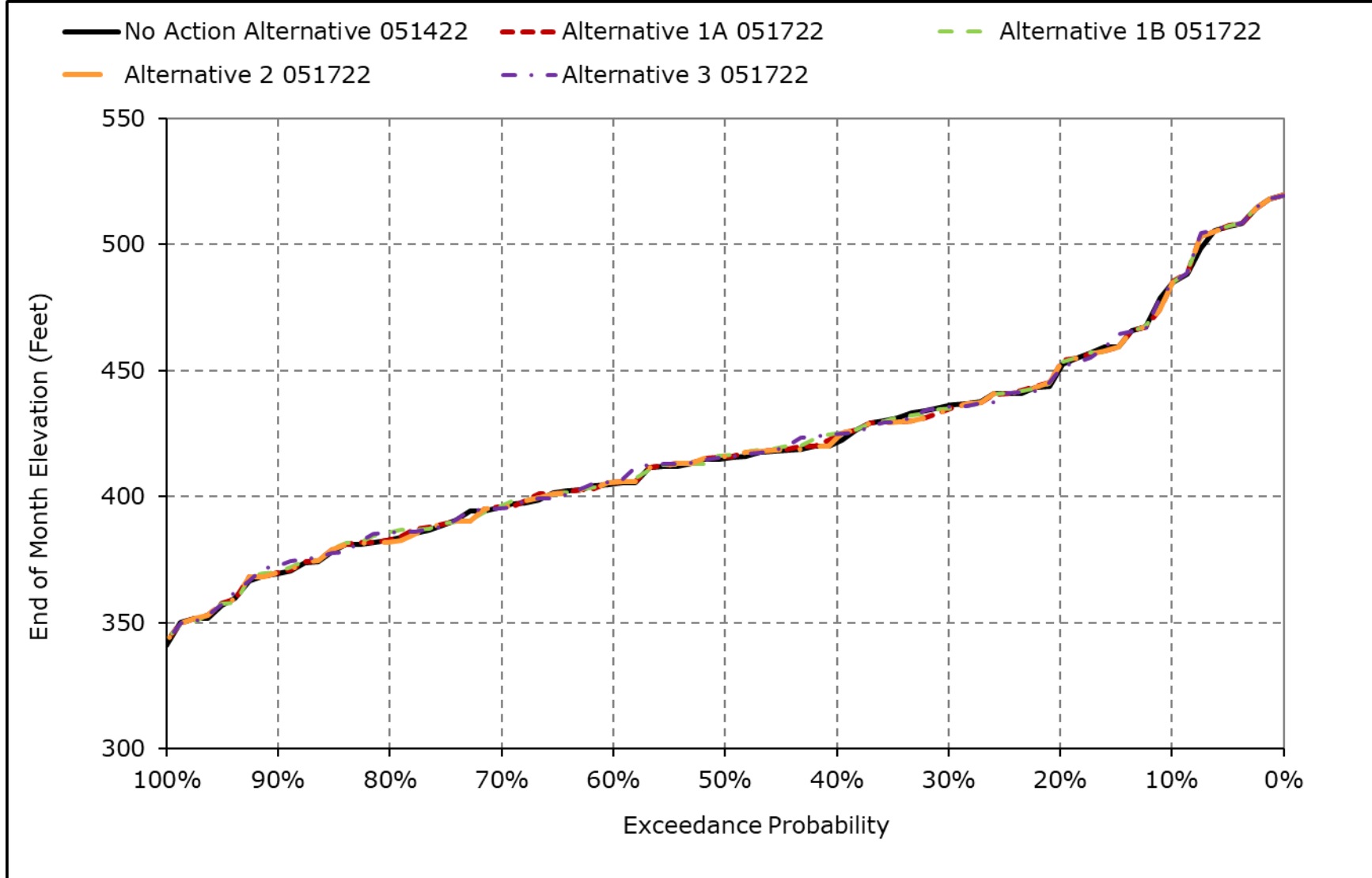
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



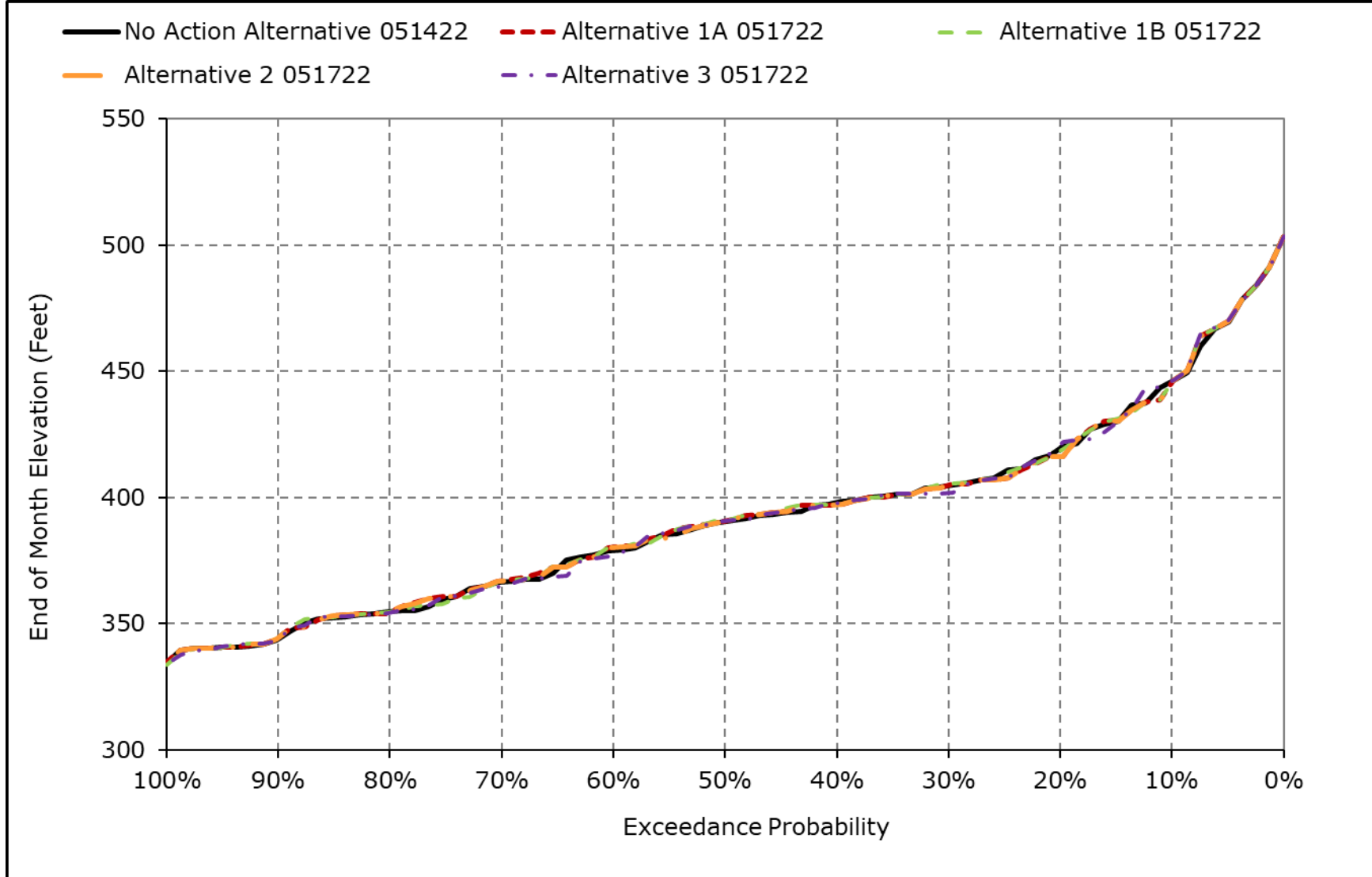
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



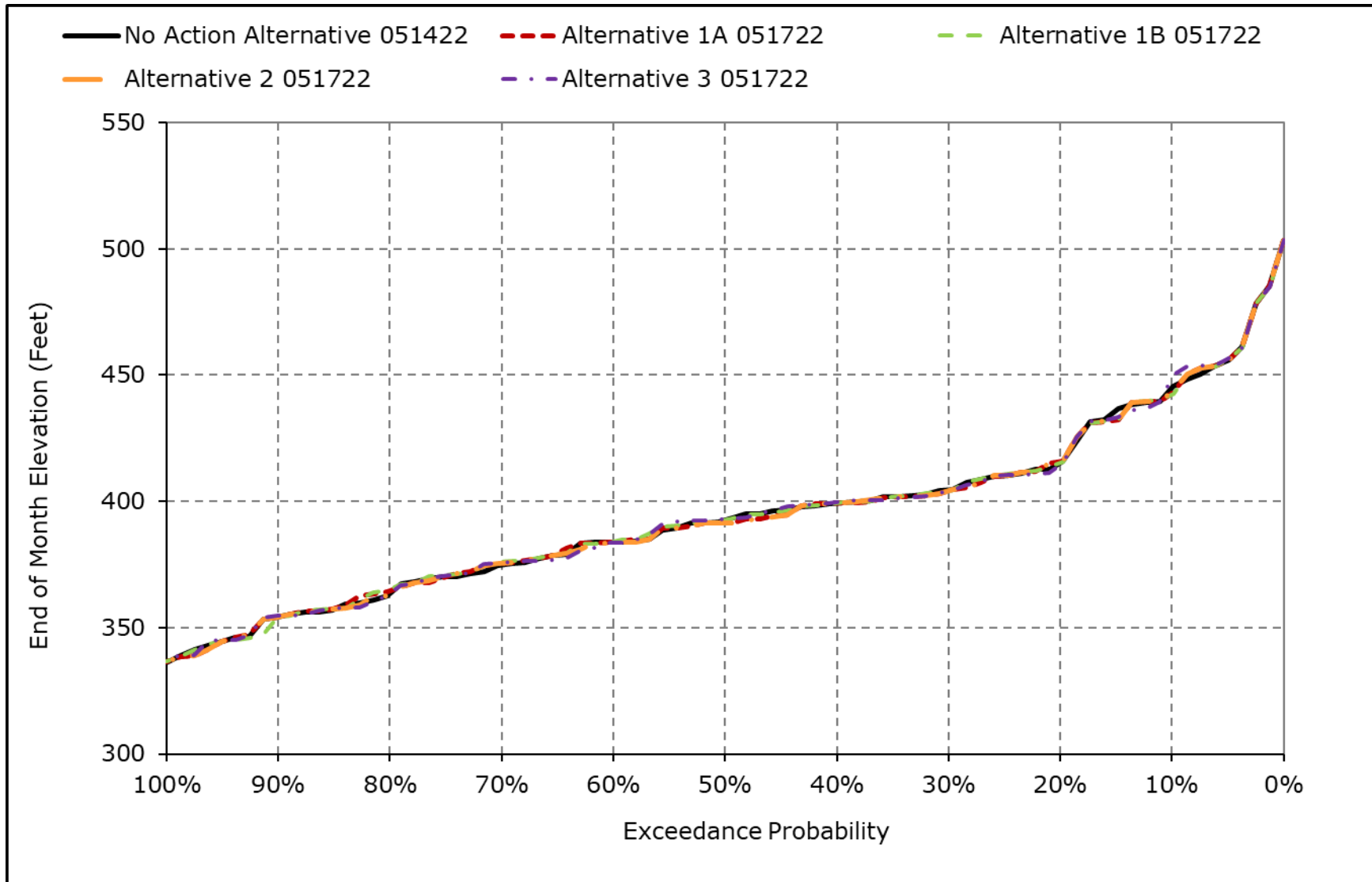
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Table 5B4-9-1a. San Luis Reservoir Surface Area, No Action Alternative 051422, End of Month Surface-Area (Acres)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	4,994	5,378	5,705	5,991	6,273	6,358	6,355	6,358	6,020	5,493	4,873	4,860
<b>20% Exceedance</b>	4,467	5,006	5,541	5,832	6,096	6,304	6,232	6,025	5,487	4,957	4,382	4,291
<b>30% Exceedance</b>	4,103	4,798	5,398	5,724	5,999	6,230	6,117	5,771	5,118	4,703	4,065	4,059
<b>40% Exceedance</b>	3,952	4,650	5,268	5,647	5,899	6,060	5,970	5,622	4,960	4,425	3,914	3,947
<b>50% Exceedance</b>	3,798	4,515	5,200	5,511	5,817	5,940	5,780	5,422	4,864	4,292	3,734	3,785
<b>60% Exceedance</b>	3,589	4,184	4,912	5,309	5,584	5,753	5,655	5,320	4,748	4,070	3,451	3,567
<b>70% Exceedance</b>	3,327	4,028	4,711	5,172	5,459	5,630	5,455	5,149	4,474	3,863	3,126	3,350
<b>80% Exceedance</b>	3,153	3,799	4,386	4,994	5,371	5,509	5,350	5,024	4,134	3,545	2,727	3,021
<b>90% Exceedance</b>	2,687	3,365	3,950	4,699	5,122	5,297	5,150	4,731	3,869	3,217	2,359	2,714
<b>Full Simulation Period Average<sup>a</sup></b>	3,798	4,384	4,970	5,403	5,708	5,854	5,749	5,470	4,860	4,280	3,658	3,749
<b>Wet Water Years (32%)</b>	4,428	5,012	5,546	5,546	5,853	6,052	6,052	5,846	5,325	4,741	4,236	4,384
<b>Above Normal Water Years (15%)</b>	3,582	4,337	5,026	5,355	5,656	5,805	5,669	5,328	4,573	3,795	3,242	3,628
<b>Below Normal Water Years (17%)</b>	3,870	4,280	4,818	5,491	5,809	5,917	5,757	5,381	4,543	4,042	3,677	3,704
<b>Dry Water Years (22%)</b>	3,284	3,906	4,536	5,359	5,644	5,769	5,581	5,252	4,680	4,247	3,240	3,283
<b>Critical Water Years (15%)</b>	3,337	3,912	4,496	5,103	5,422	5,531	5,419	5,226	4,778	4,094	3,424	3,242

**Table 5B4-9-1b. San Luis Reservoir Surface Area, Alternative 1A 051722, End of Month Surface-Area (Acres)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	4,989	5,419	5,723	6,002	6,269	6,358	6,358	6,356	5,991	5,489	4,870	4,821
<b>20% Exceedance</b>	4,449	4,966	5,545	5,833	6,094	6,321	6,234	6,044	5,487	4,984	4,310	4,303
<b>30% Exceedance</b>	4,100	4,815	5,370	5,730	5,985	6,235	6,118	5,778	5,098	4,674	4,068	4,052
<b>40% Exceedance</b>	3,978	4,665	5,285	5,632	5,907	6,070	5,983	5,609	4,993	4,481	3,895	3,948
<b>50% Exceedance</b>	3,780	4,506	5,203	5,451	5,817	5,927	5,775	5,439	4,862	4,303	3,739	3,756
<b>60% Exceedance</b>	3,601	4,226	4,914	5,343	5,612	5,757	5,658	5,309	4,712	4,085	3,484	3,570
<b>70% Exceedance</b>	3,420	4,058	4,748	5,199	5,493	5,630	5,465	5,138	4,518	3,865	3,135	3,363
<b>80% Exceedance</b>	3,167	3,877	4,510	5,033	5,371	5,520	5,334	5,035	4,170	3,545	2,720	3,050
<b>90% Exceedance</b>	2,696	3,337	3,921	4,705	5,128	5,300	5,147	4,728	3,869	3,231	2,375	2,708
<b>Full Simulation Period Average<sup>a</sup></b>	3,808	4,406	4,982	5,412	5,714	5,859	5,752	5,472	4,862	4,285	3,664	3,747
<b>Wet Water Years (32%)</b>	4,447	5,027	5,557	5,567	5,869	6,059	6,055	5,851	5,330	4,746	4,244	4,389
<b>Above Normal Water Years (15%)</b>	3,602	4,347	5,032	5,404	5,689	5,828	5,691	5,343	4,590	3,817	3,267	3,639
<b>Below Normal Water Years (17%)</b>	3,850	4,347	4,868	5,465	5,788	5,904	5,743	5,366	4,534	4,027	3,652	3,684
<b>Dry Water Years (22%)</b>	3,277	3,901	4,513	5,362	5,647	5,771	5,583	5,254	4,679	4,257	3,254	3,279
<b>Critical Water Years (15%)</b>	3,378	3,945	4,522	5,098	5,416	5,537	5,423	5,230	4,778	4,097	3,432	3,241

**Table 5B4-9-1c. San Luis Reservoir Surface Area, Alternative 1A 051722 minus No Action Alternative 051422, End of Month Surface-Area (Acres)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	-6	41	19	11	-4	0	3	-2	-30	-4	-2	-39
<b>20% Exceedance</b>	-18	-40	3	0	-2	17	2	19	0	27	-72	12
<b>30% Exceedance</b>	-3	18	-27	6	-14	5	1	7	-19	-29	3	-7
<b>40% Exceedance</b>	26	15	17	-14	9	10	12	-13	34	56	-18	1
<b>50% Exceedance</b>	-18	-9	3	-60	0	-13	-5	17	-2	12	5	-29
<b>60% Exceedance</b>	11	42	1	34	28	4	3	-11	-36	15	33	2
<b>70% Exceedance</b>	93	30	36	27	33	1	11	-11	44	1	9	14
<b>80% Exceedance</b>	15	79	123	39	-1	10	-16	11	36	-1	-8	29
<b>90% Exceedance</b>	9	-28	-30	6	6	3	-3	-3	0	14	16	-6
<b>Full Simulation Period Average<sup>a</sup></b>	10	21	12	9	6	5	3	2	2	5	6	-1
<b>Wet Water Years (32%)</b>	20	15	12	21	15	7	3	4	5	6	7	5
<b>Above Normal Water Years (15%)</b>	21	10	7	50	33	23	22	15	17	21	26	11
<b>Below Normal Water Years (17%)</b>	-19	68	50	-26	-21	-13	-14	-15	-10	-15	-25	-20
<b>Dry Water Years (22%)</b>	-7	-5	-24	3	4	2	2	2	-1	10	14	-4
<b>Critical Water Years (15%)</b>	41	33	26	-5	-5	6	4	3	0	4	8	-1

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-9-2a. San Luis Reservoir Surface Area, No Action Alternative 051422, End of Month Surface-Area (Acres)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	4,994	5,378	5,705	5,991	6,273	6,358	6,355	6,358	6,020	5,493	4,873	4,860
<b>20% Exceedance</b>	4,467	5,006	5,541	5,832	6,096	6,304	6,232	6,025	5,487	4,957	4,382	4,291
<b>30% Exceedance</b>	4,103	4,798	5,398	5,724	5,999	6,230	6,117	5,771	5,118	4,703	4,065	4,059
<b>40% Exceedance</b>	3,952	4,650	5,268	5,647	5,899	6,060	5,970	5,622	4,960	4,425	3,914	3,947
<b>50% Exceedance</b>	3,798	4,515	5,200	5,511	5,817	5,940	5,780	5,422	4,864	4,292	3,734	3,785
<b>60% Exceedance</b>	3,589	4,184	4,912	5,309	5,584	5,753	5,655	5,320	4,748	4,070	3,451	3,567
<b>70% Exceedance</b>	3,327	4,028	4,711	5,172	5,459	5,630	5,455	5,149	4,474	3,863	3,126	3,350
<b>80% Exceedance</b>	3,153	3,799	4,386	4,994	5,371	5,509	5,350	5,024	4,134	3,545	2,727	3,021
<b>90% Exceedance</b>	2,687	3,365	3,950	4,699	5,122	5,297	5,150	4,731	3,869	3,217	2,359	2,714
<b>Full Simulation Period Average<sup>a</sup></b>	3,798	4,384	4,970	5,403	5,708	5,854	5,749	5,470	4,860	4,280	3,658	3,749
<b>Wet Water Years (32%)</b>	4,428	5,012	5,546	5,546	5,853	6,052	6,052	5,846	5,325	4,741	4,236	4,384
<b>Above Normal Water Years (15%)</b>	3,582	4,337	5,026	5,355	5,656	5,805	5,669	5,328	4,573	3,795	3,242	3,628
<b>Below Normal Water Years (17%)</b>	3,870	4,280	4,818	5,491	5,809	5,917	5,757	5,381	4,543	4,042	3,677	3,704
<b>Dry Water Years (22%)</b>	3,284	3,906	4,536	5,359	5,644	5,769	5,581	5,252	4,680	4,247	3,240	3,283
<b>Critical Water Years (15%)</b>	3,337	3,912	4,496	5,103	5,422	5,531	5,419	5,226	4,778	4,094	3,424	3,242

**Table 5B4-9-2b. San Luis Reservoir Surface Area, Alternative 1B 051722, End of Month Surface-Area (Acres)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	4,996	5,419	5,725	5,993	6,270	6,358	6,358	6,356	5,991	5,489	4,870	4,810
<b>20% Exceedance</b>	4,451	4,977	5,538	5,819	6,098	6,328	6,222	6,044	5,487	4,977	4,364	4,295
<b>30% Exceedance</b>	4,140	4,842	5,372	5,727	5,984	6,250	6,137	5,778	5,110	4,680	4,078	4,056
<b>40% Exceedance</b>	3,973	4,675	5,272	5,681	5,907	6,043	5,973	5,620	4,975	4,502	3,899	3,950
<b>50% Exceedance</b>	3,799	4,517	5,206	5,520	5,817	5,929	5,769	5,439	4,857	4,314	3,752	3,787
<b>60% Exceedance</b>	3,598	4,246	4,891	5,322	5,602	5,753	5,669	5,309	4,739	4,085	3,480	3,577
<b>70% Exceedance</b>	3,424	4,047	4,701	5,227	5,498	5,632	5,453	5,144	4,477	3,880	3,129	3,377
<b>80% Exceedance</b>	3,166	3,856	4,507	5,033	5,370	5,536	5,335	5,036	4,160	3,619	2,729	3,077
<b>90% Exceedance</b>	2,710	3,382	3,943	4,709	5,129	5,270	5,164	4,747	3,954	3,232	2,382	2,706
<b>Full Simulation Period Average<sup>a</sup></b>	3,815	4,424	4,984	5,418	5,718	5,865	5,758	5,479	4,871	4,291	3,663	3,752
<b>Wet Water Years (32%)</b>	4,449	5,029	5,558	5,562	5,866	6,058	6,053	5,848	5,328	4,744	4,247	4,391
<b>Above Normal Water Years (15%)</b>	3,604	4,349	5,034	5,403	5,684	5,824	5,687	5,340	4,586	3,805	3,253	3,628
<b>Below Normal Water Years (17%)</b>	3,875	4,424	4,937	5,491	5,803	5,911	5,752	5,375	4,550	4,045	3,667	3,712
<b>Dry Water Years (22%)</b>	3,277	3,913	4,464	5,366	5,652	5,776	5,585	5,263	4,693	4,265	3,232	3,271
<b>Critical Water Years (15%)</b>	3,387	3,952	4,524	5,111	5,429	5,571	5,457	5,263	4,811	4,121	3,449	3,259

**Table 5B4-9-2c. San Luis Reservoir Surface Area, Alternative 1B 051722 minus No Action Alternative 051422, End of Month Surface-Area (Acres)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	2	41	20	2	-3	0	3	-2	-30	-4	-2	-50
<b>20% Exceedance</b>	-16	-29	-4	-14	2	24	-10	19	0	19	-18	4
<b>30% Exceedance</b>	37	45	-25	3	-15	19	20	7	-7	-23	13	-3
<b>40% Exceedance</b>	22	25	4	35	9	-17	3	-2	16	77	-15	3
<b>50% Exceedance</b>	1	3	6	9	0	-11	-11	17	-7	22	18	2
<b>60% Exceedance</b>	9	62	-21	13	18	0	14	-11	-10	14	30	9
<b>70% Exceedance</b>	98	19	-10	55	39	2	-2	-5	3	16	3	28
<b>80% Exceedance</b>	13	57	120	39	-2	26	-16	12	27	74	2	56
<b>90% Exceedance</b>	23	17	-7	10	7	-27	14	16	86	15	22	-8
<b>Full Simulation Period Average<sup>a</sup></b>	17	39	13	15	10	11	9	9	11	11	5	3
<b>Wet Water Years (32%)</b>	21	17	12	16	13	6	1	2	3	3	10	7
<b>Above Normal Water Years (15%)</b>	23	12	9	48	28	18	18	12	12	10	11	1
<b>Below Normal Water Years (17%)</b>	5	144	119	0	-5	-6	-5	-5	6	2	-9	8
<b>Dry Water Years (22%)</b>	-7	7	-73	7	8	7	5	11	12	18	-8	-13
<b>Critical Water Years (15%)</b>	50	40	28	8	7	40	39	36	33	27	25	17

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.



**Table 5B4-9-3a. San Luis Reservoir Surface Area, No Action Alternative 051422, End of Month Surface-Area (Acres)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	4,994	5,378	5,705	5,991	6,273	6,358	6,355	6,358	6,020	5,493	4,873	4,860
<b>20% Exceedance</b>	4,467	5,006	5,541	5,832	6,096	6,304	6,232	6,025	5,487	4,957	4,382	4,291
<b>30% Exceedance</b>	4,103	4,798	5,398	5,724	5,999	6,230	6,117	5,771	5,118	4,703	4,065	4,059
<b>40% Exceedance</b>	3,952	4,650	5,268	5,647	5,899	6,060	5,970	5,622	4,960	4,425	3,914	3,947
<b>50% Exceedance</b>	3,798	4,515	5,200	5,511	5,817	5,940	5,780	5,422	4,864	4,292	3,734	3,785
<b>60% Exceedance</b>	3,589	4,184	4,912	5,309	5,584	5,753	5,655	5,320	4,748	4,070	3,451	3,567
<b>70% Exceedance</b>	3,327	4,028	4,711	5,172	5,459	5,630	5,455	5,149	4,474	3,863	3,126	3,350
<b>80% Exceedance</b>	3,153	3,799	4,386	4,994	5,371	5,509	5,350	5,024	4,134	3,545	2,727	3,021
<b>90% Exceedance</b>	2,687	3,365	3,950	4,699	5,122	5,297	5,150	4,731	3,869	3,217	2,359	2,714
<b>Full Simulation Period Average<sup>a</sup></b>	3,798	4,384	4,970	5,403	5,708	5,854	5,749	5,470	4,860	4,280	3,658	3,749
<b>Wet Water Years (32%)</b>	4,428	5,012	5,546	5,546	5,853	6,052	6,052	5,846	5,325	4,741	4,236	4,384
<b>Above Normal Water Years (15%)</b>	3,582	4,337	5,026	5,355	5,656	5,805	5,669	5,328	4,573	3,795	3,242	3,628
<b>Below Normal Water Years (17%)</b>	3,870	4,280	4,818	5,491	5,809	5,917	5,757	5,381	4,543	4,042	3,677	3,704
<b>Dry Water Years (22%)</b>	3,284	3,906	4,536	5,359	5,644	5,769	5,581	5,252	4,680	4,247	3,240	3,283
<b>Critical Water Years (15%)</b>	3,337	3,912	4,496	5,103	5,422	5,531	5,419	5,226	4,778	4,094	3,424	3,242

**Table 5B4-9-3b. San Luis Reservoir Surface Area, Alternative 2 051722, End of Month Surface-Area (Acres)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	4,989	5,419	5,723	6,002	6,269	6,358	6,358	6,356	5,991	5,489	4,870	4,831
<b>20% Exceedance</b>	4,449	5,003	5,547	5,833	6,078	6,321	6,234	6,031	5,487	4,984	4,313	4,304
<b>30% Exceedance</b>	4,100	4,815	5,399	5,730	5,991	6,234	6,117	5,778	5,098	4,669	4,067	4,053
<b>40% Exceedance</b>	3,984	4,665	5,290	5,632	5,907	6,069	5,985	5,609	4,982	4,460	3,895	3,949
<b>50% Exceedance</b>	3,784	4,506	5,200	5,451	5,809	5,927	5,772	5,437	4,862	4,308	3,739	3,756
<b>60% Exceedance</b>	3,589	4,226	4,903	5,310	5,597	5,736	5,655	5,309	4,716	4,084	3,483	3,561
<b>70% Exceedance</b>	3,353	4,058	4,714	5,199	5,494	5,636	5,457	5,138	4,477	3,866	3,132	3,366
<b>80% Exceedance</b>	3,129	3,848	4,513	5,034	5,352	5,513	5,334	5,028	4,145	3,522	2,733	3,015
<b>90% Exceedance</b>	2,695	3,336	3,900	4,705	5,128	5,300	5,147	4,728	3,869	3,231	2,375	2,708
<b>Full Simulation Period Average<sup>a</sup></b>	3,800	4,400	4,978	5,409	5,711	5,856	5,749	5,469	4,858	4,282	3,661	3,743
<b>Wet Water Years (32%)</b>	4,444	5,024	5,556	5,568	5,869	6,059	6,055	5,851	5,330	4,746	4,244	4,389
<b>Above Normal Water Years (15%)</b>	3,598	4,345	5,030	5,398	5,684	5,824	5,687	5,339	4,585	3,811	3,260	3,635
<b>Below Normal Water Years (17%)</b>	3,834	4,325	4,856	5,454	5,781	5,898	5,738	5,361	4,526	4,022	3,654	3,679
<b>Dry Water Years (22%)</b>	3,280	3,903	4,515	5,356	5,642	5,767	5,578	5,249	4,675	4,254	3,253	3,280
<b>Critical Water Years (15%)</b>	3,351	3,932	4,508	5,101	5,419	5,534	5,419	5,225	4,772	4,090	3,420	3,221

**Table 5B4-9-3c. San Luis Reservoir Surface Area, Alternative 2 051722 minus No Action Alternative 051422, End of Month Surface-Area (Acres)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	-5	41	19	11	-4	0	3	-2	-30	-4	-3	-29
<b>20% Exceedance</b>	-18	-3	6	1	-18	17	2	6	0	27	-69	12
<b>30% Exceedance</b>	-3	17	2	6	-9	3	0	7	-20	-34	2	-6
<b>40% Exceedance</b>	32	15	23	-15	9	9	15	-13	22	35	-18	2
<b>50% Exceedance</b>	-14	-9	0	-60	-8	-13	-8	14	-2	16	5	-29
<b>60% Exceedance</b>	0	42	-9	2	13	-17	0	-11	-32	14	32	-7
<b>70% Exceedance</b>	26	30	3	27	35	6	3	-11	3	2	6	17
<b>80% Exceedance</b>	-24	50	126	39	-19	3	-17	4	12	-24	6	-6
<b>90% Exceedance</b>	8	-29	-50	6	6	3	-3	-3	0	14	16	-5
<b>Full Simulation Period Average<sup>a</sup></b>	2	15	7	6	3	2	0	-1	-2	2	3	-6
<b>Wet Water Years (32%)</b>	16	13	10	22	16	7	3	5	5	6	7	5
<b>Above Normal Water Years (15%)</b>	16	8	5	44	28	18	18	11	11	15	18	7
<b>Below Normal Water Years (17%)</b>	-36	46	38	-37	-28	-19	-18	-19	-18	-20	-23	-26
<b>Dry Water Years (22%)</b>	-4	-3	-22	-3	-2	-2	-3	-3	-6	7	13	-3
<b>Critical Water Years (15%)</b>	14	20	12	-2	-3	3	0	-2	-7	-3	-4	-21

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-9-4a. San Luis Reservoir Surface Area, No Action Alternative 051422, End of Month Surface-Area (Acres)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,994	5,378	5,705	5,991	6,273	6,358	6,355	6,358	6,020	5,493	4,873	4,860
20% Exceedance	4,467	5,006	5,541	5,832	6,096	6,304	6,232	6,025	5,487	4,957	4,382	4,291
30% Exceedance	4,103	4,798	5,398	5,724	5,999	6,230	6,117	5,771	5,118	4,703	4,065	4,059
40% Exceedance	3,952	4,650	5,268	5,647	5,899	6,060	5,970	5,622	4,960	4,425	3,914	3,947
50% Exceedance	3,798	4,515	5,200	5,511	5,817	5,940	5,780	5,422	4,864	4,292	3,734	3,785
60% Exceedance	3,589	4,184	4,912	5,309	5,584	5,753	5,655	5,320	4,748	4,070	3,451	3,567
70% Exceedance	3,327	4,028	4,711	5,172	5,459	5,630	5,455	5,149	4,474	3,863	3,126	3,350
80% Exceedance	3,153	3,799	4,386	4,994	5,371	5,509	5,350	5,024	4,134	3,545	2,727	3,021
90% Exceedance	2,687	3,365	3,950	4,699	5,122	5,297	5,150	4,731	3,869	3,217	2,359	2,714
<b>Full Simulation Period Average<sup>a</sup></b>	<b>3,798</b>	<b>4,384</b>	<b>4,970</b>	<b>5,403</b>	<b>5,708</b>	<b>5,854</b>	<b>5,749</b>	<b>5,470</b>	<b>4,860</b>	<b>4,280</b>	<b>3,658</b>	<b>3,749</b>
<b>Wet Water Years (32%)</b>	<b>4,428</b>	<b>5,012</b>	<b>5,546</b>	<b>5,546</b>	<b>5,853</b>	<b>6,052</b>	<b>6,052</b>	<b>5,846</b>	<b>5,325</b>	<b>4,741</b>	<b>4,236</b>	<b>4,384</b>
<b>Above Normal Water Years (15%)</b>	<b>3,582</b>	<b>4,337</b>	<b>5,026</b>	<b>5,355</b>	<b>5,656</b>	<b>5,805</b>	<b>5,669</b>	<b>5,328</b>	<b>4,573</b>	<b>3,795</b>	<b>3,242</b>	<b>3,628</b>
<b>Below Normal Water Years (17%)</b>	<b>3,870</b>	<b>4,280</b>	<b>4,818</b>	<b>5,491</b>	<b>5,809</b>	<b>5,917</b>	<b>5,757</b>	<b>5,381</b>	<b>4,543</b>	<b>4,042</b>	<b>3,677</b>	<b>3,704</b>
<b>Dry Water Years (22%)</b>	<b>3,284</b>	<b>3,906</b>	<b>4,536</b>	<b>5,359</b>	<b>5,644</b>	<b>5,769</b>	<b>5,581</b>	<b>5,252</b>	<b>4,680</b>	<b>4,247</b>	<b>3,240</b>	<b>3,283</b>
<b>Critical Water Years (15%)</b>	<b>3,337</b>	<b>3,912</b>	<b>4,496</b>	<b>5,103</b>	<b>5,422</b>	<b>5,531</b>	<b>5,419</b>	<b>5,226</b>	<b>4,778</b>	<b>4,094</b>	<b>3,424</b>	<b>3,242</b>

**Table 5B4-9-4b. San Luis Reservoir Surface Area, Alternative 3 051722, End of Month Surface-Area (Acres)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	5,022	5,310	5,706	5,983	6,330	6,358	6,357	6,358	6,025	5,495	4,879	4,932
20% Exceedance	4,416	5,083	5,579	5,870	6,108	6,331	6,225	6,025	5,487	4,954	4,417	4,278
30% Exceedance	4,189	4,804	5,451	5,762	6,027	6,218	6,112	5,775	5,138	4,692	4,002	4,053
40% Exceedance	4,053	4,655	5,260	5,624	5,896	6,073	5,944	5,651	5,020	4,496	3,909	3,958
50% Exceedance	3,880	4,559	5,128	5,504	5,780	5,949	5,784	5,457	4,871	4,295	3,739	3,791
60% Exceedance	3,656	4,237	4,910	5,333	5,601	5,766	5,662	5,323	4,775	4,096	3,406	3,562
70% Exceedance	3,319	4,068	4,672	5,174	5,519	5,662	5,486	5,148	4,503	3,851	3,064	3,368
80% Exceedance	3,083	3,775	4,549	4,996	5,360	5,521	5,326	4,960	4,097	3,619	2,721	3,027
90% Exceedance	2,782	3,404	4,025	4,753	5,200	5,278	5,181	4,737	3,966	3,296	2,360	2,732
<b>Full Simulation Period Average<sup>a</sup></b>	<b>3,828</b>	<b>4,435</b>	<b>5,005</b>	<b>5,433</b>	<b>5,733</b>	<b>5,877</b>	<b>5,767</b>	<b>5,486</b>	<b>4,876</b>	<b>4,294</b>	<b>3,653</b>	<b>3,750</b>
<b>Wet Water Years (32%)</b>	<b>4,451</b>	<b>5,029</b>	<b>5,558</b>	<b>5,590</b>	<b>5,893</b>	<b>6,078</b>	<b>6,064</b>	<b>5,857</b>	<b>5,337</b>	<b>4,748</b>	<b>4,244</b>	<b>4,387</b>
<b>Above Normal Water Years (15%)</b>	<b>3,586</b>	<b>4,355</b>	<b>5,049</b>	<b>5,394</b>	<b>5,681</b>	<b>5,825</b>	<b>5,687</b>	<b>5,347</b>	<b>4,588</b>	<b>3,821</b>	<b>3,171</b>	<b>3,579</b>
<b>Below Normal Water Years (17%)</b>	<b>3,882</b>	<b>4,367</b>	<b>4,943</b>	<b>5,422</b>	<b>5,744</b>	<b>5,856</b>	<b>5,699</b>	<b>5,323</b>	<b>4,508</b>	<b>4,013</b>	<b>3,668</b>	<b>3,743</b>
<b>Dry Water Years (22%)</b>	<b>3,349</b>	<b>4,013</b>	<b>4,532</b>	<b>5,420</b>	<b>5,698</b>	<b>5,818</b>	<b>5,629</b>	<b>5,300</b>	<b>4,718</b>	<b>4,286</b>	<b>3,248</b>	<b>3,279</b>
<b>Critical Water Years (15%)</b>	<b>3,380</b>	<b>3,941</b>	<b>4,544</b>	<b>5,167</b>	<b>5,476</b>	<b>5,603</b>	<b>5,485</b>	<b>5,291</b>	<b>4,832</b>	<b>4,127</b>	<b>3,443</b>	<b>3,254</b>

**Table 5B4-9-4c. San Luis Reservoir Surface Area, Alternative 3 051722 minus No Action Alternative 051422, End of Month Surface-Area (Acres)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	28	-68	2	-8	57	0	2	0	5	3	6	72
20% Exceedance	-52	76	38	37	12	27	-7	-1	0	-3	35	-13
30% Exceedance	86	7	53	38	28	-12	-5	4	20	-11	-63	-6
40% Exceedance	101	5	-8	-22	-3	12	-26	29	60	71	-5	11
50% Exceedance	82	45	-72	-7	-38	9	4	35	7	4	5	7
60% Exceedance	66	53	-3	24	17	14	7	3	27	26	-44	-5
70% Exceedance	-8	40	-39	2	60	32	32	-1	29	-12	-62	18
80% Exceedance	-70	-24	163	2	-11	12	-24	-64	-37	74	-6	6
90% Exceedance	95	38	75	54	78	-19	31	6	97	79	1	19
<b>Full Simulation Period Average<sup>a</sup></b>	<b>30</b>	<b>51</b>	<b>35</b>	<b>31</b>	<b>25</b>	<b>22</b>	<b>17</b>	<b>16</b>	<b>16</b>	<b>14</b>	<b>-5</b>	<b>1</b>
<b>Wet Water Years (32%)</b>	<b>23</b>	<b>17</b>	<b>12</b>	<b>44</b>	<b>40</b>	<b>27</b>	<b>13</b>	<b>11</b>	<b>12</b>	<b>7</b>	<b>8</b>	<b>3</b>
<b>Above Normal Water Years (15%)</b>	<b>4</b>	<b>18</b>	<b>24</b>	<b>40</b>	<b>25</b>	<b>19</b>	<b>18</b>	<b>19</b>	<b>15</b>	<b>26</b>	<b>-71</b>	<b>-49</b>
<b>Below Normal Water Years (17%)</b>	<b>12</b>	<b>87</b>	<b>125</b>	<b>-70</b>	<b>-65</b>	<b>-60</b>	<b>-58</b>	<b>-58</b>	<b>-35</b>	<b>-29</b>	<b>-9</b>	<b>39</b>
<b>Dry Water Years (22%)</b>	<b>65</b>	<b>108</b>	<b>-5</b>	<b>61</b>	<b>54</b>	<b>49</b>	<b>48</b>	<b>48</b>	<b>38</b>	<b>39</b>	<b>8</b>	<b>-5</b>
<b>Critical Water Years (15%)</b>	<b>42</b>	<b>28</b>	<b>49</b>	<b>64</b>	<b>54</b>	<b>72</b>	<b>67</b>	<b>65</b>	<b>54</b>	<b>33</b>	<b>19</b>	<b>12</b>

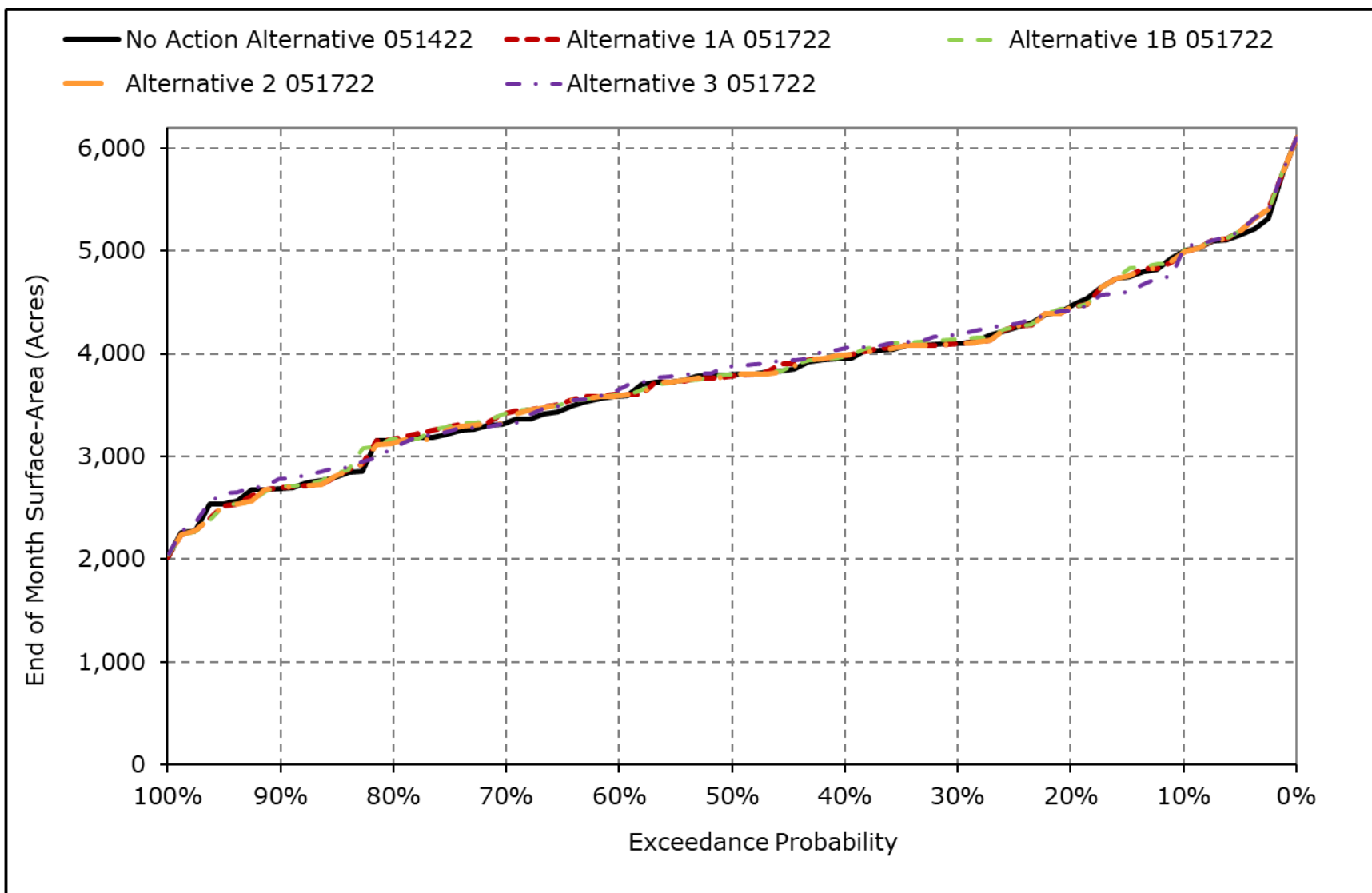
<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

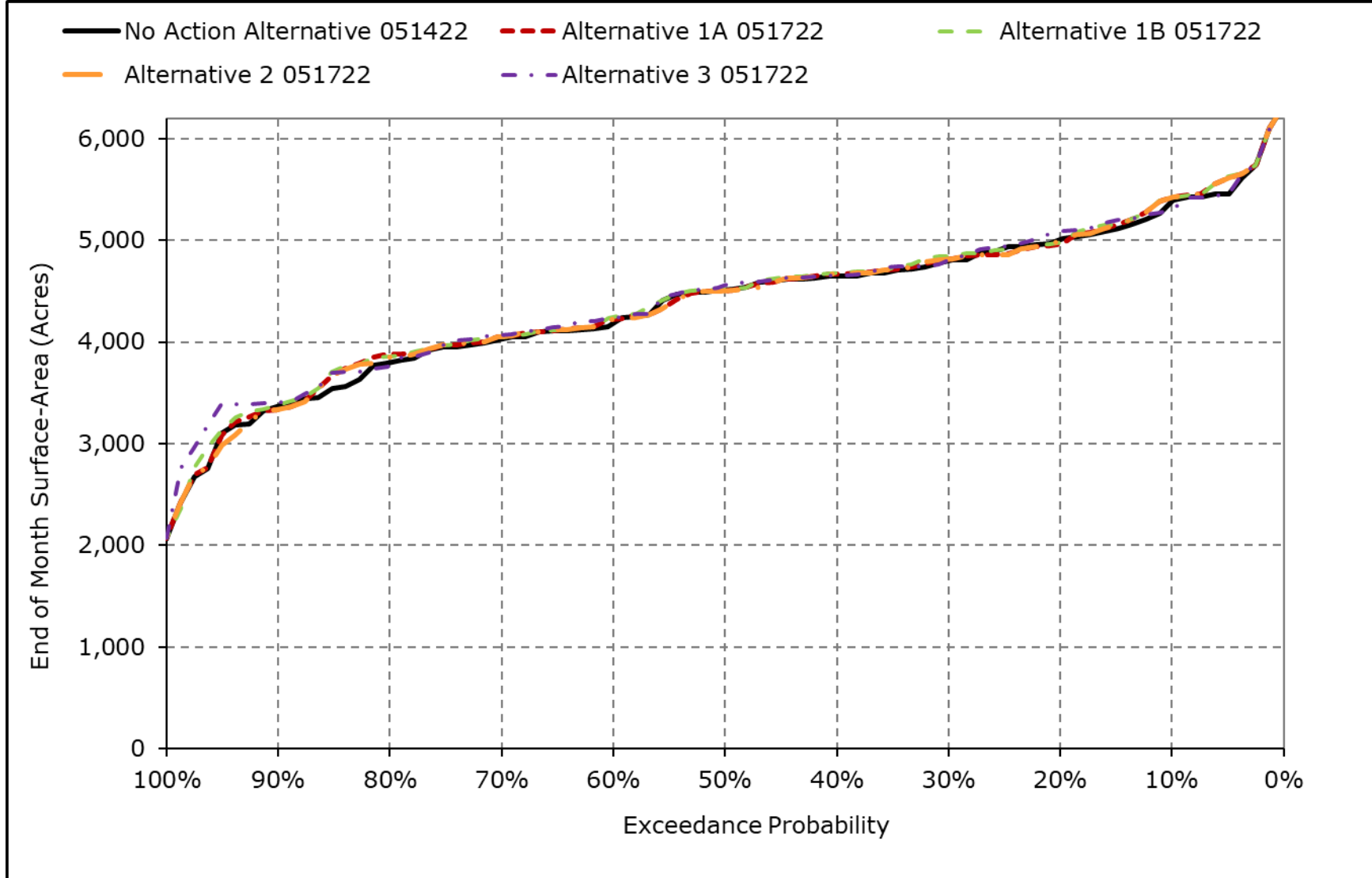
\* Water Year Types results are displayed with calendar year - year type sorting.

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



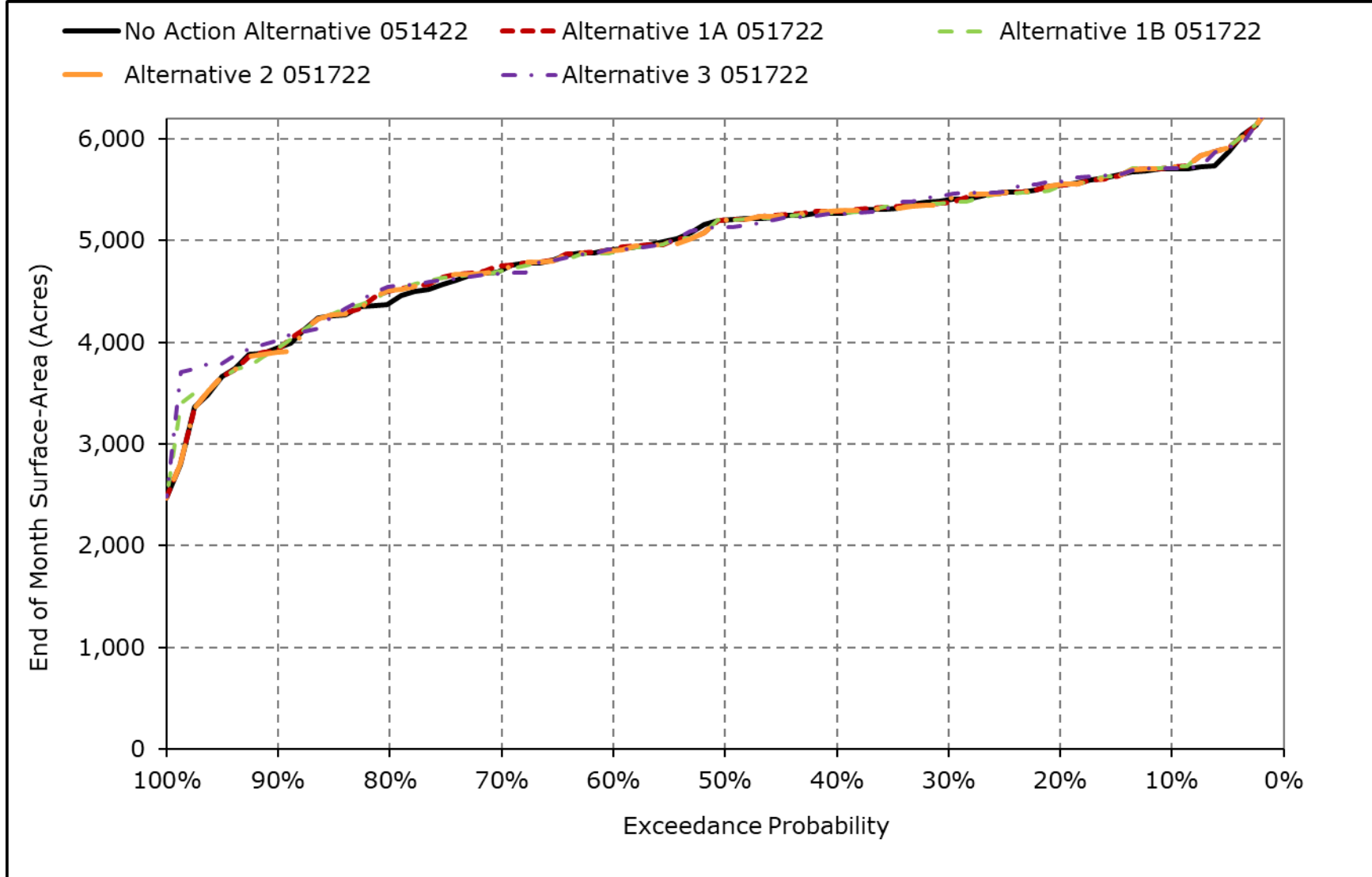
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



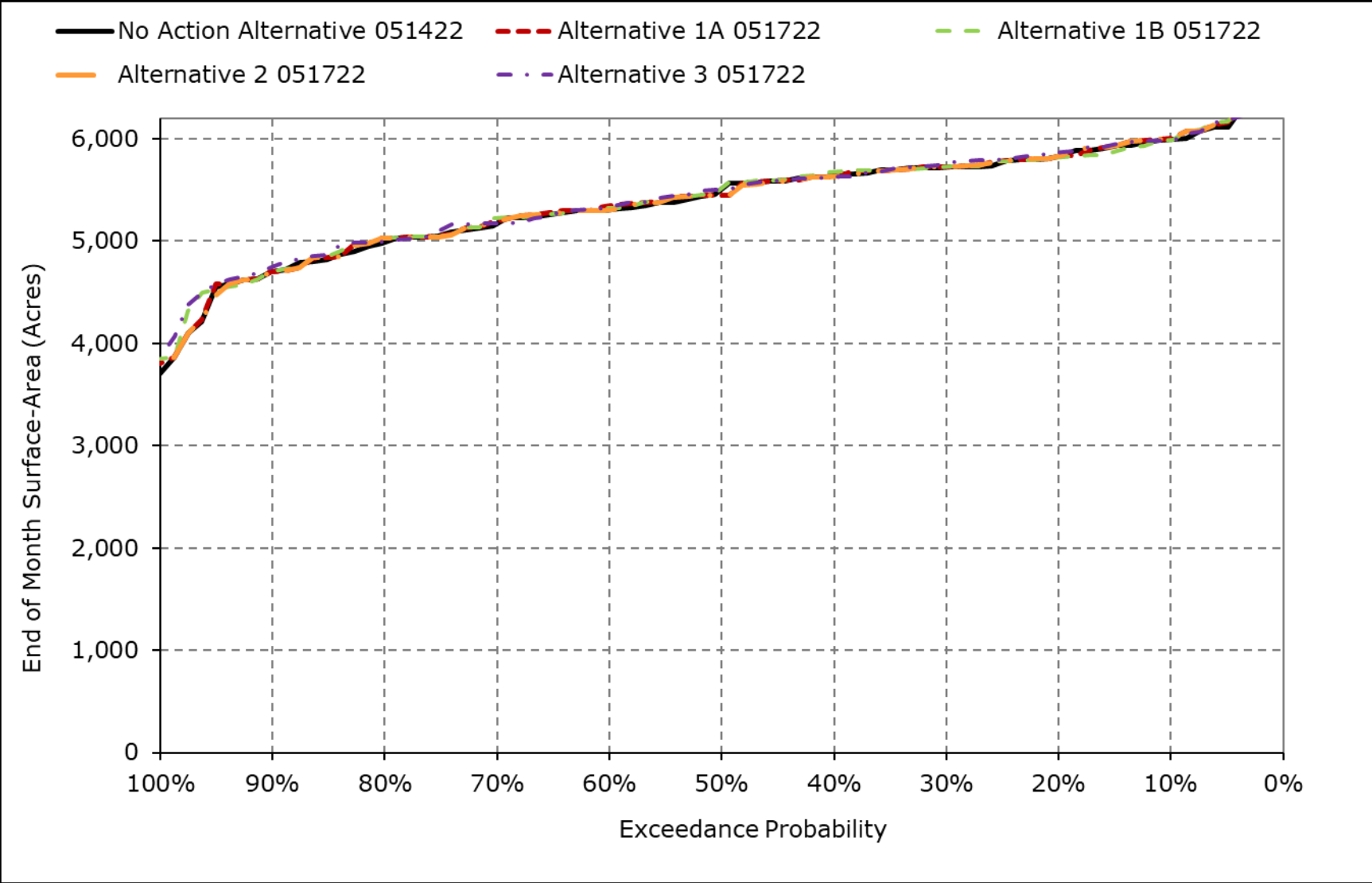
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



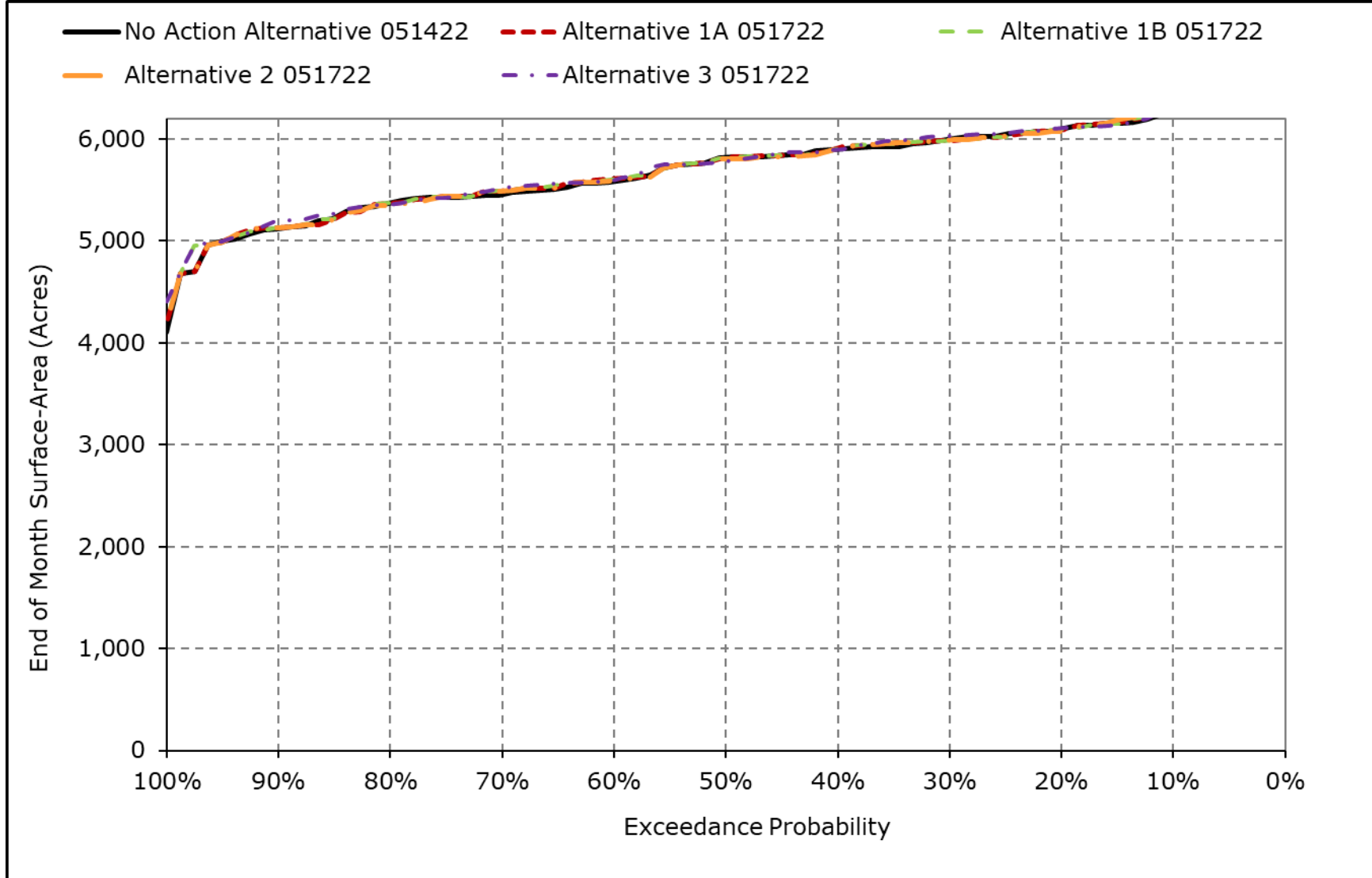
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



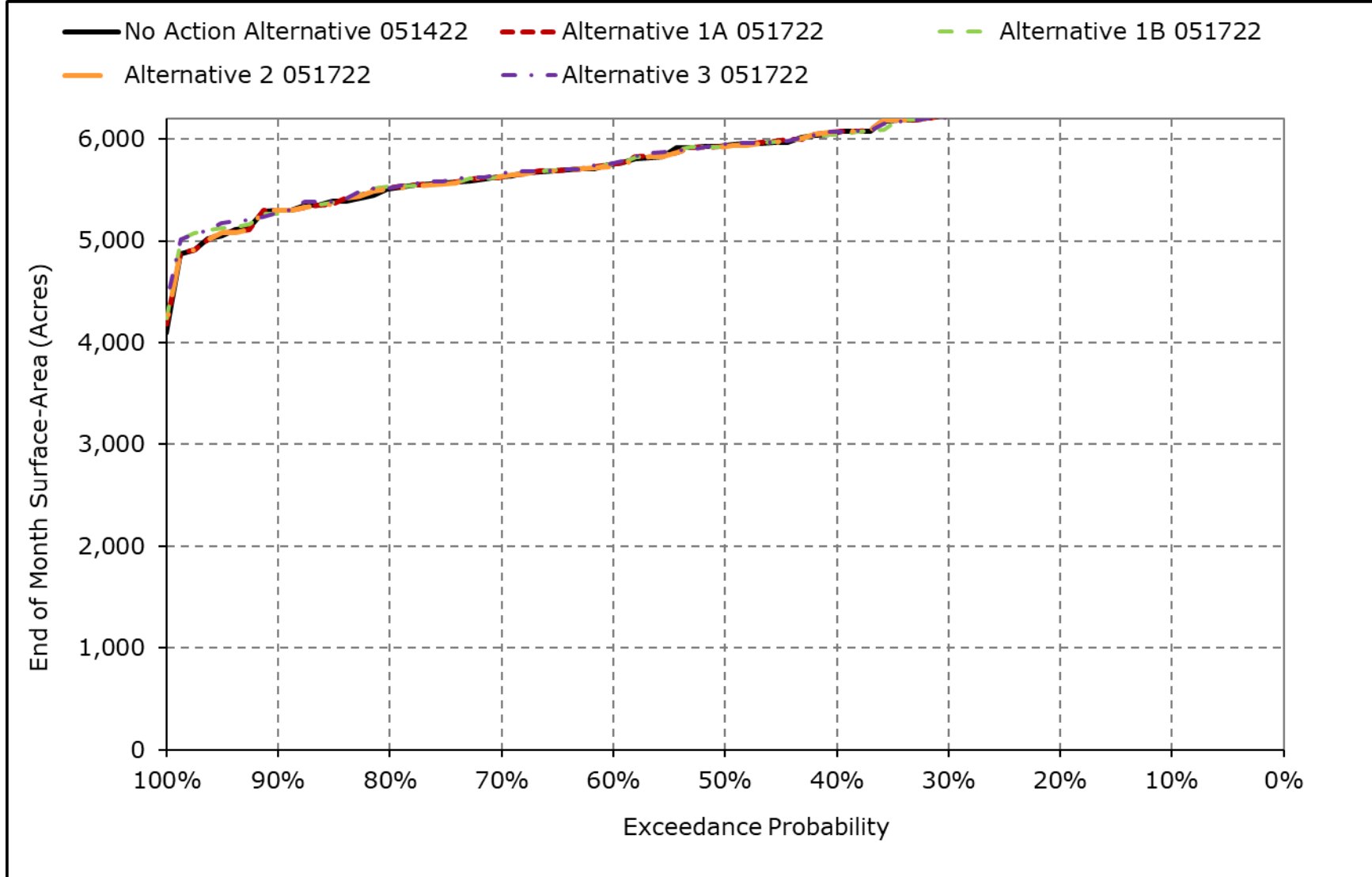
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

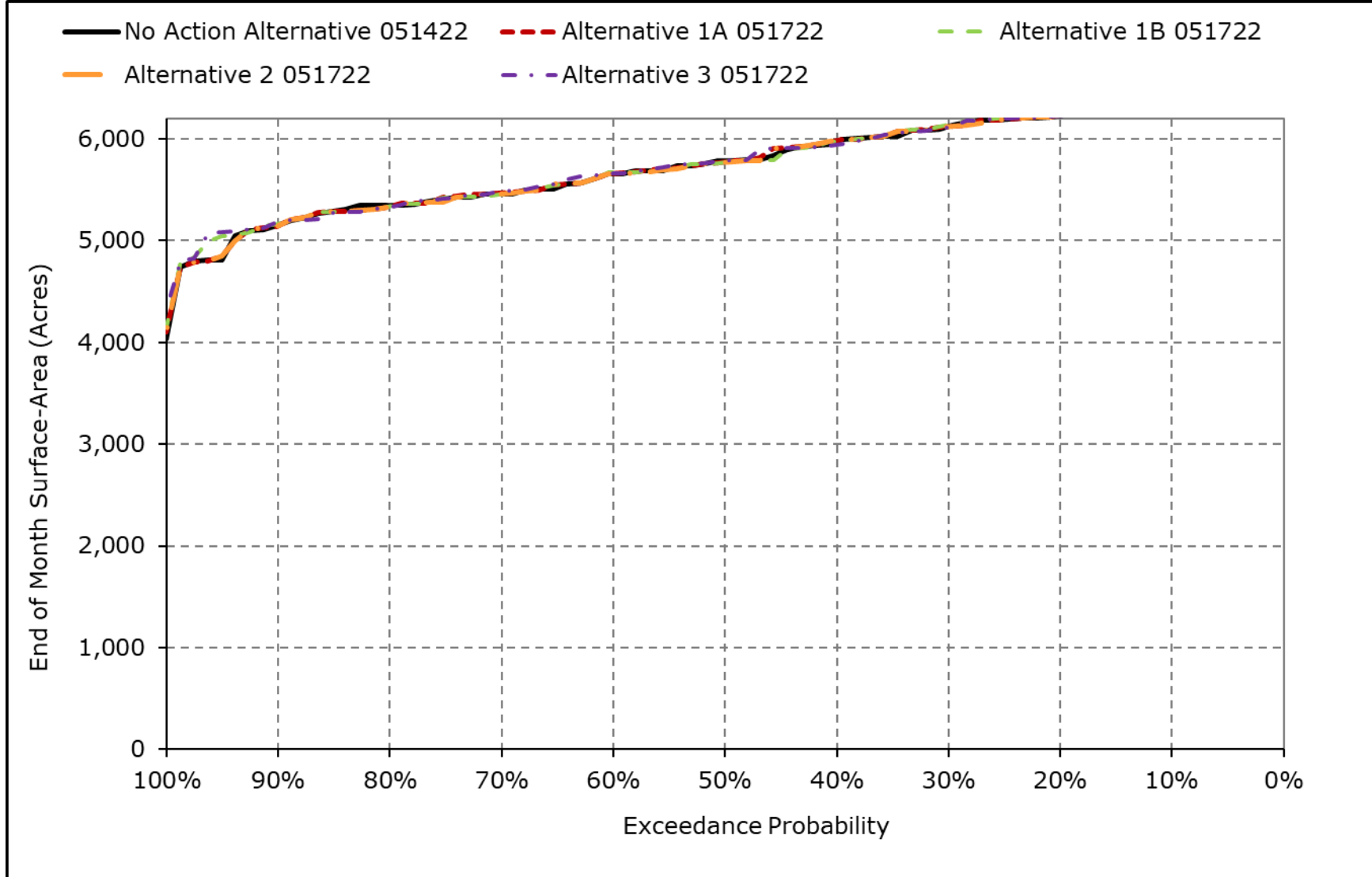
**Figure 5B4-9-6. San Luis Reservoir Surface Area, March**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

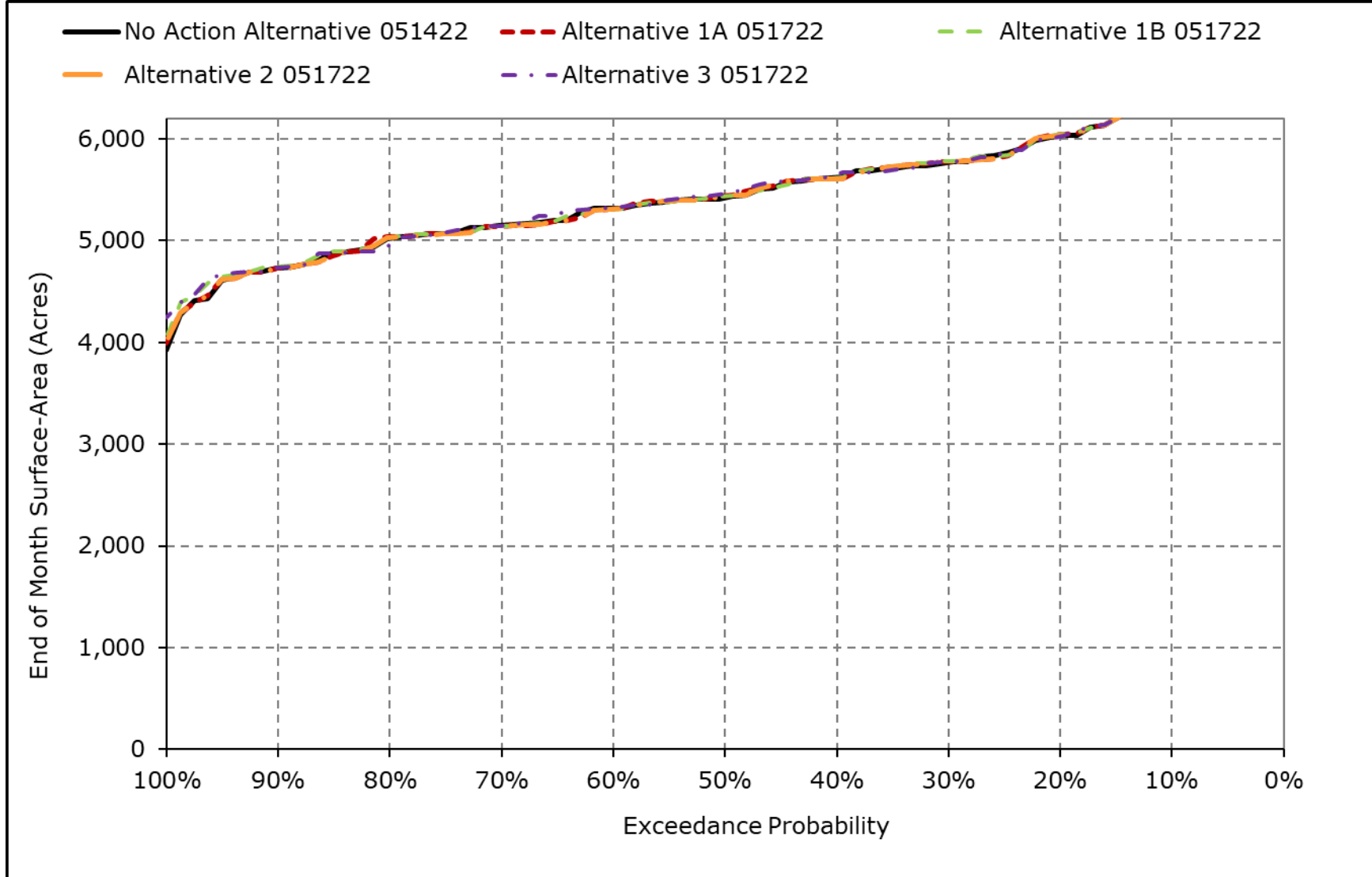


**Figure 5B4-9-7. San Luis Reservoir Surface Area, April**



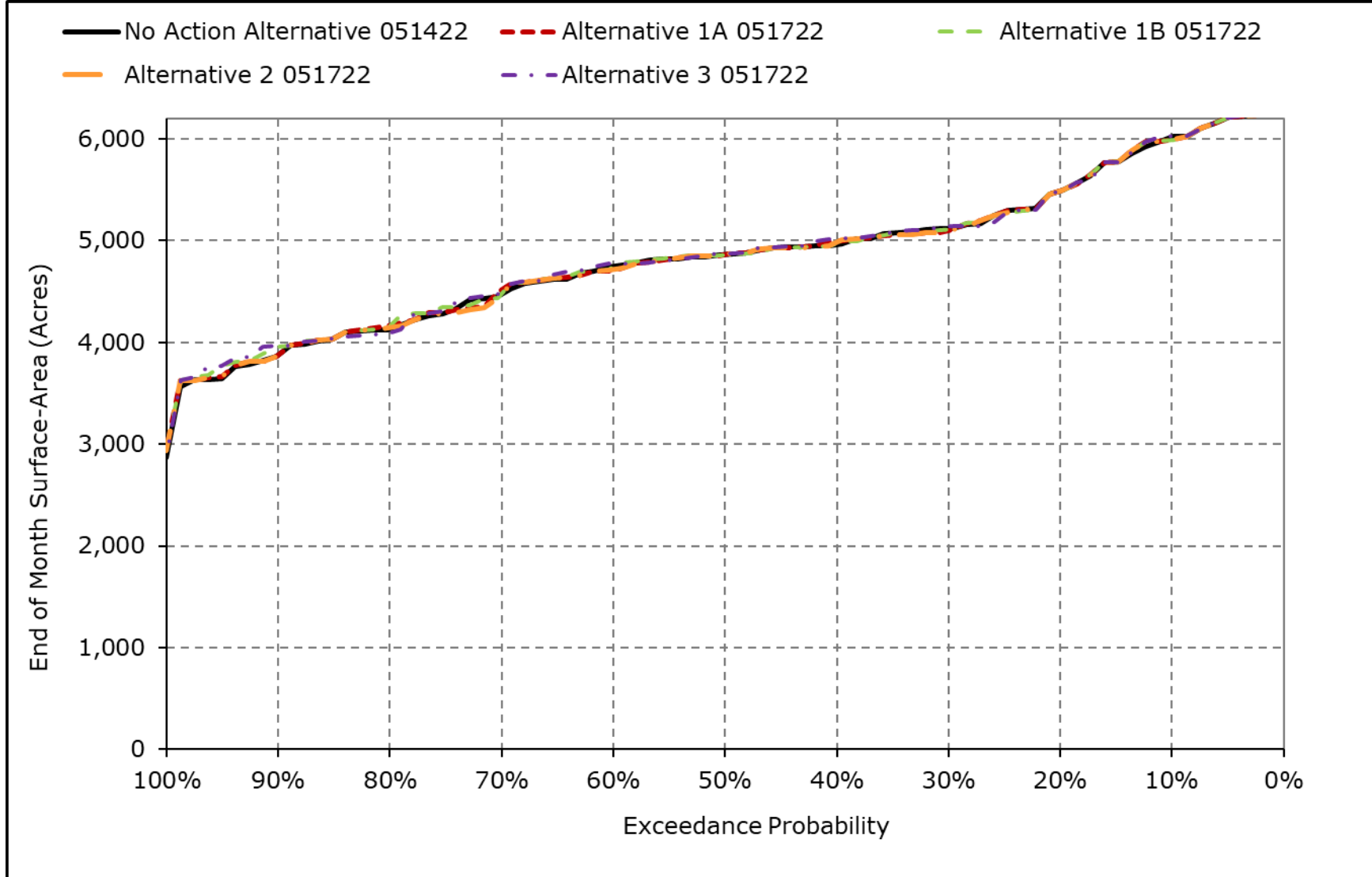
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



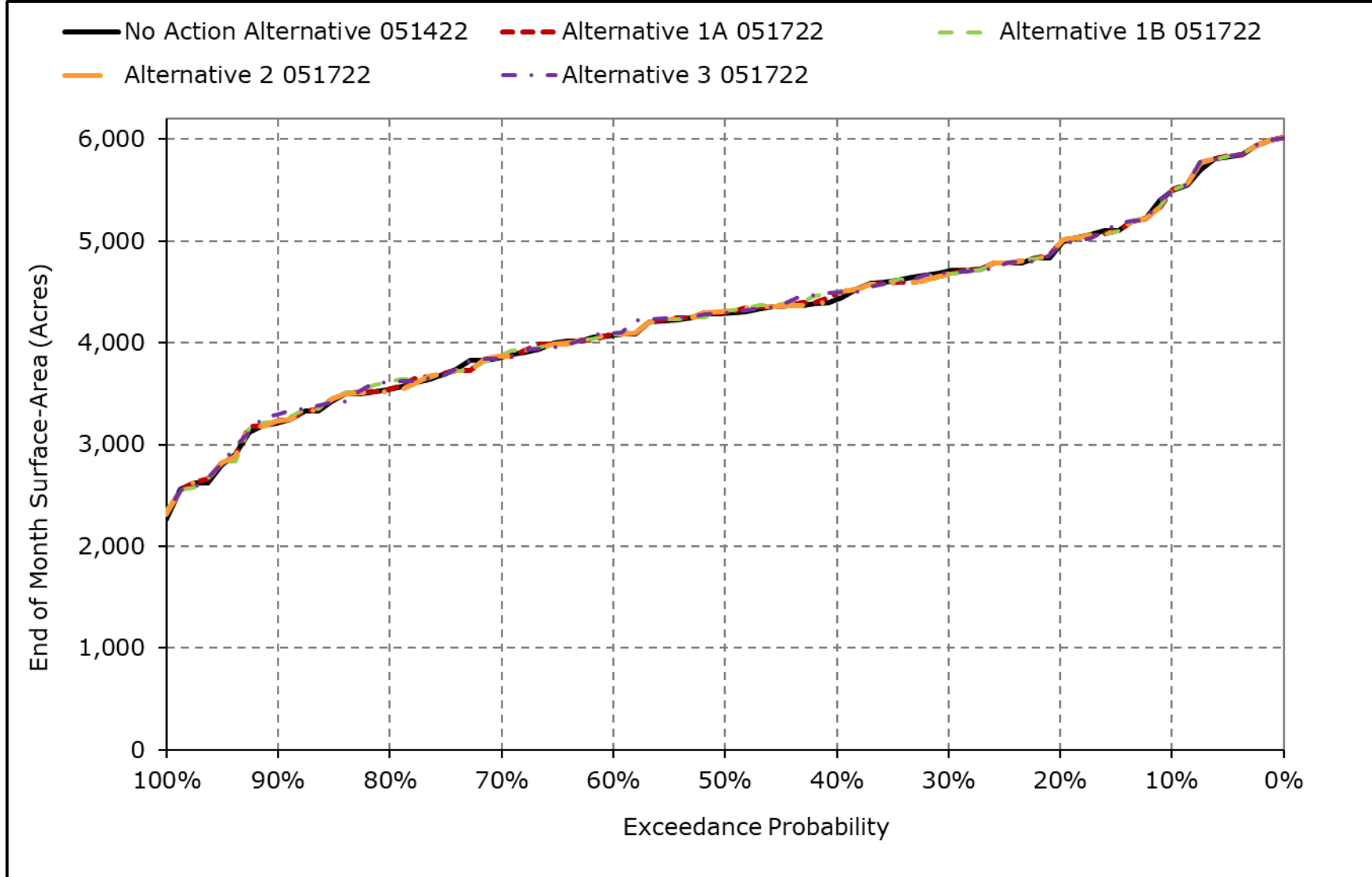
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



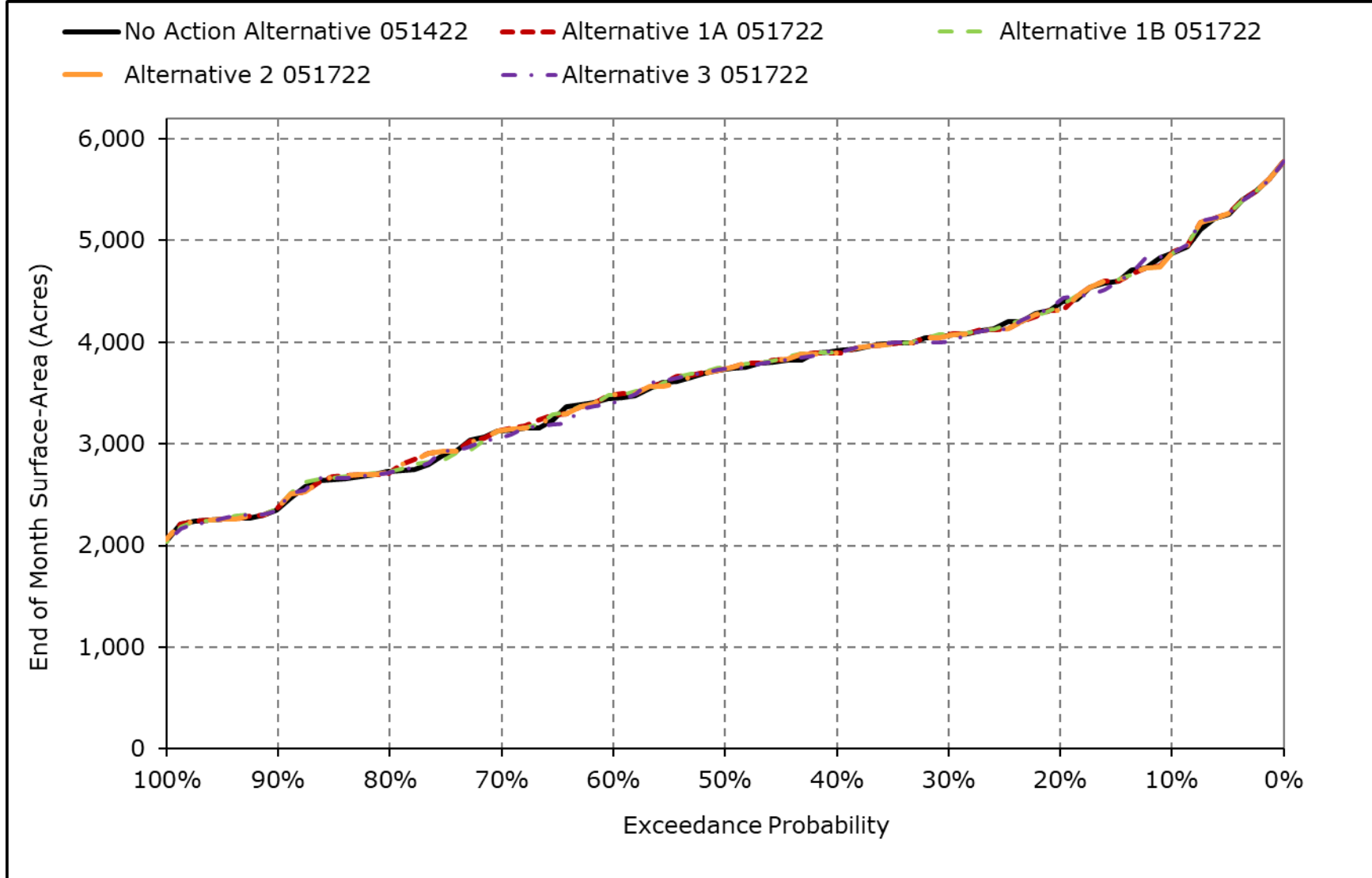
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



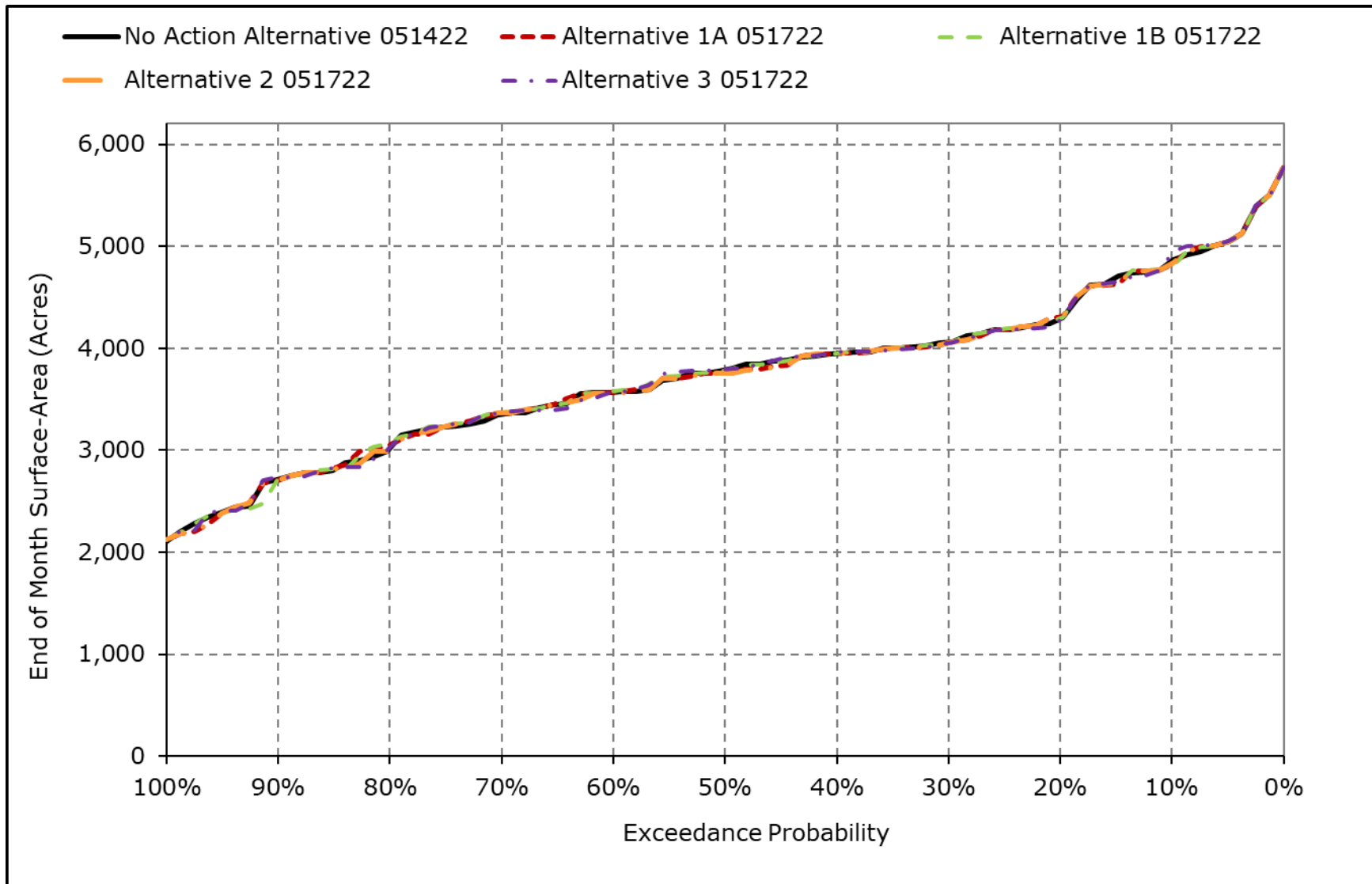
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Table 5B4-10-1a. San Luis CVP Storage, No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	318	472	669	875	972	972	972	972	824	485	308	244
20% Exceedance	224	347	536	751	933	972	972	929	688	358	171	159
30% Exceedance	177	314	491	665	804	947	964	851	592	311	118	127
40% Exceedance	144	272	446	641	783	898	918	800	539	280	98	109
50% Exceedance	130	240	437	625	759	857	855	744	492	258	90	90
60% Exceedance	46	228	428	611	732	815	803	684	478	244	90	76
70% Exceedance	45	223	417	592	696	774	743	659	442	215	75	55
80% Exceedance	45	219	402	561	668	747	709	618	415	165	45	50
90% Exceedance	45	172	331	479	623	688	657	543	369	138	45	45
<b>Full Simulation Period Average<sup>a</sup></b>	154	294	472	646	768	839	830	751	538	288	135	130
<b>Wet Water Years (32%)</b>	120	302	499	685	824	914	929	857	634	339	146	112
<b>Above Normal Water Years (15%)</b>	71	253	462	664	789	857	857	762	528	229	79	51
<b>Below Normal Water Years (17%)</b>	193	317	504	649	782	846	834	747	505	261	92	130
<b>Dry Water Years (22%)</b>	165	254	414	600	705	769	731	642	456	264	126	155
<b>Critical Water Years (15%)</b>	249	353	476	605	705	757	729	680	504	302	228	212

**Table 5B4-10-1b. San Luis CVP Storage, Alternative 1A 051722, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	320	472	670	874	972	972	972	972	834	485	309	240
20% Exceedance	242	379	557	772	933	972	972	929	690	361	171	159
30% Exceedance	181	324	498	670	824	952	965	852	593	307	117	126
40% Exceedance	146	280	453	647	786	902	933	802	538	274	97	105
50% Exceedance	138	244	439	628	763	858	850	739	493	258	90	90
60% Exceedance	49	229	434	616	732	829	808	685	472	244	90	80
70% Exceedance	45	224	426	594	703	777	743	666	444	216	75	55
80% Exceedance	45	222	403	558	669	738	713	617	413	168	45	50
90% Exceedance	45	176	337	492	624	689	645	546	368	140	45	45
<b>Full Simulation Period Average<sup>a</sup></b>	157	300	478	651	773	842	832	753	540	288	135	130
<b>Wet Water Years (32%)</b>	126	308	505	695	833	919	933	860	637	340	147	113
<b>Above Normal Water Years (15%)</b>	71	253	461	681	802	866	864	767	531	231	79	51
<b>Below Normal Water Years (17%)</b>	194	334	518	652	784	848	837	749	508	262	92	130
<b>Dry Water Years (22%)</b>	163	251	411	599	704	768	730	641	454	263	125	155
<b>Critical Water Years (15%)</b>	260	364	488	605	704	757	728	679	503	302	227	211

**Table 5B4-10-1c. San Luis CVP Storage, Alternative 1A 051722 minus No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2	0	0	-1	0	0	0	0	9	0	2	-4
20% Exceedance	18	33	21	20	0	0	0	0	2	3	0	0
30% Exceedance	4	10	7	5	19	5	1	1	1	-4	-1	0
40% Exceedance	2	8	7	7	2	3	14	2	0	-5	-1	-4
50% Exceedance	8	4	2	3	4	1	-5	-5	1	-1	0	0
60% Exceedance	3	1	6	6	0	13	5	1	-6	0	0	4
70% Exceedance	0	1	9	2	7	3	0	7	2	1	0	0
80% Exceedance	0	3	0	-4	1	-9	4	0	-1	3	0	0
90% Exceedance	0	4	6	13	1	1	-12	4	-1	2	0	0
<b>Full Simulation Period Average<sup>a</sup></b>	3	6	6	6	5	3	2	2	1	1	0	0
<b>Wet Water Years (32%)</b>	6	6	6	9	9	4	3	3	3	1	1	1
<b>Above Normal Water Years (15%)</b>	0	0	0	17	14	8	6	5	3	1	0	0
<b>Below Normal Water Years (17%)</b>	1	17	14	3	2	2	2	2	3	1	0	0
<b>Dry Water Years (22%)</b>	-2	-3	-2	0	-1	-1	-1	-1	-1	0	-1	0
<b>Critical Water Years (15%)</b>	11	11	12	0	0	0	-1	-1	-1	-1	-1	0

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-10-2a. San Luis CVP Storage, No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	318	472	669	875	972	972	972	972	824	485	308	244
<b>20% Exceedance</b>	224	347	536	751	933	972	972	929	688	358	171	159
<b>30% Exceedance</b>	177	314	491	665	804	947	964	851	592	311	118	127
<b>40% Exceedance</b>	144	272	446	641	783	898	918	800	539	280	98	109
<b>50% Exceedance</b>	130	240	437	625	759	857	855	744	492	258	90	90
<b>60% Exceedance</b>	46	228	428	611	732	815	803	684	478	244	90	76
<b>70% Exceedance</b>	45	223	417	592	696	774	743	659	442	215	75	55
<b>80% Exceedance</b>	45	219	402	561	668	747	709	618	415	165	45	50
<b>90% Exceedance</b>	45	172	331	479	623	688	657	543	369	138	45	45
<b>Full Simulation Period Average<sup>a</sup></b>	154	294	472	646	768	839	830	751	538	288	135	130
<b>Wet Water Years (32%)</b>	120	302	499	685	824	914	929	857	634	339	146	112
<b>Above Normal Water Years (15%)</b>	71	253	462	664	789	857	857	762	528	229	79	51
<b>Below Normal Water Years (17%)</b>	193	317	504	649	782	846	834	747	505	261	92	130
<b>Dry Water Years (22%)</b>	165	254	414	600	705	769	731	642	456	264	126	155
<b>Critical Water Years (15%)</b>	249	353	476	605	705	757	729	680	504	302	228	212

**Table 5B4-10-2b. San Luis CVP Storage, Alternative 1B 051722, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	321	472	670	873	972	972	972	972	834	485	313	241
<b>20% Exceedance</b>	242	380	557	773	949	972	972	929	688	359	171	159
<b>30% Exceedance</b>	191	323	503	670	824	947	964	855	593	310	118	128
<b>40% Exceedance</b>	150	283	451	647	784	902	933	800	540	284	97	109
<b>50% Exceedance</b>	139	249	438	628	761	862	853	744	494	263	90	90
<b>60% Exceedance</b>	49	235	432	616	733	824	813	690	476	244	90	80
<b>70% Exceedance</b>	45	227	426	592	700	777	743	666	448	220	75	56
<b>80% Exceedance</b>	45	222	408	555	676	748	717	622	412	181	45	50
<b>90% Exceedance</b>	45	198	340	499	631	698	662	558	375	140	45	45
<b>Full Simulation Period Average<sup>a</sup></b>	159	305	480	654	775	846	835	757	544	291	135	132
<b>Wet Water Years (32%)</b>	126	308	505	693	830	918	931	859	637	340	147	113
<b>Above Normal Water Years (15%)</b>	71	253	462	682	803	866	864	767	532	231	78	51
<b>Below Normal Water Years (17%)</b>	199	347	533	656	789	851	838	750	509	264	92	132
<b>Dry Water Years (22%)</b>	165	262	407	605	708	772	734	648	463	269	126	157
<b>Critical Water Years (15%)</b>	263	366	490	611	711	777	747	697	516	309	231	215

**Table 5B4-10-2c. San Luis CVP Storage, Alternative 1B 051722 minus No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>10% Exceedance</b>	2	-1	0	-1	0	0	0	0	9	0	5	-3
<b>20% Exceedance</b>	18	33	21	22	16	0	0	0	0	0	0	0
<b>30% Exceedance</b>	15	9	12	5	19	1	0	4	1	-2	0	1
<b>40% Exceedance</b>	6	10	5	7	1	4	14	0	2	4	-1	-1
<b>50% Exceedance</b>	8	9	2	3	2	4	-2	1	2	4	0	0
<b>60% Exceedance</b>	3	8	5	5	2	9	11	6	-1	0	0	4
<b>70% Exceedance</b>	0	4	9	1	4	4	0	7	6	4	0	1
<b>80% Exceedance</b>	0	3	6	-6	8	1	8	5	-2	16	0	0
<b>90% Exceedance</b>	0	25	9	20	8	10	5	15	6	2	0	0
<b>Full Simulation Period Average<sup>a</sup></b>	5	11	8	8	7	7	5	6	5	3	1	1
<b>Wet Water Years (32%)</b>	6	6	6	7	7	3	2	2	3	1	1	1
<b>Above Normal Water Years (15%)</b>	0	0	0	18	14	8	6	5	4	2	0	0
<b>Below Normal Water Years (17%)</b>	5	30	30	7	6	5	4	4	4	3	0	2
<b>Dry Water Years (22%)</b>	0	7	-6	5	3	3	3	7	7	5	0	1
<b>Critical Water Years (15%)</b>	14	13	14	6	7	20	18	17	12	7	3	3

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.



**Table 5B4-10-3a. San Luis CVP Storage, No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	318	472	669	875	972	972	972	972	824	485	308	244
20% Exceedance	224	347	536	751	933	972	972	929	688	358	171	159
30% Exceedance	177	314	491	665	804	947	964	851	592	311	118	127
40% Exceedance	144	272	446	641	783	898	918	800	539	280	98	109
50% Exceedance	130	240	437	625	759	857	855	744	492	258	90	90
60% Exceedance	46	228	428	611	732	815	803	684	478	244	90	76
70% Exceedance	45	223	417	592	696	774	743	659	442	215	75	55
80% Exceedance	45	219	402	561	668	747	709	618	415	165	45	50
90% Exceedance	45	172	331	479	623	688	657	543	369	138	45	45
<b>Full Simulation Period Average<sup>a</sup></b>	154	294	472	646	768	839	830	751	538	288	135	130
<b>Wet Water Years (32%)</b>	120	302	499	685	824	914	929	857	634	339	146	112
<b>Above Normal Water Years (15%)</b>	71	253	462	664	789	857	857	762	528	229	79	51
<b>Below Normal Water Years (17%)</b>	193	317	504	649	782	846	834	747	505	261	92	130
<b>Dry Water Years (22%)</b>	165	254	414	600	705	769	731	642	456	264	126	155
<b>Critical Water Years (15%)</b>	249	353	476	605	705	757	729	680	504	302	228	212

**Table 5B4-10-3b. San Luis CVP Storage, Alternative 2 051722, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	319	472	670	875	972	972	972	972	834	485	310	240
20% Exceedance	242	378	557	768	933	972	972	929	685	361	171	158
30% Exceedance	181	324	498	670	824	952	965	845	586	306	117	126
40% Exceedance	144	280	456	648	786	900	933	802	537	272	97	102
50% Exceedance	129	244	439	628	763	858	850	739	494	258	90	90
60% Exceedance	52	229	434	616	729	822	808	686	472	244	90	80
70% Exceedance	45	223	426	594	701	777	743	666	444	216	75	55
80% Exceedance	45	222	401	543	669	738	713	618	416	168	45	50
90% Exceedance	45	176	337	492	624	689	645	546	366	140	45	45
<b>Full Simulation Period Average<sup>a</sup></b>	156	299	476	650	772	841	831	752	539	288	134	130
<b>Wet Water Years (32%)</b>	126	308	505	695	833	919	933	860	637	341	147	113
<b>Above Normal Water Years (15%)</b>	71	253	462	680	802	865	864	767	531	231	79	51
<b>Below Normal Water Years (17%)</b>	191	330	514	648	781	845	834	746	505	261	92	129
<b>Dry Water Years (22%)</b>	163	252	411	597	704	768	730	640	454	263	125	155
<b>Critical Water Years (15%)</b>	256	360	483	602	701	754	725	676	500	299	224	208

**Table 5B4-10-3c. San Luis CVP Storage, Alternative 2 051722 minus No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	0	0	9	0	2	-4
20% Exceedance	18	31	21	17	0	0	0	0	-3	3	0	-1
30% Exceedance	5	10	7	5	19	5	1	-6	-6	-5	-1	0
40% Exceedance	0	8	10	7	2	2	14	2	-2	-7	-1	-7
50% Exceedance	-2	4	2	3	4	1	-5	-5	2	-1	0	0
60% Exceedance	6	1	6	6	-3	7	5	2	-6	0	0	4
70% Exceedance	0	0	9	2	5	3	0	7	2	0	0	0
80% Exceedance	0	3	-1	-18	1	-9	4	0	1	3	0	0
90% Exceedance	0	4	6	13	1	1	-12	4	-3	2	0	0
<b>Full Simulation Period Average<sup>a</sup></b>	2	5	4	4	4	2	1	1	0	0	0	0
<b>Wet Water Years (32%)</b>	6	6	6	10	9	4	3	4	3	1	1	1
<b>Above Normal Water Years (15%)</b>	0	0	0	16	13	8	6	5	3	1	0	0
<b>Below Normal Water Years (17%)</b>	-2	14	11	-1	-1	-1	0	0	0	0	1	-1
<b>Dry Water Years (22%)</b>	-2	-3	-2	-2	-1	-2	-2	-1	-1	-1	-1	0
<b>Critical Water Years (15%)</b>	7	7	6	-3	-3	-4	-4	-4	-4	-4	-4	-3

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-10-4a. San Luis CVP Storage, No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	318	472	669	875	972	972	972	972	824	485	308	244
20% Exceedance	224	347	536	751	933	972	972	929	688	358	171	159
30% Exceedance	177	314	491	665	804	947	964	851	592	311	118	127
40% Exceedance	144	272	446	641	783	898	918	800	539	280	98	109
50% Exceedance	130	240	437	625	759	857	855	744	492	258	90	90
60% Exceedance	46	228	428	611	732	815	803	684	478	244	90	76
70% Exceedance	45	223	417	592	696	774	743	659	442	215	75	55
80% Exceedance	45	219	402	561	668	747	709	618	415	165	45	50
90% Exceedance	45	172	331	479	623	688	657	543	369	138	45	45
<b>Full Simulation Period Average<sup>a</sup></b>	154	294	472	646	768	839	830	751	538	288	135	130
<b>Wet Water Years (32%)</b>	120	302	499	685	824	914	929	857	634	339	146	112
<b>Above Normal Water Years (15%)</b>	71	253	462	664	789	857	857	762	528	229	79	51
<b>Below Normal Water Years (17%)</b>	193	317	504	649	782	846	834	747	505	261	92	130
<b>Dry Water Years (22%)</b>	165	254	414	600	705	769	731	642	456	264	126	155
<b>Critical Water Years (15%)</b>	249	353	476	605	705	757	729	680	504	302	228	212

**Table 5B4-10-4b. San Luis CVP Storage, Alternative 3 051722, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	320	486	667	854	972	972	972	972	834	485	316	265
20% Exceedance	251	383	571	782	932	972	972	929	689	361	171	156
30% Exceedance	187	328	516	715	859	961	967	854	600	310	126	129
40% Exceedance	158	300	461	654	797	917	931	797	537	282	98	107
50% Exceedance	144	252	440	630	770	883	850	753	502	264	91	90
60% Exceedance	67	235	433	618	740	832	813	710	479	246	90	86
70% Exceedance	45	226	426	595	707	786	755	666	464	222	76	56
80% Exceedance	45	222	409	564	681	749	722	646	424	204	45	50
90% Exceedance	45	206	371	530	652	702	678	586	372	159	45	47
<b>Full Simulation Period Average<sup>a</sup></b>	162	311	489	662	785	856	842	763	548	296	136	132
<b>Wet Water Years (32%)</b>	126	308	505	711	849	930	936	863	639	341	147	113
<b>Above Normal Water Years (15%)</b>	83	266	477	671	793	861	860	764	532	251	79	52
<b>Below Normal Water Years (17%)</b>	197	336	536	641	774	840	828	743	503	262	95	136
<b>Dry Water Years (22%)</b>	174	289	434	622	732	796	756	665	474	275	128	154
<b>Critical Water Years (15%)</b>	262	364	495	633	732	799	767	716	529	312	231	215

**Table 5B4-10-4c. San Luis CVP Storage, Alternative 3 051722 minus No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2	14	-2	-20	0	0	0	0	9	0	8	22
20% Exceedance	27	36	35	31	0	0	0	0	0	3	0	-3
30% Exceedance	10	14	24	50	55	14	3	3	8	-2	7	2
40% Exceedance	14	28	15	13	13	18	12	-3	-1	3	0	-2
50% Exceedance	14	12	4	4	11	25	-6	9	10	6	1	0
60% Exceedance	21	7	5	7	8	16	10	26	1	1	0	10
70% Exceedance	0	4	9	3	11	12	12	7	22	7	1	1
80% Exceedance	0	3	7	2	13	2	14	28	9	39	0	1
90% Exceedance	0	34	40	50	30	14	21	44	3	21	0	2
<b>Full Simulation Period Average<sup>a</sup></b>	8	16	17	17	17	16	12	12	9	8	2	2
<b>Wet Water Years (32%)</b>	6	6	6	26	25	16	7	6	5	2	1	1
<b>Above Normal Water Years (15%)</b>	12	13	15	6	4	3	3	2	4	21	0	1
<b>Below Normal Water Years (17%)</b>	4	19	33	-8	-8	-6	-6	-3	-2	1	3	6
<b>Dry Water Years (22%)</b>	9	34	20	23	27	26	24	23	18	12	2	-1
<b>Critical Water Years (15%)</b>	13	11	19	28	27	41	39	36	25	10	3	4

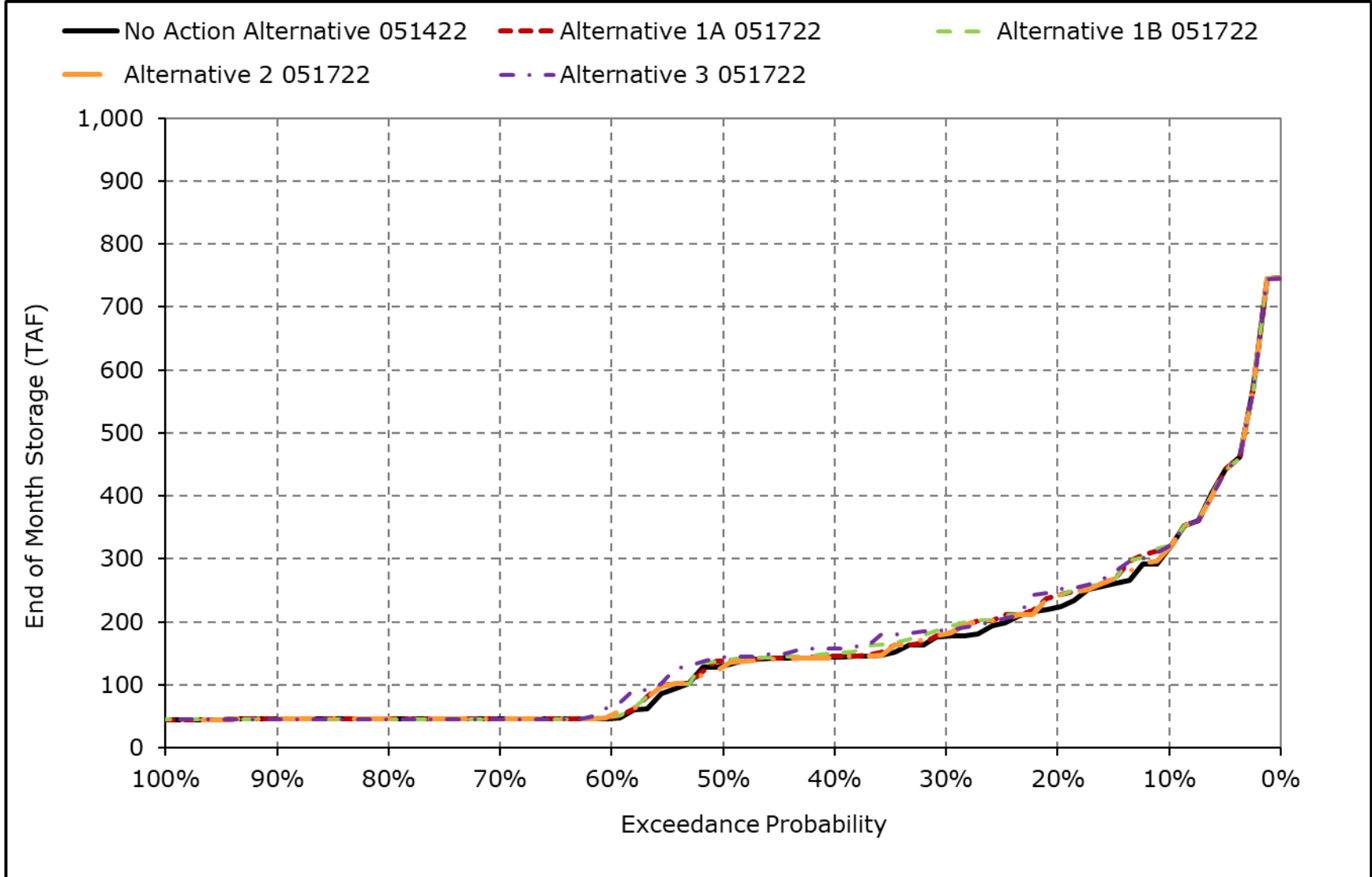
<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

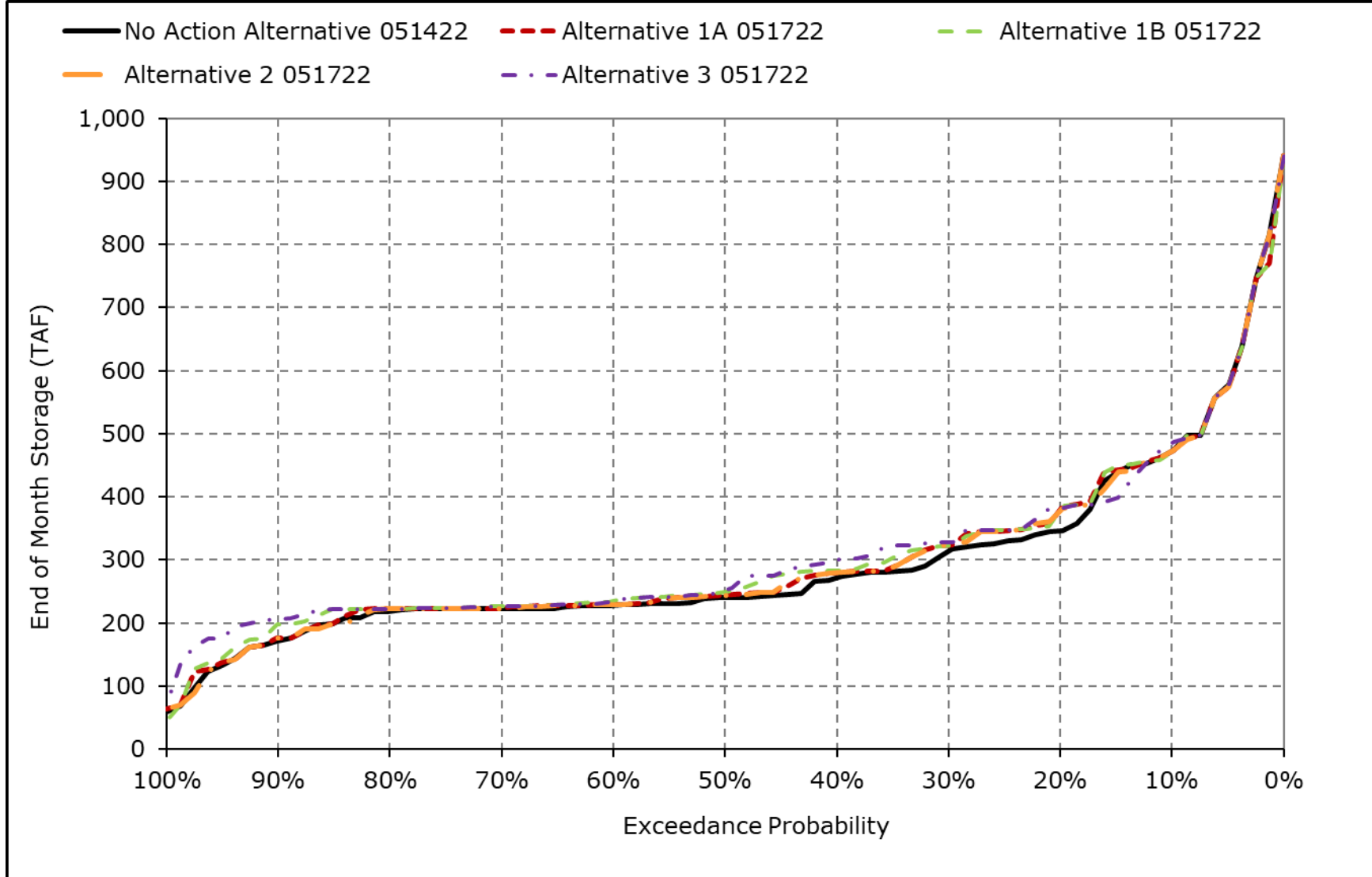
\* Water Year Types results are displayed with calendar year - year type sorting.

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



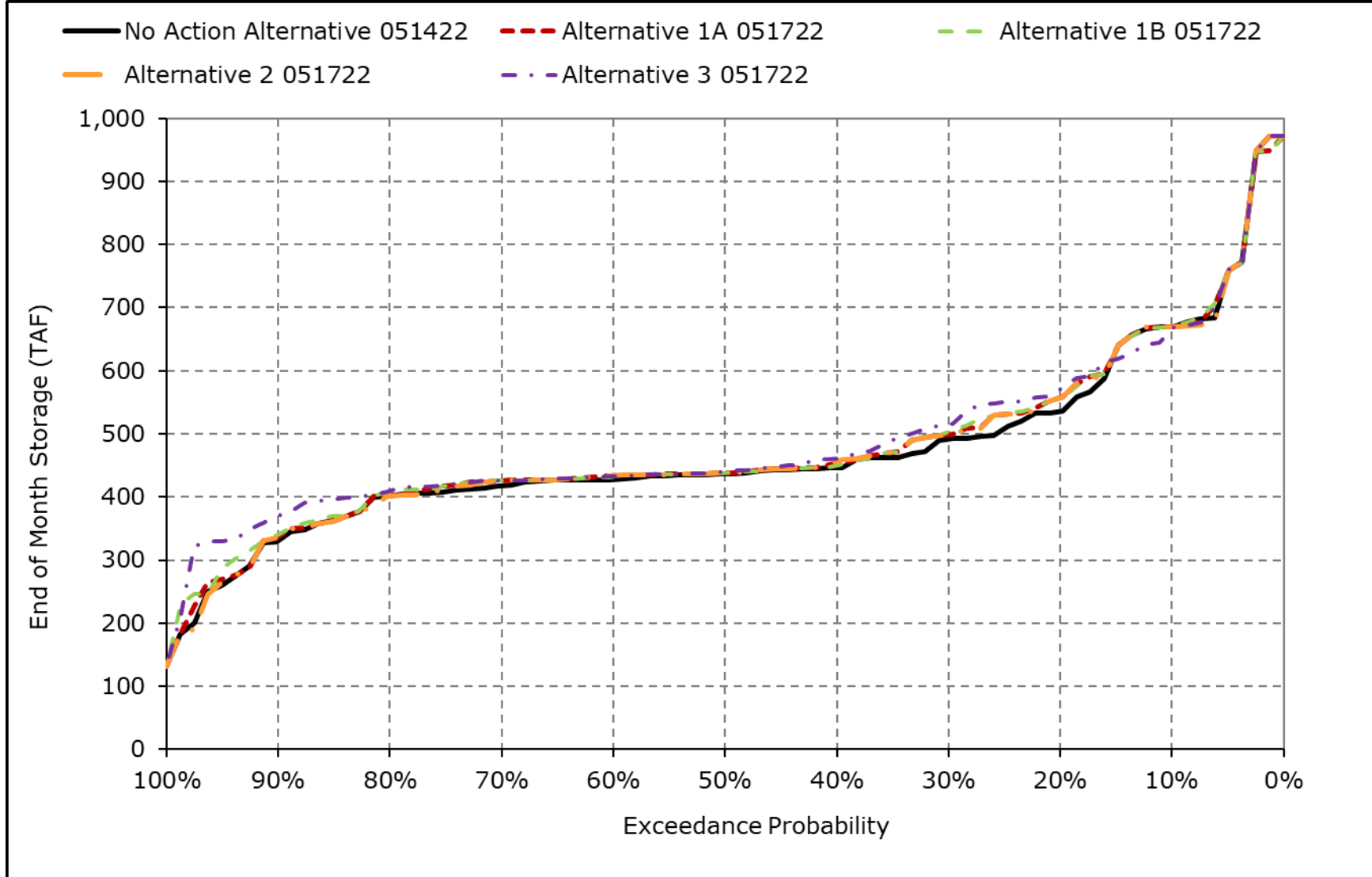
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



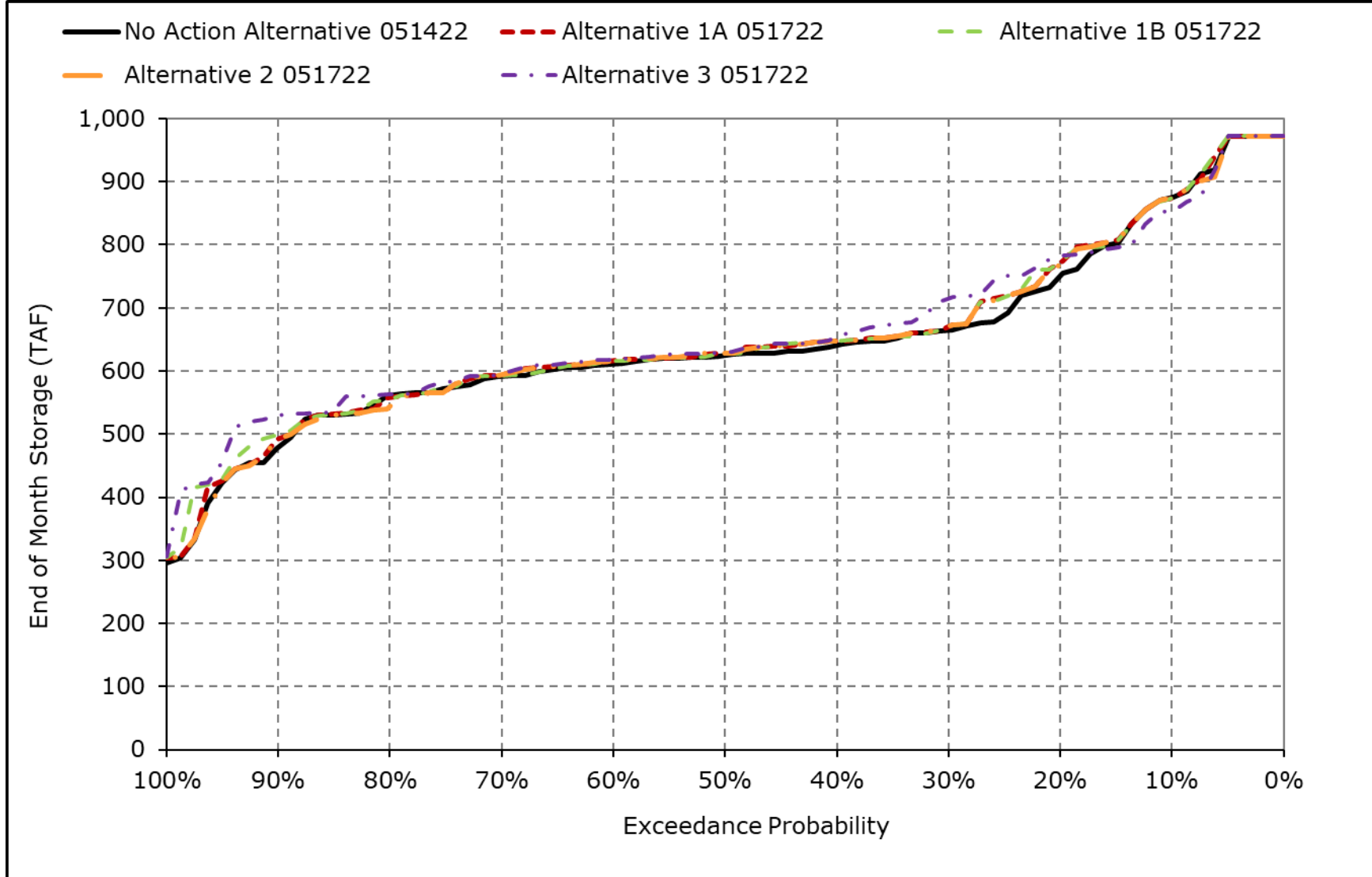
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



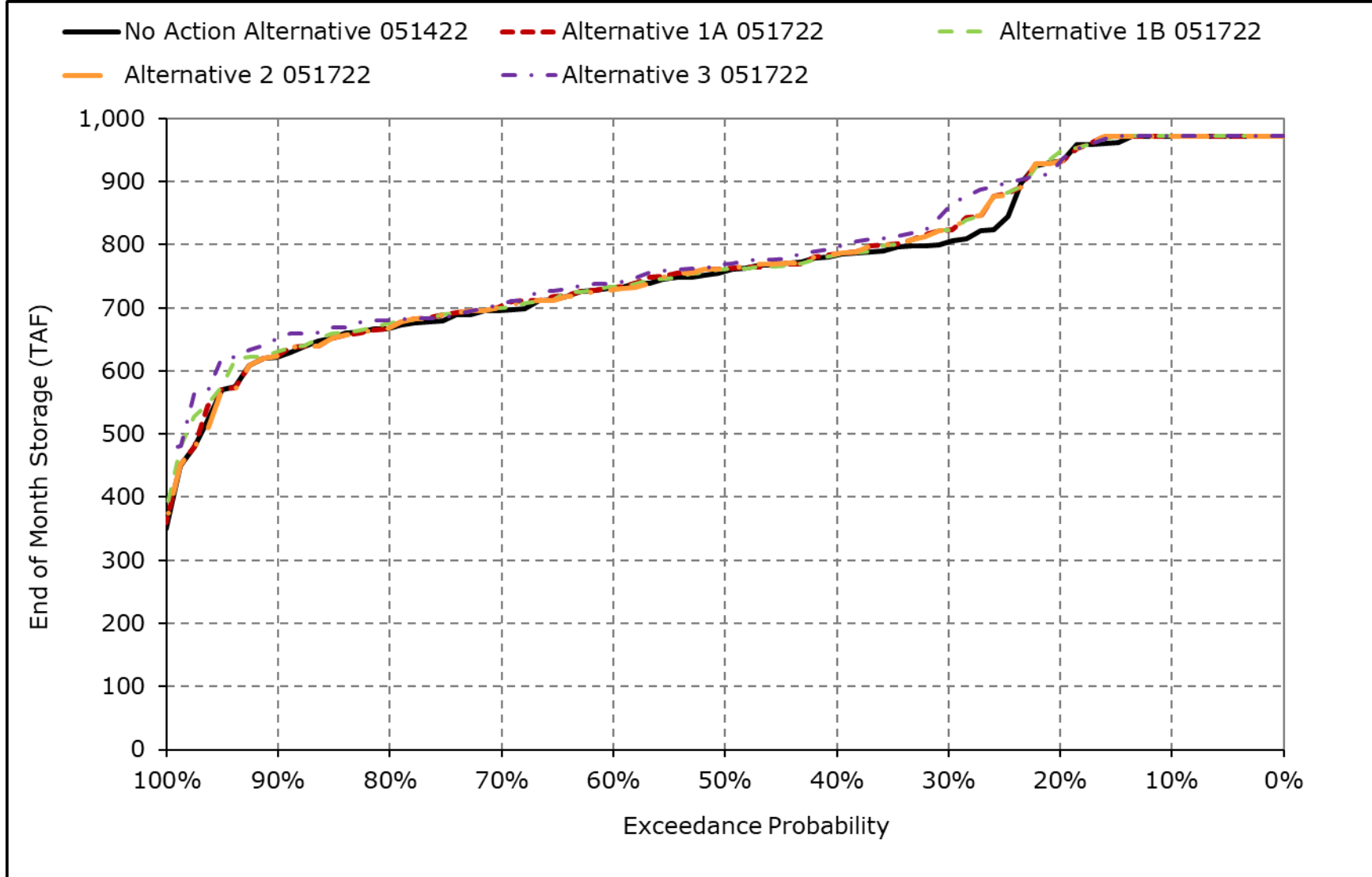
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



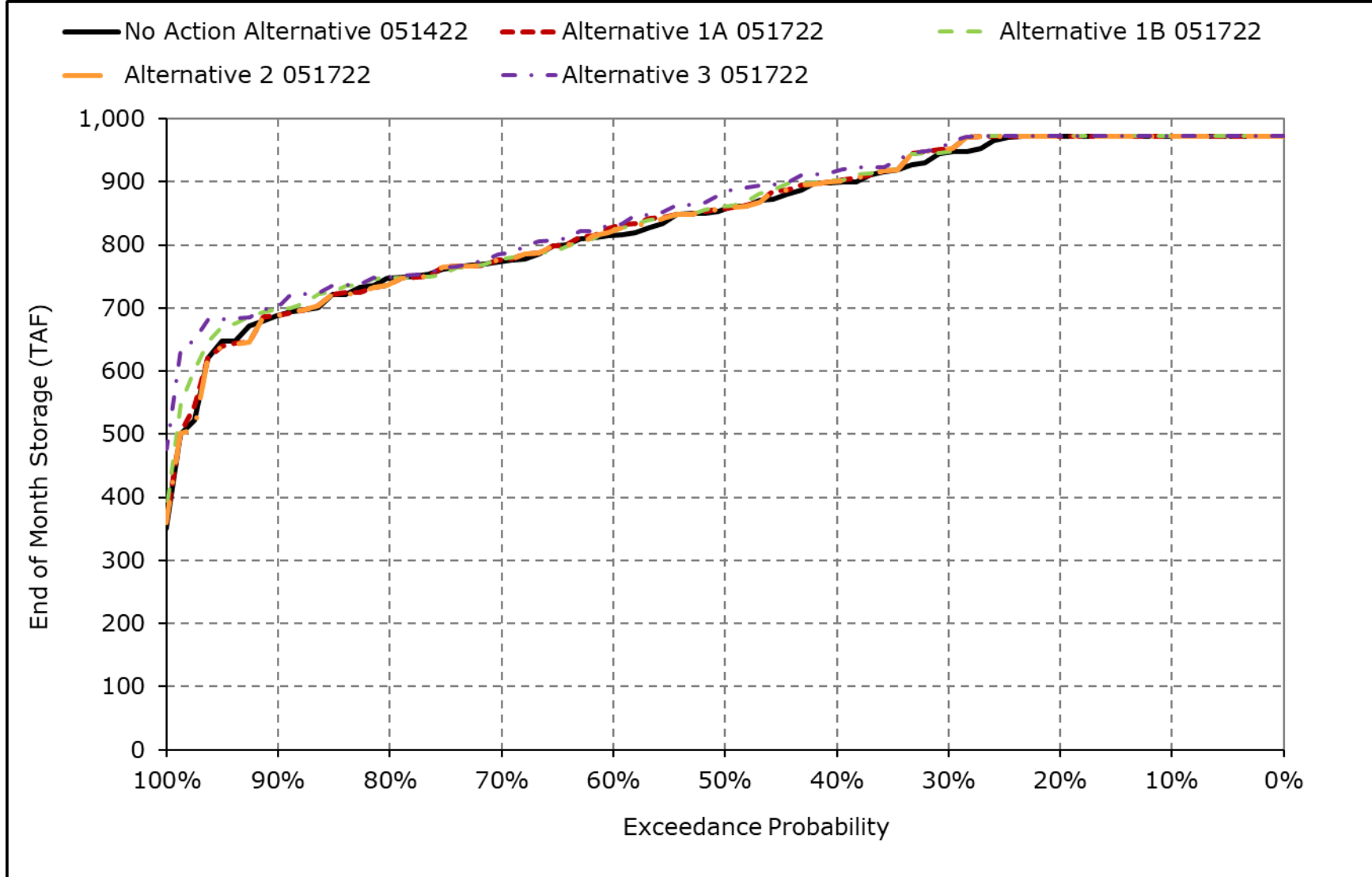
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

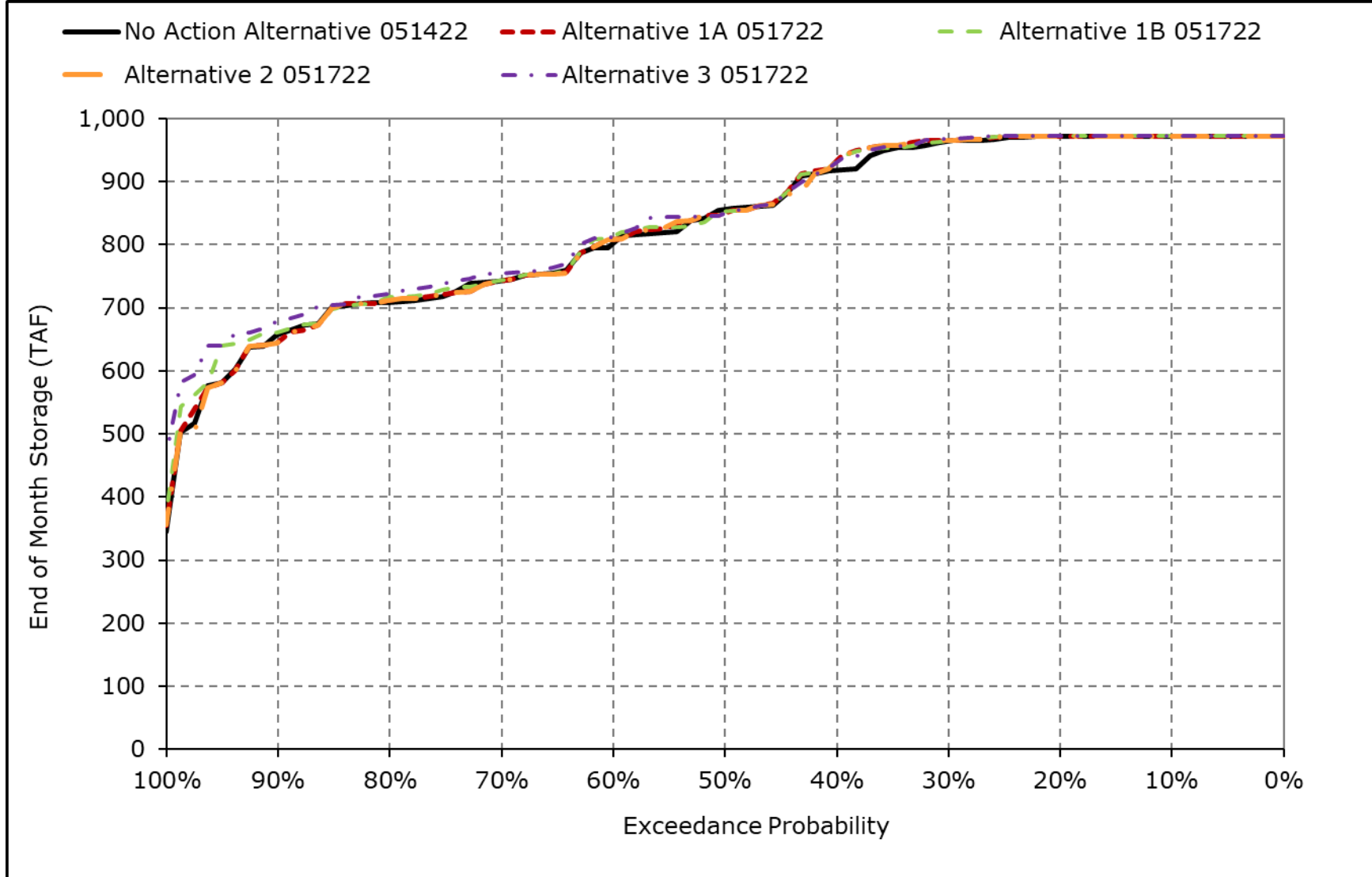
**Figure 5B4-10-6. San Luis CVP Storage, March**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

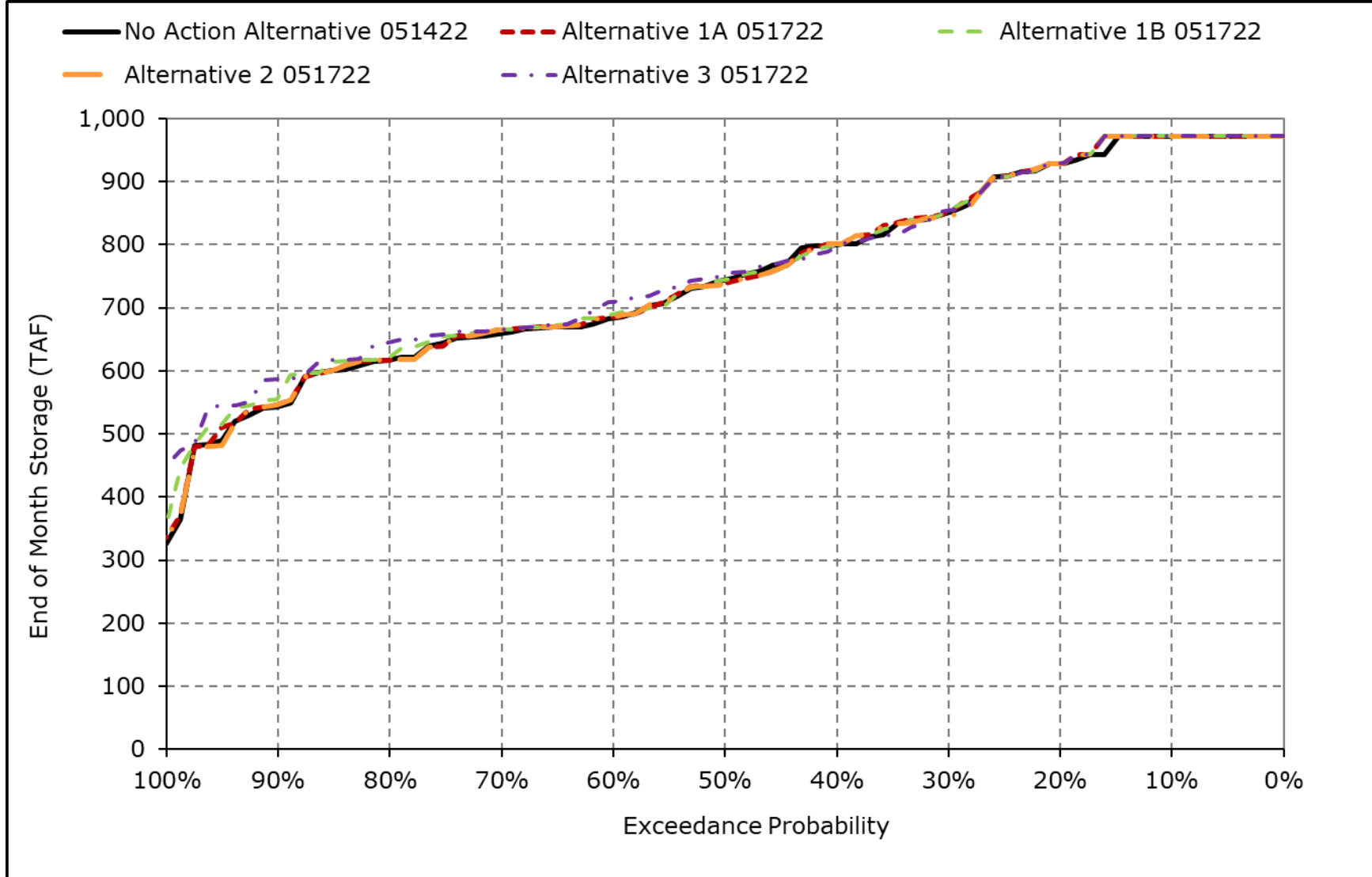


**Figure 5B4-10-7. San Luis CVP Storage, April**



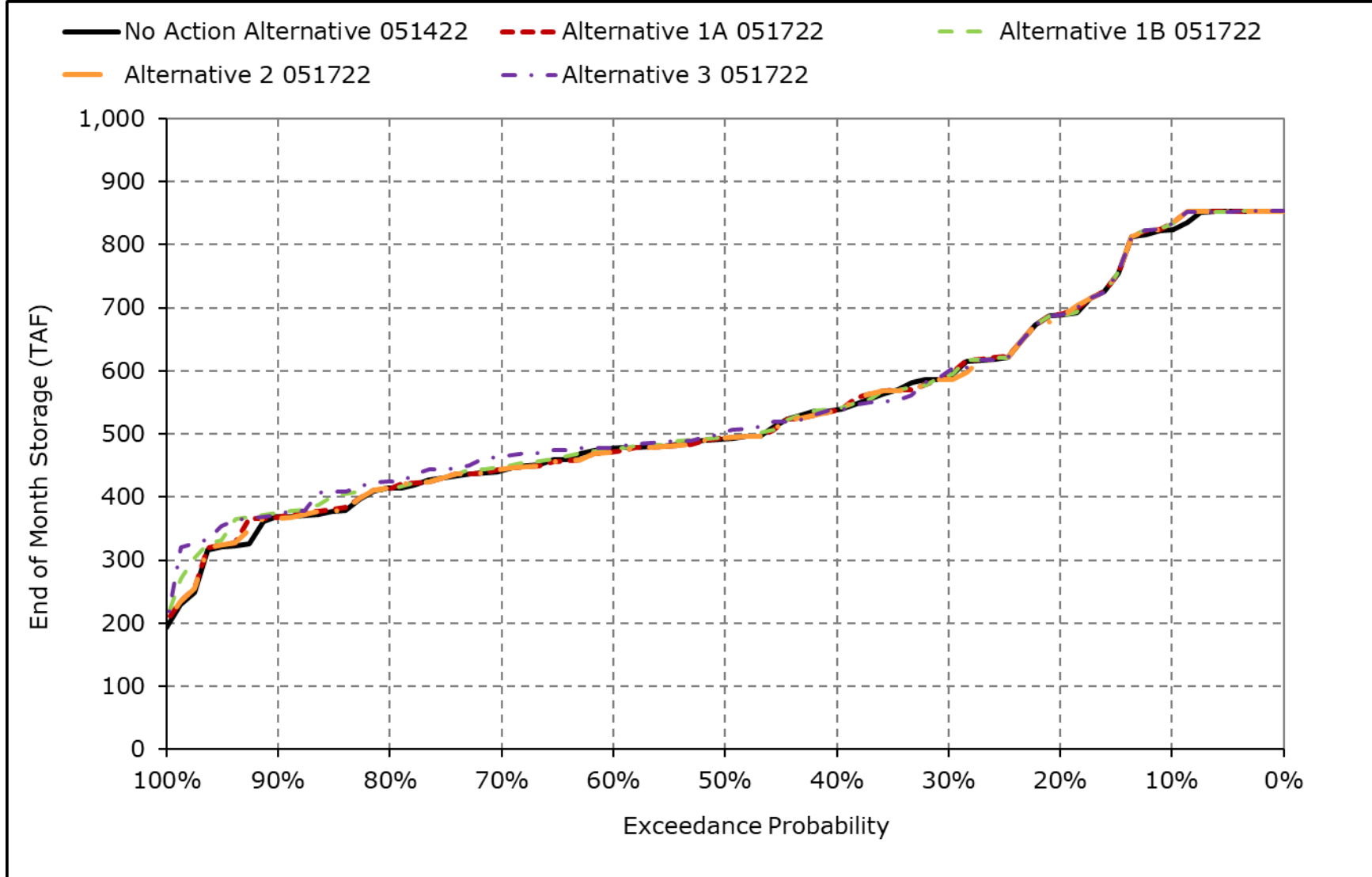
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



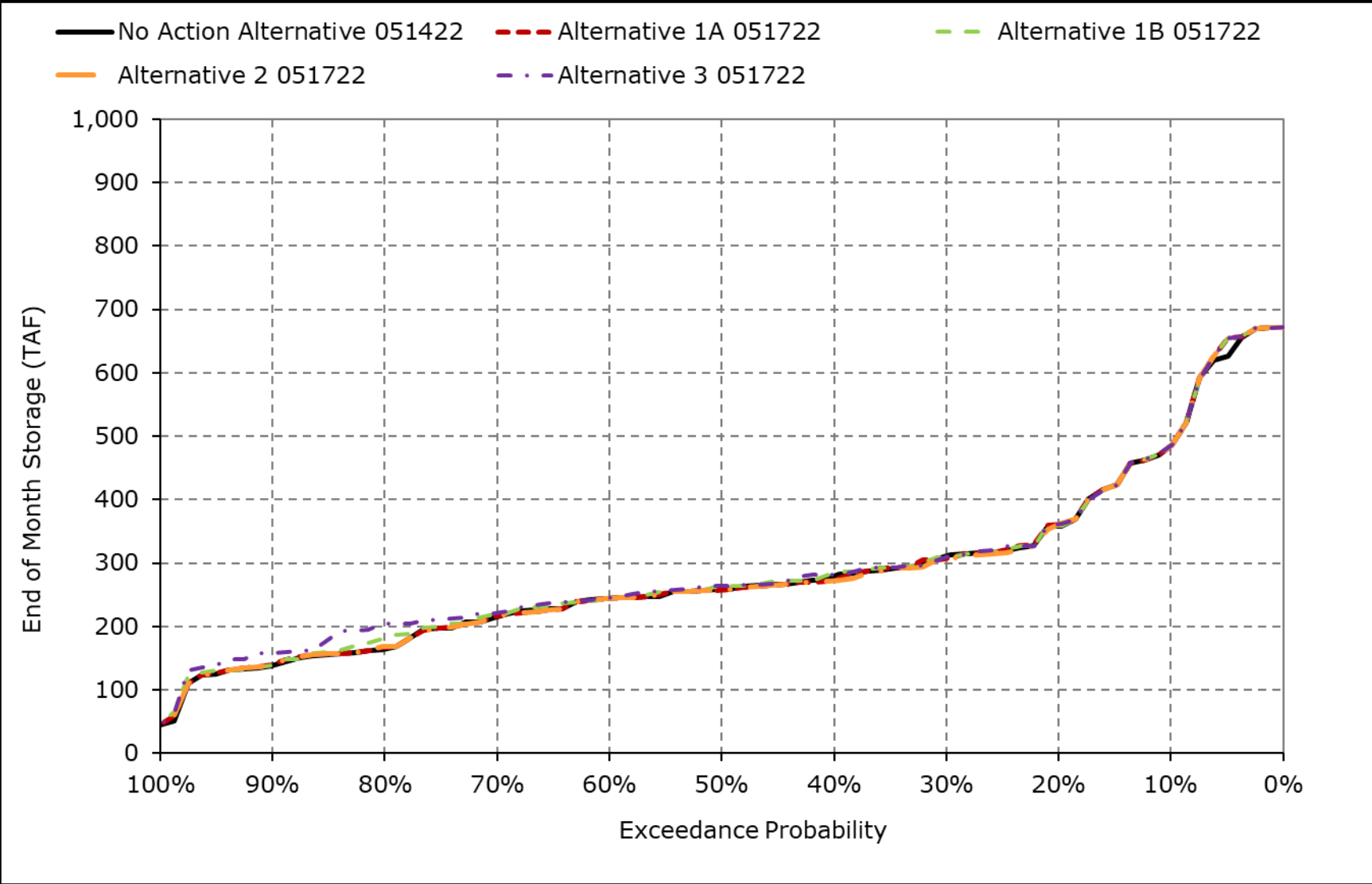
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



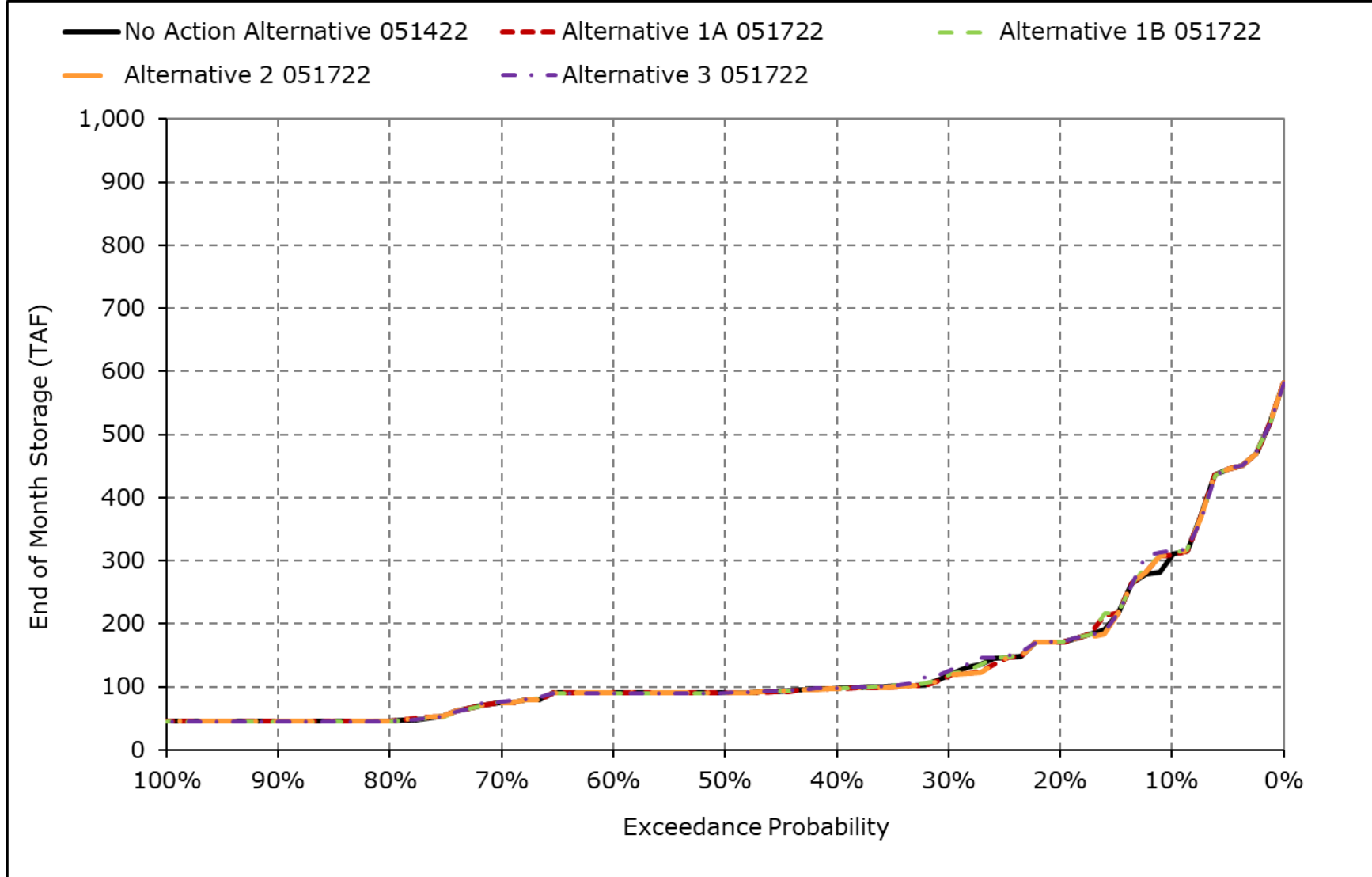
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



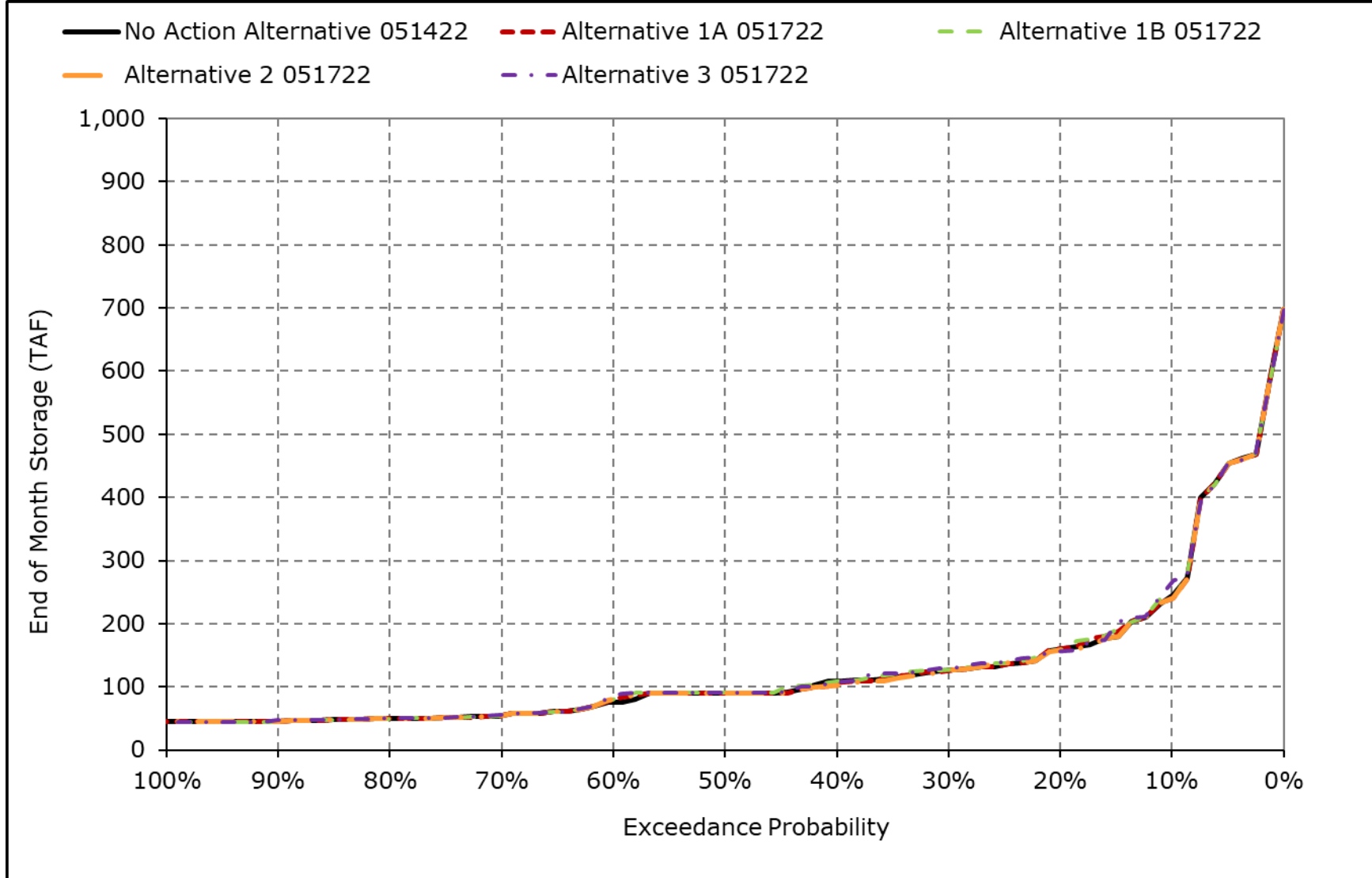
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Table 5B4-11-1a. San Luis SWP Storage, No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	820	916	1,066	1,067	1,067	1,067	1,064	1,067	925	870	784	805
20% Exceedance	631	764	926	963	1,057	1,067	970	818	646	636	524	578
30% Exceedance	461	589	794	886	963	1,021	932	745	558	535	452	474
40% Exceedance	403	531	729	746	853	931	874	716	493	472	409	404
50% Exceedance	337	435	611	668	772	848	757	630	448	423	325	353
60% Exceedance	260	344	515	588	699	748	690	544	410	348	244	286
70% Exceedance	174	249	343	455	605	637	543	418	255	257	176	207
80% Exceedance	112	161	261	375	487	519	445	334	211	176	138	147
90% Exceedance	56	55	121	228	370	423	369	239	55	104	92	64
<b>Full Simulation Period Average<sup>a</sup></b>	383	466	586	662	750	793	724	606	458	438	368	385
<b>Wet Water Years (32%)</b>	654	750	890	722	805	873	858	779	655	635	573	630
<b>Above Normal Water Years (15%)</b>	357	439	576	618	693	736	635	500	328	328	299	395
<b>Below Normal Water Years (17%)</b>	332	392	473	711	804	829	719	539	319	340	382	336
<b>Dry Water Years (22%)</b>	229	322	437	665	755	783	682	546	403	398	237	229
<b>Critical Water Years (15%)</b>	113	180	289	514	617	647	592	507	408	294	169	134

**Table 5B4-11-1b. San Luis SWP Storage, Alternative 1A 051722, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	826	960	1,067	1,067	1,067	1,067	1,067	1,067	932	874	787	809
20% Exceedance	633	749	934	963	1,044	1,067	970	819	646	643	505	575
30% Exceedance	478	602	806	891	947	1,022	933	750	557	535	452	488
40% Exceedance	404	526	714	745	865	930	861	705	490	463	411	399
50% Exceedance	344	459	595	664	773	883	756	632	436	421	326	340
60% Exceedance	264	343	518	572	694	748	691	544	402	353	243	288
70% Exceedance	173	265	345	460	602	652	540	416	279	265	176	205
80% Exceedance	112	159	260	377	486	522	439	321	214	175	147	147
90% Exceedance	60	55	126	227	367	431	369	220	55	104	99	58
<b>Full Simulation Period Average<sup>a</sup></b>	384	470	587	662	749	794	724	606	457	438	368	384
<b>Wet Water Years (32%)</b>	658	753	893	726	807	875	857	779	656	637	576	631
<b>Above Normal Water Years (15%)</b>	362	443	580	638	706	747	646	504	331	332	302	397
<b>Below Normal Water Years (17%)</b>	325	409	489	689	785	815	705	526	309	331	373	330
<b>Dry Water Years (22%)</b>	230	321	421	668	760	787	686	548	403	402	240	228
<b>Critical Water Years (15%)</b>	115	180	292	508	611	650	594	509	409	295	173	134

**Table 5B4-11-1c. San Luis SWP Storage, Alternative 1A 051722 minus No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6	44	1	0	0	0	3	0	8	4	2	3
20% Exceedance	1	-15	8	0	-13	0	0	1	0	7	-20	-3
30% Exceedance	17	13	12	5	-16	1	0	5	0	0	0	15
40% Exceedance	1	-5	-16	-1	12	-2	-13	-11	-3	-10	2	-5
50% Exceedance	6	23	-16	-4	0	35	-1	3	-12	-2	1	-13
60% Exceedance	4	-1	3	-16	-5	0	1	0	-8	5	-1	2
70% Exceedance	-1	16	2	5	-3	15	-3	-2	24	7	0	-2
80% Exceedance	0	-1	0	1	-1	3	-6	-13	3	-1	8	0
90% Exceedance	4	0	5	-1	-3	8	0	-19	0	0	7	-6
<b>Full Simulation Period Average<sup>a</sup></b>	1	4	1	0	-1	1	0	-1	-1	1	1	-1
<b>Wet Water Years (32%)</b>	3	3	2	4	2	1	-1	0	1	2	2	1
<b>Above Normal Water Years (15%)</b>	5	4	4	20	13	11	11	4	4	4	4	1
<b>Below Normal Water Years (17%)</b>	-7	18	17	-22	-19	-14	-14	-13	-10	-9	-10	-6
<b>Dry Water Years (22%)</b>	1	-2	-16	3	4	4	4	2	0	4	3	-1
<b>Critical Water Years (15%)</b>	1	0	3	-6	-6	3	2	2	1	2	4	0

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-11-2a. San Luis SWP Storage, No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	820	916	1,066	1,067	1,067	1,067	1,064	1,067	925	870	784	805
20% Exceedance	631	764	926	963	1,057	1,067	970	818	646	636	524	578
30% Exceedance	461	589	794	886	963	1,021	932	745	558	535	452	474
40% Exceedance	403	531	729	746	853	931	874	716	493	472	409	404
50% Exceedance	337	435	611	668	772	848	757	630	448	423	325	353
60% Exceedance	260	344	515	588	699	748	690	544	410	348	244	286
70% Exceedance	174	249	343	455	605	637	543	418	255	257	176	207
80% Exceedance	112	161	261	375	487	519	445	334	211	176	138	147
90% Exceedance	56	55	121	228	370	423	369	239	55	104	92	64
<b>Full Simulation Period Average<sup>a</sup></b>	<b>383</b>	<b>466</b>	<b>586</b>	<b>662</b>	<b>750</b>	<b>793</b>	<b>724</b>	<b>606</b>	<b>458</b>	<b>438</b>	<b>368</b>	<b>385</b>
<b>Wet Water Years (32%)</b>	<b>654</b>	<b>750</b>	<b>890</b>	<b>722</b>	<b>805</b>	<b>873</b>	<b>858</b>	<b>779</b>	<b>655</b>	<b>635</b>	<b>573</b>	<b>630</b>
<b>Above Normal Water Years (15%)</b>	<b>357</b>	<b>439</b>	<b>576</b>	<b>618</b>	<b>693</b>	<b>736</b>	<b>635</b>	<b>500</b>	<b>328</b>	<b>328</b>	<b>299</b>	<b>395</b>
<b>Below Normal Water Years (17%)</b>	<b>332</b>	<b>392</b>	<b>473</b>	<b>711</b>	<b>804</b>	<b>829</b>	<b>719</b>	<b>539</b>	<b>319</b>	<b>340</b>	<b>382</b>	<b>336</b>
<b>Dry Water Years (22%)</b>	<b>229</b>	<b>322</b>	<b>437</b>	<b>665</b>	<b>755</b>	<b>783</b>	<b>682</b>	<b>546</b>	<b>403</b>	<b>398</b>	<b>237</b>	<b>229</b>
<b>Critical Water Years (15%)</b>	<b>113</b>	<b>180</b>	<b>289</b>	<b>514</b>	<b>617</b>	<b>647</b>	<b>592</b>	<b>507</b>	<b>408</b>	<b>294</b>	<b>169</b>	<b>134</b>

**Table 5B4-11-2b. San Luis SWP Storage, Alternative 1B 051722, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	834	961	1,067	1,067	1,067	1,067	1,067	1,067	930	874	786	809
20% Exceedance	634	766	930	970	1,044	1,067	969	815	637	632	516	576
30% Exceedance	471	594	776	891	957	1,026	932	735	540	534	455	484
40% Exceedance	398	525	722	765	864	932	875	710	490	470	414	401
50% Exceedance	343	452	597	662	777	870	760	631	443	419	328	350
60% Exceedance	260	345	496	583	697	747	691	549	402	352	239	288
70% Exceedance	174	268	346	455	607	659	539	417	277	262	169	204
80% Exceedance	109	134	260	378	485	520	446	331	214	173	140	148
90% Exceedance	56	55	126	232	363	422	369	220	55	103	100	58
<b>Full Simulation Period Average<sup>a</sup></b>	<b>385</b>	<b>472</b>	<b>583</b>	<b>662</b>	<b>749</b>	<b>793</b>	<b>724</b>	<b>605</b>	<b>457</b>	<b>438</b>	<b>368</b>	<b>385</b>
<b>Wet Water Years (32%)</b>	<b>659</b>	<b>754</b>	<b>893</b>	<b>724</b>	<b>807</b>	<b>875</b>	<b>858</b>	<b>779</b>	<b>655</b>	<b>636</b>	<b>576</b>	<b>632</b>
<b>Above Normal Water Years (15%)</b>	<b>363</b>	<b>444</b>	<b>581</b>	<b>637</b>	<b>702</b>	<b>744</b>	<b>643</b>	<b>502</b>	<b>329</b>	<b>329</b>	<b>300</b>	<b>394</b>
<b>Below Normal Water Years (17%)</b>	<b>330</b>	<b>414</b>	<b>495</b>	<b>705</b>	<b>794</b>	<b>819</b>	<b>710</b>	<b>532</b>	<b>315</b>	<b>338</b>	<b>379</b>	<b>337</b>
<b>Dry Water Years (22%)</b>	<b>228</b>	<b>325</b>	<b>398</b>	<b>658</b>	<b>754</b>	<b>784</b>	<b>680</b>	<b>543</b>	<b>397</b>	<b>398</b>	<b>236</b>	<b>225</b>
<b>Critical Water Years (15%)</b>	<b>114</b>	<b>179</b>	<b>291</b>	<b>508</b>	<b>611</b>	<b>651</b>	<b>595</b>	<b>509</b>	<b>409</b>	<b>295</b>	<b>173</b>	<b>134</b>

**Table 5B4-11-2c. San Luis SWP Storage, Alternative 1B 051722 minus No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	14	45	1	0	0	0	3	0	5	4	1	4
20% Exceedance	3	2	4	7	-13	0	-1	-3	-10	-4	-8	-2
30% Exceedance	11	5	-18	5	-6	5	0	-10	-18	-1	4	10
40% Exceedance	-5	-5	-7	19	10	1	2	-6	-2	-2	5	-4
50% Exceedance	6	17	-13	-6	4	22	2	2	-5	-4	3	-3
60% Exceedance	0	1	-19	-5	-2	-1	1	5	-8	4	-5	2
70% Exceedance	0	19	2	0	2	22	-4	-1	22	5	-6	-3
80% Exceedance	-3	-27	0	2	-3	1	1	-3	3	-3	2	1
90% Exceedance	-1	0	5	4	-7	-1	0	-19	0	-1	8	-6
<b>Full Simulation Period Average<sup>a</sup></b>	<b>2</b>	<b>7</b>	<b>-3</b>	<b>0</b>	<b>-1</b>	<b>1</b>	<b>0</b>	<b>-1</b>	<b>-2</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>Wet Water Years (32%)</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>2</b>
<b>Above Normal Water Years (15%)</b>	<b>6</b>	<b>6</b>	<b>5</b>	<b>19</b>	<b>9</b>	<b>8</b>	<b>8</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>-1</b>
<b>Below Normal Water Years (17%)</b>	<b>-2</b>	<b>22</b>	<b>22</b>	<b>-6</b>	<b>-10</b>	<b>-10</b>	<b>-8</b>	<b>-7</b>	<b>-4</b>	<b>-3</b>	<b>-3</b>	<b>1</b>
<b>Dry Water Years (22%)</b>	<b>-1</b>	<b>3</b>	<b>-39</b>	<b>-8</b>	<b>-1</b>	<b>0</b>	<b>-2</b>	<b>-3</b>	<b>-6</b>	<b>0</b>	<b>-1</b>	<b>-3</b>
<b>Critical Water Years (15%)</b>	<b>1</b>	<b>-1</b>	<b>2</b>	<b>-6</b>	<b>-6</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>-1</b>

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.



**Table 5B4-11-3a. San Luis SWP Storage, No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	820	916	1,066	1,067	1,067	1,067	1,064	1,067	925	870	784	805
20% Exceedance	631	764	926	963	1,057	1,067	970	818	646	636	524	578
30% Exceedance	461	589	794	886	963	1,021	932	745	558	535	452	474
40% Exceedance	403	531	729	746	853	931	874	716	493	472	409	404
50% Exceedance	337	435	611	668	772	848	757	630	448	423	325	353
60% Exceedance	260	344	515	588	699	748	690	544	410	348	244	286
70% Exceedance	174	249	343	455	605	637	543	418	255	257	176	207
80% Exceedance	112	161	261	375	487	519	445	334	211	176	138	147
90% Exceedance	56	55	121	228	370	423	369	239	55	104	92	64
<b>Full Simulation Period Average<sup>a</sup></b>	383	466	586	662	750	793	724	606	458	438	368	385
<b>Wet Water Years (32%)</b>	654	750	890	722	805	873	858	779	655	635	573	630
<b>Above Normal Water Years (15%)</b>	357	439	576	618	693	736	635	500	328	328	299	395
<b>Below Normal Water Years (17%)</b>	332	392	473	711	804	829	719	539	319	340	382	336
<b>Dry Water Years (22%)</b>	229	322	437	665	755	783	682	546	403	398	237	229
<b>Critical Water Years (15%)</b>	113	180	289	514	617	647	592	507	408	294	169	134

**Table 5B4-11-3b. San Luis SWP Storage, Alternative 2 051722, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	826	960	1,067	1,067	1,067	1,067	1,067	1,067	930	874	786	809
20% Exceedance	633	749	936	963	1,048	1,067	970	819	646	643	505	575
30% Exceedance	471	602	798	891	949	1,022	932	738	558	535	452	488
40% Exceedance	403	520	713	731	850	930	861	705	490	463	410	398
50% Exceedance	344	458	586	666	772	854	756	631	436	421	326	334
60% Exceedance	258	343	518	569	695	748	691	544	401	353	243	284
70% Exceedance	170	264	345	458	602	652	540	418	267	261	176	208
80% Exceedance	110	159	260	377	485	522	439	321	214	175	146	147
90% Exceedance	55	55	116	228	371	431	369	220	55	104	99	60
<b>Full Simulation Period Average<sup>a</sup></b>	383	469	586	662	748	793	723	604	456	438	368	384
<b>Wet Water Years (32%)</b>	657	752	892	726	807	875	857	779	656	637	575	631
<b>Above Normal Water Years (15%)</b>	361	442	579	635	702	744	643	501	329	330	301	396
<b>Below Normal Water Years (17%)</b>	324	408	488	687	783	814	704	525	308	331	373	329
<b>Dry Water Years (22%)</b>	230	321	423	666	755	784	682	546	401	400	240	228
<b>Critical Water Years (15%)</b>	113	179	290	513	616	651	594	509	408	296	173	134

**Table 5B4-11-3c. San Luis SWP Storage, Alternative 2 051722 minus No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6	44	1	0	0	0	3	0	6	4	2	3
20% Exceedance	2	-15	10	0	-9	0	0	1	0	7	-20	-3
30% Exceedance	10	13	5	5	-15	1	0	-7	0	0	0	15
40% Exceedance	0	-11	-16	-15	-4	-2	-12	-11	-3	-10	1	-6
50% Exceedance	6	23	-25	-2	0	6	-1	1	-12	-2	1	-19
60% Exceedance	-2	-1	3	-19	-5	0	1	0	-9	5	-1	-1
70% Exceedance	-4	15	2	3	-3	15	-3	0	12	4	0	1
80% Exceedance	-3	-1	0	1	-2	3	-6	-13	3	-1	8	0
90% Exceedance	-1	0	-5	0	1	8	0	-19	0	0	7	-3
<b>Full Simulation Period Average<sup>a</sup></b>	0	4	1	0	-2	0	-1	-2	-2	0	1	-1
<b>Wet Water Years (32%)</b>	2	2	1	4	2	1	-1	0	1	2	2	1
<b>Above Normal Water Years (15%)</b>	4	3	3	17	9	8	8	2	2	2	2	0
<b>Below Normal Water Years (17%)</b>	-8	17	16	-24	-21	-15	-14	-14	-11	-9	-9	-6
<b>Dry Water Years (22%)</b>	1	-1	-14	1	0	0	0	-1	-2	2	3	-1
<b>Critical Water Years (15%)</b>	0	0	1	-1	-1	4	2	1	0	2	4	-1

<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

\* Water Year Types results are displayed with calendar year - year type sorting.

**Table 5B4-11-4a. San Luis SWP Storage, No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	820	916	1,066	1,067	1,067	1,067	1,064	1,067	925	870	784	805
20% Exceedance	631	764	926	963	1,057	1,067	970	818	646	636	524	578
30% Exceedance	461	589	794	886	963	1,021	932	745	558	535	452	474
40% Exceedance	403	531	729	746	853	931	874	716	493	472	409	404
50% Exceedance	337	435	611	668	772	848	757	630	448	423	325	353
60% Exceedance	260	344	515	588	699	748	690	544	410	348	244	286
70% Exceedance	174	249	343	455	605	637	543	418	255	257	176	207
80% Exceedance	112	161	261	375	487	519	445	334	211	176	138	147
90% Exceedance	56	55	121	228	370	423	369	239	55	104	92	64
<b>Full Simulation Period Average<sup>a</sup></b>	383	466	586	662	750	793	724	606	458	438	368	385
<b>Wet Water Years (32%)</b>	654	750	890	722	805	873	858	779	655	635	573	630
<b>Above Normal Water Years (15%)</b>	357	439	576	618	693	736	635	500	328	328	299	395
<b>Below Normal Water Years (17%)</b>	332	392	473	711	804	829	719	539	319	340	382	336
<b>Dry Water Years (22%)</b>	229	322	437	665	755	783	682	546	403	398	237	229
<b>Critical Water Years (15%)</b>	113	180	289	514	617	647	592	507	408	294	169	134

**Table 5B4-11-4b. San Luis SWP Storage, Alternative 3 051722, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	810	905	1,067	1,067	1,067	1,067	1,066	1,067	924	873	767	795
20% Exceedance	617	796	939	974	1,061	1,067	970	820	640	633	534	573
30% Exceedance	454	593	802	894	954	1,060	932	735	544	531	446	475
40% Exceedance	403	515	710	744	837	928	847	725	486	470	406	402
50% Exceedance	340	415	566	677	769	846	730	629	461	427	320	335
60% Exceedance	285	325	459	565	702	743	684	543	372	323	218	292
70% Exceedance	170	282	364	451	615	667	571	419	259	248	175	205
80% Exceedance	113	160	248	355	485	512	438	335	208	168	142	147
90% Exceedance	55	55	100	234	359	402	368	191	55	104	98	67
<b>Full Simulation Period Average<sup>a</sup></b>	383	467	581	662	750	792	722	603	456	435	365	384
<b>Wet Water Years (32%)</b>	659	754	893	723	809	878	861	781	657	636	575	630
<b>Above Normal Water Years (15%)</b>	356	440	579	639	707	748	645	508	330	315	286	381
<b>Below Normal Water Years (17%)</b>	323	391	485	672	765	790	684	506	305	328	374	342
<b>Dry Water Years (22%)</b>	229	324	401	676	764	792	689	551	400	400	237	228
<b>Critical Water Years (15%)</b>	112	177	287	521	624	648	591	505	405	293	171	134

**Table 5B4-11-4c. San Luis SWP Storage, Alternative 3 051722 minus No Action Alternative 051422, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-10	-11	1	0	0	0	2	0	-1	4	-17	-10
20% Exceedance	-15	32	12	11	4	0	0	2	-6	-3	10	-5
30% Exceedance	-7	4	8	8	-9	38	0	-10	-14	-5	-6	1
40% Exceedance	-1	-15	-20	-2	-16	-3	-27	9	-7	-2	-3	-2
50% Exceedance	2	-20	-44	9	-3	-2	-28	-1	13	4	-6	-18
60% Exceedance	25	-19	-56	-23	3	-5	-6	0	-38	-25	-26	6
70% Exceedance	-4	33	21	-4	10	30	28	1	4	-10	0	-2
80% Exceedance	1	-1	-13	-20	-2	-7	-6	1	-3	-8	3	0
90% Exceedance	-1	0	-21	6	-11	-21	0	-48	0	0	6	3
<b>Full Simulation Period Average<sup>a</sup></b>	0	1	-5	0	0	-1	-2	-3	-3	-3	-3	-1
<b>Wet Water Years (32%)</b>	5	4	3	1	4	5	3	2	1	1	2	0
<b>Above Normal Water Years (15%)</b>	-1	2	3	22	15	12	10	9	2	-14	-13	-15
<b>Below Normal Water Years (17%)</b>	-9	-1	12	-40	-39	-39	-35	-33	-14	-12	-9	7
<b>Dry Water Years (22%)</b>	0	2	-36	11	9	9	7	4	-3	3	-1	-1
<b>Critical Water Years (15%)</b>	-2	-3	-2	8	7	1	-1	-2	-3	0	2	-1

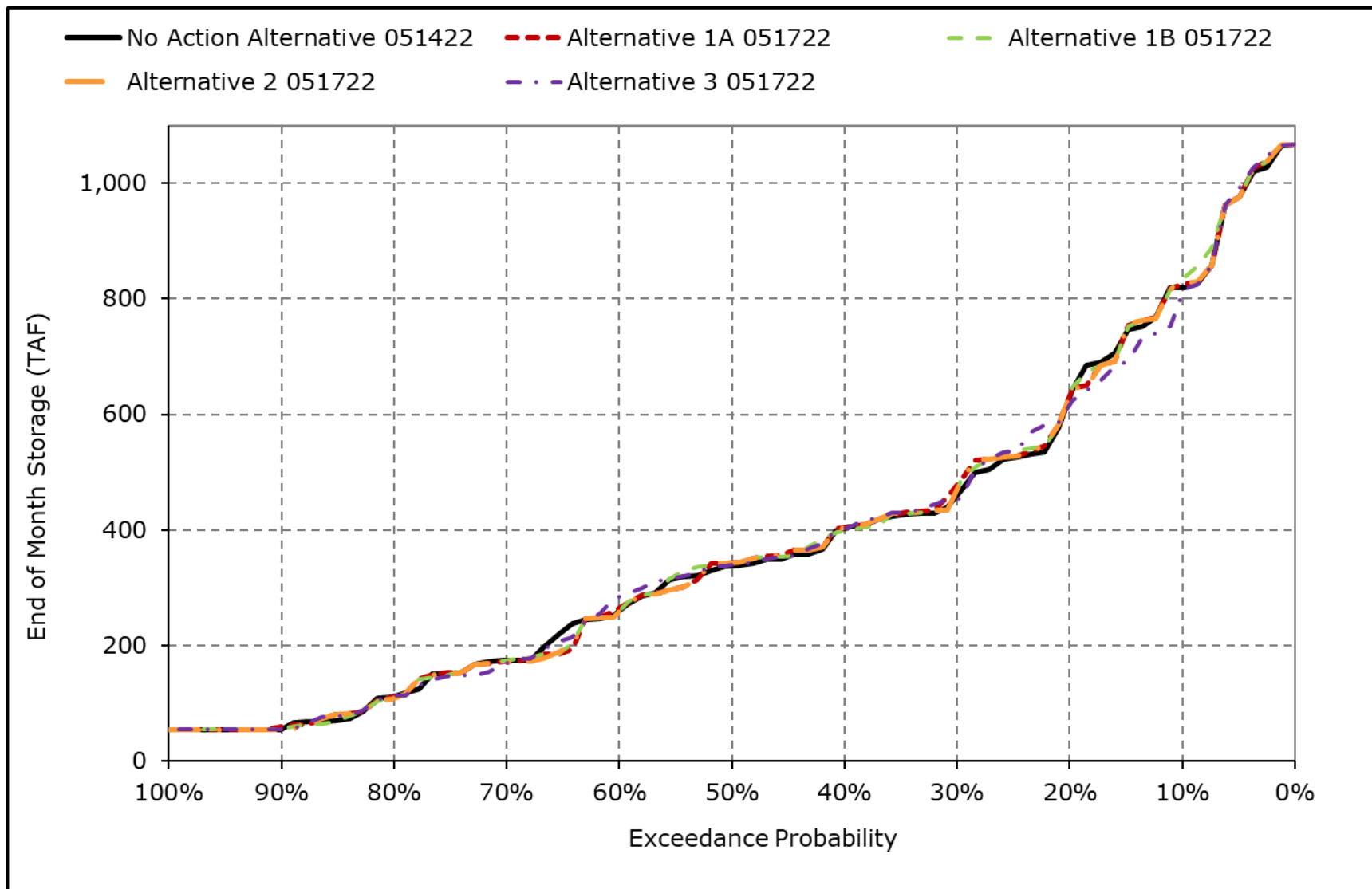
<sup>a</sup> Based on the 82-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

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

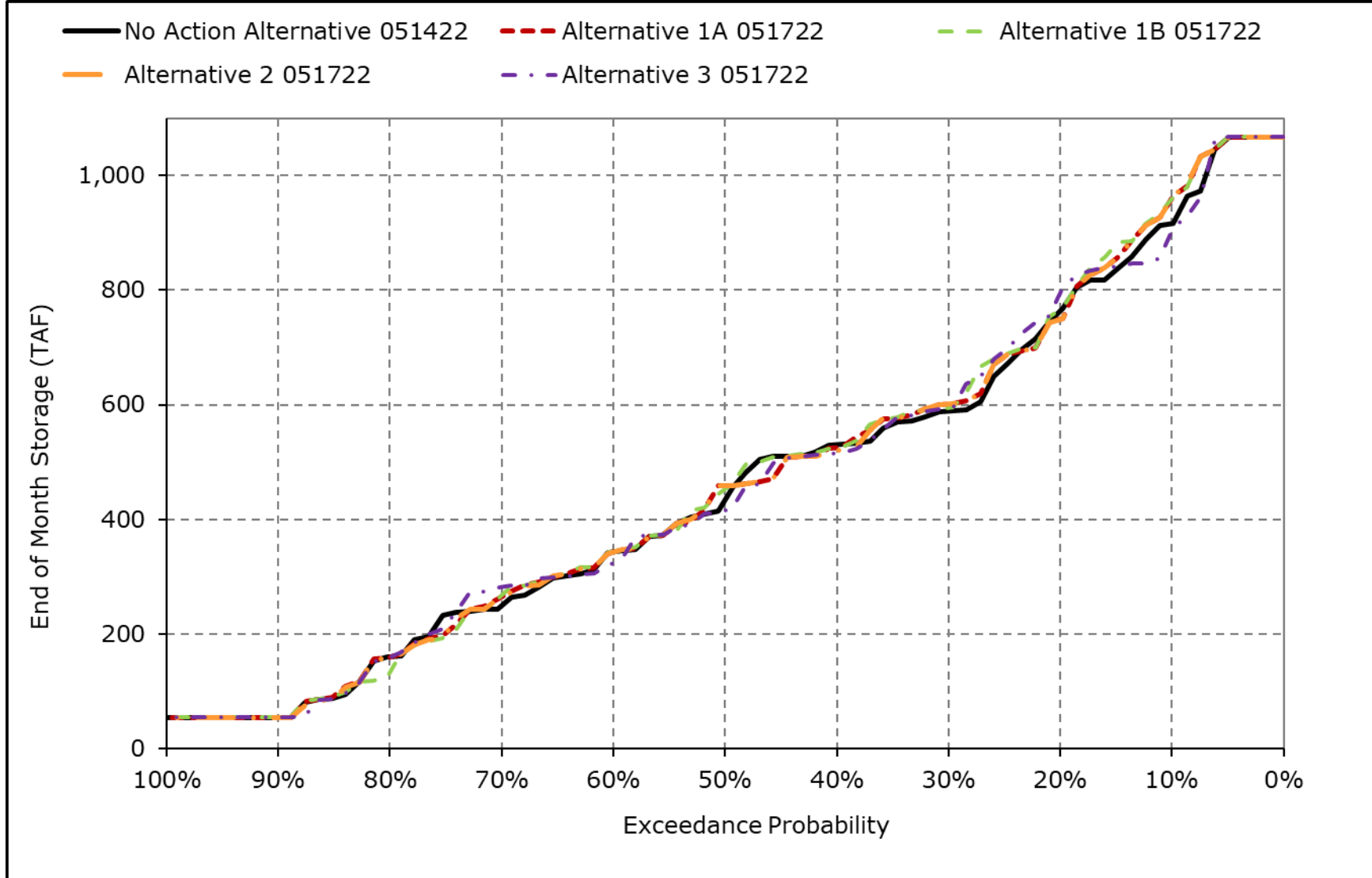
\* Water Year Types results are displayed with calendar year - year type sorting.

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



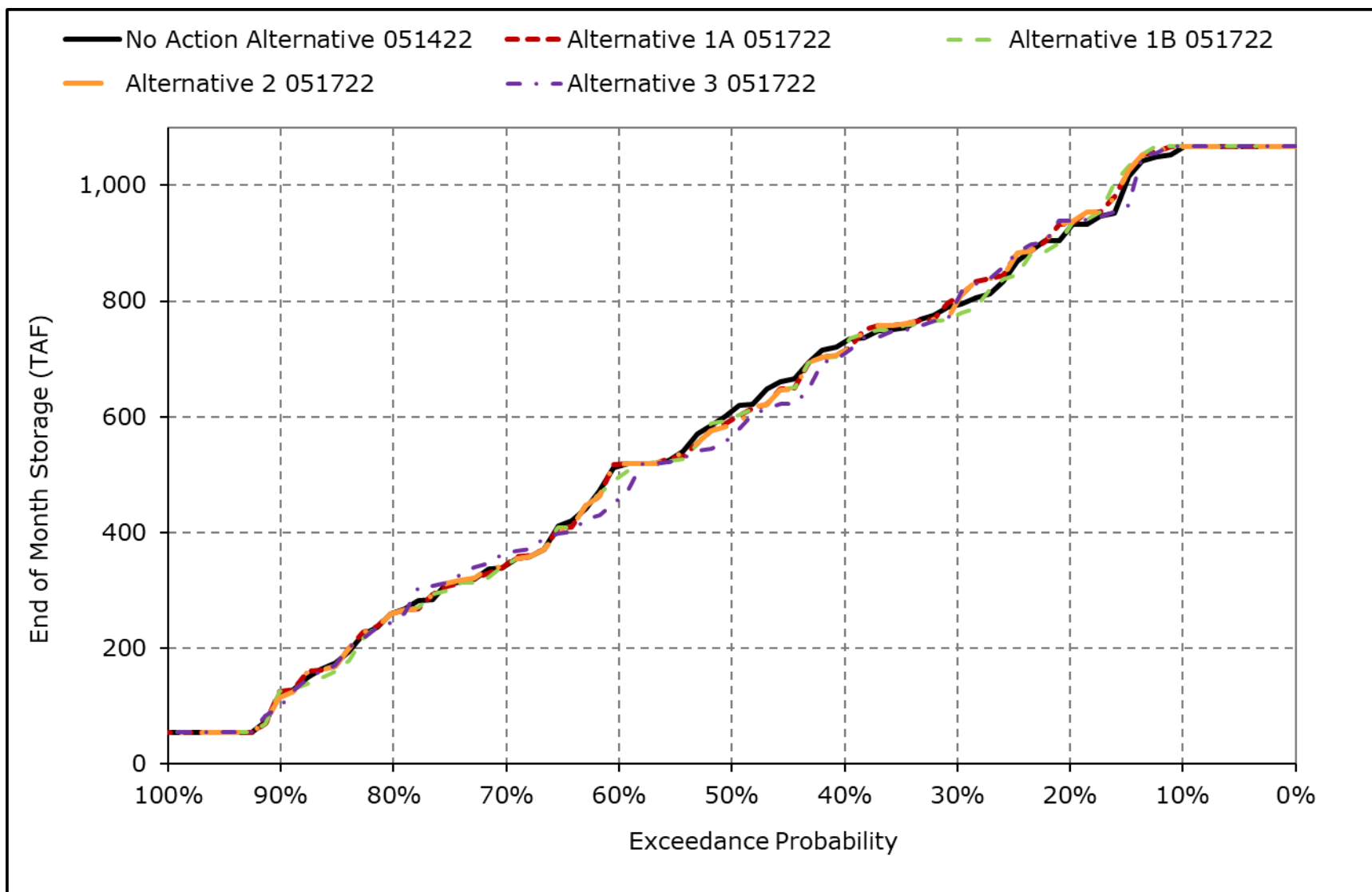
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



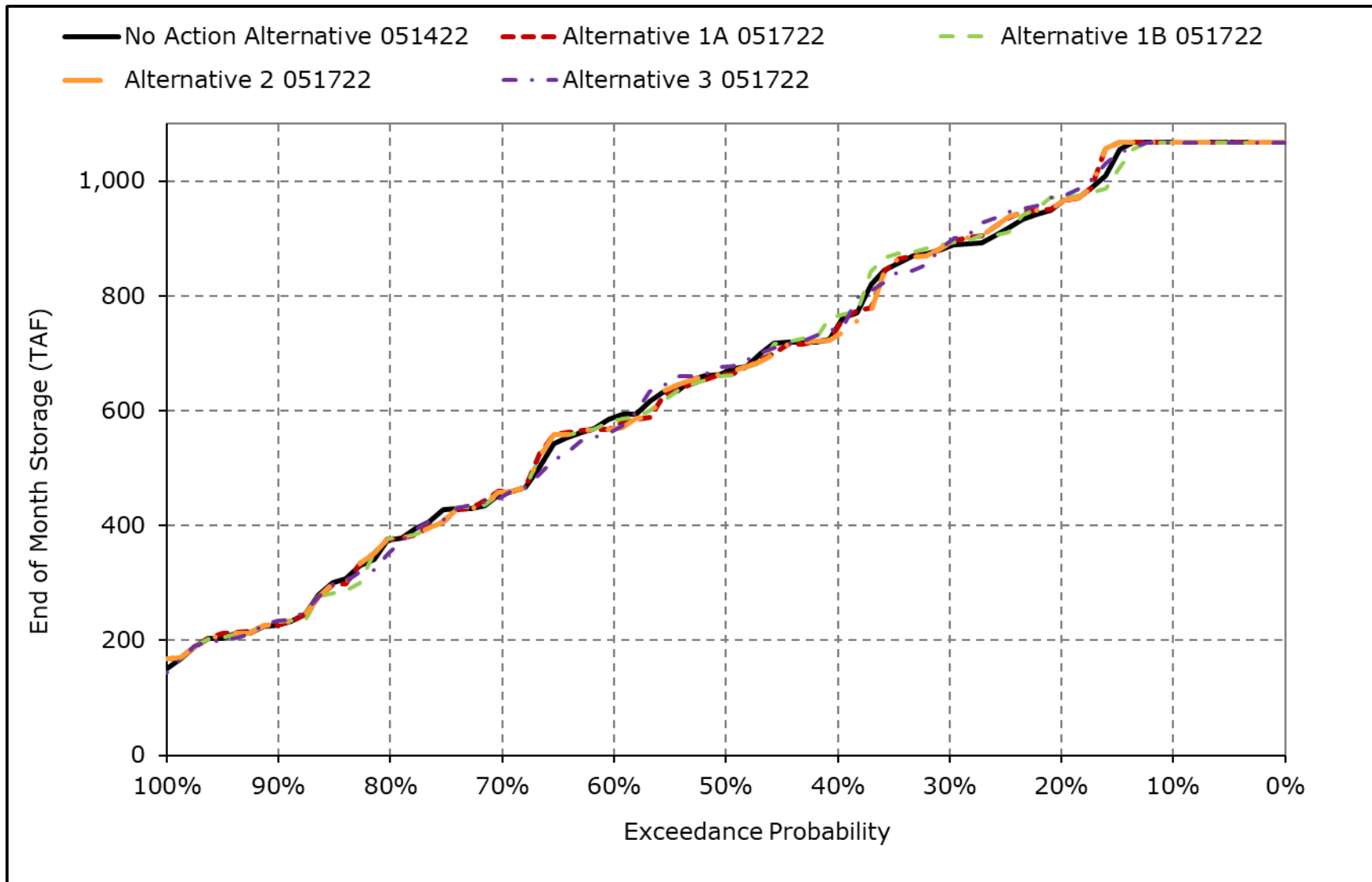
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



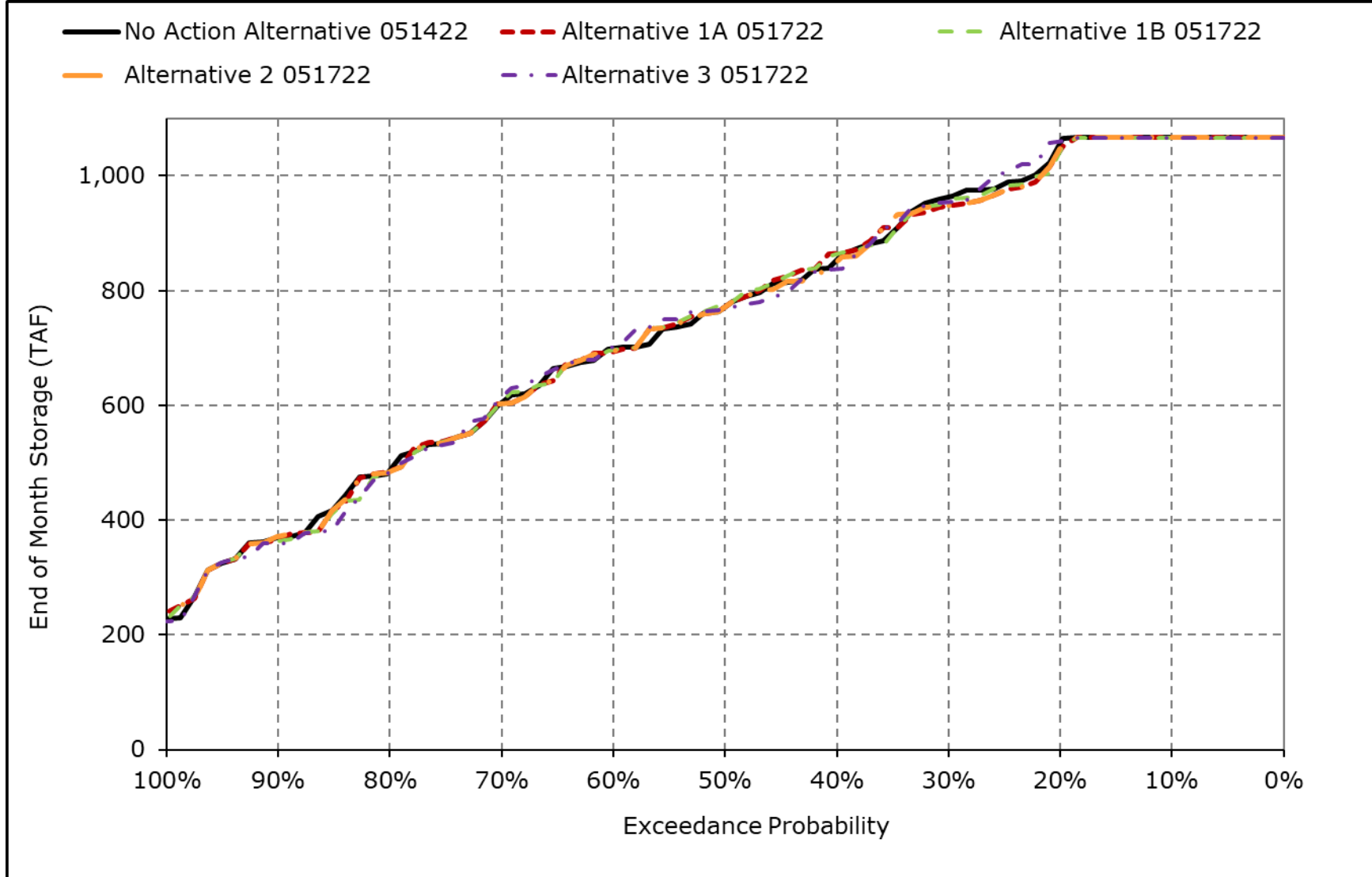
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



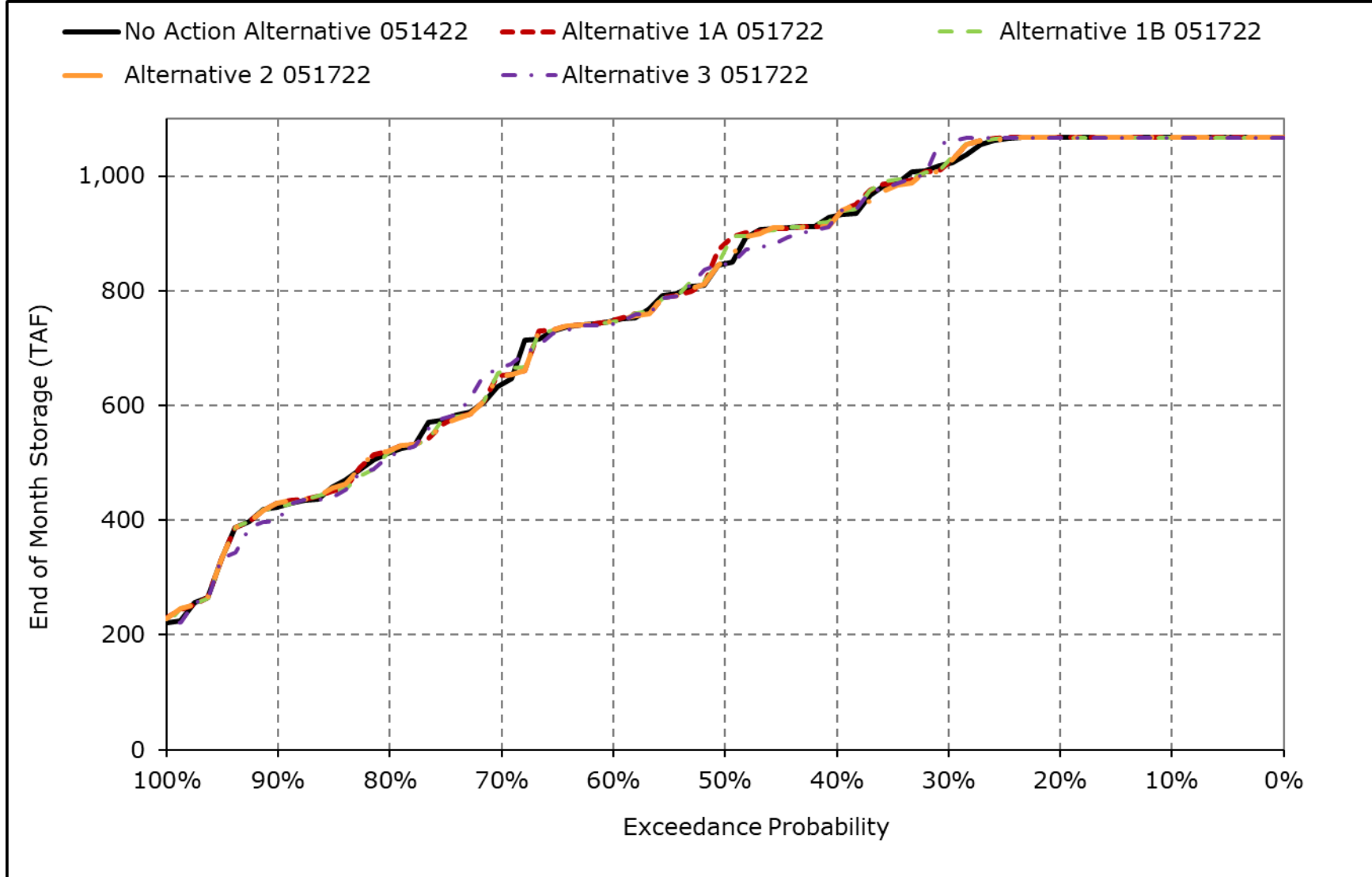
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

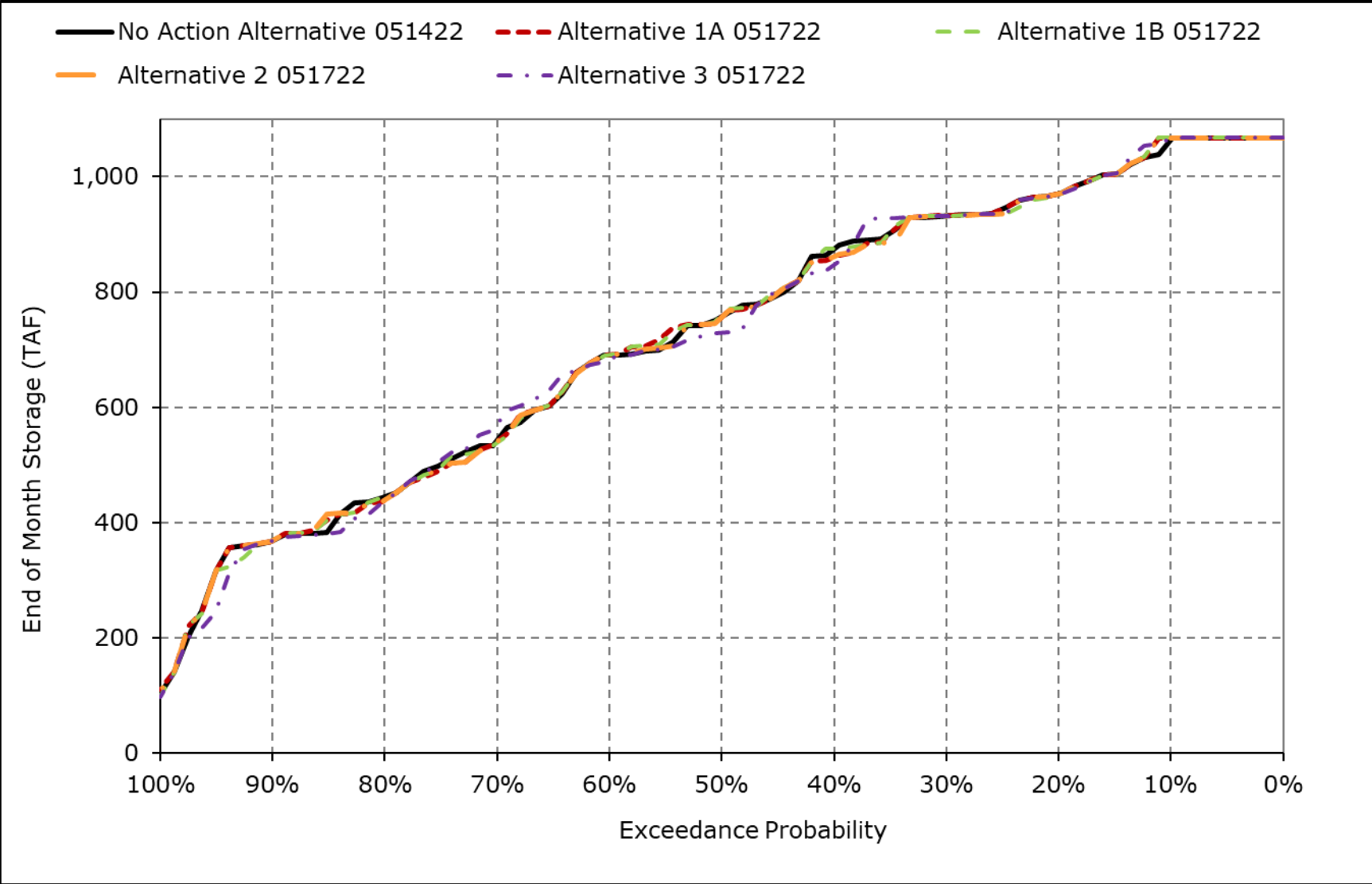
**Figure 5B4-11-6. San Luis SWP Storage, March**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

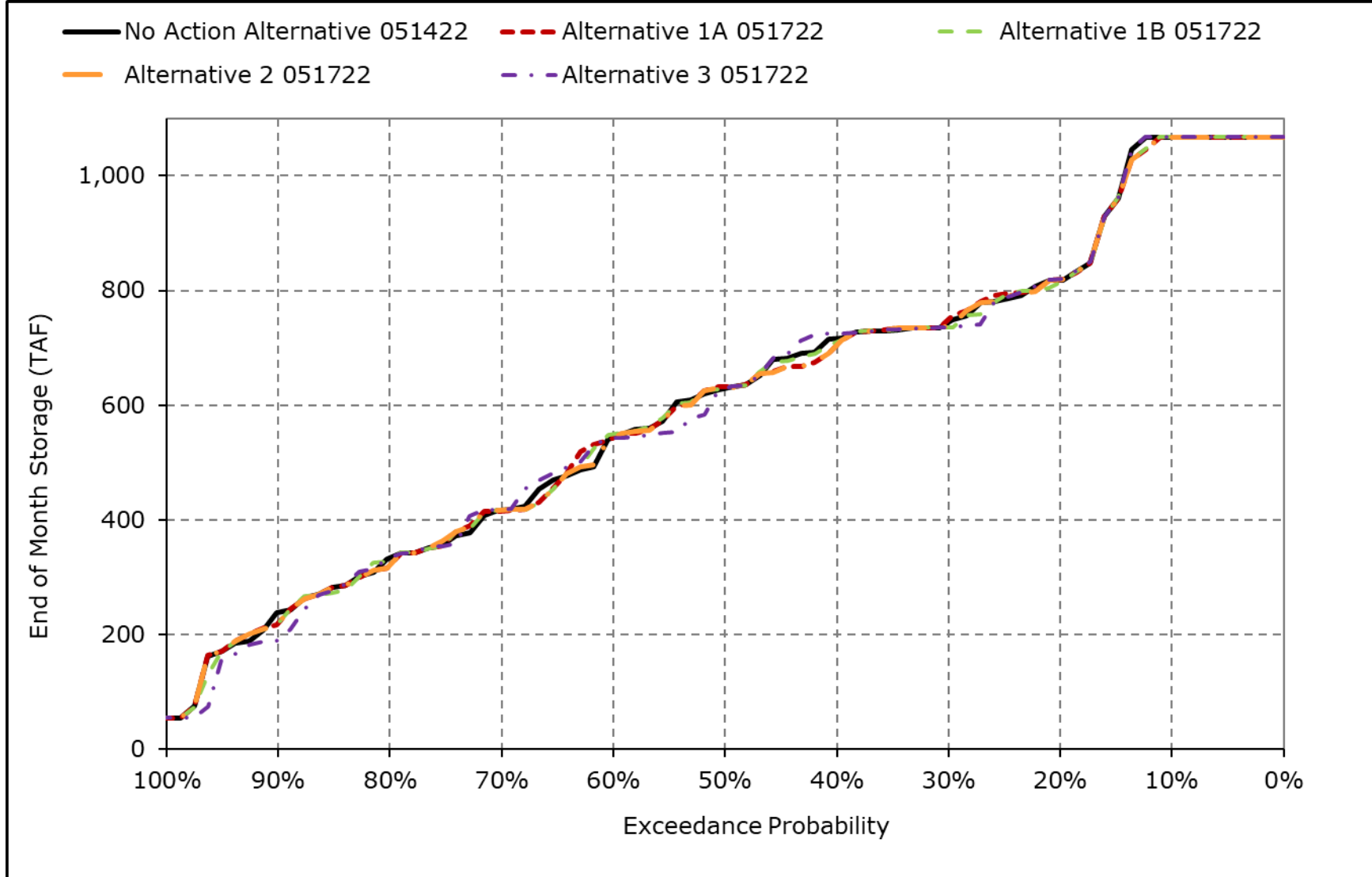


**Figure 5B4-11-7. San Luis SWP Storage, April**



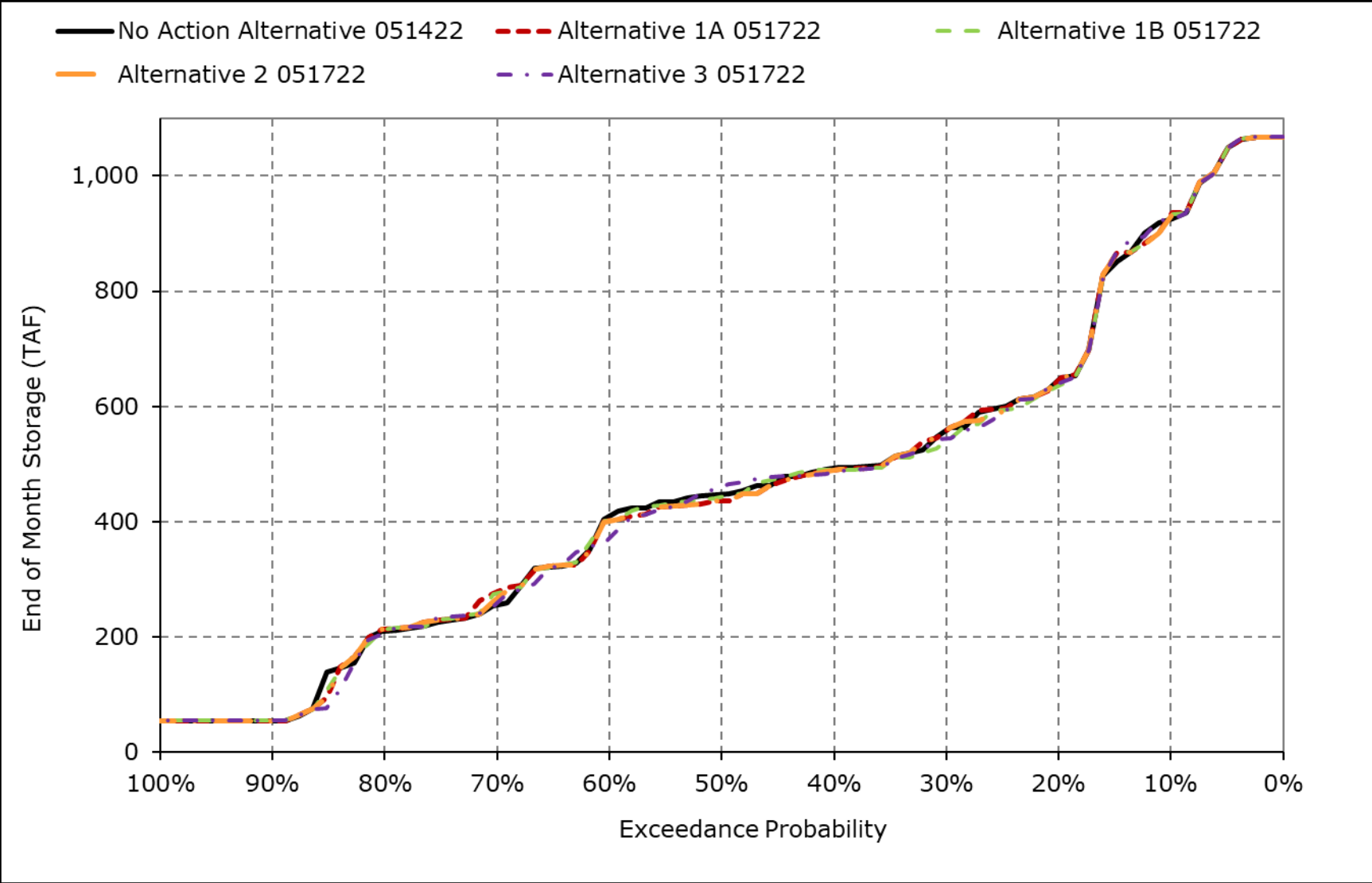
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



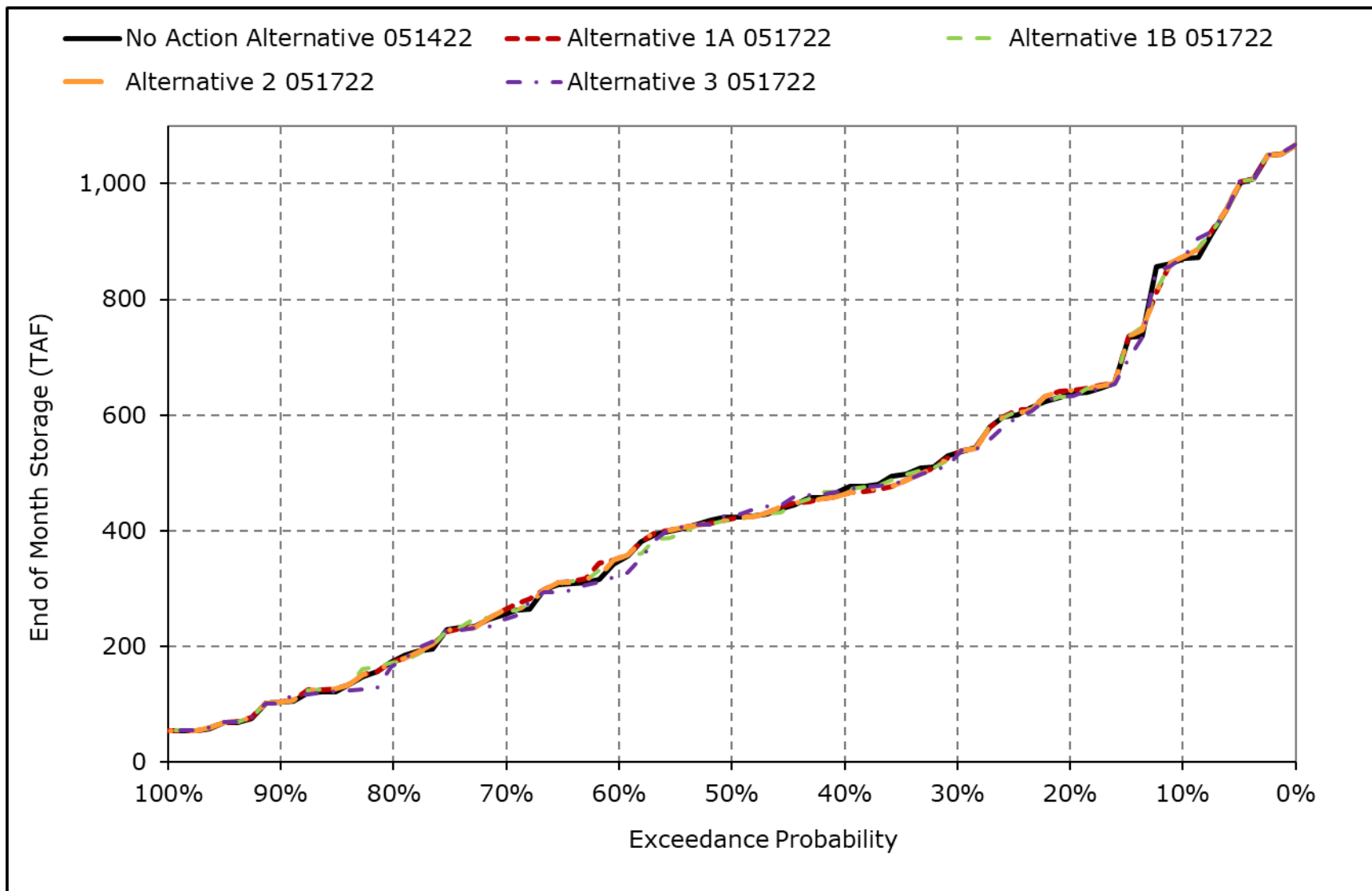
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



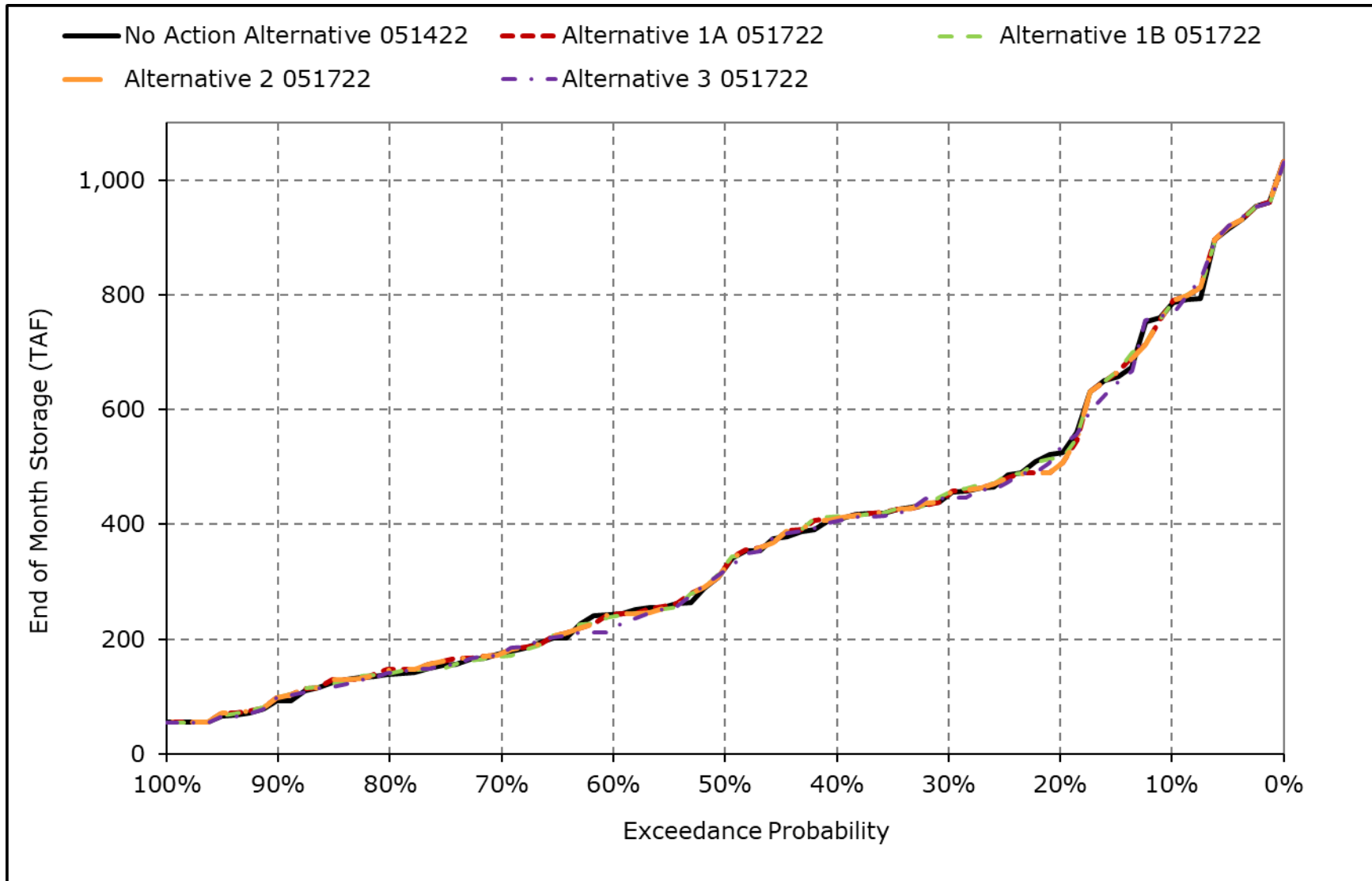
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



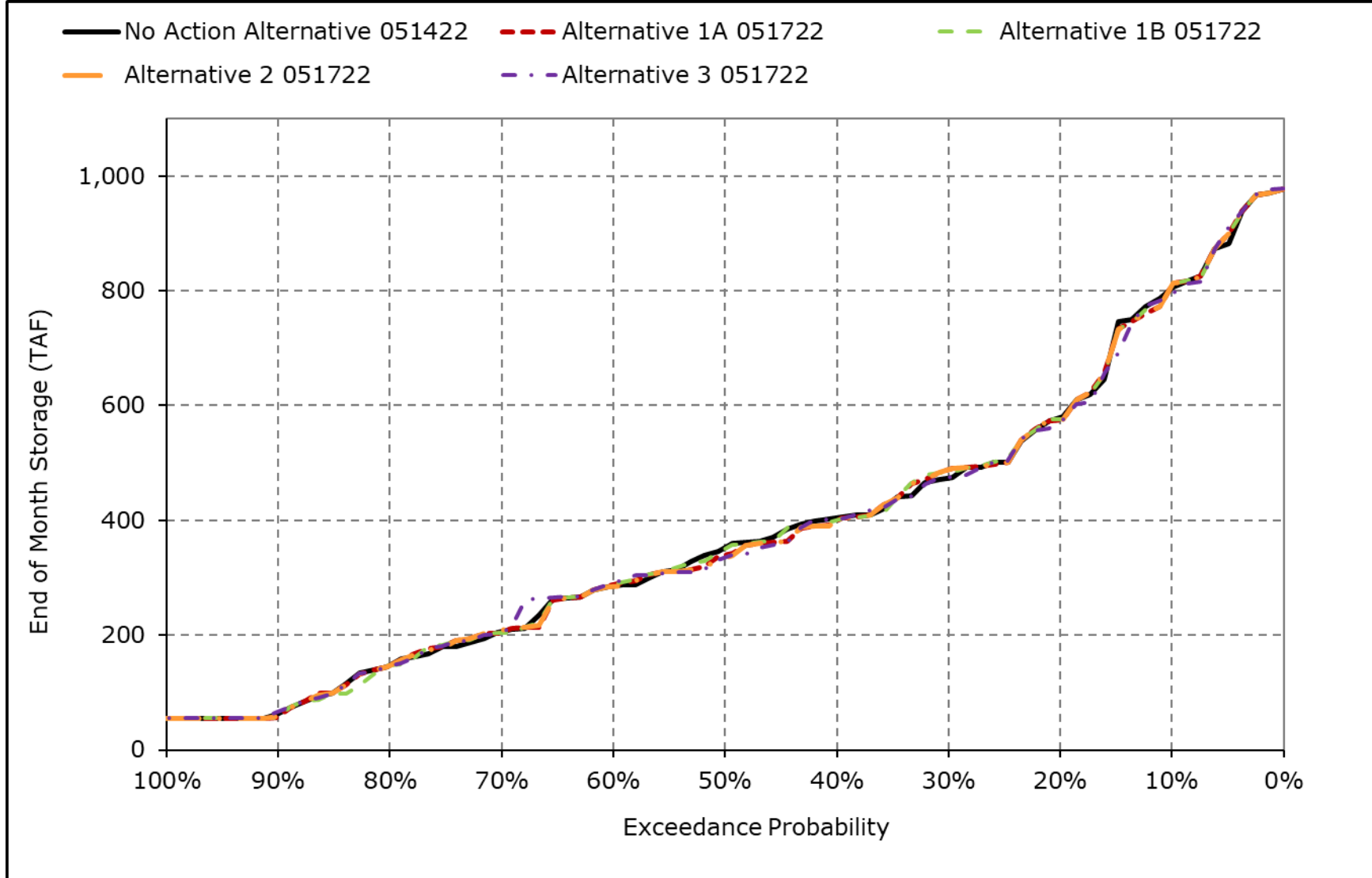
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

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



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.