

Appendix F, Modeling

Attachment F.2-3

CalSim 3 – Diversion

F.2.3-1 Results

The following results of the CalSim 3 model with 2022 Median climate conditions and 15 cm sea level rise are included for diversion at key project locations for the following alternatives:

- No Action Alternative 090723 (NAA)
- Alt1 090923 (Alt1)
- Alt2woTUCPwoVA 091324 (Alt2woTUCPwoVA)
- Alt2woTUCPDeltaVA 091324 (Alt2woTUCPDelatVA)
- Alt2woTUCPAllVA 091324 (Alt2woTUCPAllVA)
- Alt2wTUCPwoVA 091324 (Alt2wTUCPwoVA)
- Alt3 092423 (ALT3)
- Alt4 091624 (Alt4)
- Action 5 052125 (action 5)

Section	Output Parameters	Table Numbers	Figure Numbers
Diversion	Trinity Import–Clear Creek Tunnel	F.2.3-1-1a to F.2.3-1-8c	F.2.3-1-1 to F.2.3-1-18
Diversion	Red Bluff Diversion–Tehama Colusa Canal	F.2.3-2-1a to F.2.3-2-8c	F.2.3-2-1 to F.2.3-2-18
Diversion	Hamilton City Diversion–Glenn Colusa Canal	F.2.3-3-1a to F.2.3-3-8c	F.2.3-3-1 to F.2.3-3-18
Diversion	Folsom South Canal Diversion	F.2.3-4-1a to F.2.3-4-8c	F.2.3-4-1 to F.2.3-4-18

Section	Output Parameters	Table Numbers	Figure Numbers
Diversion	Friant-Kern Canal Diversion	F.2.3-5-1a to F.2.3-5-8c	F.2.3-5-1 to F.2.3-5-18
Diversion	Madera Canal Diversion	F.2.3-6-1a to F.2.3-6-8c	F.2.3-6-1 to F.2.3-6-18
Diversion	DCC Flow	F.2.3-7-1a to F.2.3-7-8c	F.2.3-7-1 to F.2.3-7-18
Diversion	Total Delta Exports	F.2.3-8-1a to F.2.3-8-8c	F.2.3-8-1 to F.2.3-8-18
Diversion	Jones PP Exports	F.2.3-9-1a to F.2.3-9-8c	F.2.3-9-1 to F.2.3-9-18
Diversion	CVP Banks PP Exports	F.2.3-10-1a to F.2.3-10-8c	F.2.3-10-1 to F.2.3-10-18
Diversion	SWP Banks PP Exports	F.2.3-11-1a to F.2.3-11-8c	F.2.3-11-1 to F.2.3-11-18
Diversion	DMC-CA Intertie Flow	F.2.3-12-1a to F.2.3-12-8c	F.2.3-12-1 to F.2.3-12-18

F.2.3-2 Report Formats

Reports include monthly tables, monthly pattern charts, and monthly exceedance charts.

- Monthly tables include a comparison of an alternative and the No Action Alternative (exceedance values, long-term average, and average by water year type) by subtracting the values in the No Action Alternative table (the table presented at the top of the page) from the values in the alternative table (the second table from the top of the page).
- Monthly pattern charts (long-term average and average by water year type) present all alternatives.
- Monthly exceedance charts (all months) present all alternatives.

F.2.3-3 Trinity Import - Clear Creek Tunnel

Table F.2.3-3-1 a. Trinity Import - Clear Creek Tunnel, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,545	857	223	1,031	539	758	881	637	1,944	3,300	3,112	2,473
20% Exceedance	1,197	223	163	195	185	478	492	490	1,285	2,615	2,597	2,139
30% Exceedance	1,000	1	77	50	66	361	446	282	946	2,143	2,394	1,798
40% Exceedance	838	0	0	0	0	278	380	170	590	1,433	2,001	1,604
50% Exceedance	729	0	0	0	0	125	331	90	377	1,085	1,769	1,344
60% Exceedance	557	0	0	0	0	0	291	31	280	687	1,462	1,042
70% Exceedance	431	0	0	0	0	0	199	0	213	502	1,071	700
80% Exceedance	361	0	0	0	0	0	0	0	160	242	560	309
90% Exceedance	77	0	0	0	0	0	0	0	27	145	195	64
Full Simulation Period Average^a	778	213	92	273	170	301	389	246	729	1,375	1,665	1,280
Extremely Wet Years (6.9%)	1,553	810	389	438	365	736	140	374	14	1,015	898	1,654
Wet Years (28.7%)	1,144	394	117	247	122	274	321	110	376	1,017	1,692	1,561
Normal Years (18.8%)	687	108	78	83	73	194	298	126	508	1,222	1,863	1,217
Dry Years (30.7%)	512	46	32	226	166	279	482	271	1,029	1,752	1,644	1,170
Critically Dry Years (13.9%)	254	1	33	603	312	337	575	569	1,456	1,670	1,771	845

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-1 b. Trinity Import - Clear Creek Tunnel, ALT1, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,579	1,145	228	1,169	250	831	739	807	1,859	3,300	3,042	2,300
20% Exceedance	1,363	274	69	203	14	506	496	474	1,273	2,807	2,540	1,875
30% Exceedance	1,005	0	1	0	0	304	391	252	828	2,249	2,194	1,725
40% Exceedance	849	0	0	0	0	122	289	153	559	1,591	1,972	1,569
50% Exceedance	688	0	0	0	0	22	238	75	362	1,341	1,801	1,339
60% Exceedance	564	0	0	0	0	0	186	0	154	911	1,450	1,003
70% Exceedance	445	0	0	0	0	0	109	0	25	678	1,028	569
80% Exceedance	319	0	0	0	0	0	0	0	0	295	565	230
90% Exceedance	46	0	0	0	0	0	0	0	0	106	94	0
Full Simulation Period Average^a	785	229	95	307	100	290	331	260	667	1,486	1,634	1,202
Extremely Wet Years (6.9%)	1,596	845	396	438	365	736	140	373	7	963	876	1,640
Wet Years (28.7%)	1,060	439	131	280	126	251	310	88	244	1,096	1,638	1,318
Normal Years (18.8%)	855	80	112	92	18	246	211	202	430	1,336	1,760	911
Dry Years (30.7%)	499	68	16	213	60	228	394	263	989	1,848	1,695	1,323
Critically Dry Years (13.9%)	262	0	14	797	116	344	494	635	1,487	1,954	1,699	871

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-1 c. Trinity Import - Clear Creek Tunnel, ALT1 Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	34	288	5	138	-289	73	-141	170	-85	0	-70	-172
20% Exceedance	166	50	-94	8	-171	29	4	-16	-12	192	-57	-264
30% Exceedance	5	-1	-76	-49	-66	-57	-55	-29	-117	106	-201	-72
40% Exceedance	11	0	0	0	0	-156	-91	-17	-32	158	-28	-35
50% Exceedance	-41	0	0	0	0	-103	-93	-15	-15	256	33	-5
60% Exceedance	6	0	0	0	0	0	-105	-31	-126	224	-12	-39
70% Exceedance	13	0	0	0	0	0	-90	0	-189	176	-43	-130
80% Exceedance	-43	0	0	0	0	0	0	0	-160	53	6	-79
90% Exceedance	-30	0	0	0	0	0	0	0	-27	-39	-101	-64
Full Simulation Period Average^a	7	17	4	34	-70	-12	-58	15	-62	111	-31	-78
Extremely Wet Years (6.9%)	43	35	7	0	0	0	0	-1	-7	-52	-22	-14
Wet Years (28.7%)	-84	45	14	32	4	-24	-11	-22	-132	79	-54	-243
Normal Years (18.8%)	168	-28	33	9	-55	52	-87	76	-79	114	-102	-306
Dry Years (30.7%)	-13	22	-16	-12	-106	-51	-87	-8	-40	96	51	153
Critically Dry Years (13.9%)	8	-1	-19	193	-197	8	-81	66	31	285	-71	26

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-2 a. Trinity Import - Clear Creek Tunnel, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,545	857	223	1,031	539	758	881	637	1,944	3,300	3,112	2,473
20% Exceedance	1,197	223	163	195	185	478	492	490	1,285	2,615	2,597	2,139
30% Exceedance	1,000	1	77	50	66	361	446	282	946	2,143	2,394	1,798
40% Exceedance	838	0	0	0	0	278	380	170	590	1,433	2,001	1,604
50% Exceedance	729	0	0	0	0	125	331	90	377	1,085	1,769	1,344
60% Exceedance	557	0	0	0	0	0	291	31	280	687	1,462	1,042
70% Exceedance	431	0	0	0	0	0	199	0	213	502	1,071	700
80% Exceedance	361	0	0	0	0	0	0	0	160	242	560	309
90% Exceedance	77	0	0	0	0	0	0	0	27	145	195	64
Full Simulation Period Average^a	778	213	92	273	170	301	389	246	729	1,375	1,665	1,280
Extremely Wet Years (6.9%)	1,553	810	389	438	365	736	140	374	14	1,015	898	1,654
Wet Years (28.7%)	1,144	394	117	247	122	274	321	110	376	1,017	1,692	1,561
Normal Years (18.8%)	687	108	78	83	73	194	298	126	508	1,222	1,863	1,217
Dry Years (30.7%)	512	46	32	226	166	279	482	271	1,029	1,752	1,644	1,170
Critically Dry Years (13.9%)	254	1	33	603	312	337	575	569	1,456	1,670	1,771	845

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-2 b. Trinity Import - Clear Creek Tunnel, Alt2woTUCPwoVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,557	1,180	257	1,057	229	831	879	1,250	1,977	3,300	3,178	2,278
20% Exceedance	1,289	79	211	205	160	515	498	607	1,092	2,855	2,734	1,988
30% Exceedance	987	18	96	119	11	371	465	360	811	2,367	2,447	1,759
40% Exceedance	758	0	0	16	0	296	395	200	531	1,423	1,967	1,564
50% Exceedance	628	0	0	0	0	149	355	132	337	870	1,706	1,271
60% Exceedance	527	0	0	0	0	5	323	62	266	643	1,417	1,009
70% Exceedance	431	0	0	0	0	0	217	0	132	376	1,012	694
80% Exceedance	330	0	0	0	0	0	44	0	80	192	508	267
90% Exceedance	46	0	0	0	0	0	0	0	0	102	188	0
Full Simulation Period Average^a	761	219	111	282	159	335	396	349	674	1,369	1,680	1,221
Extremely Wet Years (6.9%)	1,574	791	391	438	365	730	140	422	85	954	865	1,652
Wet Years (28.7%)	1,134	449	116	250	101	272	298	155	329	1,008	1,785	1,427
Normal Years (18.8%)	648	50	126	95	40	192	306	249	435	1,319	1,980	1,136
Dry Years (30.7%)	494	54	65	269	135	387	496	423	935	1,711	1,610	1,167
Critically Dry Years (13.9%)	236	2	33	554	391	343	625	688	1,432	1,638	1,619	817

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-2 c. Trinity Import - Clear Creek Tunnel, Alt2woTUCPwoVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	12	323	34	26	-310	73	-1	613	33	0	66	-194
20% Exceedance	92	-144	48	9	-25	37	6	117	-193	240	137	-151
30% Exceedance	-13	17	19	70	-55	9	18	78	-134	225	53	-39
40% Exceedance	-79	0	0	16	0	18	15	30	-59	-10	-34	-41
50% Exceedance	-101	0	0	0	0	24	24	43	-39	-215	-63	-73
60% Exceedance	-30	0	0	0	0	5	32	31	-14	-44	-45	-34
70% Exceedance	-1	0	0	0	0	0	18	0	-82	-125	-59	-5
80% Exceedance	-31	0	0	0	0	0	44	0	-81	-50	-52	-42
90% Exceedance	-30	0	0	0	0	0	0	0	-27	-44	-7	-64
Full Simulation Period Average^a	-17	6	19	9	-11	33	6	104	-55	-6	15	-59
Extremely Wet Years (6.9%)	21	-19	1	0	0	-6	0	48	71	-60	-33	-1
Wet Years (28.7%)	-10	55	-1	2	-21	-2	-24	45	-47	-9	93	-134
Normal Years (18.8%)	-39	-58	48	12	-33	-2	8	123	-73	97	117	-81
Dry Years (30.7%)	-18	8	33	43	-30	109	15	153	-94	-41	-34	-2
Critically Dry Years (13.9%)	-18	1	0	-49	78	7	49	119	-24	-32	-151	-28

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-3 a. Trinity Import - Clear Creek Tunnel, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,545	857	223	1,031	539	758	881	637	1,944	3,300	3,112	2,473
20% Exceedance	1,197	223	163	195	185	478	492	490	1,285	2,615	2,597	2,139
30% Exceedance	1,000	1	77	50	66	361	446	282	946	2,143	2,394	1,798
40% Exceedance	838	0	0	0	0	278	380	170	590	1,433	2,001	1,604
50% Exceedance	729	0	0	0	0	125	331	90	377	1,085	1,769	1,344
60% Exceedance	557	0	0	0	0	0	291	31	280	687	1,462	1,042
70% Exceedance	431	0	0	0	0	0	199	0	213	502	1,071	700
80% Exceedance	361	0	0	0	0	0	0	0	160	242	560	309
90% Exceedance	77	0	0	0	0	0	0	0	27	145	195	64
Full Simulation Period Average^a	778	213	92	273	170	301	389	246	729	1,375	1,665	1,280
Extremely Wet Years (6.9%)	1,553	810	389	438	365	736	140	374	14	1,015	898	1,654
Wet Years (28.7%)	1,144	394	117	247	122	274	321	110	376	1,017	1,692	1,561
Normal Years (18.8%)	687	108	78	83	73	194	298	126	508	1,222	1,863	1,217
Dry Years (30.7%)	512	46	32	226	166	279	482	271	1,029	1,752	1,644	1,170
Critically Dry Years (13.9%)	254	1	33	603	312	337	575	569	1,456	1,670	1,771	845

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-3 b. Trinity Import - Clear Creek Tunnel, Alt2wTUCPwoVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,557	1,178	257	1,057	295	831	707	1,240	1,976	3,300	3,178	2,280
20% Exceedance	1,288	189	212	214	161	537	495	570	1,098	2,832	2,736	1,988
30% Exceedance	988	27	116	122	11	366	465	359	800	2,367	2,447	1,763
40% Exceedance	778	0	1	25	0	288	389	189	536	1,493	2,002	1,565
50% Exceedance	645	0	0	0	0	128	349	108	349	869	1,693	1,271
60% Exceedance	537	0	0	0	0	6	299	55	277	657	1,394	1,020
70% Exceedance	445	0	0	0	0	0	218	0	135	384	1,013	732
80% Exceedance	323	0	0	0	0	0	5	0	82	192	404	269
90% Exceedance	36	0	0	0	0	0	0	0	0	104	188	76
Full Simulation Period Average^a	764	223	114	288	162	335	354	333	679	1,384	1,674	1,236
Extremely Wet Years (6.9%)	1,574	791	391	438	365	730	140	422	85	954	865	1,652
Wet Years (28.7%)	1,138	449	116	271	101	272	297	155	329	1,054	1,821	1,441
Normal Years (18.8%)	645	50	123	95	40	192	307	167	436	1,323	1,979	1,135
Dry Years (30.7%)	500	68	77	269	144	389	376	420	950	1,713	1,617	1,200
Critically Dry Years (13.9%)	236	2	33	556	389	343	593	687	1,433	1,638	1,484	818

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-3 c. Trinity Import - Clear Creek Tunnel, Alt2wTUCPwoVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	12	321	34	26	-244	73	-174	603	32	0	66	-192
20% Exceedance	91	-34	49	19	-24	59	4	80	-187	217	139	-151
30% Exceedance	-12	26	39	72	-55	4	18	77	-145	225	53	-35
40% Exceedance	-60	0	1	25	0	11	9	19	-54	60	2	-40
50% Exceedance	-84	0	0	0	0	3	18	18	-28	-216	-76	-73
60% Exceedance	-20	0	0	0	0	6	8	24	-3	-30	-67	-22
70% Exceedance	14	0	0	0	0	0	18	0	-78	-117	-58	32
80% Exceedance	-38	0	0	0	0	0	5	0	-78	-50	-155	-40
90% Exceedance	-40	0	0	0	0	0	0	0	-27	-41	-8	12
Full Simulation Period Average^a	-14	11	22	16	-8	34	-36	87	-50	9	9	-45
Extremely Wet Years (6.9%)	22	-19	1	0	0	-6	0	48	71	-61	-33	-1
Wet Years (28.7%)	-6	55	-1	23	-21	-2	-24	45	-47	37	128	-120
Normal Years (18.8%)	-41	-58	45	12	-33	-2	9	42	-72	101	117	-82
Dry Years (30.7%)	-12	22	45	43	-22	110	-106	150	-79	-39	-27	31
Critically Dry Years (13.9%)	-18	1	0	-47	77	6	18	118	-23	-31	-286	-27

^a Based on the 100-year simulation period.

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* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-4 a. Trinity Import - Clear Creek Tunnel, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,545	857	223	1,031	539	758	881	637	1,944	3,300	3,112	2,473
20% Exceedance	1,197	223	163	195	185	478	492	490	1,285	2,615	2,597	2,139
30% Exceedance	1,000	1	77	50	66	361	446	282	946	2,143	2,394	1,798
40% Exceedance	838	0	0	0	0	278	380	170	590	1,433	2,001	1,604
50% Exceedance	729	0	0	0	0	125	331	90	377	1,085	1,769	1,344
60% Exceedance	557	0	0	0	0	0	291	31	280	687	1,462	1,042
70% Exceedance	431	0	0	0	0	0	199	0	213	502	1,071	700
80% Exceedance	361	0	0	0	0	0	0	0	160	242	560	309
90% Exceedance	77	0	0	0	0	0	0	0	27	145	195	64
Full Simulation Period Average^a	778	213	92	273	170	301	389	246	729	1,375	1,665	1,280
Extremely Wet Years (6.9%)	1,553	810	389	438	365	736	140	374	14	1,015	898	1,654
Wet Years (28.7%)	1,144	394	117	247	122	274	321	110	376	1,017	1,692	1,561
Normal Years (18.8%)	687	108	78	83	73	194	298	126	508	1,222	1,863	1,217
Dry Years (30.7%)	512	46	32	226	166	279	482	271	1,029	1,752	1,644	1,170
Critically Dry Years (13.9%)	254	1	33	603	312	337	575	569	1,456	1,670	1,771	845

^a Based on the 100-year simulation period.

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

Table F.2.3-3-4 b. Trinity Import - Clear Creek Tunnel, Alt2woTUCPDeltaVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,557	1,190	256	1,057	249	831	864	1,204	1,689	3,300	3,293	2,325
20% Exceedance	1,276	90	211	214	162	531	499	639	1,180	2,807	2,819	1,973
30% Exceedance	977	21	100	119	28	370	455	377	833	2,301	2,540	1,690
40% Exceedance	773	0	0	12	0	289	395	227	571	1,526	1,908	1,490
50% Exceedance	629	0	0	0	0	162	358	133	338	864	1,670	1,308
60% Exceedance	549	0	0	0	0	16	313	68	269	629	1,362	1,030
70% Exceedance	446	0	0	0	0	0	225	0	132	329	1,048	719
80% Exceedance	330	0	0	0	0	0	43	0	80	199	543	312
90% Exceedance	126	0	0	0	0	0	0	0	0	104	188	92
Full Simulation Period Average^a	768	221	103	287	146	334	397	355	670	1,373	1,694	1,237
Extremely Wet Years (6.9%)	1,572	793	390	438	365	730	140	418	83	956	866	1,652
Wet Years (28.7%)	1,133	437	116	250	104	274	300	168	328	979	1,797	1,454
Normal Years (18.8%)	676	79	94	94	40	196	313	243	404	1,317	2,021	1,135
Dry Years (30.7%)	501	54	60	268	81	383	488	443	948	1,758	1,622	1,191
Critically Dry Years (13.9%)	240	4	34	591	409	341	638	667	1,417	1,621	1,607	819

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-4 c. Trinity Import - Clear Creek Tunnel, Alt2woTUCPDeltaVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	11	332	33	26	-290	73	-16	567	-255	0	181	-148
20% Exceedance	78	-133	48	19	-23	53	7	149	-105	192	222	-165
30% Exceedance	-23	20	23	70	-38	9	9	95	-112	158	146	-107
40% Exceedance	-65	0	0	12	0	11	14	57	-19	93	-93	-114
50% Exceedance	-99	0	0	0	0	37	28	43	-39	-221	-99	-36
60% Exceedance	-8	0	0	0	0	16	22	37	-11	-58	-99	-12
70% Exceedance	15	0	0	0	0	0	25	0	-82	-173	-23	19
80% Exceedance	-31	0	0	0	0	0	43	0	-81	-43	-17	3
90% Exceedance	49	0	0	0	0	0	0	0	-27	-41	-7	28
Full Simulation Period Average^a	-9	9	11	14	-24	33	7	109	-59	-2	28	-43
Extremely Wet Years (6.9%)	19	-17	1	0	0	-6	0	44	69	-58	-32	-1
Wet Years (28.7%)	-11	43	-1	2	-18	-1	-21	58	-48	-38	105	-106
Normal Years (18.8%)	-11	-30	16	11	-34	2	15	117	-104	95	158	-82
Dry Years (30.7%)	-11	8	28	42	-84	105	6	172	-81	6	-22	21
Critically Dry Years (13.9%)	-14	3	1	-12	97	5	62	98	-38	-49	-164	-26

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-5 a. Trinity Import - Clear Creek Tunnel, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,545	857	223	1,031	539	758	881	637	1,944	3,300	3,112	2,473
20% Exceedance	1,197	223	163	195	185	478	492	490	1,285	2,615	2,597	2,139
30% Exceedance	1,000	1	77	50	66	361	446	282	946	2,143	2,394	1,798
40% Exceedance	838	0	0	0	0	278	380	170	590	1,433	2,001	1,604
50% Exceedance	729	0	0	0	0	125	331	90	377	1,085	1,769	1,344
60% Exceedance	557	0	0	0	0	0	291	31	280	687	1,462	1,042
70% Exceedance	431	0	0	0	0	0	199	0	213	502	1,071	700
80% Exceedance	361	0	0	0	0	0	0	0	160	242	560	309
90% Exceedance	77	0	0	0	0	0	0	0	27	145	195	64
Full Simulation Period Average^a	778	213	92	273	170	301	389	246	729	1,375	1,665	1,280
Extremely Wet Years (6.9%)	1,553	810	389	438	365	736	140	374	14	1,015	898	1,654
Wet Years (28.7%)	1,144	394	117	247	122	274	321	110	376	1,017	1,692	1,561
Normal Years (18.8%)	687	108	78	83	73	194	298	126	508	1,222	1,863	1,217
Dry Years (30.7%)	512	46	32	226	166	279	482	271	1,029	1,752	1,644	1,170
Critically Dry Years (13.9%)	254	1	33	603	312	337	575	569	1,456	1,670	1,771	845

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-5 b. Trinity Import - Clear Creek Tunnel, Alt2woTUCPAIIVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,537	1,213	247	1,057	253	831	882	1,232	1,683	3,300	3,270	2,266
20% Exceedance	1,229	64	186	214	154	527	499	640	1,181	2,757	2,813	1,958
30% Exceedance	980	21	101	104	5	377	467	419	944	2,196	2,526	1,712
40% Exceedance	800	0	0	12	0	295	395	262	547	1,388	1,978	1,509
50% Exceedance	633	0	0	0	0	171	355	157	341	907	1,689	1,235
60% Exceedance	536	0	0	0	0	17	302	86	303	644	1,402	999
70% Exceedance	453	0	0	0	0	0	215	0	132	359	1,019	697
80% Exceedance	326	0	0	0	0	0	0	0	82	177	568	223
90% Exceedance	47	0	0	0	0	0	0	0	15	104	188	22
Full Simulation Period Average^a	766	216	99	279	161	336	398	381	672	1,339	1,707	1,207
Extremely Wet Years (6.9%)	1,569	792	392	438	365	732	140	420	84	957	867	1,652
Wet Years (28.7%)	1,121	419	112	250	103	273	296	186	350	993	1,800	1,413
Normal Years (18.8%)	688	82	83	94	39	202	310	265	461	1,295	1,995	1,125
Dry Years (30.7%)	499	54	54	263	147	386	504	447	929	1,662	1,683	1,147
Critically Dry Years (13.9%)	238	4	40	550	378	343	622	776	1,351	1,596	1,597	803

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-5 c. Trinity Import - Clear Creek Tunnel, Alt2woTUCPAIIVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-8	356	24	26	-286	73	1	595	-261	0	157	-206
20% Exceedance	31	-159	23	19	-31	49	7	150	-103	142	216	-181
30% Exceedance	-20	20	24	54	-61	15	20	137	-1	53	131	-85
40% Exceedance	-37	0	0	12	0	17	14	92	-44	-45	-23	-96
50% Exceedance	-96	0	0	0	0	46	24	67	-36	-178	-80	-109
60% Exceedance	-21	0	0	0	0	17	11	55	23	-43	-60	-43
70% Exceedance	22	0	0	0	0	0	16	0	-82	-143	-52	-3
80% Exceedance	-35	0	0	0	0	0	0	0	-78	-65	8	-86
90% Exceedance	-30	0	0	0	0	0	0	0	-12	-41	-7	-42
Full Simulation Period Average^a	-12	4	8	7	-9	35	8	135	-57	-35	42	-73
Extremely Wet Years (6.9%)	16	-18	2	0	0	-4	0	46	70	-58	-31	-1
Wet Years (28.7%)	-23	25	-5	2	-19	-2	-25	76	-25	-24	108	-147
Normal Years (18.8%)	1	-27	5	11	-34	8	12	139	-47	73	133	-92
Dry Years (30.7%)	-13	8	22	37	-19	107	22	176	-100	-91	39	-23
Critically Dry Years (13.9%)	-16	3	7	-54	66	7	47	207	-105	-74	-174	-42

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-6 a. Trinity Import - Clear Creek Tunnel, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,545	857	223	1,031	539	758	881	637	1,944	3,300	3,112	2,473
20% Exceedance	1,197	223	163	195	185	478	492	490	1,285	2,615	2,597	2,139
30% Exceedance	1,000	1	77	50	66	361	446	282	946	2,143	2,394	1,798
40% Exceedance	838	0	0	0	0	278	380	170	590	1,433	2,001	1,604
50% Exceedance	729	0	0	0	0	125	331	90	377	1,085	1,769	1,344
60% Exceedance	557	0	0	0	0	0	291	31	280	687	1,462	1,042
70% Exceedance	431	0	0	0	0	0	199	0	213	502	1,071	700
80% Exceedance	361	0	0	0	0	0	0	0	160	242	560	309
90% Exceedance	77	0	0	0	0	0	0	0	27	145	195	64
Full Simulation Period Average^a	778	213	92	273	170	301	389	246	729	1,375	1,665	1,280
Extremely Wet Years (6.9%)	1,553	810	389	438	365	736	140	374	14	1,015	898	1,654
Wet Years (28.7%)	1,144	394	117	247	122	274	321	110	376	1,017	1,692	1,561
Normal Years (18.8%)	687	108	78	83	73	194	298	126	508	1,222	1,863	1,217
Dry Years (30.7%)	512	46	32	226	166	279	482	271	1,029	1,752	1,644	1,170
Critically Dry Years (13.9%)	254	1	33	603	312	337	575	569	1,456	1,670	1,771	845

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-6 b. Trinity Import - Clear Creek Tunnel, ALT3, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,654	661	264	1,002	650	831	801	500	1,433	2,688	3,030	2,210
20% Exceedance	1,132	35	220	278	195	532	557	376	995	2,200	2,556	1,978
30% Exceedance	985	8	117	165	81	384	485	231	816	1,736	2,265	1,771
40% Exceedance	882	0	2	52	0	271	445	181	591	1,497	2,080	1,607
50% Exceedance	761	0	0	0	0	153	400	147	371	1,330	1,844	1,419
60% Exceedance	589	0	0	0	0	11	365	113	236	906	1,544	1,224
70% Exceedance	431	0	0	0	0	0	303	55	184	476	1,123	838
80% Exceedance	285	0	0	0	0	0	159	5	124	229	497	385
90% Exceedance	0	0	0	0	0	0	0	0	28	118	148	71
Full Simulation Period Average^a	780	164	126	289	199	325	429	234	600	1,289	1,656	1,294
Extremely Wet Years (6.9%)	1,399	691	335	438	365	736	333	444	49	1,189	1,297	1,781
Wet Years (28.7%)	1,076	273	171	312	131	385	494	162	395	1,001	1,693	1,561
Normal Years (18.8%)	776	73	140	105	50	127	360	89	501	1,137	1,762	1,234
Dry Years (30.7%)	553	51	61	225	193	270	368	205	658	1,475	1,746	1,204
Critically Dry Years (13.9%)	279	2	42	560	469	385	575	541	1,304	1,729	1,419	778

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-6 c. Trinity Import - Clear Creek Tunnel, ALT3 Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	109	-196	41	-29	111	73	-80	-138	-511	-612	-83	-263
20% Exceedance	-65	-188	57	83	10	54	65	-114	-290	-415	-41	-161
30% Exceedance	-15	7	40	115	15	23	38	-51	-129	-406	-129	-26
40% Exceedance	44	0	2	52	0	-7	65	11	0	64	79	2
50% Exceedance	33	0	0	0	0	28	69	57	-5	245	75	75
60% Exceedance	32	0	0	0	0	11	74	82	-44	218	82	182
70% Exceedance	-1	0	0	0	0	0	103	55	-29	-26	51	138
80% Exceedance	-76	0	0	0	0	0	159	5	-36	-13	-63	76
90% Exceedance	-77	0	0	0	0	0	0	0	0	-27	-48	7
Full Simulation Period Average^a	2	-49	34	17	29	23	40	-11	-130	-86	-9	14
Extremely Wet Years (6.9%)	-154	-119	-54	0	0	0	193	70	35	174	399	128
Wet Years (28.7%)	-68	-121	54	64	9	111	172	52	19	-16	0	1
Normal Years (18.8%)	89	-35	62	22	-23	-67	61	-37	-7	-85	-101	17
Dry Years (30.7%)	41	4	29	-1	27	-9	-114	-65	-371	-277	102	35
Critically Dry Years (13.9%)	25	1	9	-43	157	49	-1	-28	-152	59	-351	-67

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-7 a. Trinity Import - Clear Creek Tunnel, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,545	857	223	1,031	539	758	881	637	1,944	3,300	3,112	2,473
20% Exceedance	1,197	223	163	195	185	478	492	490	1,285	2,615	2,597	2,139
30% Exceedance	1,000	1	77	50	66	361	446	282	946	2,143	2,394	1,798
40% Exceedance	838	0	0	0	0	278	380	170	590	1,433	2,001	1,604
50% Exceedance	729	0	0	0	0	125	331	90	377	1,085	1,769	1,344
60% Exceedance	557	0	0	0	0	0	291	31	280	687	1,462	1,042
70% Exceedance	431	0	0	0	0	0	199	0	213	502	1,071	700
80% Exceedance	361	0	0	0	0	0	0	0	160	242	560	309
90% Exceedance	77	0	0	0	0	0	0	0	27	145	195	64
Full Simulation Period Average^a	778	213	92	273	170	301	389	246	729	1,375	1,665	1,280
Extremely Wet Years (6.9%)	1,553	810	389	438	365	736	140	374	14	1,015	898	1,654
Wet Years (28.7%)	1,144	394	117	247	122	274	321	110	376	1,017	1,692	1,561
Normal Years (18.8%)	687	108	78	83	73	194	298	126	508	1,222	1,863	1,217
Dry Years (30.7%)	512	46	32	226	166	279	482	271	1,029	1,752	1,644	1,170
Critically Dry Years (13.9%)	254	1	33	603	312	337	575	569	1,456	1,670	1,771	845

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-7 b. Trinity Import - Clear Creek Tunnel, ALT4, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,530	1,434	278	1,172	508	889	678	608	1,918	3,002	2,961	2,283
20% Exceedance	1,046	506	234	243	173	536	496	440	1,292	2,587	2,514	1,856
30% Exceedance	935	27	127	128	34	366	462	291	862	1,966	2,200	1,743
40% Exceedance	802	0	0	25	0	288	389	189	671	1,434	1,963	1,496
50% Exceedance	670	0	0	0	0	118	356	118	375	1,043	1,761	1,135
60% Exceedance	558	0	0	0	0	0	298	67	236	746	1,388	994
70% Exceedance	432	0	0	0	0	0	213	0	132	519	1,063	676
80% Exceedance	293	0	0	0	0	0	0	0	66	226	477	303
90% Exceedance	50	0	0	0	0	0	0	0	0	104	188	40
Full Simulation Period Average^a	739	265	126	328	170	334	361	242	696	1,336	1,620	1,204
Extremely Wet Years (6.9%)	1,509	870	401	438	365	736	140	406	11	980	870	1,652
Wet Years (28.7%)	991	512	158	293	121	275	329	115	339	1,053	1,742	1,353
Normal Years (18.8%)	725	137	118	86	34	193	312	84	478	1,178	1,806	1,035
Dry Years (30.7%)	516	73	71	251	163	347	392	265	1,005	1,621	1,650	1,194
Critically Dry Years (13.9%)	255	4	44	848	373	417	534	586	1,391	1,686	1,425	923

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-7 c. Trinity Import - Clear Creek Tunnel, ALT4 Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-15	576	55	140	-31	131	-203	-29	-26	-298	-151	-189
20% Exceedance	-152	283	71	47	-12	59	4	-50	7	-29	-83	-282
30% Exceedance	-65	26	50	79	-32	5	15	9	-84	-177	-194	-55
40% Exceedance	-36	0	0	25	0	11	9	19	81	1	-38	-108
50% Exceedance	-58	0	0	0	0	-7	25	28	-2	-42	-8	-209
60% Exceedance	1	0	0	0	0	0	7	36	-44	59	-74	-49
70% Exceedance	0	0	0	0	0	0	13	0	-82	17	-9	-24
80% Exceedance	-68	0	0	0	0	0	0	0	-94	-16	-83	-6
90% Exceedance	-27	0	0	0	0	0	0	0	-27	-41	-8	-24
Full Simulation Period Average^a	-39	52	34	56	0	32	-29	-3	-33	-39	-45	-76
Extremely Wet Years (6.9%)	-44	61	12	0	0	0	0	32	-4	-35	-28	-1
Wet Years (28.7%)	-153	118	41	45	-1	1	7	5	-37	36	50	-208
Normal Years (18.8%)	38	28	40	3	-39	-1	14	-42	-30	-44	-57	-181
Dry Years (30.7%)	4	27	39	25	-2	68	-89	-5	-24	-131	6	24
Critically Dry Years (13.9%)	1	3	11	245	61	80	-41	17	-65	16	-345	78

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-8 a. Trinity Import - Clear Creek Tunnel, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,545	857	223	1,031	539	758	881	637	1,944	3,300	3,112	2,473
20% Exceedance	1,197	223	163	195	185	478	492	490	1,285	2,615	2,597	2,139
30% Exceedance	1,000	1	77	50	66	361	446	282	946	2,143	2,394	1,798
40% Exceedance	838	0	0	0	0	278	380	170	590	1,433	2,001	1,604
50% Exceedance	729	0	0	0	0	125	331	90	377	1,085	1,769	1,344
60% Exceedance	557	0	0	0	0	0	291	31	280	687	1,462	1,042
70% Exceedance	431	0	0	0	0	0	199	0	213	502	1,071	700
80% Exceedance	361	0	0	0	0	0	0	0	160	242	560	309
90% Exceedance	77	0	0	0	0	0	0	0	27	145	195	64
Full Simulation Period Average^a	778	213	92	273	170	301	389	246	729	1,375	1,665	1,280
Extremely Wet Years (6.9%)	1,553	810	389	438	365	736	140	374	14	1,015	898	1,654
Wet Years (28.7%)	1,144	394	117	247	122	274	321	110	376	1,017	1,692	1,561
Normal Years (18.8%)	687	108	78	83	73	194	298	126	508	1,222	1,863	1,217
Dry Years (30.7%)	512	46	32	226	166	279	482	271	1,029	1,752	1,644	1,170
Critically Dry Years (13.9%)	254	1	33	603	312	337	575	569	1,456	1,670	1,771	845

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-8 b. Trinity Import - Clear Creek Tunnel, Action 5, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,520	1,443	247	1,057	237	831	760	1,036	1,787	3,300	3,170	2,205
20% Exceedance	1,199	310	187	257	162	528	531	523	1,237	2,719	2,703	1,856
30% Exceedance	965	33	92	132	3	369	465	369	872	2,180	2,537	1,683
40% Exceedance	825	0	0	25	0	296	397	240	607	1,508	2,033	1,479
50% Exceedance	659	0	0	0	0	115	358	154	356	905	1,696	1,162
60% Exceedance	571	0	0	0	0	19	296	72	313	617	1,375	889
70% Exceedance	478	0	0	0	0	0	214	0	135	408	1,014	518
80% Exceedance	406	0	0	0	0	0	0	0	88	175	459	233
90% Exceedance	115	0	0	0	0	0	0	0	28	104	168	1
Full Simulation Period Average^a	775	260	101	304	123	332	365	339	701	1,337	1,671	1,166
Extremely Wet Years (6.9%)	1,523	830	397	438	365	733	140	419	96	946	865	1,652
Wet Years (28.7%)	1,095	476	118	283	104	272	333	192	355	983	1,804	1,257
Normal Years (18.8%)	698	144	81	94	31	177	313	215	517	1,272	1,973	1,005
Dry Years (30.7%)	551	96	54	228	79	388	382	364	947	1,653	1,660	1,221
Critically Dry Years (13.9%)	250	4	44	736	261	345	578	714	1,424	1,652	1,414	833

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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

Table F.2.3-3-8 c. Trinity Import - Clear Creek Tunnel, Action 5 Minus NAA, Monthly Diversion (cfs)

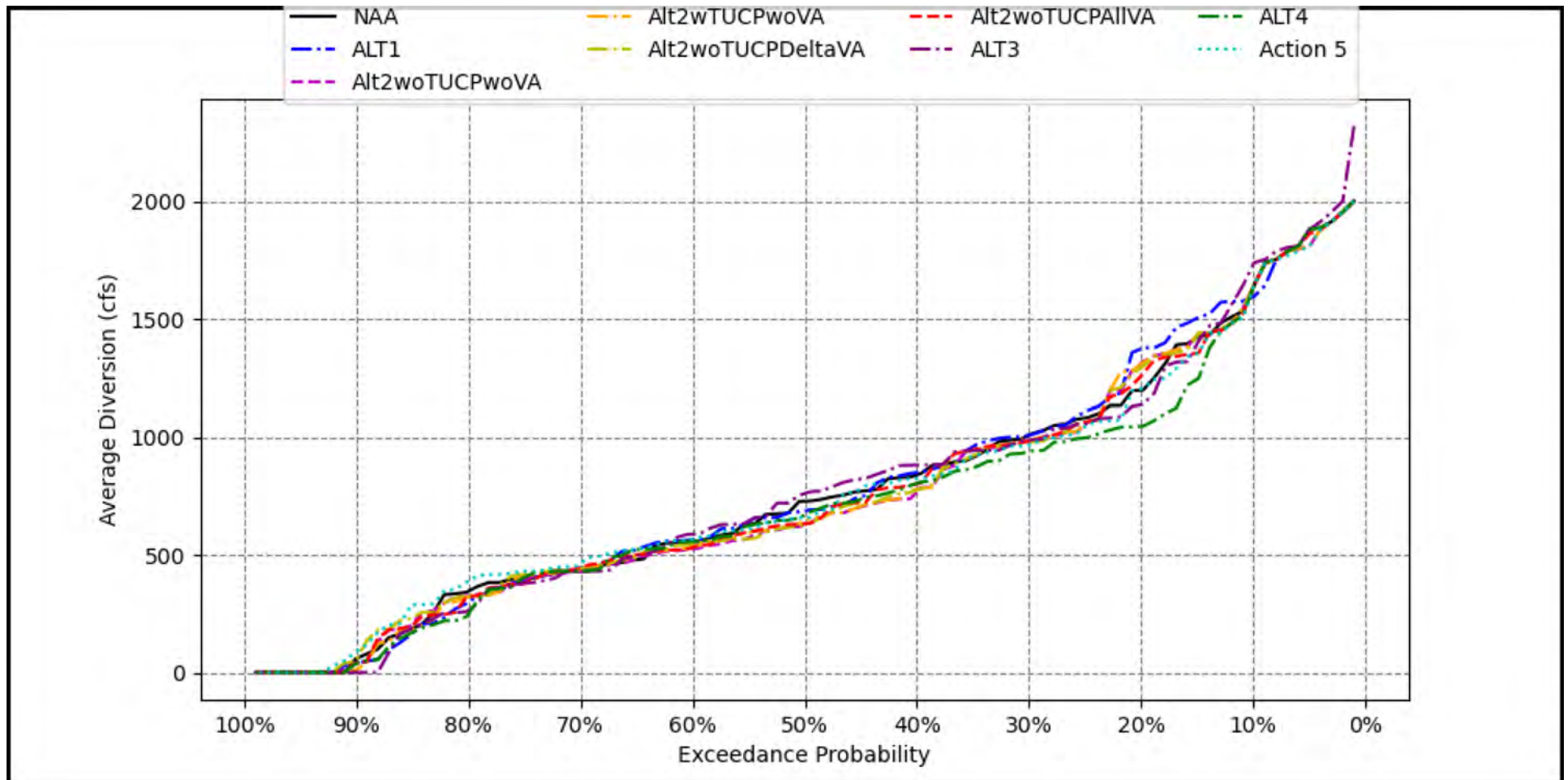
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-25	586	24	26	-302	73	-121	399	-157	0	58	-268
20% Exceedance	1	87	24	62	-23	50	39	33	-48	103	106	-282
30% Exceedance	-35	32	15	82	-63	8	18	87	-74	37	143	-114
40% Exceedance	-13	0	0	25	0	18	17	71	17	75	32	-126
50% Exceedance	-70	0	0	0	0	-10	27	64	-21	-180	-73	-182
60% Exceedance	13	0	0	0	0	19	5	41	33	-70	-87	-154
70% Exceedance	47	0	0	0	0	0	15	0	-78	-94	-57	-182
80% Exceedance	45	0	0	0	0	0	0	0	-72	-67	-100	-76
90% Exceedance	39	0	0	0	0	0	0	0	1	-41	-27	-63
Full Simulation Period Average^a	-3	48	10	32	-47	31	-24	93	-29	-38	6	-114
Extremely Wet Years (6.9%)	-30	20	8	0	0	-3	0	45	81	-69	-33	-1
Wet Years (28.7%)	-49	82	1	35	-18	-2	11	82	-21	-34	112	-304
Normal Years (18.8%)	11	35	3	11	-42	-17	15	90	9	50	111	-212
Dry Years (30.7%)	40	49	22	2	-86	109	-100	93	-82	-100	16	51
Critically Dry Years (13.9%)	-5	3	11	133	-51	9	3	145	-32	-17	-356	-12

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

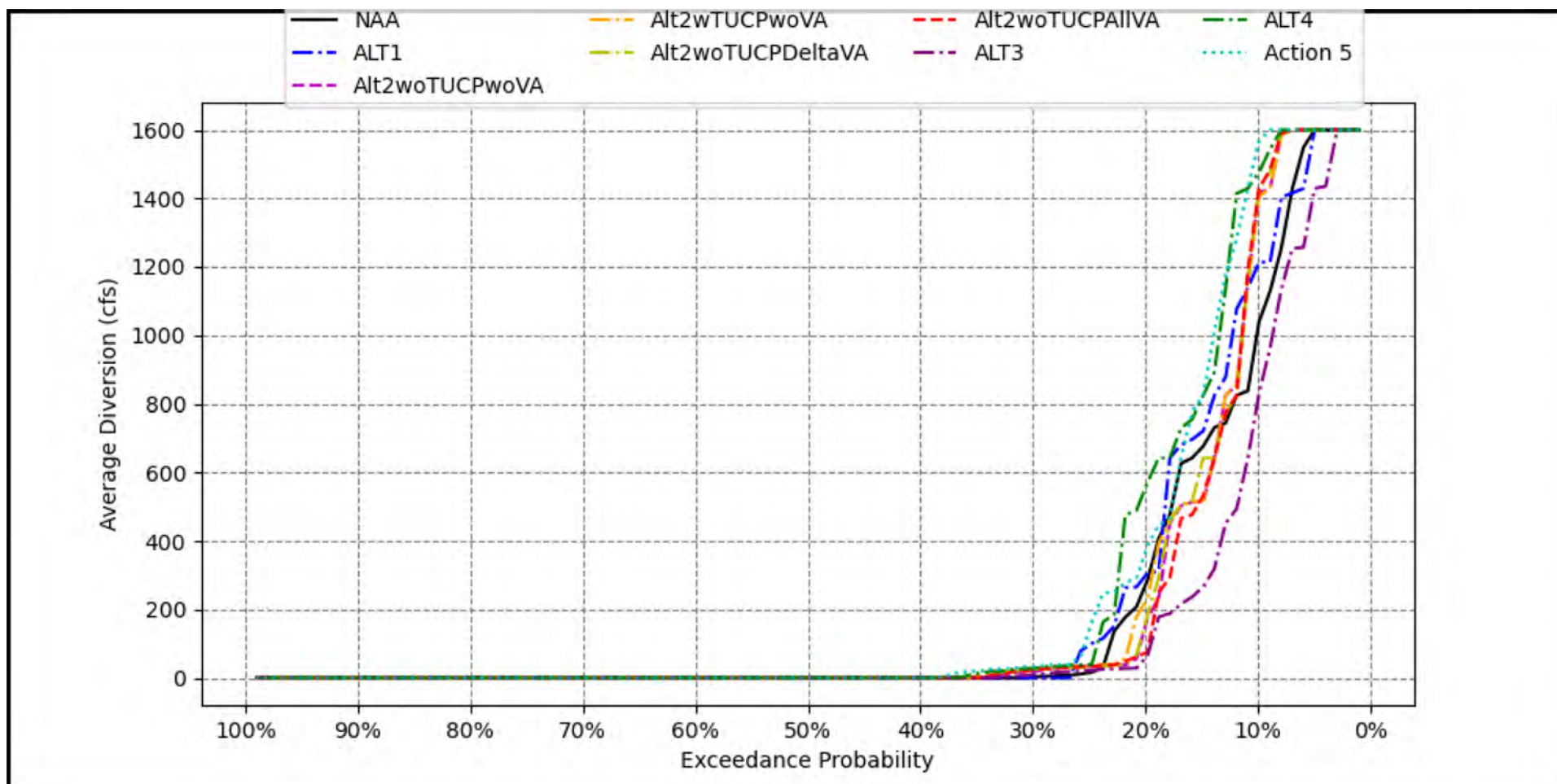
* Water Year Types defined by the Trinity Water Year Hydrologic Classification.

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



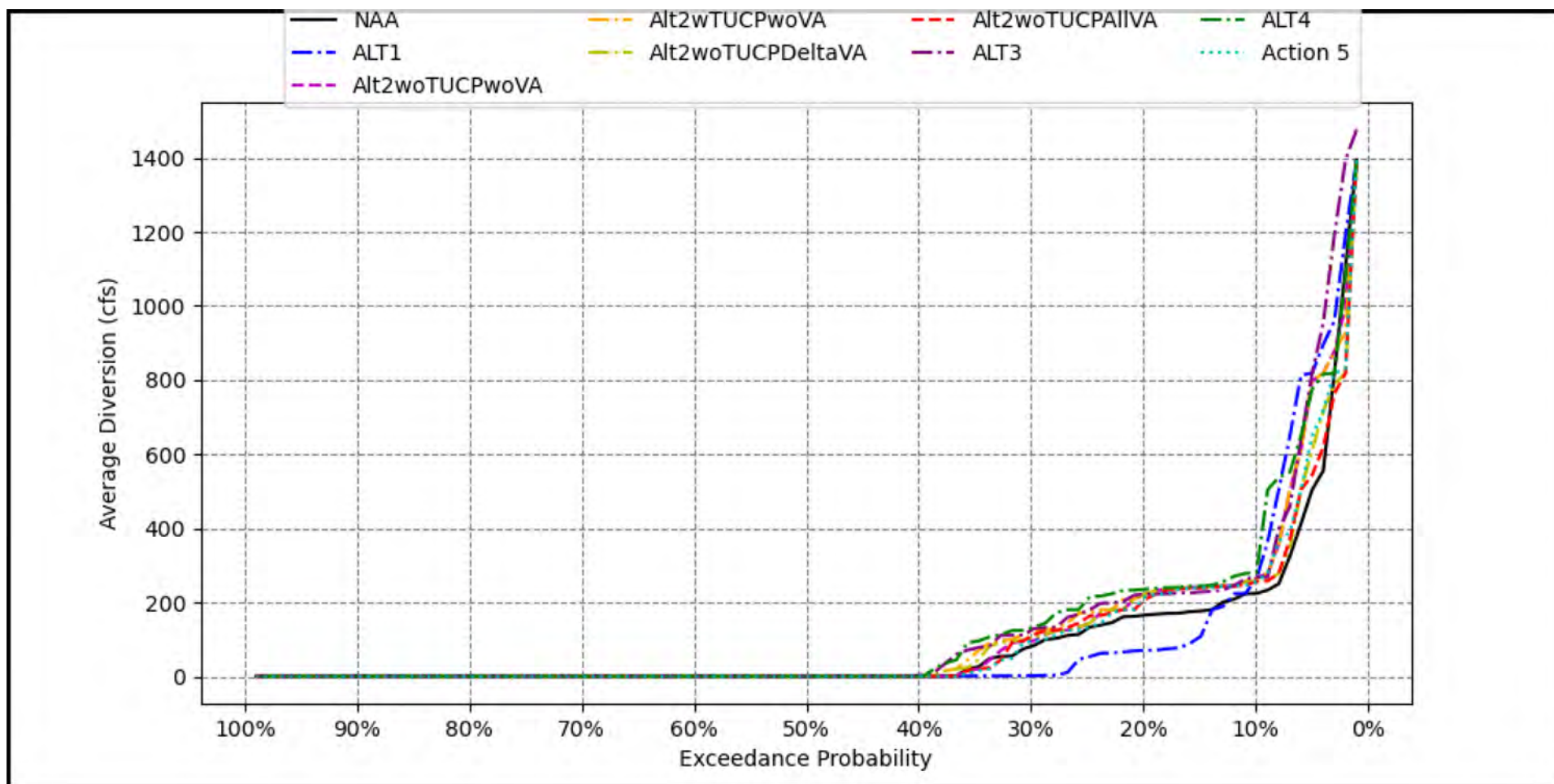
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-3-1 Trinity Import - Clear Creek Tunnel, October Diversion



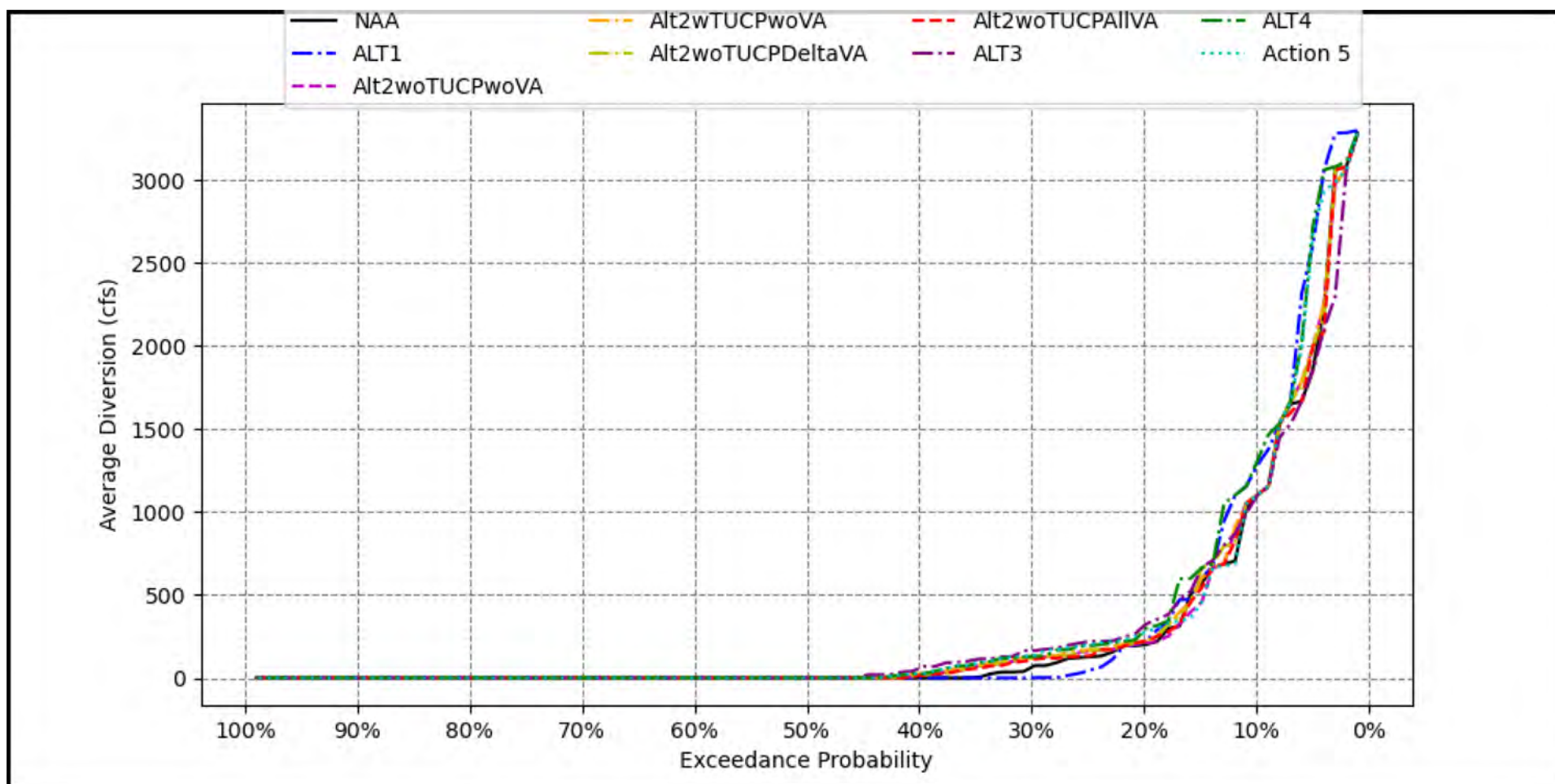
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-3-2 Trinity Import - Clear Creek Tunnel, November Diversion



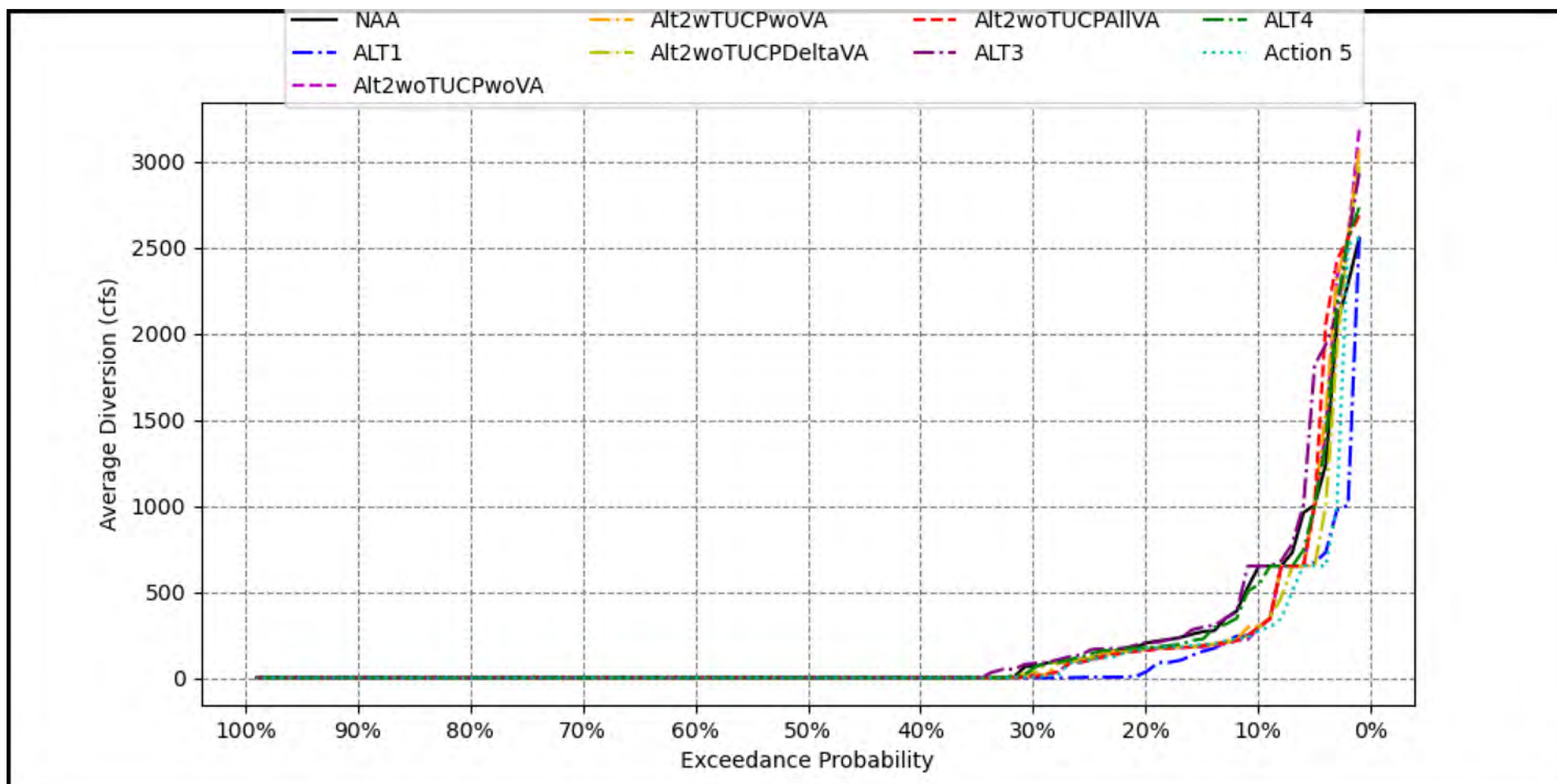
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-3-3 Trinity Import - Clear Creek Tunnel, December Diversion



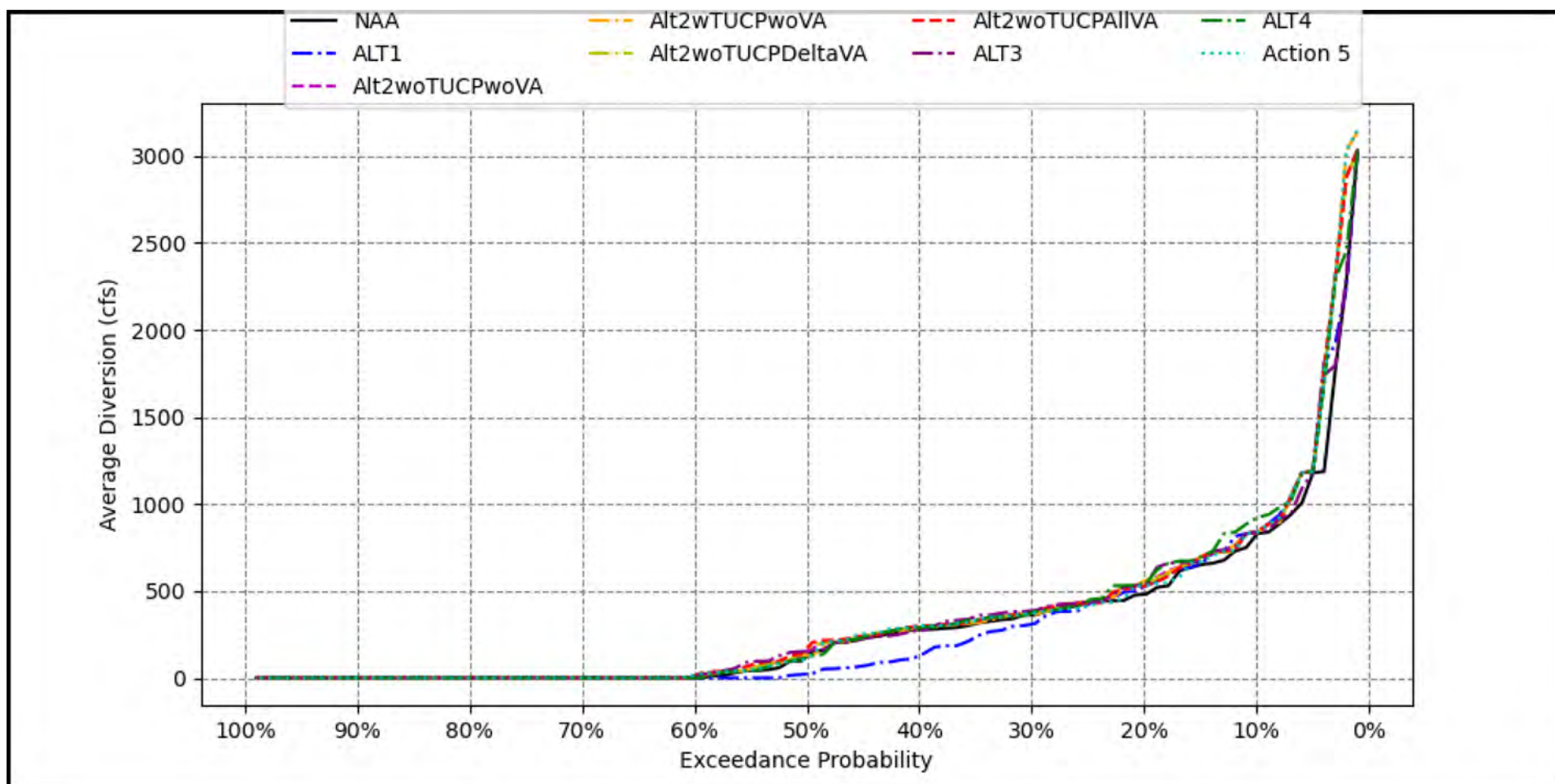
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-3-4 Trinity Import - Clear Creek Tunnel, January Diversion



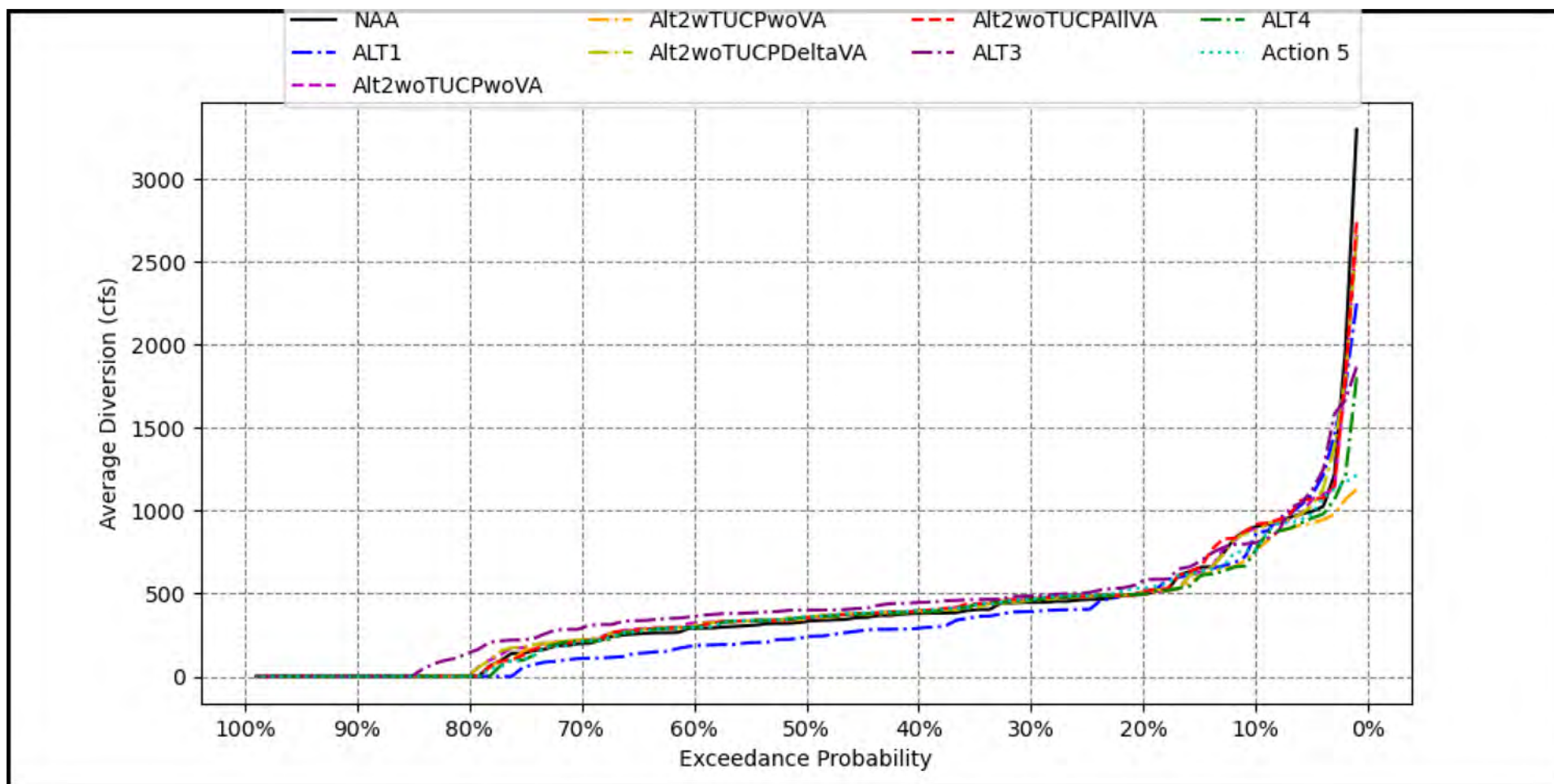
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-3-5 Trinity Import - Clear Creek Tunnel, February Diversion



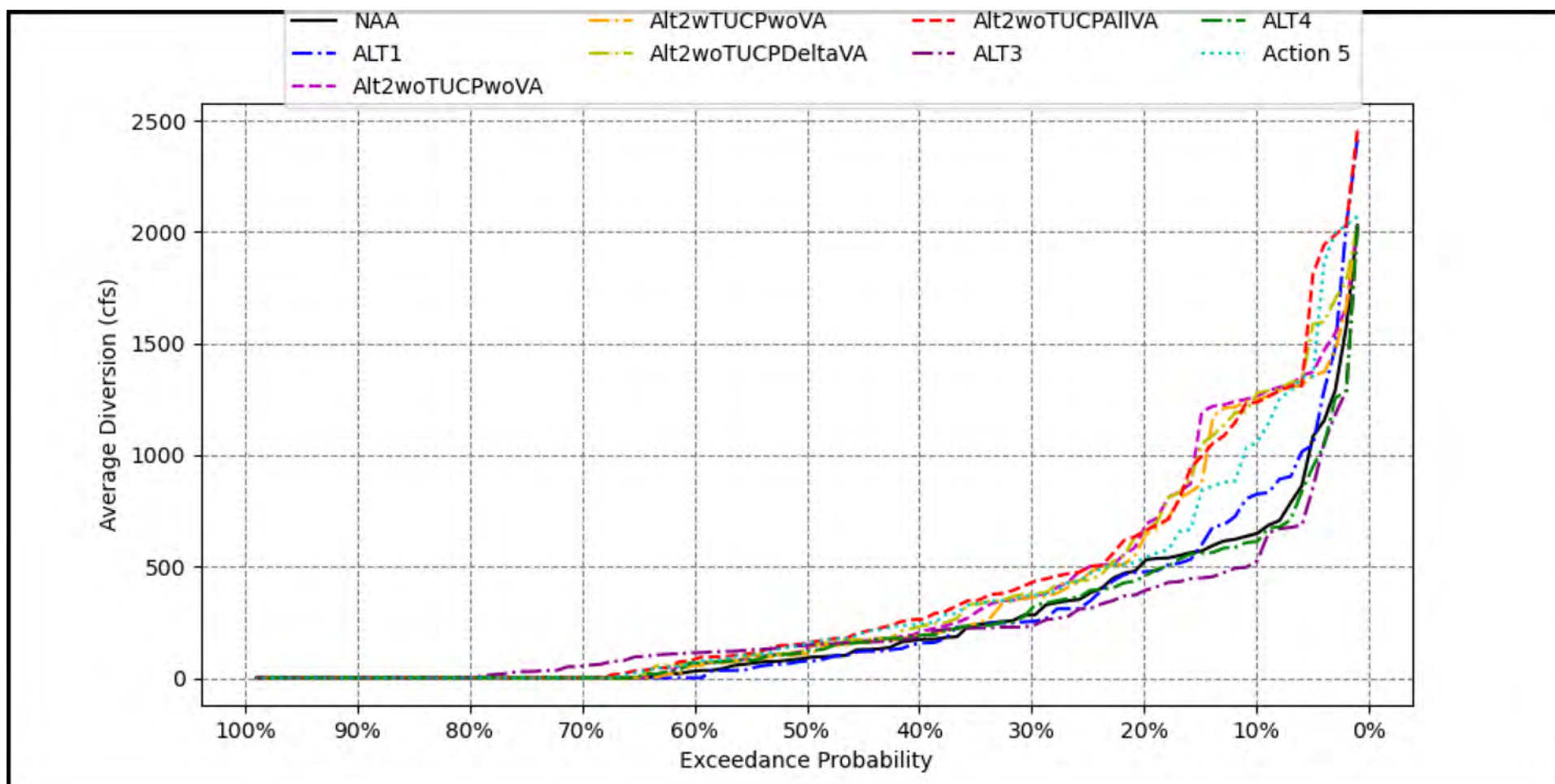
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-3-6 Trinity Import - Clear Creek Tunnel, March Diversion



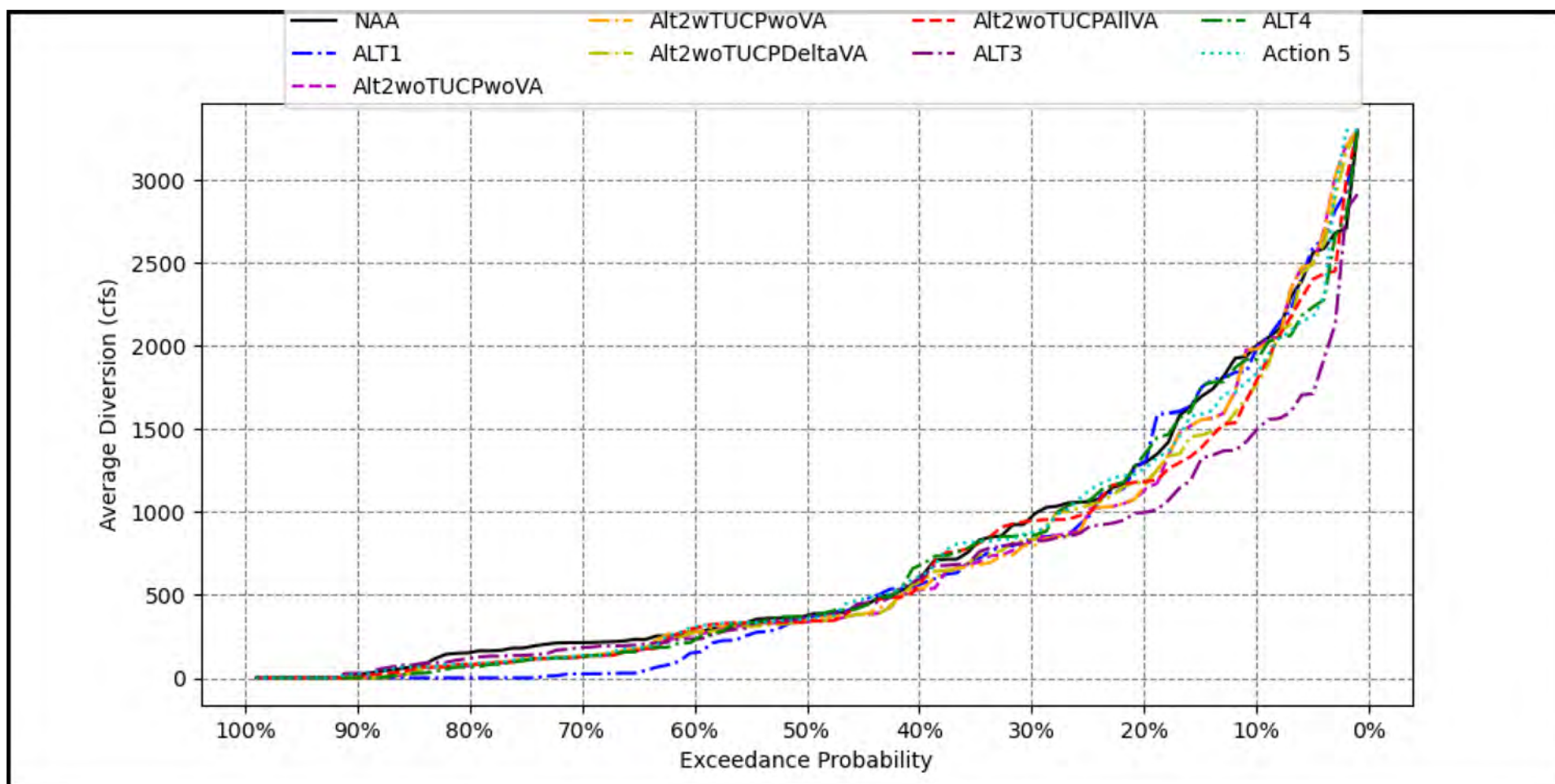
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-3-7 Trinity Import - Clear Creek Tunnel, April Diversion



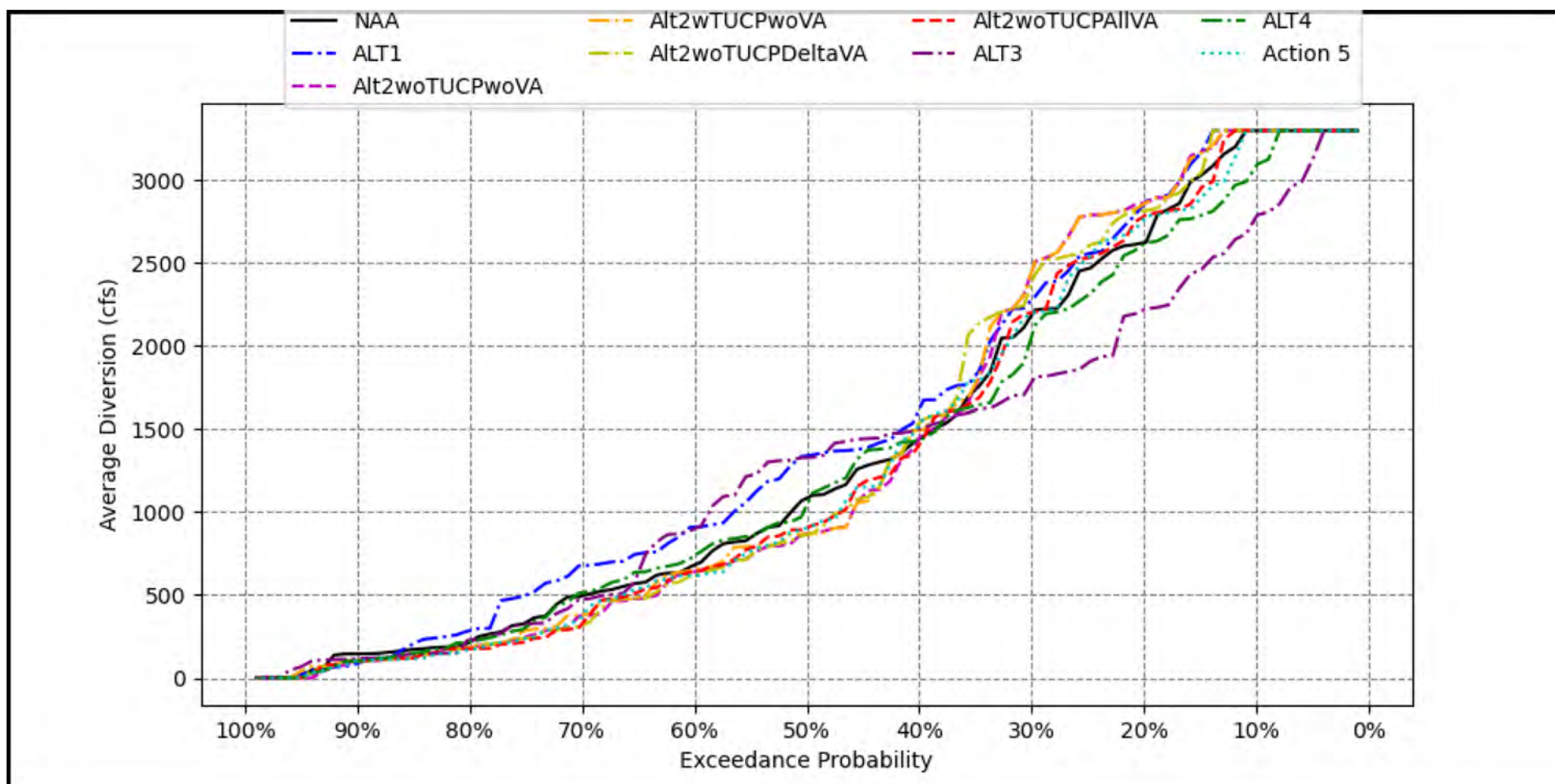
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-3-8 Trinity Import - Clear Creek Tunnel, May Diversion



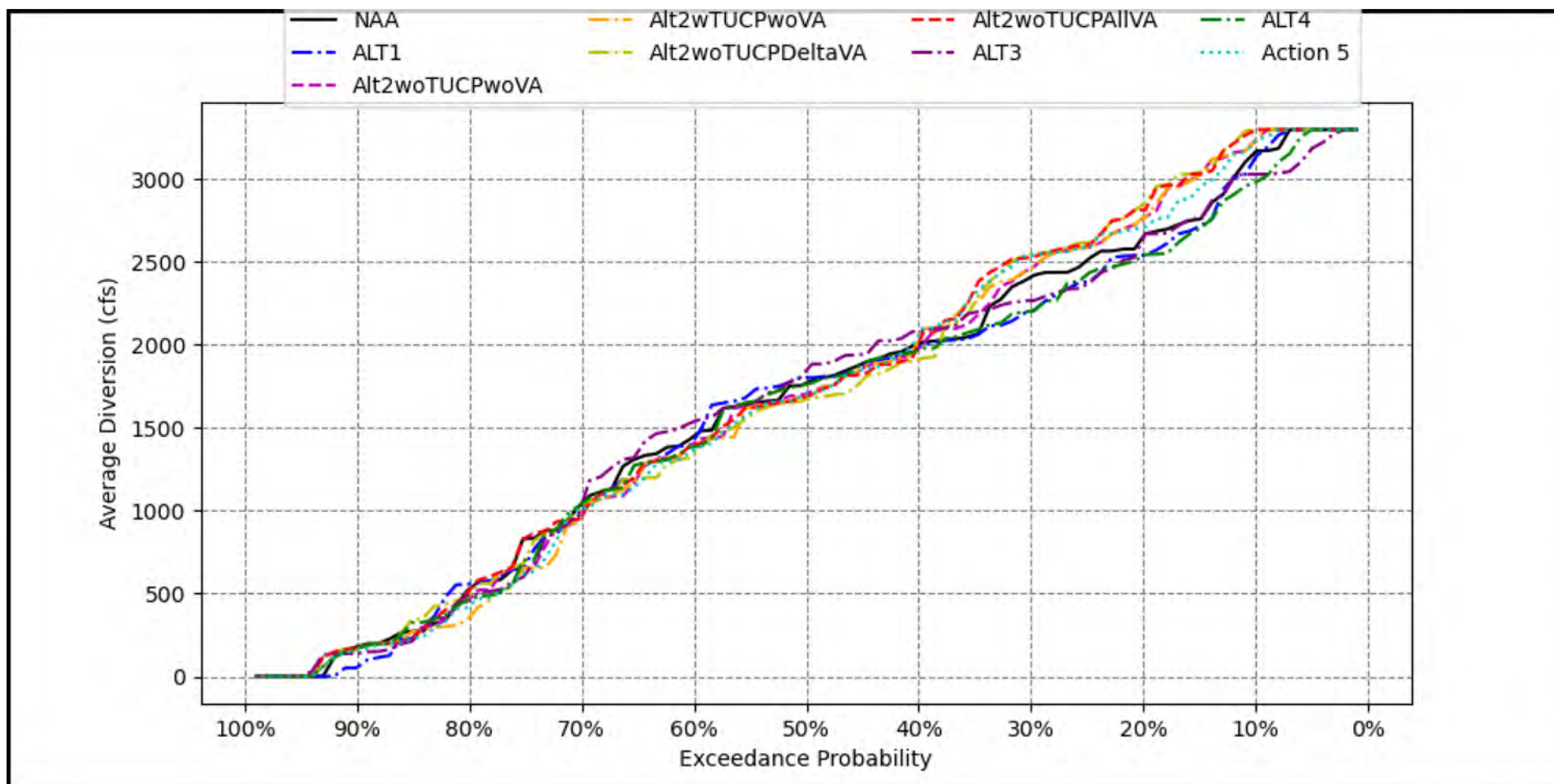
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-3-9 Trinity Import - Clear Creek Tunnel, June Diversion



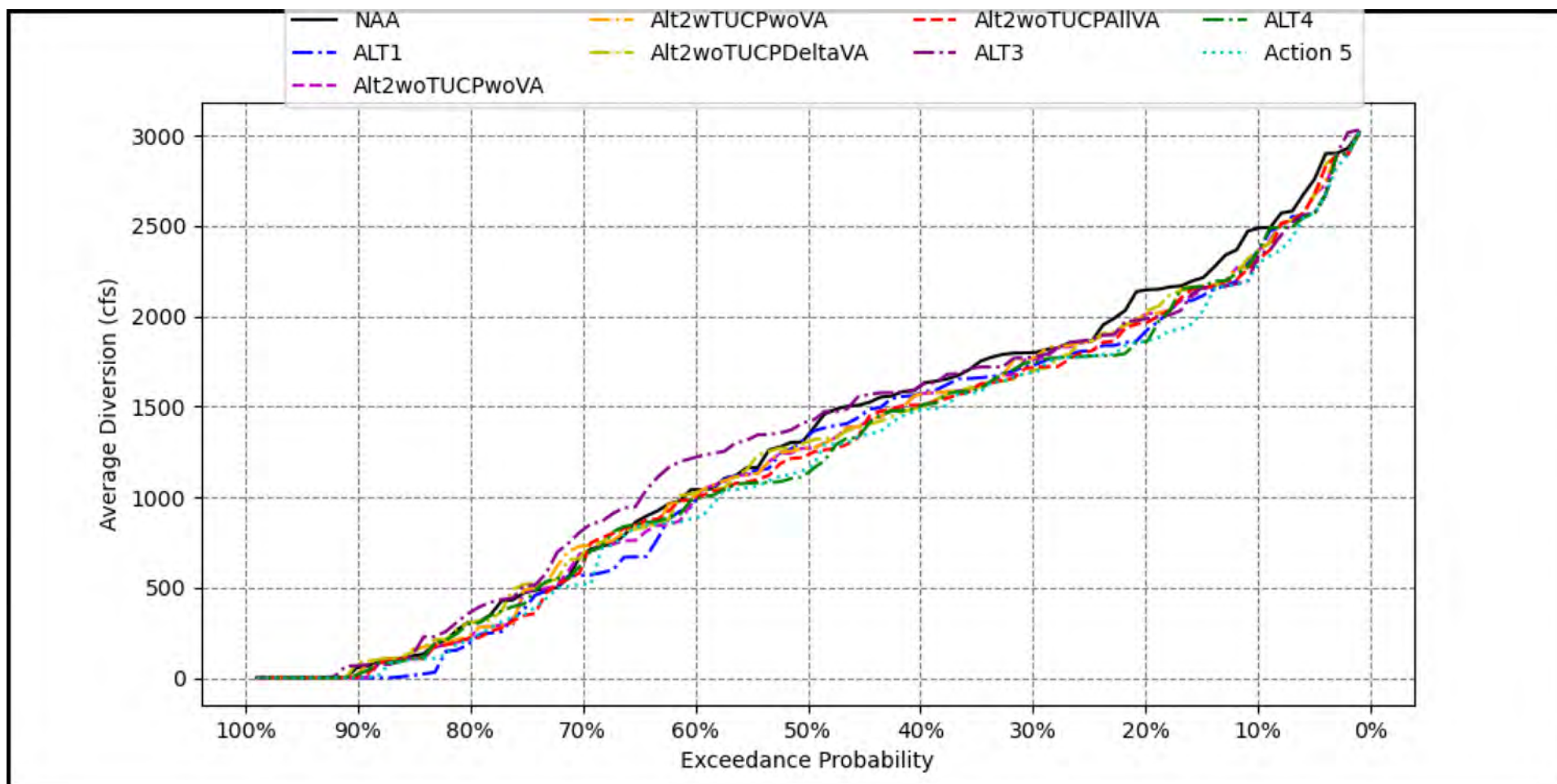
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-3-10 Trinity Import - Clear Creek Tunnel, July Diversion



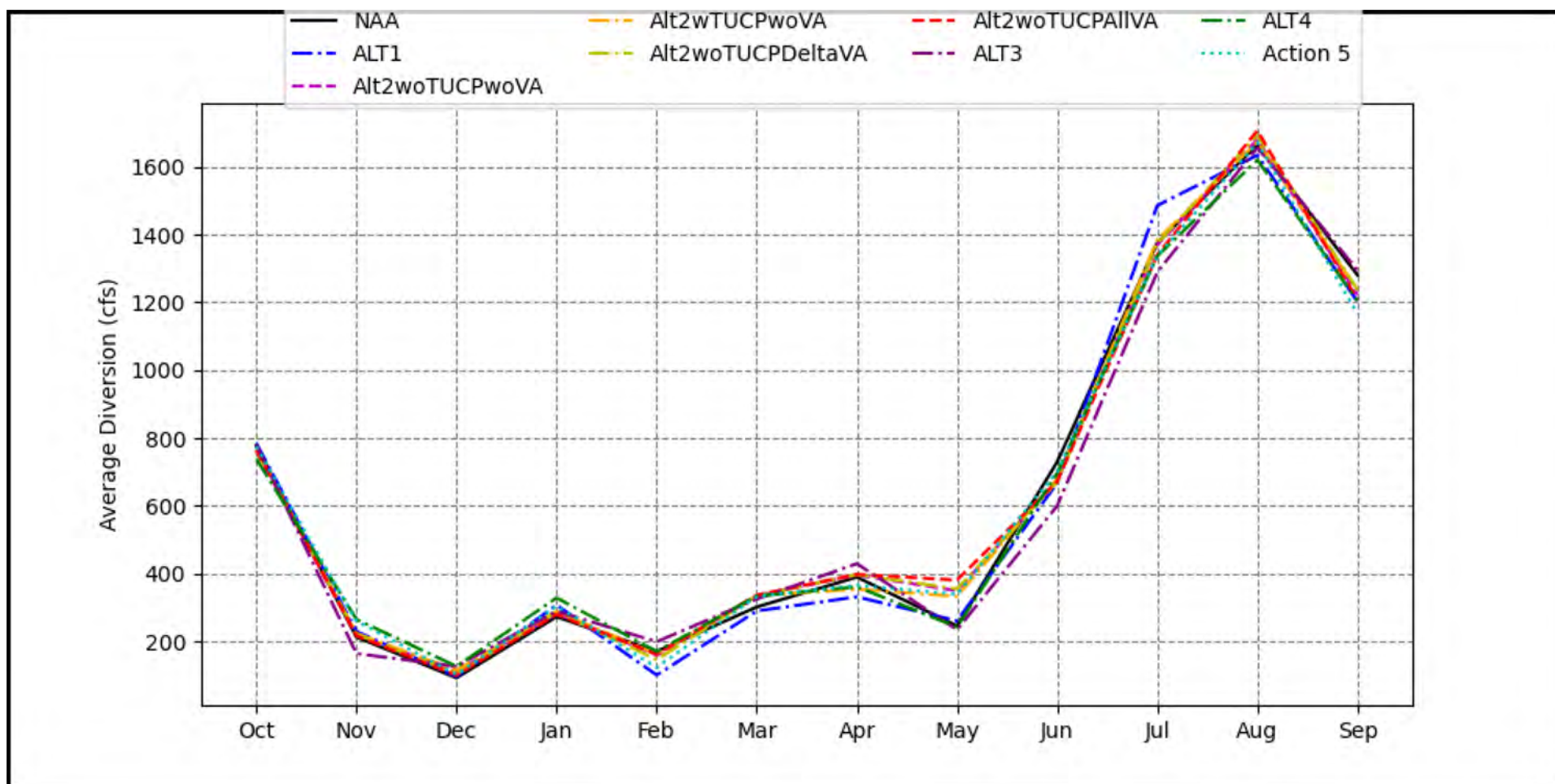
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-3-11 Trinity Import - Clear Creek Tunnel, August Diversion



*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-3-12 Trinity Import - Clear Creek Tunnel, September Diversion

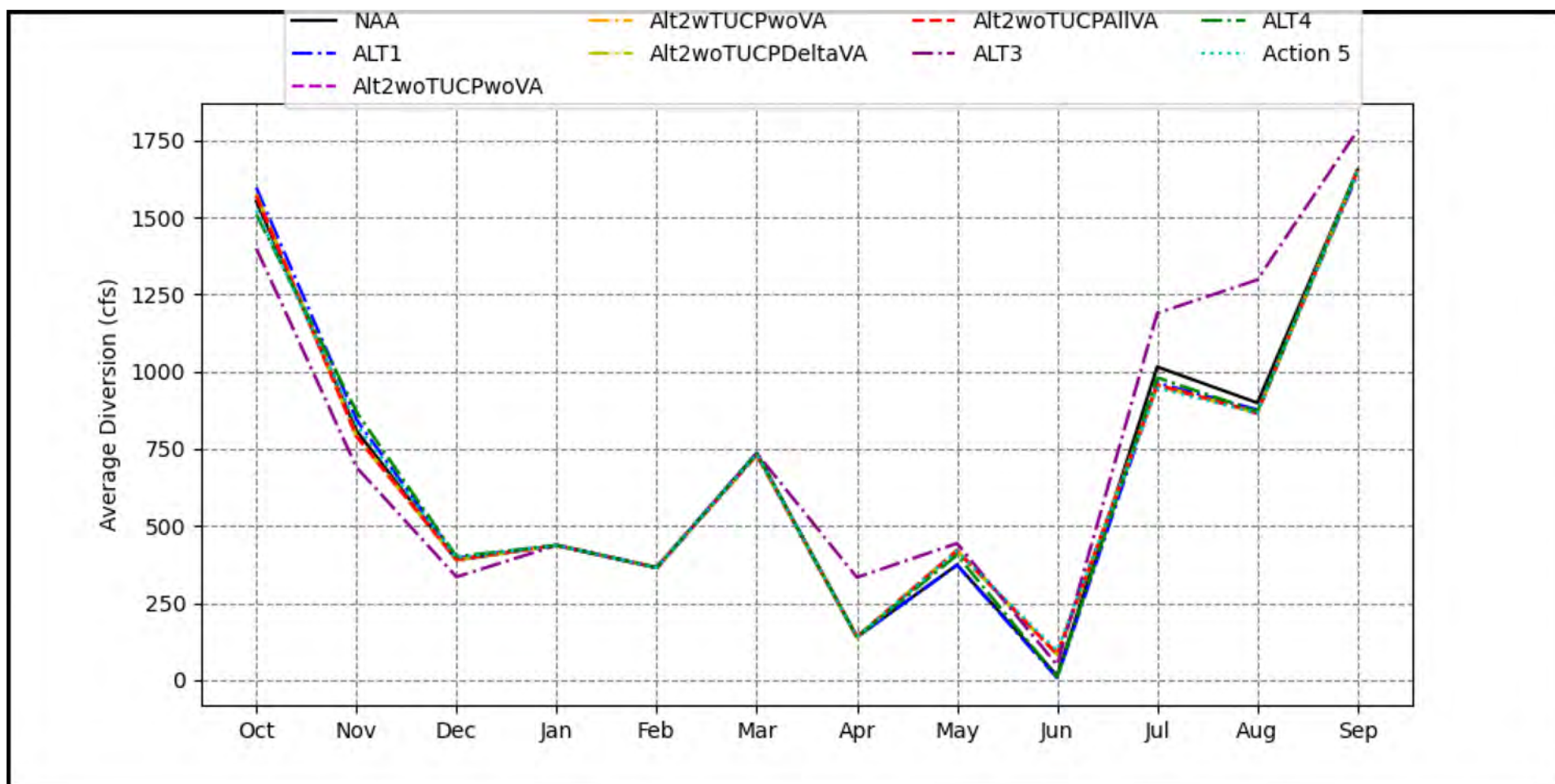


*As defined by the Trinity Water Year Hydrologic Classification.

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-3-13 Trinity Import - Clear Creek Tunnel, Long Term Average Diversion (cfs)

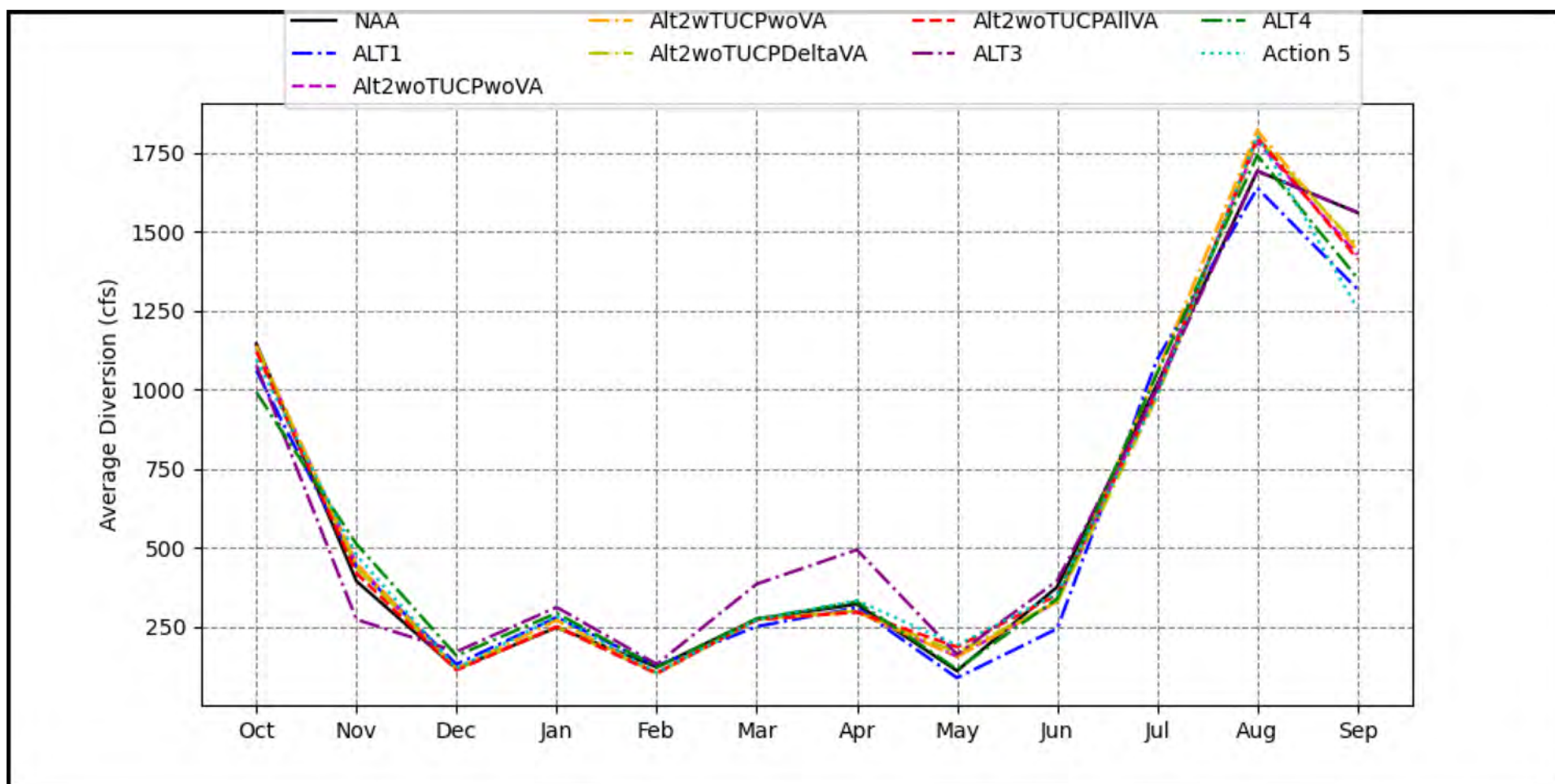


*As defined by the Trinity Water Year Hydrologic Classification.

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-3-14 Trinity Import - Clear Creek Tunnel, Extremely Wet Year Average Diversion (cfs)

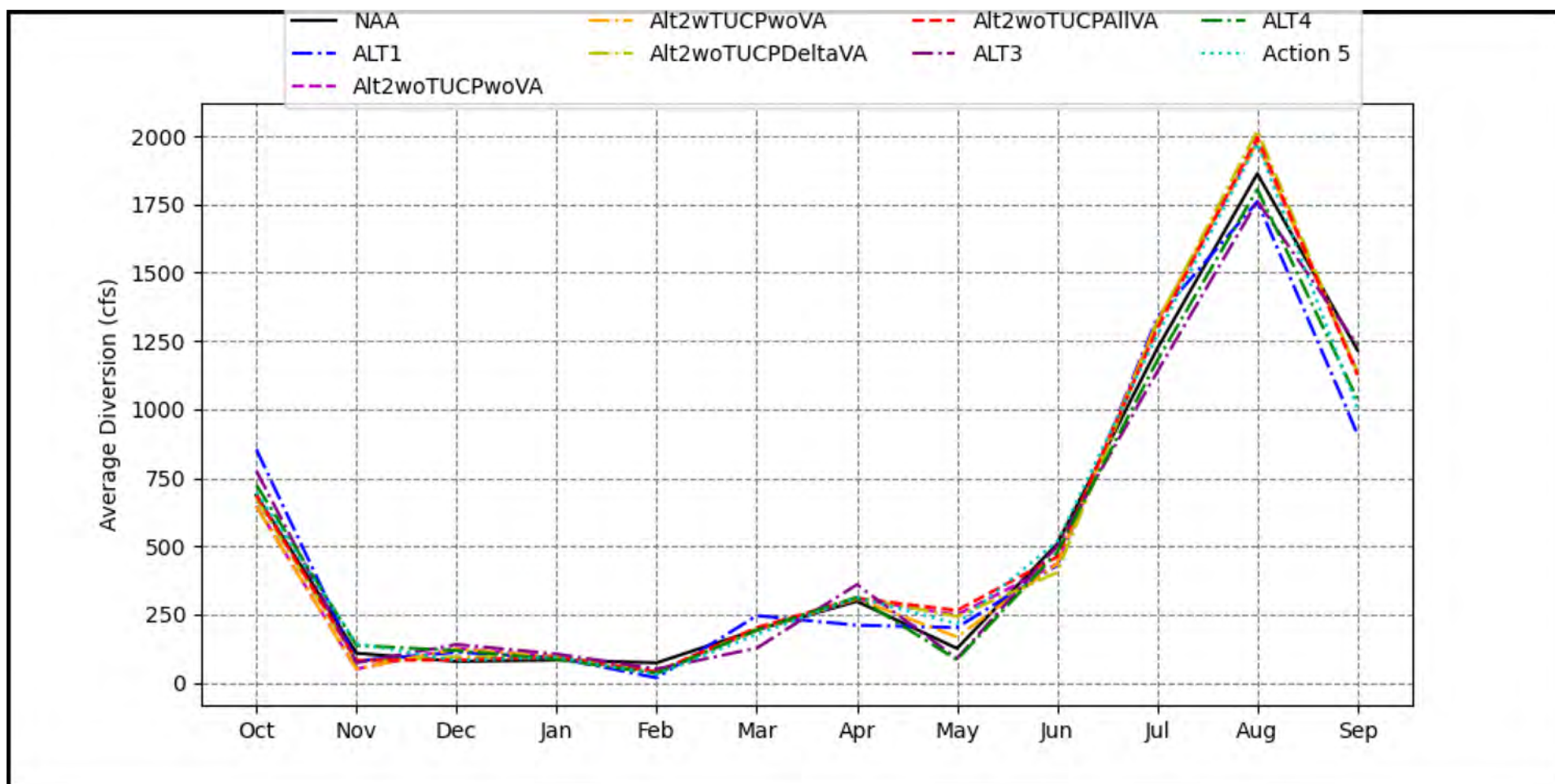


*As defined by the Trinity Water Year Hydrologic Classification.

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-3-15 Trinity Import - Clear Creek Tunnel, Wet Year Average Diversion (cfs)

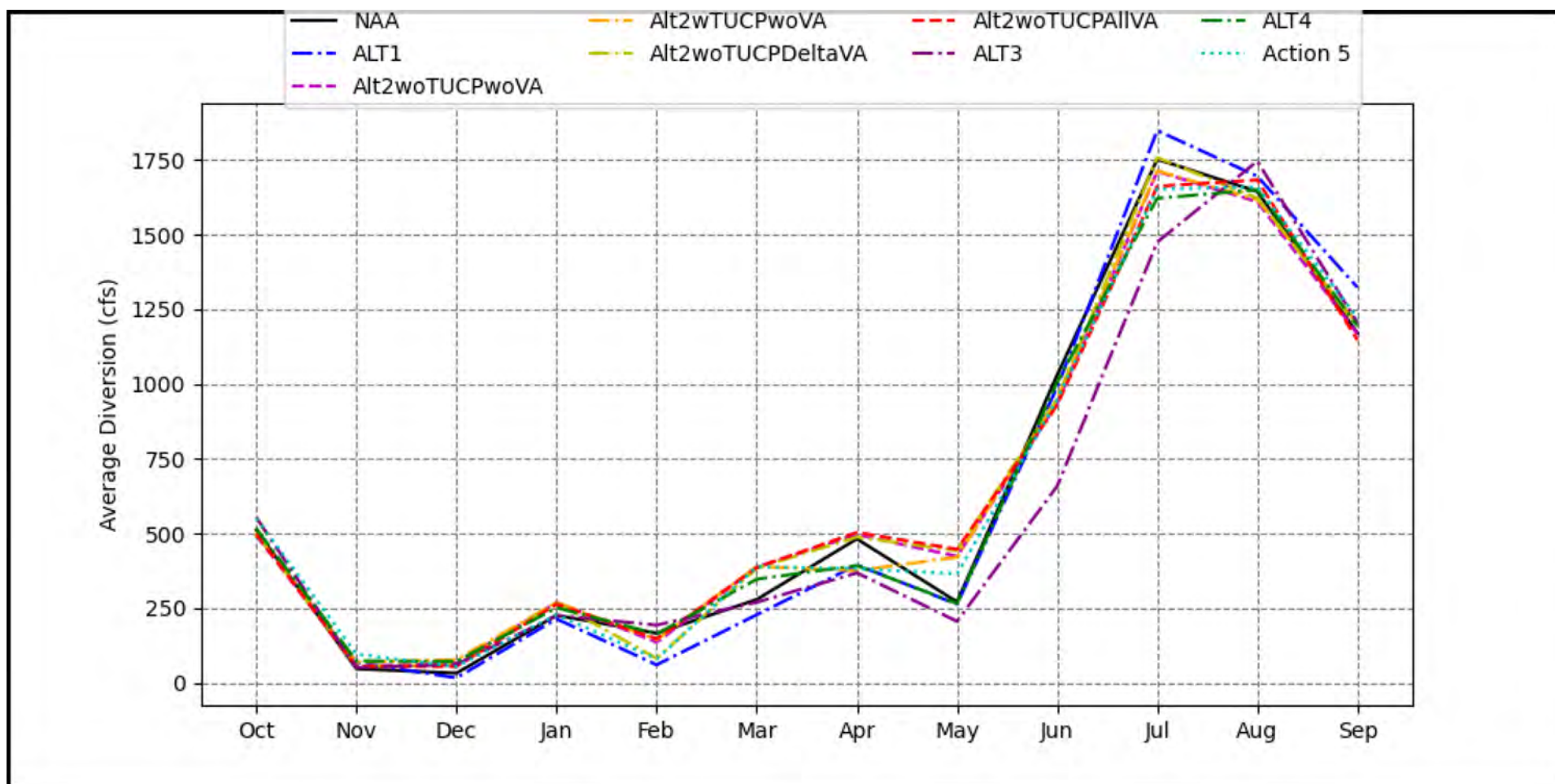


*As defined by the Trinity Water Year Hydrologic Classification.

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-3-16 Trinity Import - Clear Creek Tunnel, Normal Year Average Diversion (cfs)

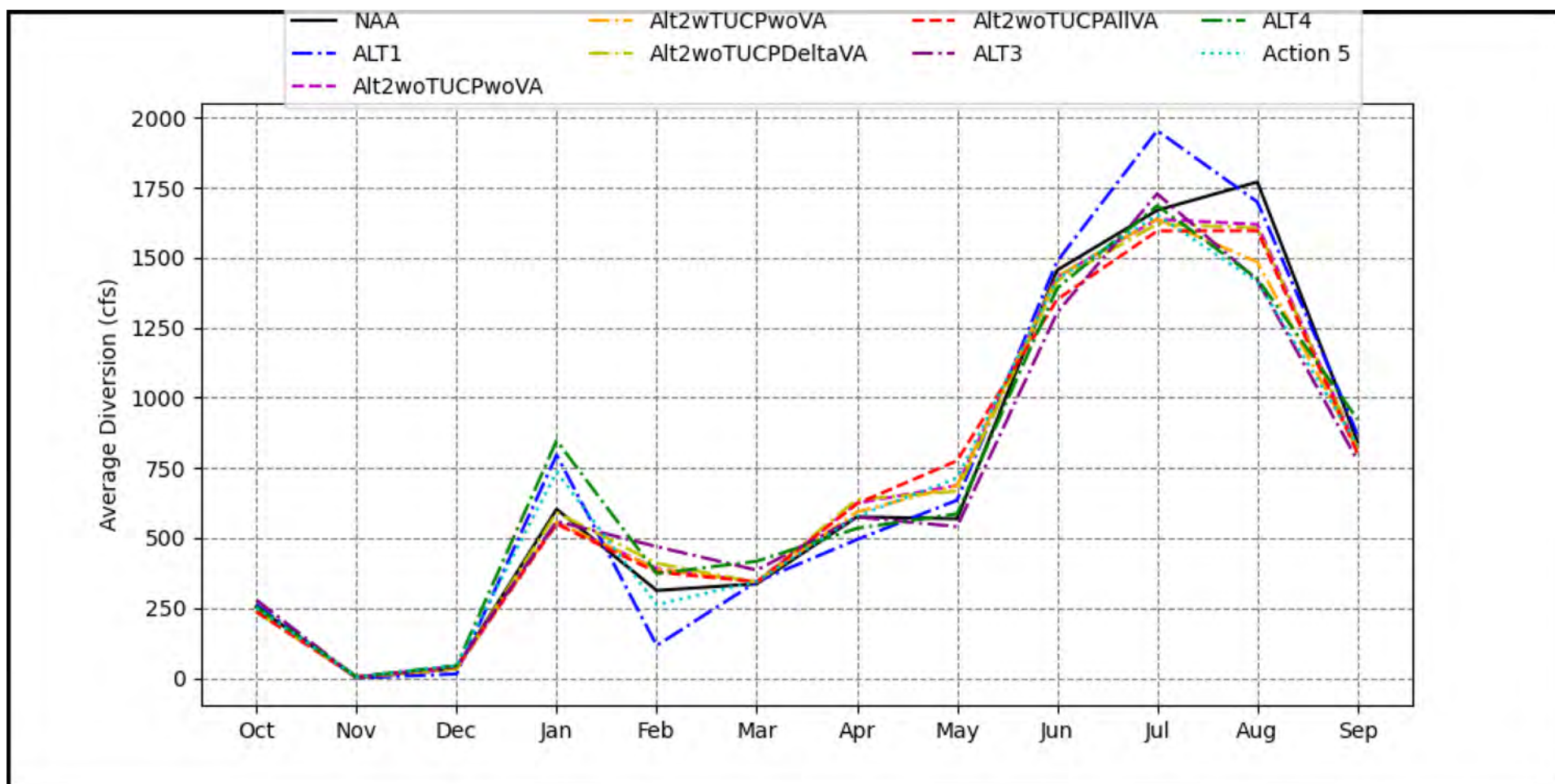


*As defined by the Trinity Water Year Hydrologic Classification.

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-3-17 Trinity Import - Clear Creek Tunnel, Dry Year Average Diversion (cfs)



*As defined by the Trinity Water Year Hydrologic Classification.

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-3-18 Trinity Import - Clear Creek Tunnel, Critically Dry Year Average Diversion (cfs)

F.2.3-4 Red Bluff Diversion - Tehama Colusa Canal

Table F.2.3-4-1 a. Red Bluff Diversion - Tehama Colusa Canal, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	333	45	27	71	55	44	613	908	1,156	1,282	1,220	718
20% Exceedance	304	44	25	66	48	30	587	875	1,128	1,226	1,178	700
30% Exceedance	273	42	24	60	45	22	548	834	1,079	1,195	1,147	650
40% Exceedance	237	40	23	55	42	21	491	775	1,040	1,150	1,119	610
50% Exceedance	206	37	20	52	37	20	424	733	1,010	1,093	1,032	552
60% Exceedance	175	31	16	49	34	20	372	690	952	1,027	982	463
70% Exceedance	141	25	11	43	30	20	277	633	845	845	840	408
80% Exceedance	83	22	9	37	21	20	128	535	755	767	778	341
90% Exceedance	52	10	0	26	14	20	75	270	269	235	348	105
Full Simulation Period Average^a	203	33	17	51	36	27	385	683	899	964	947	498
Wet Years (27.7%)	262	44	25	48	34	23	385	745	1,077	1,219	1,181	663
Above Normal Years (13.9%)	214	42	25	47	29	23	528	809	1,101	1,193	1,128	662
Below Normal Years (17.8%)	215	34	18	54	40	32	458	779	997	1,061	1,019	523
Dry Years (23.8%)	188	26	12	56	39	28	407	713	883	888	872	430
Critical Years (15.8%)	87	12	2	49	39	28	143	311	323	321	412	140

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-1 b. Red Bluff Diversion - Tehama Colusa Canal, ALT1, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	333	45	27	71	55	47	615	912	1,156	1,282	1,220	718
20% Exceedance	303	44	25	66	48	30	593	894	1,128	1,228	1,178	700
30% Exceedance	274	42	24	60	45	23	552	838	1,083	1,195	1,153	650
40% Exceedance	245	41	23	55	42	21	511	781	1,040	1,158	1,119	616
50% Exceedance	212	37	20	52	37	20	440	750	1,013	1,122	1,047	551
60% Exceedance	176	32	16	49	34	20	385	703	981	1,033	975	475
70% Exceedance	143	26	12	44	30	20	322	643	897	903	880	432
80% Exceedance	92	22	9	38	21	20	134	560	780	784	778	349
90% Exceedance	49	11	1	26	14	20	75	280	282	257	354	106
Full Simulation Period Average^a	204	33	17	51	36	27	394	693	912	978	958	504
Wet Years (27.7%)	262	44	25	48	34	23	385	746	1,078	1,220	1,182	664
Above Normal Years (13.9%)	214	42	25	47	29	23	532	815	1,108	1,200	1,134	666
Below Normal Years (17.8%)	215	34	17	55	40	32	460	782	998	1,059	1,017	520
Dry Years (23.8%)	194	28	13	56	39	29	434	744	921	930	908	453
Critical Years (15.8%)	85	13	2	49	39	29	154	319	340	342	420	141

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-1 c. Red Bluff Diversion - Tehama Colusa Canal, ALT1 Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	3	2	4	0	0	0	0
20% Exceedance	-1	0	0	0	0	1	7	19	0	1	0	0
30% Exceedance	1	0	0	0	0	1	3	4	5	0	6	0
40% Exceedance	8	0	0	1	0	0	20	6	0	8	1	5
50% Exceedance	6	0	0	0	0	0	17	16	3	28	15	-1
60% Exceedance	1	1	0	0	0	0	13	13	29	6	-6	12
70% Exceedance	2	1	1	1	0	0	45	10	52	58	40	24
80% Exceedance	9	1	0	0	0	0	6	25	24	17	0	9
90% Exceedance	-3	1	1	-1	0	0	0	10	13	22	6	1
Full Simulation Period Average^a	1	0	0	0	0	0	9	10	13	14	11	6
Wet Years (27.7%)	0	0	0	0	0	0	0	1	1	1	1	0
Above Normal Years (13.9%)	0	0	0	0	0	0	4	5	7	7	6	4
Below Normal Years (17.8%)	0	0	0	0	0	0	1	4	1	-2	-2	-2
Dry Years (23.8%)	6	1	1	0	0	1	27	31	38	42	36	23
Critical Years (15.8%)	-2	1	1	1	0	1	11	8	16	21	8	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-2 a. Red Bluff Diversion - Tehama Colusa Canal, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	333	45	27	71	55	44	613	908	1,156	1,282	1,220	718
20% Exceedance	304	44	25	66	48	30	587	875	1,128	1,226	1,178	700
30% Exceedance	273	42	24	60	45	22	548	834	1,079	1,195	1,147	650
40% Exceedance	237	40	23	55	42	21	491	775	1,040	1,150	1,119	610
50% Exceedance	206	37	20	52	37	20	424	733	1,010	1,093	1,032	552
60% Exceedance	175	31	16	49	34	20	372	690	952	1,027	982	463
70% Exceedance	141	25	11	43	30	20	277	633	845	845	840	408
80% Exceedance	83	22	9	37	21	20	128	535	755	767	778	341
90% Exceedance	52	10	0	26	14	20	75	270	269	235	348	105
Full Simulation Period Average^a	203	33	17	51	36	27	385	683	899	964	947	498
Wet Years (27.7%)	262	44	25	48	34	23	385	745	1,077	1,219	1,181	663
Above Normal Years (13.9%)	214	42	25	47	29	23	528	809	1,101	1,193	1,128	662
Below Normal Years (17.8%)	215	34	18	54	40	32	458	779	997	1,061	1,019	523
Dry Years (23.8%)	188	26	12	56	39	28	407	713	883	888	872	430
Critical Years (15.8%)	87	12	2	49	39	28	143	311	323	321	412	140

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-2 b. Red Bluff Diversion - Tehama Colusa Canal, Alt2woTUCPwoVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	333	45	27	71	55	39	617	909	1,156	1,282	1,220	718
20% Exceedance	306	44	25	65	48	28	580	872	1,124	1,228	1,178	700
30% Exceedance	271	42	24	59	45	22	540	831	1,077	1,205	1,146	650
40% Exceedance	214	40	23	55	42	20	475	762	1,039	1,158	1,118	612
50% Exceedance	194	38	20	52	37	20	411	697	1,008	1,111	1,048	531
60% Exceedance	158	30	16	48	32	20	335	638	910	986	923	439
70% Exceedance	132	22	8	43	25	20	222	580	750	731	764	341
80% Exceedance	80	18	6	33	20	20	119	477	587	595	628	277
90% Exceedance	43	10	0	24	14	20	37	183	232	223	332	71
Full Simulation Period Average^a	192	32	16	49	36	25	370	643	855	924	910	476
Wet Years (27.7%)	262	44	25	47	34	23	385	744	1,076	1,218	1,180	663
Above Normal Years (13.9%)	214	42	25	46	28	23	524	814	1,105	1,196	1,130	663
Below Normal Years (17.8%)	207	32	16	54	40	30	434	743	947	1,003	970	491
Dry Years (23.8%)	173	24	11	54	38	25	382	659	817	824	818	393
Critical Years (15.8%)	52	11	1	44	36	23	117	181	203	233	317	93

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-2 c. Red Bluff Diversion - Tehama Colusa Canal, Alt2woTUCPwoVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	-5	4	0	0	0	0	0
20% Exceedance	2	0	0	-1	0	-2	-7	-3	-5	1	0	0
30% Exceedance	-2	0	0	-1	0	0	-8	-3	-2	10	0	0
40% Exceedance	-23	0	0	0	0	-1	-16	-13	-1	8	-1	2
50% Exceedance	-12	0	0	0	0	0	-13	-37	-2	18	16	-21
60% Exceedance	-17	-1	-1	-1	-2	0	-37	-52	-42	-41	-58	-25
70% Exceedance	-9	-4	-3	0	-4	0	-55	-53	-94	-114	-76	-67
80% Exceedance	-3	-4	-3	-4	-1	0	-8	-58	-169	-172	-150	-64
90% Exceedance	-9	0	0	-3	-1	0	-37	-88	-37	-12	-16	-34
Full Simulation Period Average^a	-11	-1	-1	-1	-1	-2	-15	-40	-44	-40	-37	-22
Wet Years (27.7%)	0	0	0	-1	0	0	0	-1	-1	-1	-1	0
Above Normal Years (13.9%)	0	0	0	-1	-1	0	-3	5	4	3	2	0
Below Normal Years (17.8%)	-8	-2	-2	0	0	-2	-25	-36	-50	-58	-49	-32
Dry Years (23.8%)	-15	-2	-1	-1	-1	-4	-26	-54	-66	-64	-54	-37
Critical Years (15.8%)	-36	-1	-1	-4	-3	-5	-27	-130	-120	-88	-95	-47

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-3 a. Red Bluff Diversion - Tehama Colusa Canal, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	333	45	27	71	55	44	613	908	1,156	1,282	1,220	718
20% Exceedance	304	44	25	66	48	30	587	875	1,128	1,226	1,178	700
30% Exceedance	273	42	24	60	45	22	548	834	1,079	1,195	1,147	650
40% Exceedance	237	40	23	55	42	21	491	775	1,040	1,150	1,119	610
50% Exceedance	206	37	20	52	37	20	424	733	1,010	1,093	1,032	552
60% Exceedance	175	31	16	49	34	20	372	690	952	1,027	982	463
70% Exceedance	141	25	11	43	30	20	277	633	845	845	840	408
80% Exceedance	83	22	9	37	21	20	128	535	755	767	778	341
90% Exceedance	52	10	0	26	14	20	75	270	269	235	348	105
Full Simulation Period Average^a	203	33	17	51	36	27	385	683	899	964	947	498
Wet Years (27.7%)	262	44	25	48	34	23	385	745	1,077	1,219	1,181	663
Above Normal Years (13.9%)	214	42	25	47	29	23	528	809	1,101	1,193	1,128	662
Below Normal Years (17.8%)	215	34	18	54	40	32	458	779	997	1,061	1,019	523
Dry Years (23.8%)	188	26	12	56	39	28	407	713	883	888	872	430
Critical Years (15.8%)	87	12	2	49	39	28	143	311	323	321	412	140

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-3 b. Red Bluff Diversion - Tehama Colusa Canal, Alt2wTUCPwoVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	333	45	27	71	55	39	617	909	1,156	1,282	1,220	718
20% Exceedance	309	44	25	65	48	28	580	872	1,128	1,228	1,178	700
30% Exceedance	271	42	24	59	45	22	540	831	1,077	1,205	1,146	650
40% Exceedance	221	40	23	55	42	20	485	763	1,039	1,158	1,119	612
50% Exceedance	194	38	20	52	37	20	415	713	1,008	1,111	1,048	531
60% Exceedance	172	30	16	48	32	20	337	642	911	986	924	439
70% Exceedance	137	22	9	43	25	20	239	581	790	779	794	356
80% Exceedance	80	18	6	34	20	20	126	493	652	617	636	287
90% Exceedance	49	10	0	24	14	20	37	203	232	223	341	104
Full Simulation Period Average^a	195	32	17	50	36	25	373	649	863	932	920	482
Wet Years (27.7%)	262	44	25	47	34	23	385	744	1,076	1,218	1,180	663
Above Normal Years (13.9%)	214	42	25	46	28	23	526	814	1,105	1,196	1,130	663
Below Normal Years (17.8%)	213	33	17	54	40	30	446	765	974	1,033	995	507
Dry Years (23.8%)	175	25	11	55	38	25	385	665	826	833	826	398
Critical Years (15.8%)	61	11	1	44	36	23	117	186	206	234	340	107

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-3 c. Red Bluff Diversion - Tehama Colusa Canal, Alt2wTUCPwoVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	-5	4	0	0	0	0	0
20% Exceedance	5	0	0	-1	0	-2	-7	-3	0	2	0	0
30% Exceedance	-2	0	0	-1	0	0	-8	-3	-2	10	0	0
40% Exceedance	-16	0	0	0	0	0	-6	-12	-1	8	0	2
50% Exceedance	-12	0	0	0	0	0	-9	-20	-2	18	16	-21
60% Exceedance	-3	-1	-1	-1	-2	0	-35	-48	-42	-40	-58	-24
70% Exceedance	-4	-3	-2	0	-4	0	-37	-51	-55	-66	-45	-52
80% Exceedance	-3	-4	-3	-3	-1	0	-1	-42	-103	-150	-141	-54
90% Exceedance	-4	0	0	-3	-1	0	-37	-67	-37	-12	-7	-1
Full Simulation Period Average^a	-8	-1	-1	-1	-1	-2	-12	-33	-36	-32	-27	-16
Wet Years (27.7%)	0	0	0	-1	0	0	0	-1	-1	-1	-1	0
Above Normal Years (13.9%)	0	0	0	-1	-1	0	-2	5	4	3	2	0
Below Normal Years (17.8%)	-2	-1	-1	0	0	-2	-13	-14	-23	-28	-23	-15
Dry Years (23.8%)	-13	-2	-1	-1	-1	-4	-22	-48	-57	-55	-46	-32
Critical Years (15.8%)	-27	-1	-1	-4	-3	-5	-26	-125	-118	-87	-73	-33

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-4 a. Red Bluff Diversion - Tehama Colusa Canal, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	333	45	27	71	55	44	613	908	1,156	1,282	1,220	718
20% Exceedance	304	44	25	66	48	30	587	875	1,128	1,226	1,178	700
30% Exceedance	273	42	24	60	45	22	548	834	1,079	1,195	1,147	650
40% Exceedance	237	40	23	55	42	21	491	775	1,040	1,150	1,119	610
50% Exceedance	206	37	20	52	37	20	424	733	1,010	1,093	1,032	552
60% Exceedance	175	31	16	49	34	20	372	690	952	1,027	982	463
70% Exceedance	141	25	11	43	30	20	277	633	845	845	840	408
80% Exceedance	83	22	9	37	21	20	128	535	755	767	778	341
90% Exceedance	52	10	0	26	14	20	75	270	269	235	348	105
Full Simulation Period Average^a	203	33	17	51	36	27	385	683	899	964	947	498
Wet Years (27.7%)	262	44	25	48	34	23	385	745	1,077	1,219	1,181	663
Above Normal Years (13.9%)	214	42	25	47	29	23	528	809	1,101	1,193	1,128	662
Below Normal Years (17.8%)	215	34	18	54	40	32	458	779	997	1,061	1,019	523
Dry Years (23.8%)	188	26	12	56	39	28	407	713	883	888	872	430
Critical Years (15.8%)	87	12	2	49	39	28	143	311	323	321	412	140

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-4 b. Red Bluff Diversion - Tehama Colusa Canal, Alt2woTUCPDeltaVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	333	45	27	71	55	39	616	909	1,158	1,282	1,220	718
20% Exceedance	307	44	25	65	48	29	581	881	1,128	1,228	1,178	700
30% Exceedance	268	42	24	59	45	22	539	830	1,079	1,205	1,146	652
40% Exceedance	213	41	23	55	42	20	473	758	1,039	1,158	1,119	612
50% Exceedance	190	38	20	52	37	20	413	697	1,010	1,116	1,047	526
60% Exceedance	158	29	16	48	32	20	334	642	910	979	912	439
70% Exceedance	135	21	8	42	25	20	213	569	781	728	758	338
80% Exceedance	81	18	6	33	20	20	125	477	593	591	620	278
90% Exceedance	48	10	0	23	14	20	37	230	250	226	338	92
Full Simulation Period Average^a	193	32	16	50	36	25	370	645	861	928	913	477
Wet Years (27.7%)	262	44	25	47	34	23	385	744	1,076	1,218	1,180	663
Above Normal Years (13.9%)	214	42	25	46	28	23	524	815	1,106	1,197	1,131	663
Below Normal Years (17.8%)	204	32	16	54	40	30	429	733	939	995	963	486
Dry Years (23.8%)	174	25	11	55	38	25	381	660	825	831	823	395
Critical Years (15.8%)	60	11	1	44	36	24	127	199	233	259	335	102

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-4 c. Red Bluff Diversion - Tehama Colusa Canal, Alt2woTUCPDeltaVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	-5	3	0	2	0	0	0
20% Exceedance	2	0	0	-1	0	-1	-6	6	0	2	0	0
30% Exceedance	-5	0	0	-1	0	0	-10	-5	1	10	0	3
40% Exceedance	-24	0	0	0	0	-1	-18	-17	-1	8	0	2
50% Exceedance	-16	1	0	0	0	0	-11	-37	0	22	15	-26
60% Exceedance	-17	-2	-1	0	-2	0	-38	-49	-42	-47	-69	-24
70% Exceedance	-5	-4	-3	-1	-4	0	-64	-63	-64	-117	-82	-69
80% Exceedance	-2	-4	-3	-4	-1	0	-2	-58	-163	-176	-157	-62
90% Exceedance	-4	0	0	-3	-1	0	-37	-40	-19	-9	-10	-13
Full Simulation Period Average^a	-10	-1	-1	-1	-1	-2	-15	-38	-39	-35	-34	-21
Wet Years (27.7%)	0	0	0	-1	0	0	-1	-1	-1	-1	-1	0
Above Normal Years (13.9%)	0	0	0	0	-1	0	-4	5	5	4	3	1
Below Normal Years (17.8%)	-12	-2	-2	0	0	-2	-29	-45	-58	-66	-56	-37
Dry Years (23.8%)	-15	-2	-1	-1	-1	-3	-27	-53	-58	-57	-49	-35
Critical Years (15.8%)	-28	-1	-1	-4	-3	-4	-17	-112	-91	-63	-77	-38

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-5 a. Red Bluff Diversion - Tehama Colusa Canal, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	333	45	27	71	55	44	613	908	1,156	1,282	1,220	718
20% Exceedance	304	44	25	66	48	30	587	875	1,128	1,226	1,178	700
30% Exceedance	273	42	24	60	45	22	548	834	1,079	1,195	1,147	650
40% Exceedance	237	40	23	55	42	21	491	775	1,040	1,150	1,119	610
50% Exceedance	206	37	20	52	37	20	424	733	1,010	1,093	1,032	552
60% Exceedance	175	31	16	49	34	20	372	690	952	1,027	982	463
70% Exceedance	141	25	11	43	30	20	277	633	845	845	840	408
80% Exceedance	83	22	9	37	21	20	128	535	755	767	778	341
90% Exceedance	52	10	0	26	14	20	75	270	269	235	348	105
Full Simulation Period Average^a	203	33	17	51	36	27	385	683	899	964	947	498
Wet Years (27.7%)	262	44	25	48	34	23	385	745	1,077	1,219	1,181	663
Above Normal Years (13.9%)	214	42	25	47	29	23	528	809	1,101	1,193	1,128	662
Below Normal Years (17.8%)	215	34	18	54	40	32	458	779	997	1,061	1,019	523
Dry Years (23.8%)	188	26	12	56	39	28	407	713	883	888	872	430
Critical Years (15.8%)	87	12	2	49	39	28	143	311	323	321	412	140

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-5 b. Red Bluff Diversion - Tehama Colusa Canal, Alt2woTUCPAIIVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	333	45	27	71	55	39	614	905	1,157	1,282	1,220	718
20% Exceedance	309	44	25	65	48	29	579	864	1,128	1,224	1,178	700
30% Exceedance	271	42	24	59	45	22	537	823	1,076	1,205	1,140	650
40% Exceedance	216	40	23	55	42	20	478	760	1,039	1,157	1,119	610
50% Exceedance	193	37	20	52	37	20	414	697	1,008	1,112	1,058	527
60% Exceedance	165	29	15	48	32	20	332	642	926	985	918	449
70% Exceedance	130	22	9	43	25	20	224	588	782	750	774	343
80% Exceedance	79	18	6	34	20	20	112	477	636	656	665	278
90% Exceedance	43	10	0	24	14	20	37	183	232	223	330	71
Full Simulation Period Average^a	193	32	16	50	36	25	369	644	859	928	913	478
Wet Years (27.7%)	262	44	25	47	34	23	385	745	1,077	1,218	1,180	663
Above Normal Years (13.9%)	214	42	25	46	28	23	522	813	1,104	1,195	1,129	662
Below Normal Years (17.8%)	207	32	16	54	40	30	431	743	951	1,007	973	492
Dry Years (23.8%)	174	25	11	55	38	25	382	665	831	837	828	400
Critical Years (15.8%)	51	11	1	44	36	23	116	177	205	235	318	93

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-5 c. Red Bluff Diversion - Tehama Colusa Canal, Alt2woTUCPAIIVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	-5	1	-3	1	0	0	0
20% Exceedance	5	0	0	-1	0	-1	-8	-11	0	-2	0	0
30% Exceedance	-2	0	0	-1	0	0	-11	-11	-2	10	-7	0
40% Exceedance	-21	0	0	0	0	-1	-13	-15	-1	6	0	0
50% Exceedance	-13	0	0	0	0	0	-10	-37	-1	18	26	-25
60% Exceedance	-10	-2	-1	0	-2	0	-40	-48	-26	-42	-63	-14
70% Exceedance	-10	-3	-3	0	-4	0	-53	-44	-63	-95	-65	-65
80% Exceedance	-4	-3	-3	-4	-1	0	-16	-58	-119	-111	-112	-63
90% Exceedance	-9	0	0	-3	-1	0	-37	-88	-37	-12	-17	-34
Full Simulation Period Average^a	-10	-1	-1	-1	-1	-2	-16	-39	-40	-36	-34	-20
Wet Years (27.7%)	0	0	0	-1	0	0	-1	-1	-1	-1	-1	0
Above Normal Years (13.9%)	0	0	0	-1	-1	0	-5	3	3	2	1	0
Below Normal Years (17.8%)	-8	-2	-1	0	0	-2	-27	-35	-46	-54	-46	-31
Dry Years (23.8%)	-14	-2	-1	-1	-1	-3	-26	-48	-52	-51	-44	-30
Critical Years (15.8%)	-37	-1	-1	-4	-3	-5	-27	-134	-118	-86	-94	-47

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-6 a. Red Bluff Diversion - Tehama Colusa Canal, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	333	45	27	71	55	44	613	908	1,156	1,282	1,220	718
20% Exceedance	304	44	25	66	48	30	587	875	1,128	1,226	1,178	700
30% Exceedance	273	42	24	60	45	22	548	834	1,079	1,195	1,147	650
40% Exceedance	237	40	23	55	42	21	491	775	1,040	1,150	1,119	610
50% Exceedance	206	37	20	52	37	20	424	733	1,010	1,093	1,032	552
60% Exceedance	175	31	16	49	34	20	372	690	952	1,027	982	463
70% Exceedance	141	25	11	43	30	20	277	633	845	845	840	408
80% Exceedance	83	22	9	37	21	20	128	535	755	767	778	341
90% Exceedance	52	10	0	26	14	20	75	270	269	235	348	105
Full Simulation Period Average^a	203	33	17	51	36	27	385	683	899	964	947	498
Wet Years (27.7%)	262	44	25	48	34	23	385	745	1,077	1,219	1,181	663
Above Normal Years (13.9%)	214	42	25	47	29	23	528	809	1,101	1,193	1,128	662
Below Normal Years (17.8%)	215	34	18	54	40	32	458	779	997	1,061	1,019	523
Dry Years (23.8%)	188	26	12	56	39	28	407	713	883	888	872	430
Critical Years (15.8%)	87	12	2	49	39	28	143	311	323	321	412	140

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-6 b. Red Bluff Diversion - Tehama Colusa Canal, ALT3, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	324	45	26	64	49	22	606	907	1,157	1,279	1,218	716
20% Exceedance	306	44	24	55	45	20	575	879	1,128	1,226	1,180	702
30% Exceedance	269	43	22	51	40	20	525	833	1,076	1,205	1,146	650
40% Exceedance	207	41	17	44	35	20	445	758	1,037	1,159	1,119	614
50% Exceedance	174	38	0	37	30	20	260	704	1,014	1,111	1,059	565
60% Exceedance	146	34	0	24	21	20	37	609	983	1,053	973	464
70% Exceedance	81	20	0	0	13	20	37	492	668	705	709	302
80% Exceedance	23	10	0	0	0	20	37	69	95	146	273	71
90% Exceedance	23	10	0	0	0	20	37	69	95	146	273	71
Full Simulation Period Average^a	178	32	10	31	26	21	289	587	801	883	880	461
Wet Years (27.7%)	261	44	18	45	7	23	384	743	1,076	1,218	1,181	664
Above Normal Years (13.9%)	214	42	14	35	22	21	482	816	1,111	1,203	1,136	667
Below Normal Years (17.8%)	174	32	11	30	35	23	319	626	834	919	906	457
Dry Years (23.8%)	144	23	5	21	36	20	213	546	706	732	740	350
Critical Years (15.8%)	43	11	0	21	39	20	36	128	154	204	313	93

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-6 c. Red Bluff Diversion - Tehama Colusa Canal, ALT3 Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-10	0	-1	-7	-6	-22	-7	-2	1	-3	-2	-2
20% Exceedance	2	0	-1	-11	-4	-10	-11	4	0	0	2	2
30% Exceedance	-3	0	-2	-9	-5	-3	-23	-1	-3	10	0	0
40% Exceedance	-30	0	-6	-11	-7	-1	-47	-16	-3	9	0	4
50% Exceedance	-32	1	-20	-15	-7	0	-164	-30	4	17	27	13
60% Exceedance	-29	3	-16	-24	-14	0	-335	-81	31	26	-9	0
70% Exceedance	-60	-5	-11	-43	-16	0	-239	-141	-177	-140	-131	-105
80% Exceedance	-60	-11	-9	-37	-21	0	-90	-466	-660	-621	-505	-270
90% Exceedance	-29	0	0	-26	-14	0	-37	-201	-174	-89	-75	-34
Full Simulation Period Average^a	-25	-1	-7	-19	-10	-6	-96	-96	-98	-80	-67	-38
Wet Years (27.7%)	0	0	-7	-3	-27	0	-1	-2	-1	0	0	0
Above Normal Years (13.9%)	0	0	-11	-12	-7	-3	-46	7	9	9	8	5
Below Normal Years (17.8%)	-41	-3	-7	-24	-5	-9	-139	-153	-164	-142	-113	-65
Dry Years (23.8%)	-44	-3	-7	-35	-2	-8	-195	-166	-177	-156	-132	-80
Critical Years (15.8%)	-44	-1	-2	-27	0	-8	-107	-183	-169	-118	-99	-47

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-7 a. Red Bluff Diversion - Tehama Colusa Canal, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	333	45	27	71	55	44	613	908	1,156	1,282	1,220	718
20% Exceedance	304	44	25	66	48	30	587	875	1,128	1,226	1,178	700
30% Exceedance	273	42	24	60	45	22	548	834	1,079	1,195	1,147	650
40% Exceedance	237	40	23	55	42	21	491	775	1,040	1,150	1,119	610
50% Exceedance	206	37	20	52	37	20	424	733	1,010	1,093	1,032	552
60% Exceedance	175	31	16	49	34	20	372	690	952	1,027	982	463
70% Exceedance	141	25	11	43	30	20	277	633	845	845	840	408
80% Exceedance	83	22	9	37	21	20	128	535	755	767	778	341
90% Exceedance	52	10	0	26	14	20	75	270	269	235	348	105
Full Simulation Period Average^a	203	33	17	51	36	27	385	683	899	964	947	498
Wet Years (27.7%)	262	44	25	48	34	23	385	745	1,077	1,219	1,181	663
Above Normal Years (13.9%)	214	42	25	47	29	23	528	809	1,101	1,193	1,128	662
Below Normal Years (17.8%)	215	34	18	54	40	32	458	779	997	1,061	1,019	523
Dry Years (23.8%)	188	26	12	56	39	28	407	713	883	888	872	430
Critical Years (15.8%)	87	12	2	49	39	28	143	311	323	321	412	140

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-7 b. Red Bluff Diversion - Tehama Colusa Canal, ALT4, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	333	45	27	71	55	46	639	909	1,156	1,282	1,220	718
20% Exceedance	304	44	25	65	48	30	601	892	1,132	1,228	1,182	700
30% Exceedance	276	42	24	59	45	23	572	848	1,083	1,203	1,153	653
40% Exceedance	241	41	23	56	42	21	516	792	1,043	1,165	1,121	616
50% Exceedance	205	39	21	53	37	20	446	745	1,014	1,126	1,059	569
60% Exceedance	174	34	18	49	32	20	412	697	982	1,056	1,012	498
70% Exceedance	143	27	13	43	26	20	299	633	894	931	921	442
80% Exceedance	97	22	9	36	20	20	108	519	746	736	734	321
90% Exceedance	46	10	0	24	14	20	37	137	300	267	366	110
Full Simulation Period Average^a	201	33	18	51	36	26	395	670	895	969	951	503
Wet Years (27.7%)	262	44	25	48	34	23	393	745	1,078	1,220	1,182	664
Above Normal Years (13.9%)	214	42	25	47	28	24	548	816	1,110	1,202	1,135	667
Below Normal Years (17.8%)	220	35	18	54	39	33	478	794	1,019	1,087	1,041	538
Dry Years (23.8%)	187	28	13	56	39	28	442	715	898	917	899	447
Critical Years (15.8%)	71	12	1	46	37	24	101	205	241	269	365	124

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-7 c. Red Bluff Diversion - Tehama Colusa Canal, ALT4 Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	2	25	0	0	0	0	0
20% Exceedance	-1	0	0	-1	0	0	14	17	3	1	4	0
30% Exceedance	3	0	0	-1	0	0	24	13	5	8	6	3
40% Exceedance	4	0	0	1	0	0	24	17	3	15	3	6
50% Exceedance	-1	1	1	1	0	0	22	11	4	33	27	17
60% Exceedance	-1	3	2	0	-2	0	39	7	30	29	31	35
70% Exceedance	2	1	1	1	-4	0	22	0	49	86	81	34
80% Exceedance	14	0	0	-1	-1	0	-19	-16	-9	-31	-43	-20
90% Exceedance	-6	0	0	-2	0	0	-37	-134	31	33	18	5
Full Simulation Period Average^a	-2	1	0	0	-1	0	10	-13	-5	5	4	5
Wet Years (27.7%)	0	0	0	0	0	0	8	0	0	1	1	1
Above Normal Years (13.9%)	0	0	0	0	0	0	20	7	9	9	8	5
Below Normal Years (17.8%)	5	1	1	0	-1	1	20	15	22	26	22	16
Dry Years (23.8%)	-1	2	1	0	0	0	35	2	15	29	26	17
Critical Years (15.8%)	-17	-1	0	-2	-2	-4	-43	-107	-83	-52	-47	-16

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-8 a. Red Bluff Diversion - Tehama Colusa Canal, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	333	45	27	71	55	44	613	908	1,156	1,282	1,220	718
20% Exceedance	304	44	25	66	48	30	587	875	1,128	1,226	1,178	700
30% Exceedance	273	42	24	60	45	22	548	834	1,079	1,195	1,147	650
40% Exceedance	237	40	23	55	42	21	491	775	1,040	1,150	1,119	610
50% Exceedance	206	37	20	52	37	20	424	733	1,010	1,093	1,032	552
60% Exceedance	175	31	16	49	34	20	372	690	952	1,027	982	463
70% Exceedance	141	25	11	43	30	20	277	633	845	845	840	408
80% Exceedance	83	22	9	37	21	20	128	535	755	767	778	341
90% Exceedance	52	10	0	26	14	20	75	270	269	235	348	105
Full Simulation Period Average^a	203	33	17	51	36	27	385	683	899	964	947	498
Wet Years (27.7%)	262	44	25	48	34	23	385	745	1,077	1,219	1,181	663
Above Normal Years (13.9%)	214	42	25	47	29	23	528	809	1,101	1,193	1,128	662
Below Normal Years (17.8%)	215	34	18	54	40	32	458	779	997	1,061	1,019	523
Dry Years (23.8%)	188	26	12	56	39	28	407	713	883	888	872	430
Critical Years (15.8%)	87	12	2	49	39	28	143	311	323	321	412	140

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-8 b. Red Bluff Diversion - Tehama Colusa Canal, Action 5, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	333	45	28	71	55	42	689	912	1,158	1,291	1,220	720
20% Exceedance	310	44	25	65	48	31	632	889	1,143	1,228	1,184	703
30% Exceedance	278	44	24	60	45	22	606	847	1,086	1,207	1,155	653
40% Exceedance	232	41	23	57	42	20	550	798	1,053	1,183	1,131	626
50% Exceedance	205	40	22	54	37	20	443	745	1,033	1,139	1,097	585
60% Exceedance	175	37	20	49	33	20	339	668	996	1,110	1,038	517
70% Exceedance	137	30	14	44	26	20	180	598	909	950	939	450
80% Exceedance	80	20	7	36	20	20	116	504	682	673	671	309
90% Exceedance	52	10	0	24	14	20	37	235	251	227	341	95
Full Simulation Period Average^a	201	34	18	51	36	26	398	668	898	974	957	507
Wet Years (27.7%)	262	44	25	48	34	23	407	746	1,079	1,222	1,184	665
Above Normal Years (13.9%)	214	42	25	47	28	24	579	816	1,111	1,202	1,136	667
Below Normal Years (17.8%)	215	35	18	55	40	33	492	776	1,003	1,070	1,027	529
Dry Years (23.8%)	190	30	15	56	39	27	396	713	918	951	930	469
Critical Years (15.8%)	73	12	1	45	36	22	120	211	247	268	368	122

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-4-8 c. Red Bluff Diversion - Tehama Colusa Canal, Action 5 Minus NAA, Monthly Diversion (cfs)

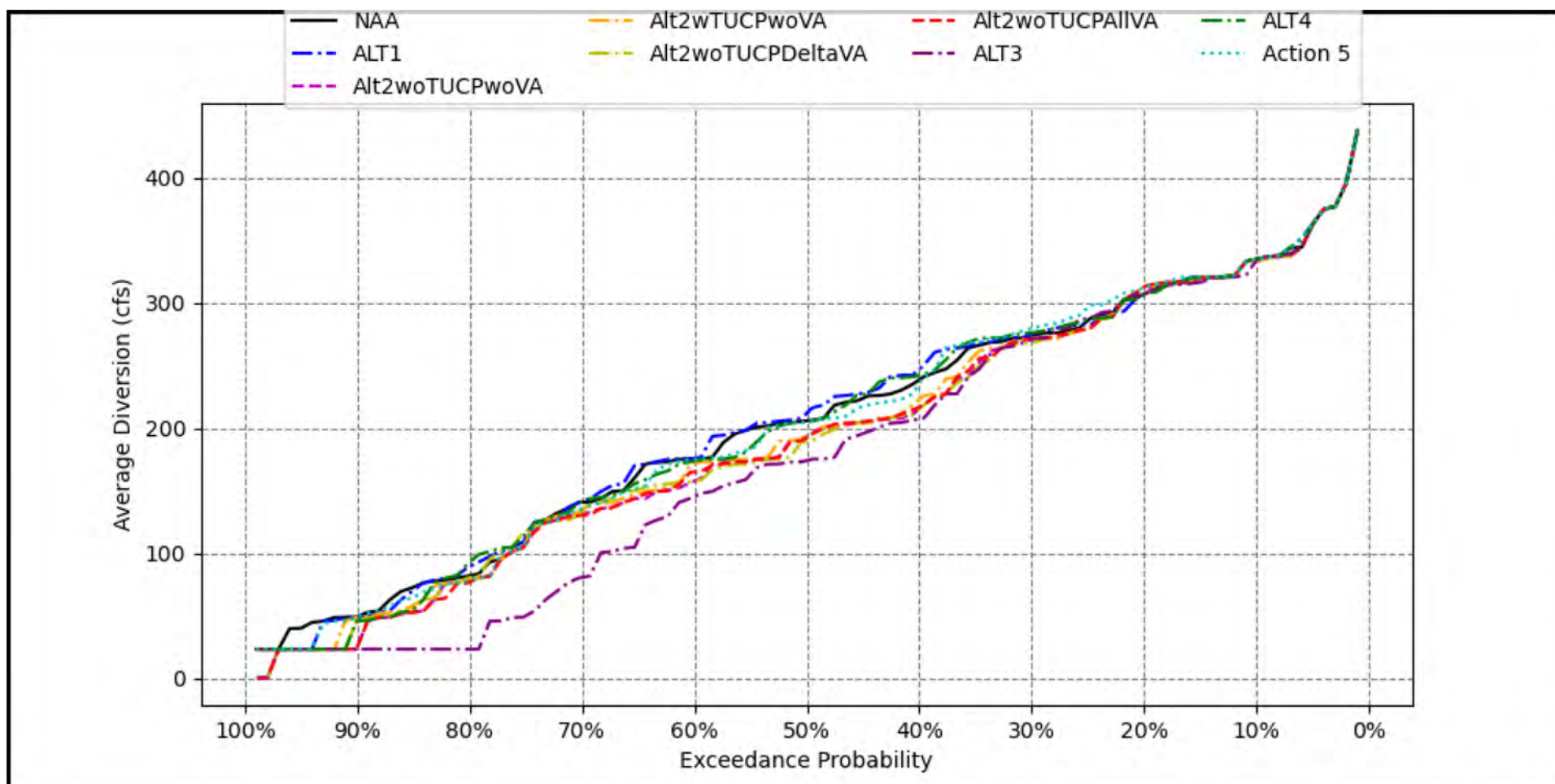
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	-3	76	4	2	9	0	1
20% Exceedance	6	0	0	-1	0	1	46	14	14	2	6	3
30% Exceedance	6	1	0	0	0	0	58	12	8	12	8	3
40% Exceedance	-5	1	1	2	0	-1	59	24	13	32	13	16
50% Exceedance	-1	3	2	2	0	0	20	11	23	46	65	33
60% Exceedance	0	6	4	0	-1	0	-33	-22	43	84	56	54
70% Exceedance	-3	4	3	1	-4	0	-97	-35	64	105	99	42
80% Exceedance	-3	-2	-2	-1	-1	0	-12	-31	-74	-94	-107	-31
90% Exceedance	0	0	0	-3	-1	0	-37	-36	-18	-8	-6	-11
Full Simulation Period Average^a	-2	1	1	0	-1	-1	13	-15	-1	10	10	9
Wet Years (27.7%)	1	0	0	1	0	0	21	1	2	3	3	2
Above Normal Years (13.9%)	0	0	0	0	-1	0	51	7	9	9	8	5
Below Normal Years (17.8%)	0	1	1	0	0	1	34	-3	6	9	8	6
Dry Years (23.8%)	2	4	3	0	0	-1	-12	0	35	63	58	39
Critical Years (15.8%)	-15	-1	0	-3	-3	-6	-24	-100	-77	-53	-44	-18

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

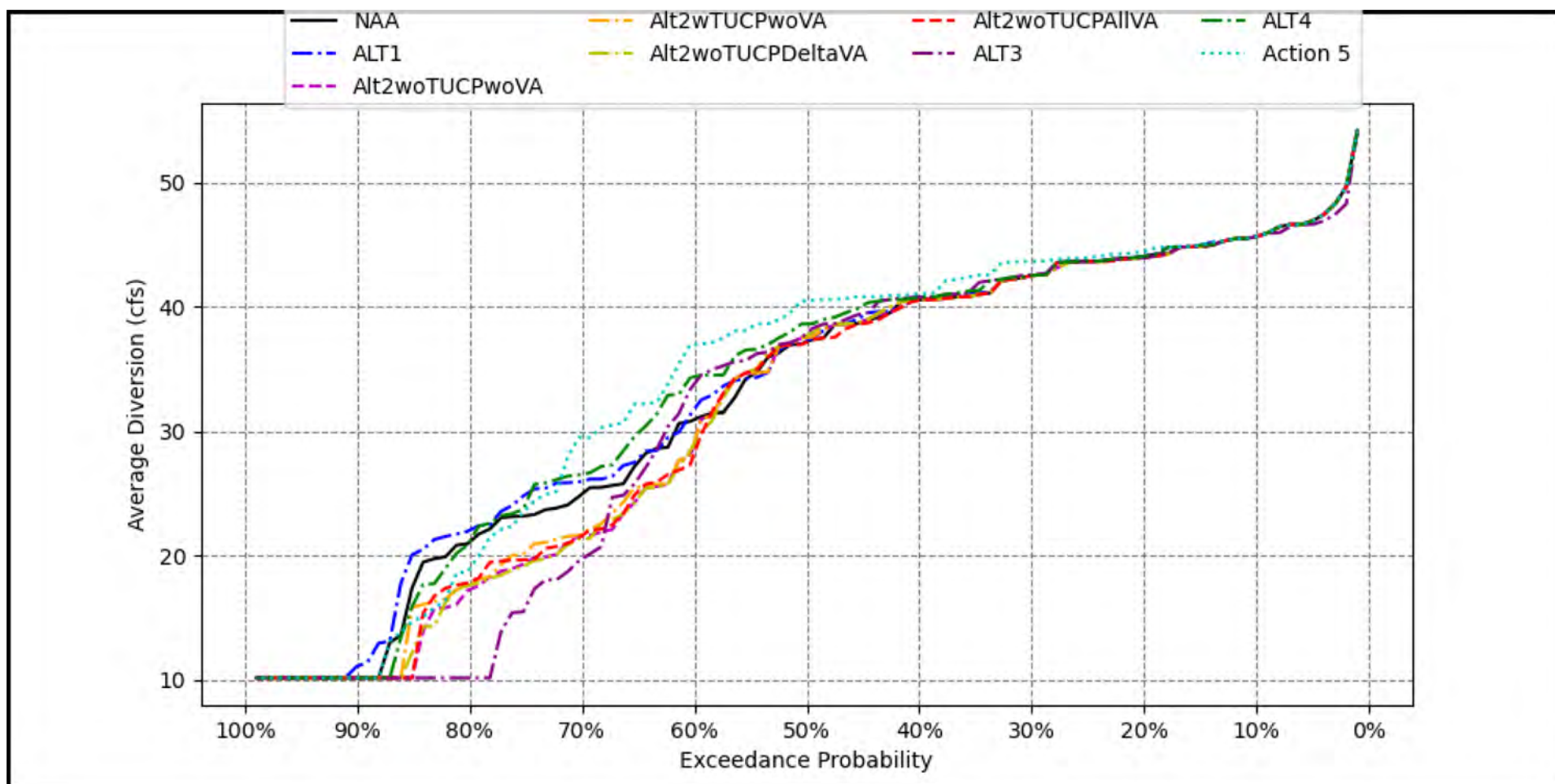
* Water Year Types defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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



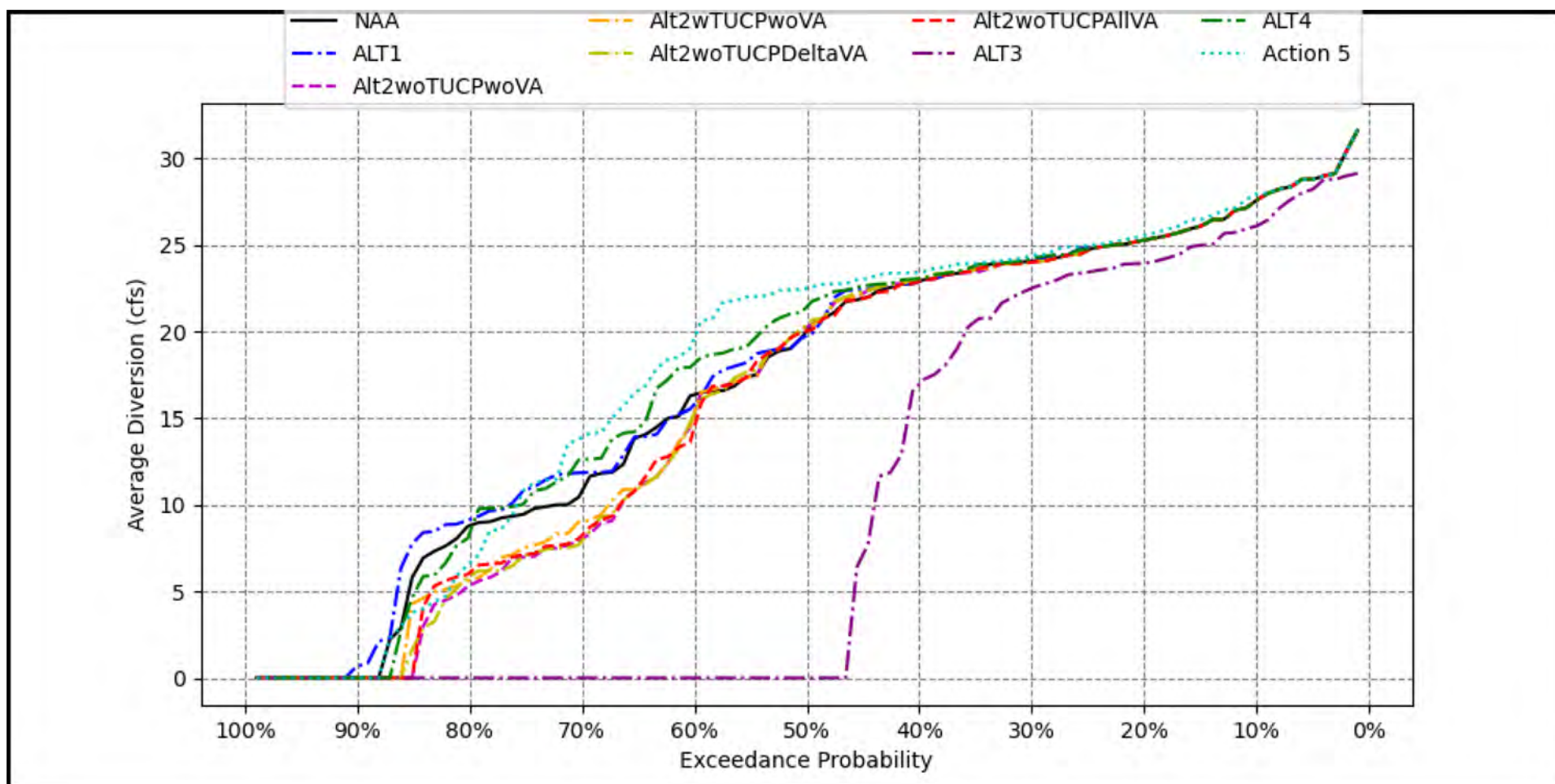
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-4-1 Red Bluff Diversion - Tehama Colusa Canal, October Diversion



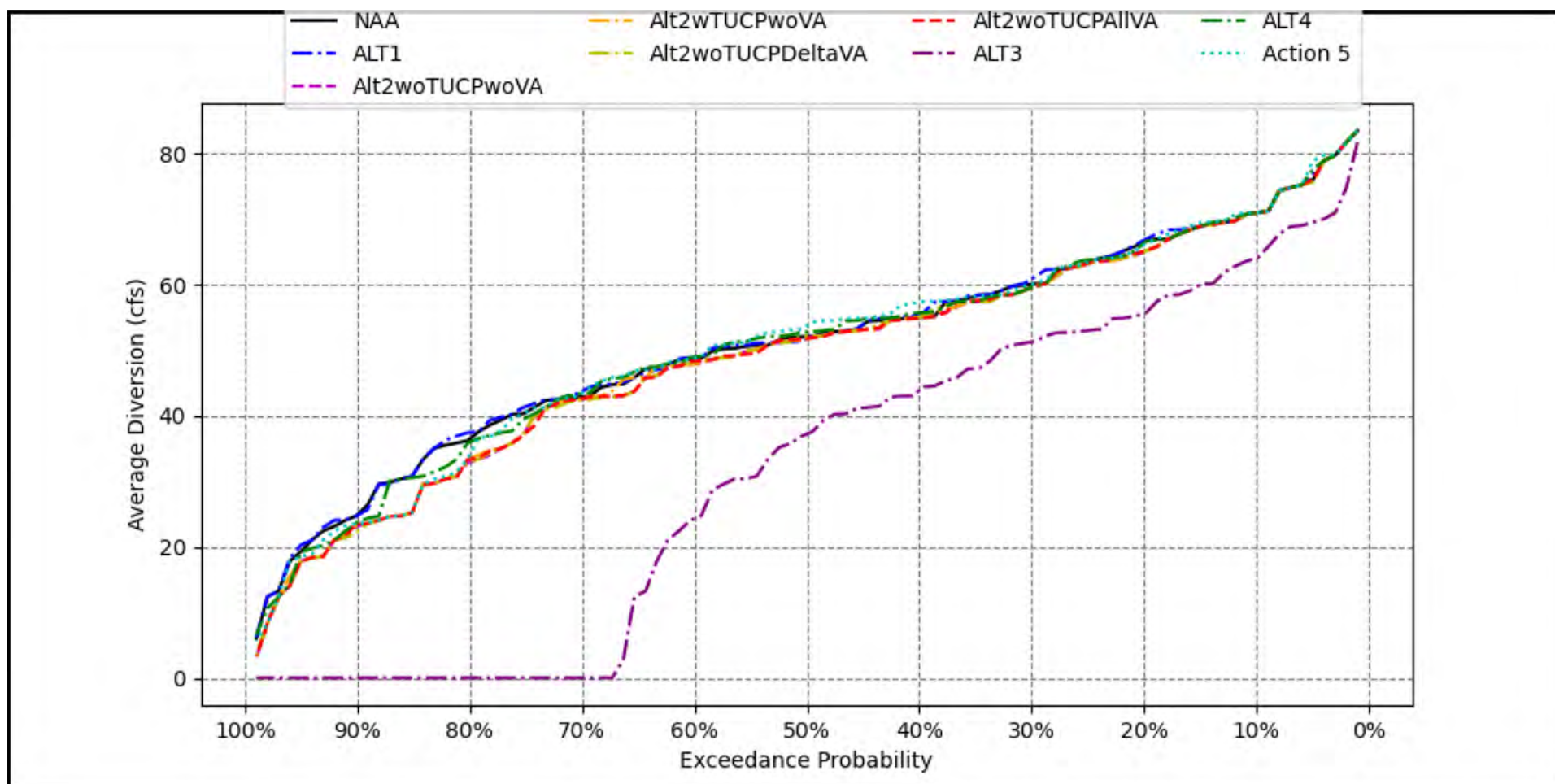
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-4-2 Red Bluff Diversion - Tehama Colusa Canal, November Diversion



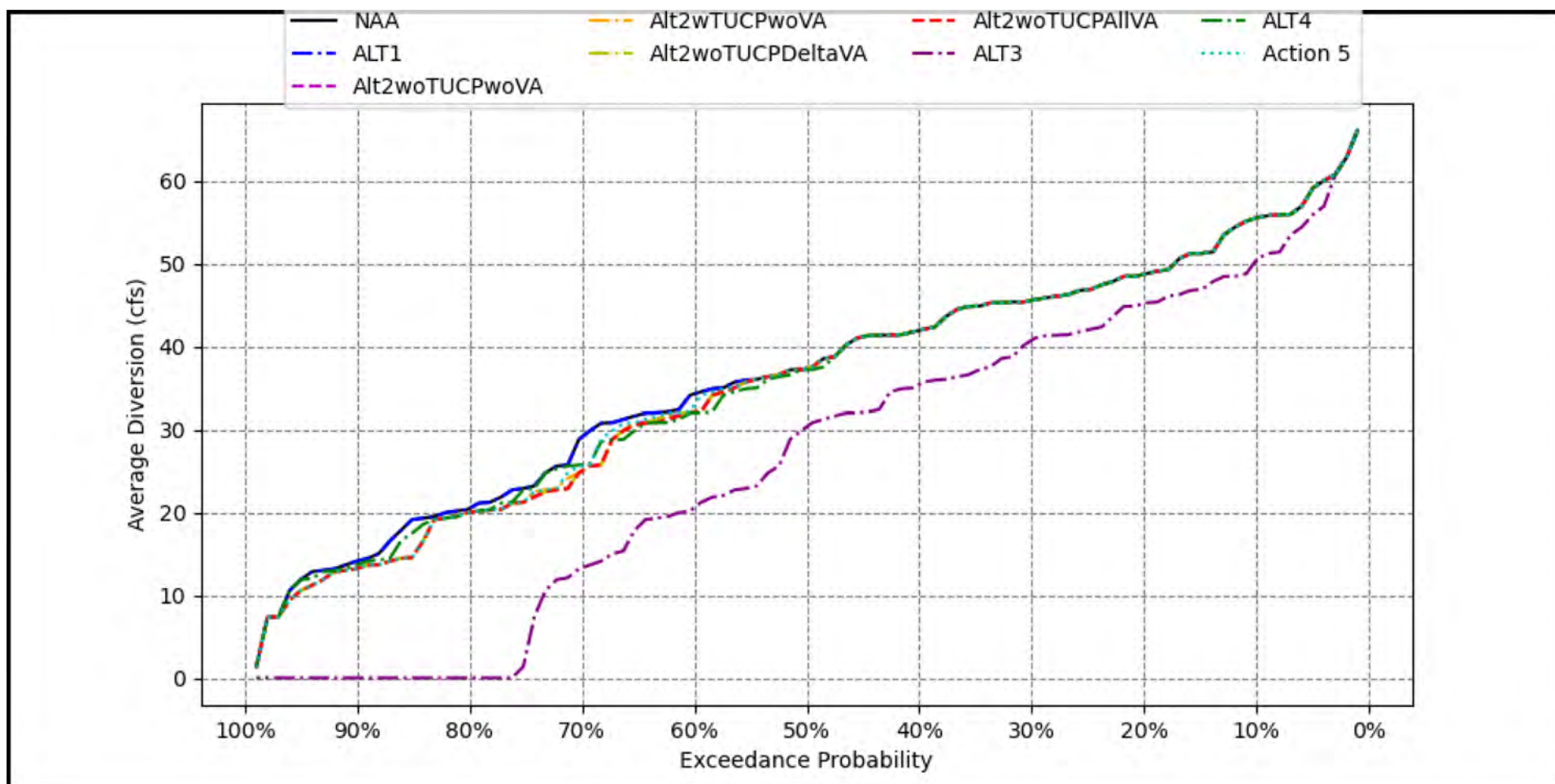
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-4-3 Red Bluff Diversion - Tehama Colusa Canal, December Diversion



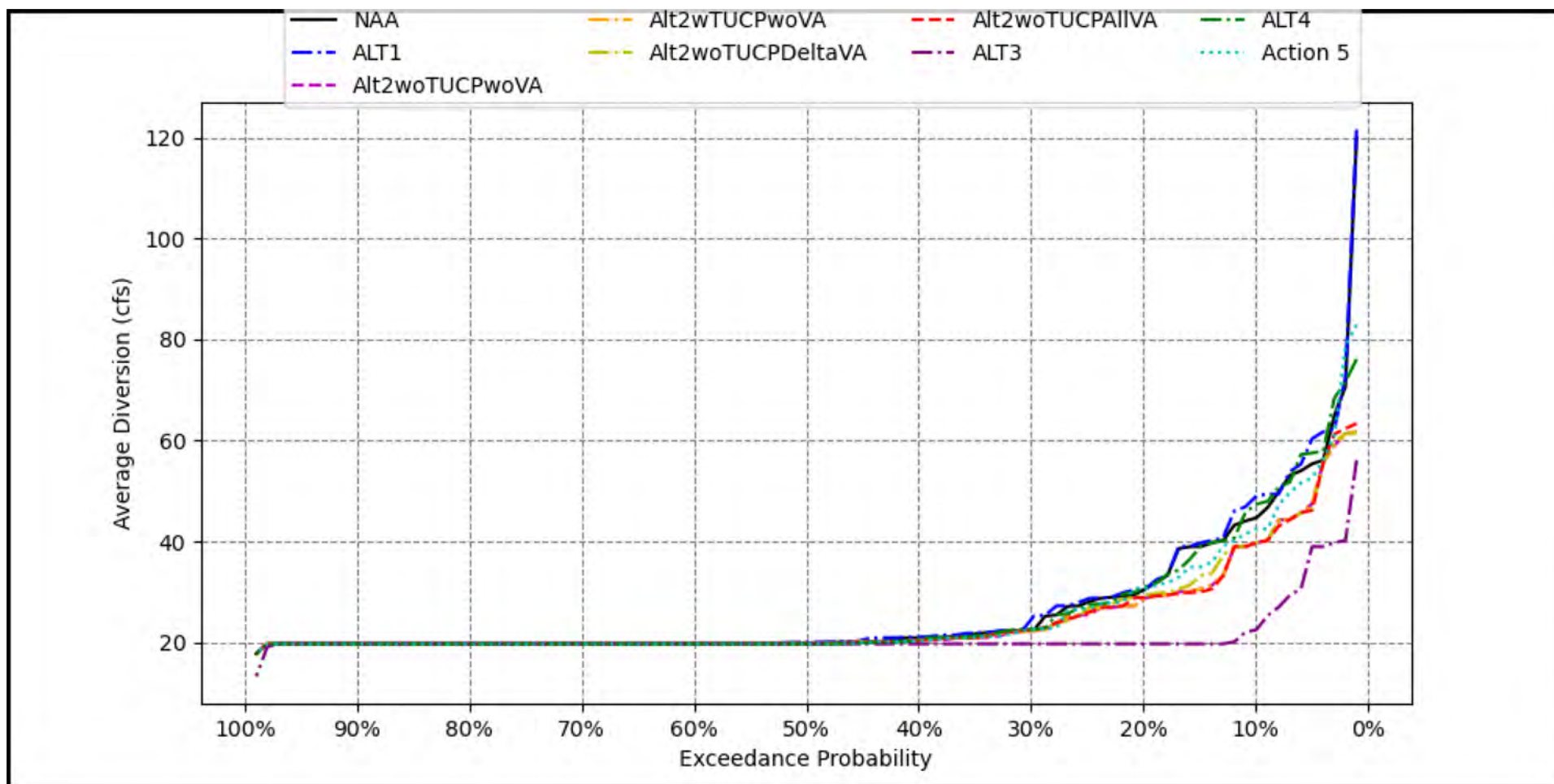
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-4-4 Red Bluff Diversion - Tehama Colusa Canal, January Diversion



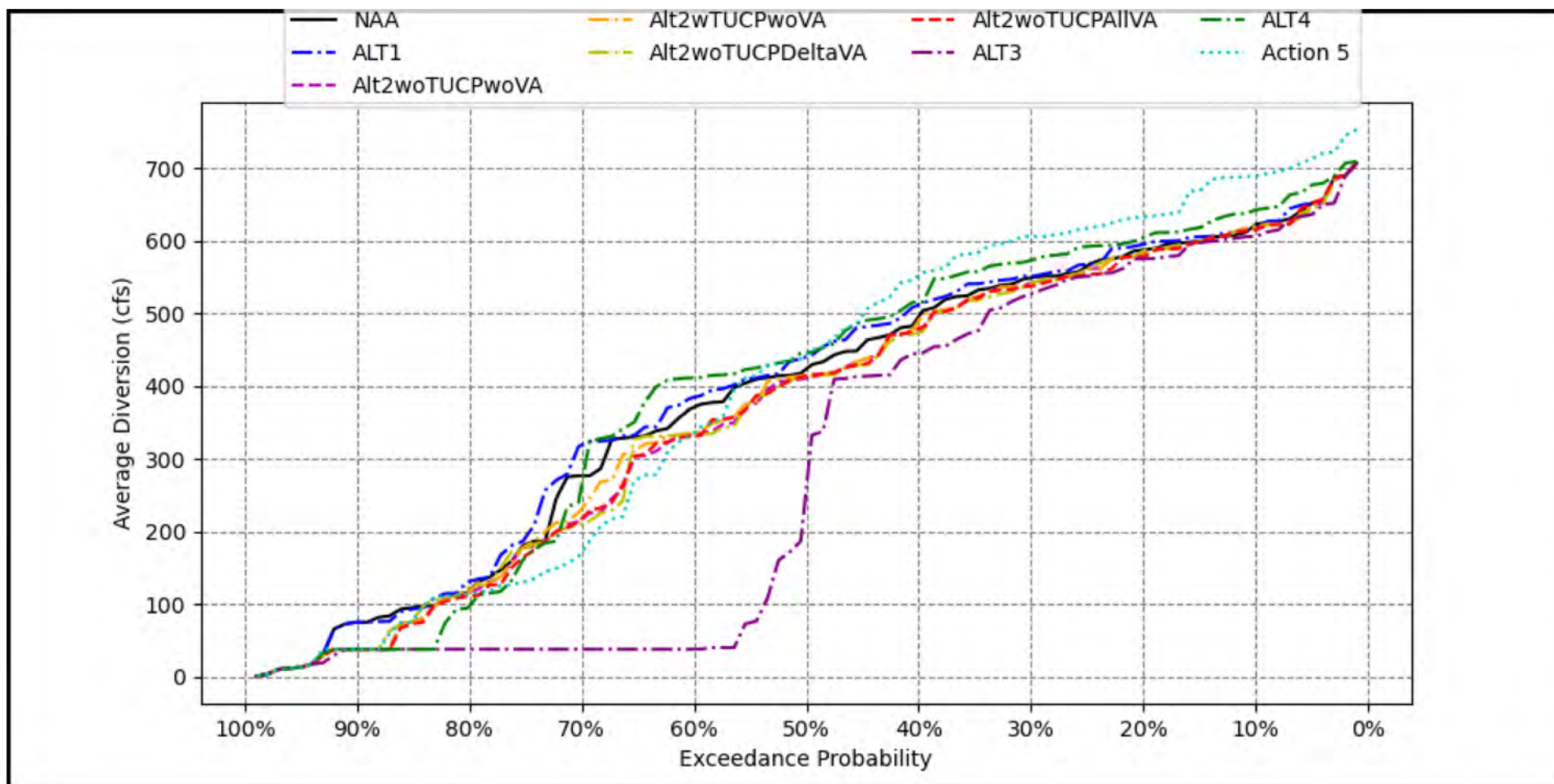
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-4-5 Red Bluff Diversion - Tehama Colusa Canal, February Diversion



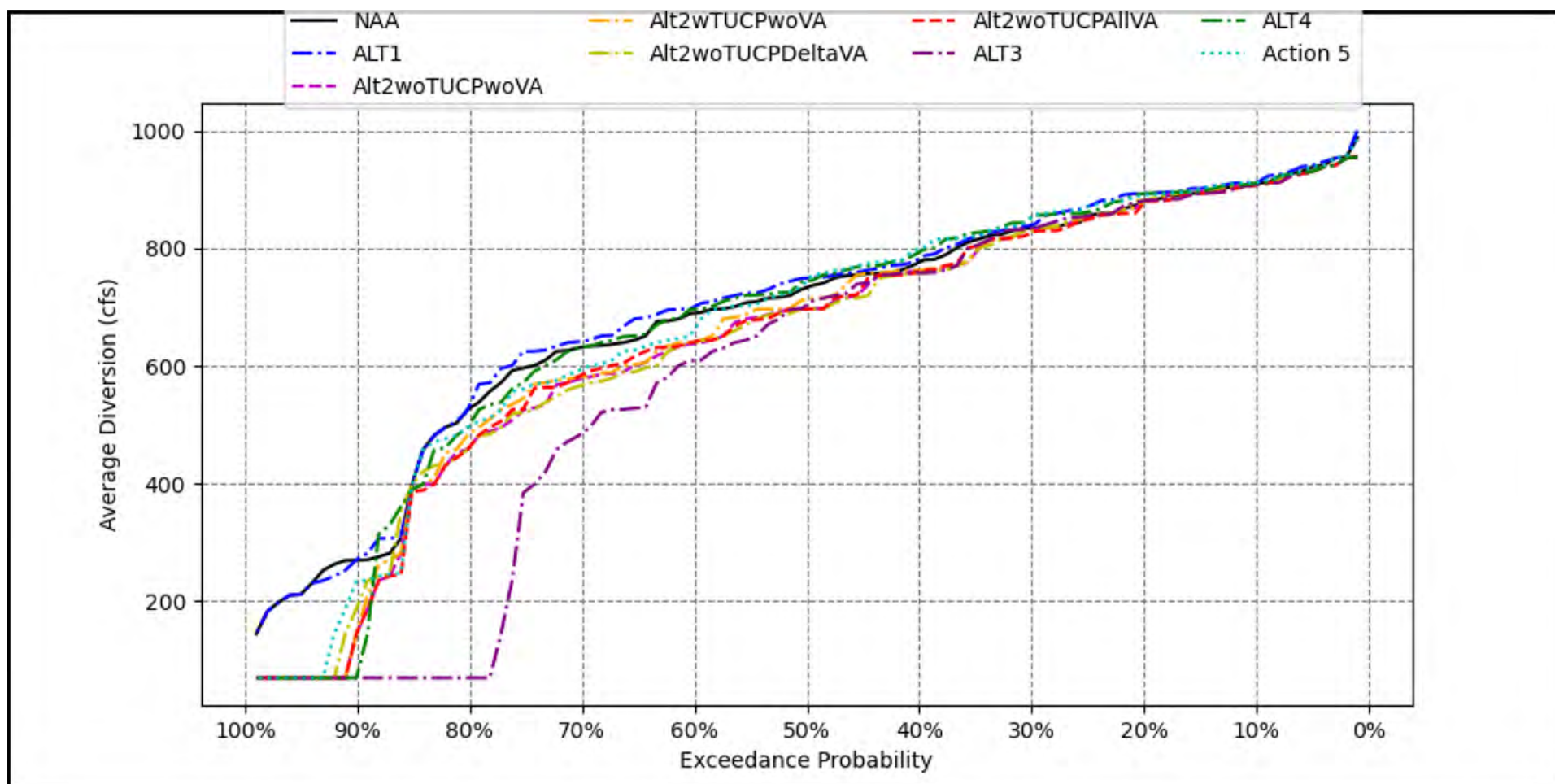
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-4-6 Red Bluff Diversion - Tehama Colusa Canal, March Diversion



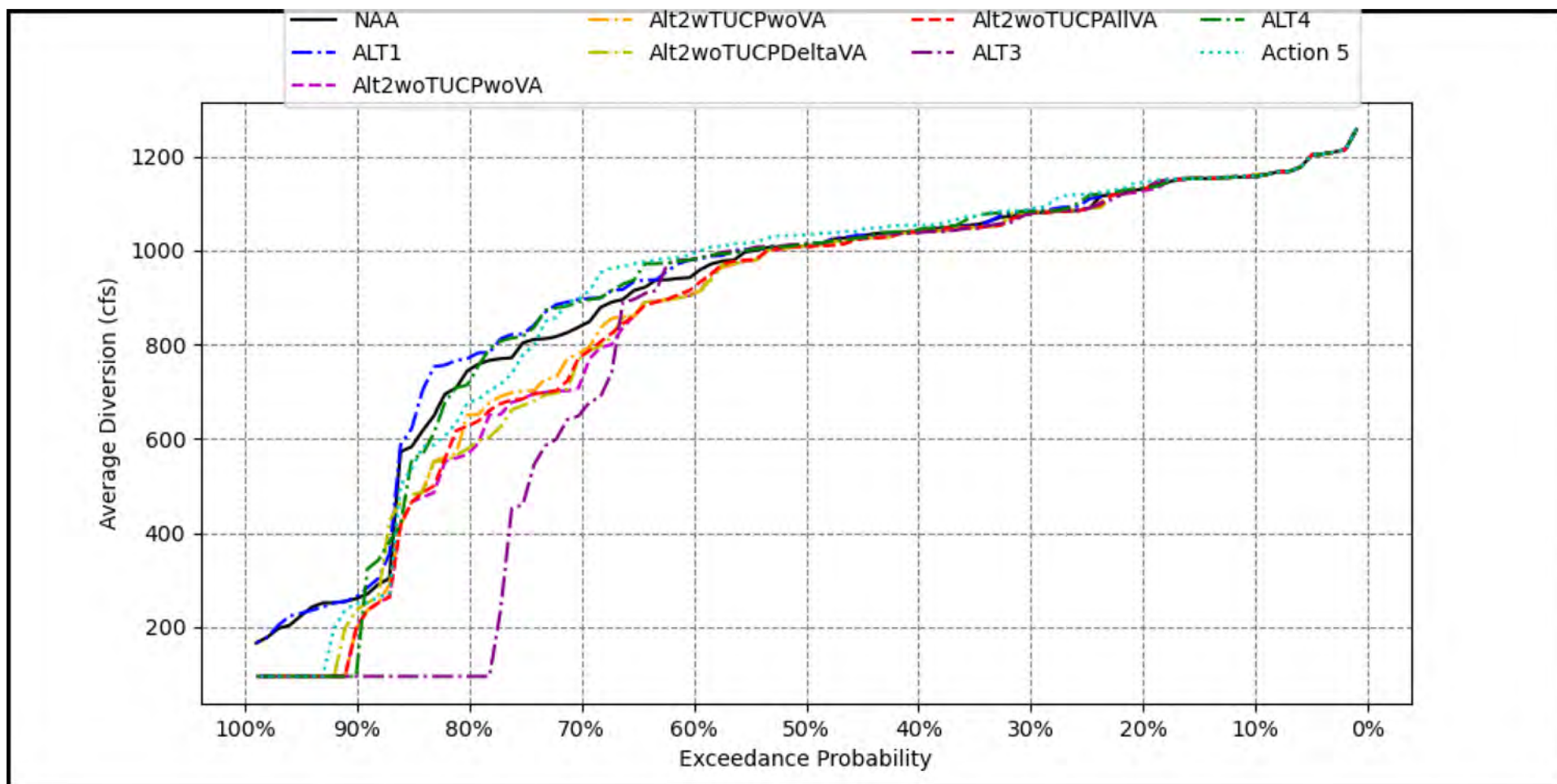
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-4-7 Red Bluff Diversion - Tehama Colusa Canal, April Diversion



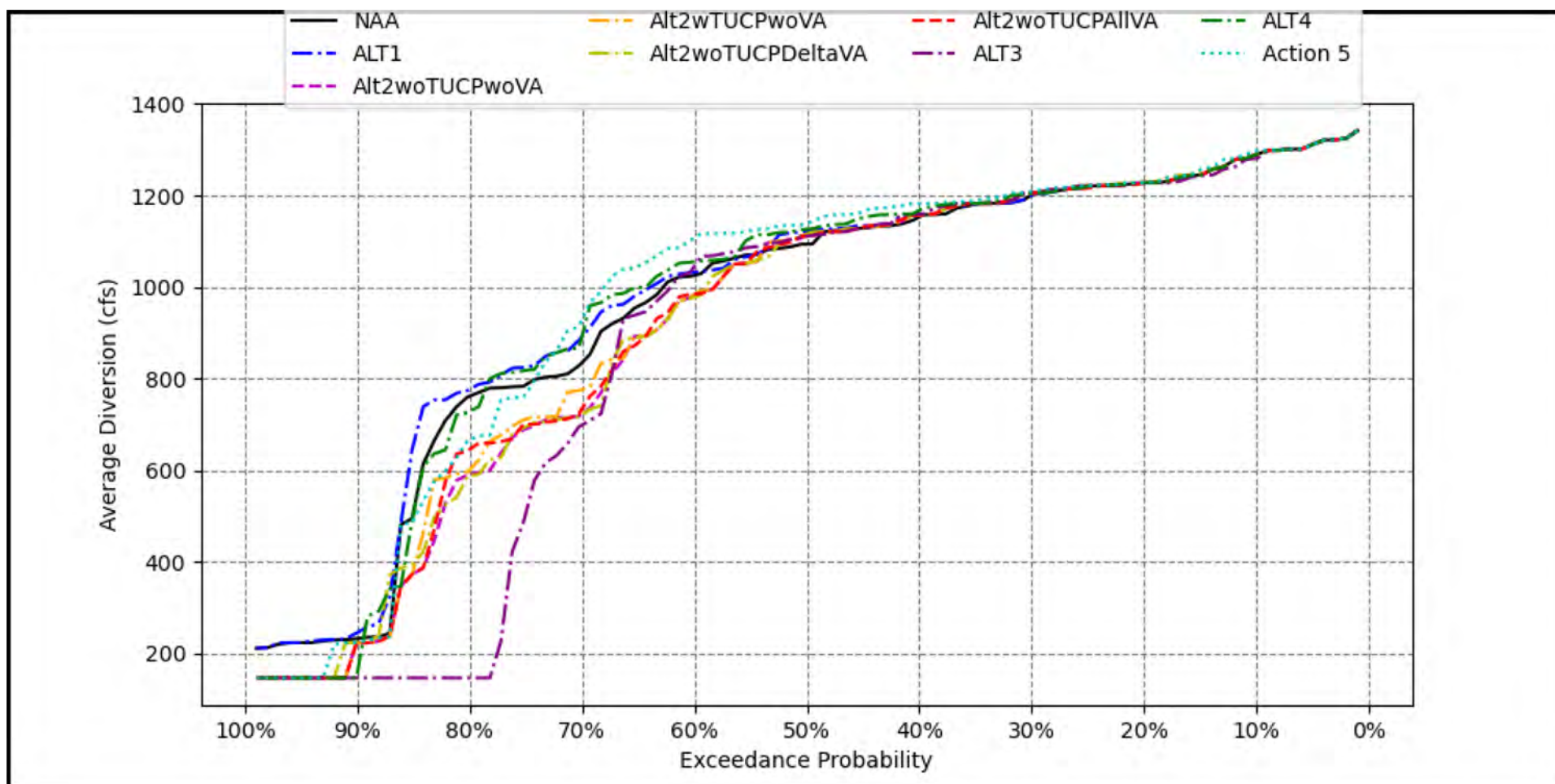
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-4-8 Red Bluff Diversion - Tehama Colusa Canal, May Diversion



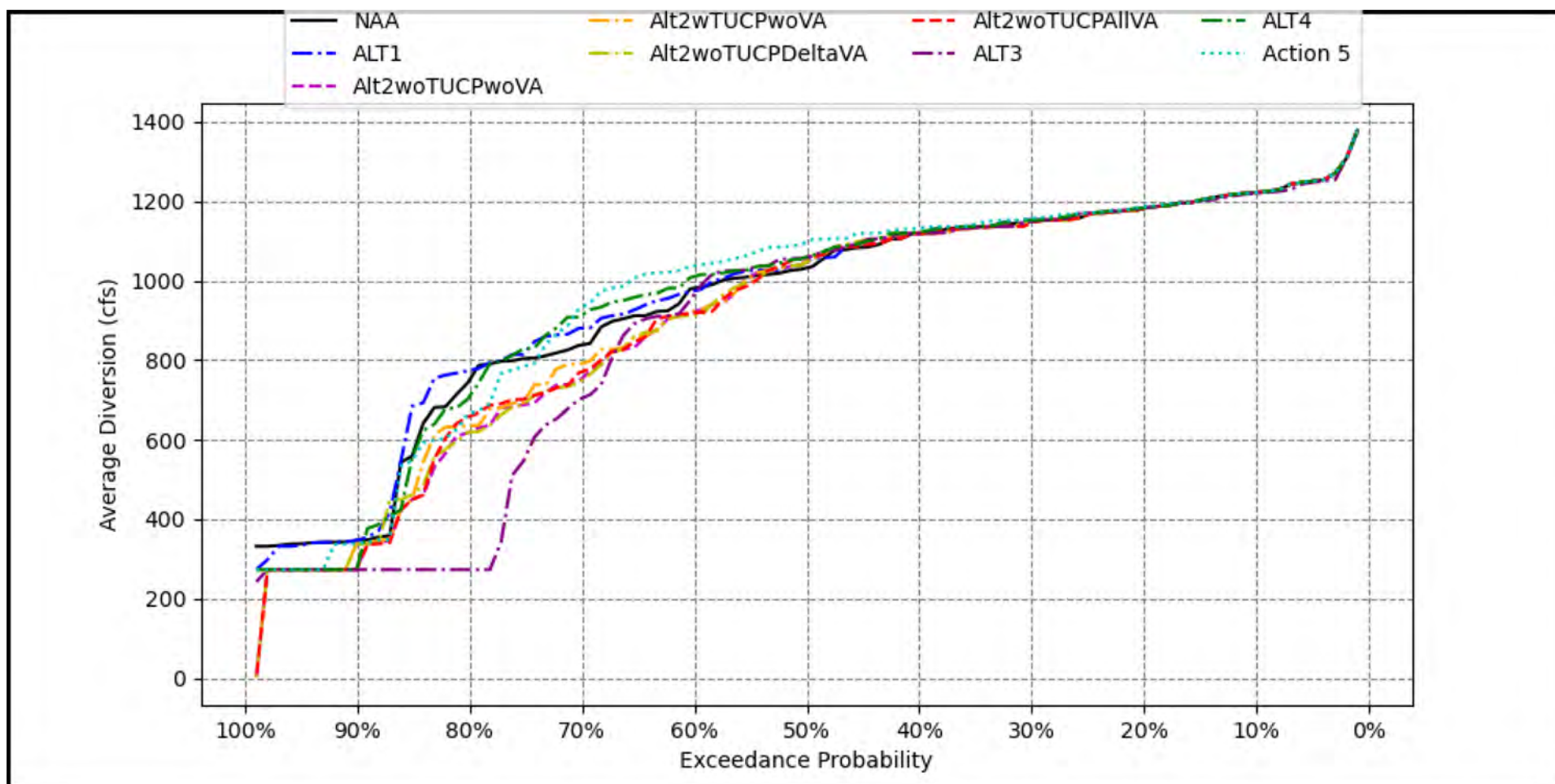
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-4-9 Red Bluff Diversion - Tehama Colusa Canal, June Diversion



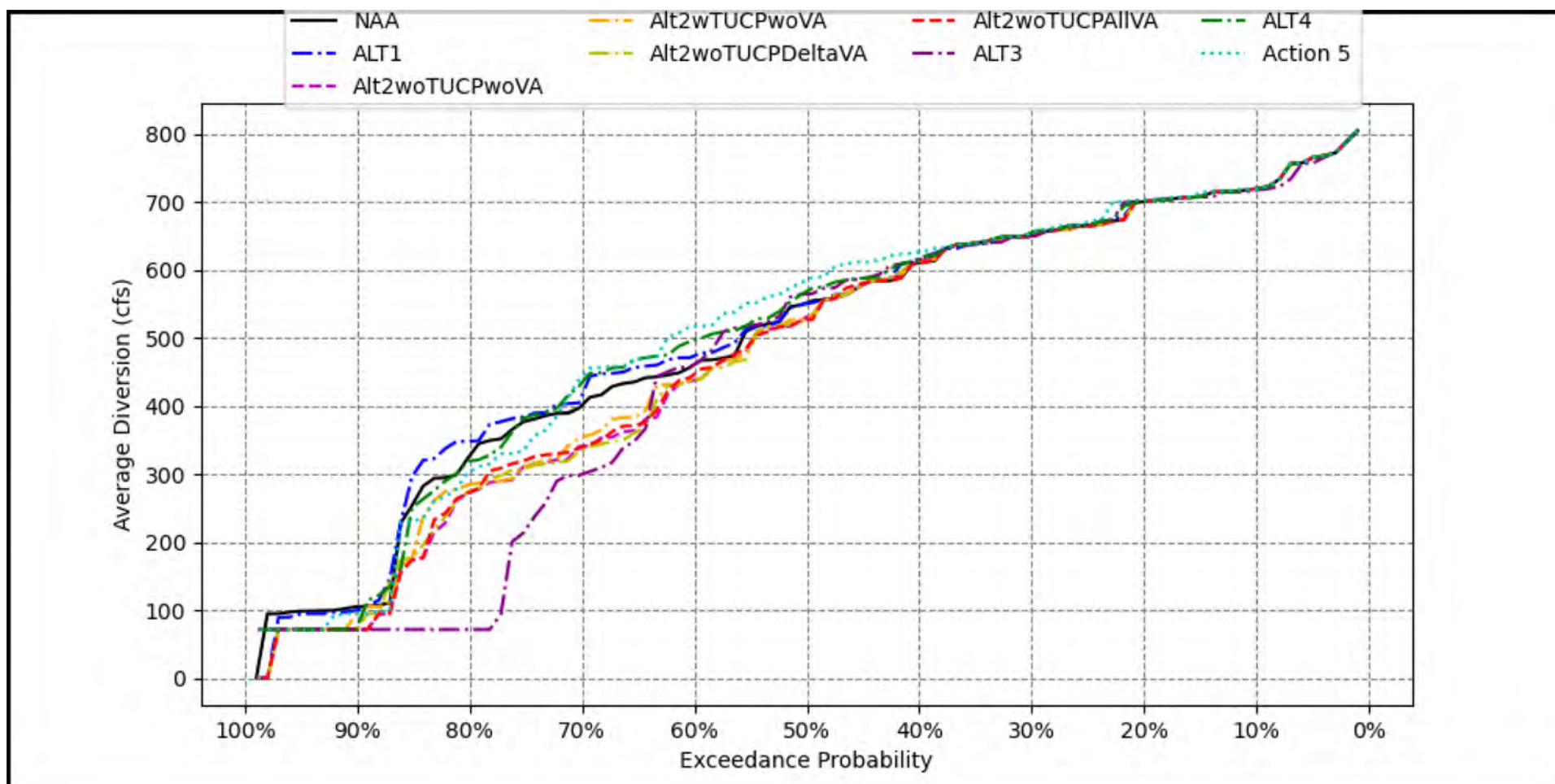
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-4-10 Red Bluff Diversion - Tehama Colusa Canal, July Diversion



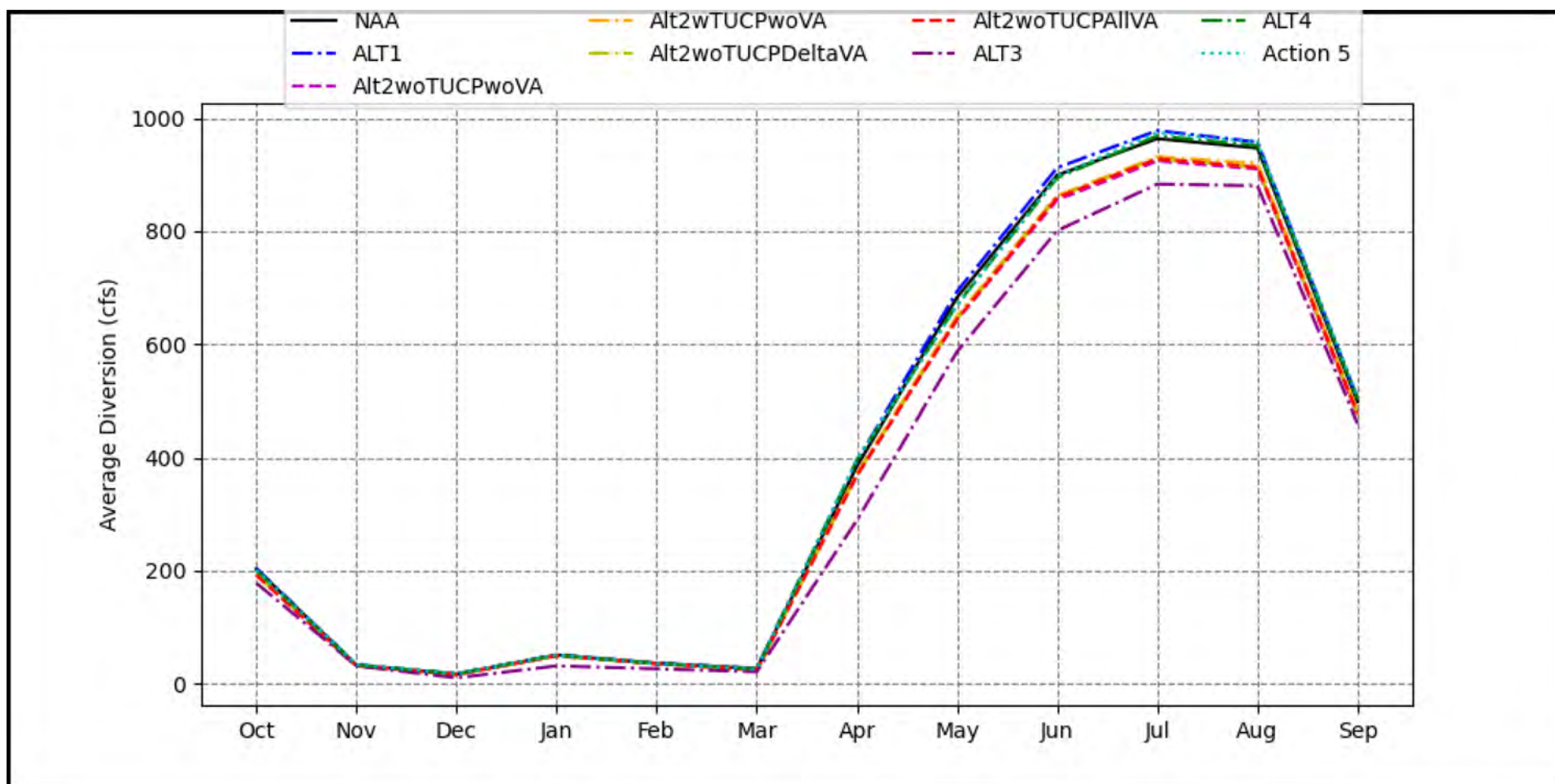
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-4-11 Red Bluff Diversion - Tehama Colusa Canal, August Diversion



*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-4-12 Red Bluff Diversion - Tehama Colusa Canal, September Diversion

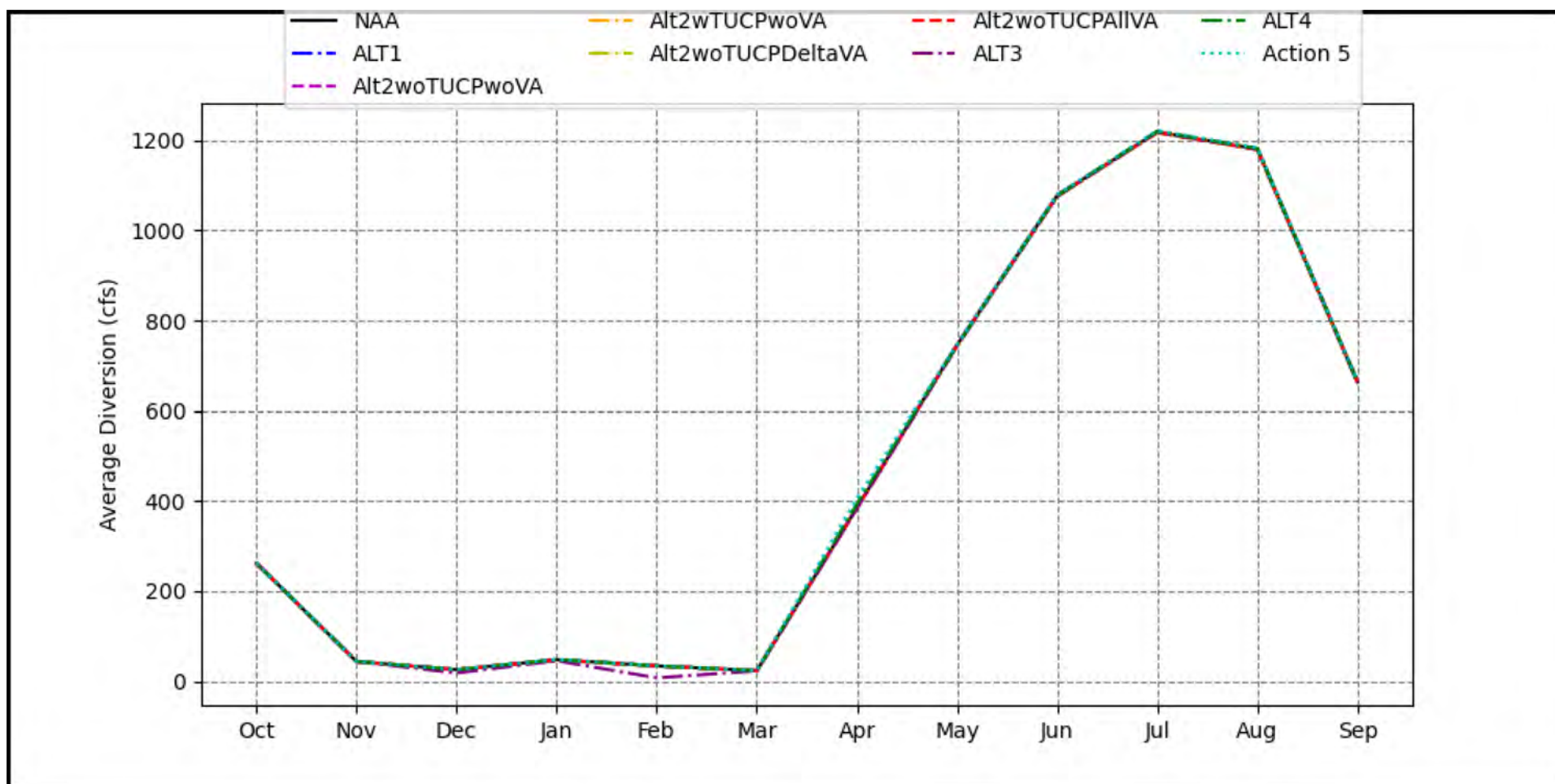


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-4-13 Red Bluff Diversion - Tehama Colusa Canal, Long Term Average Diversion (cfs)

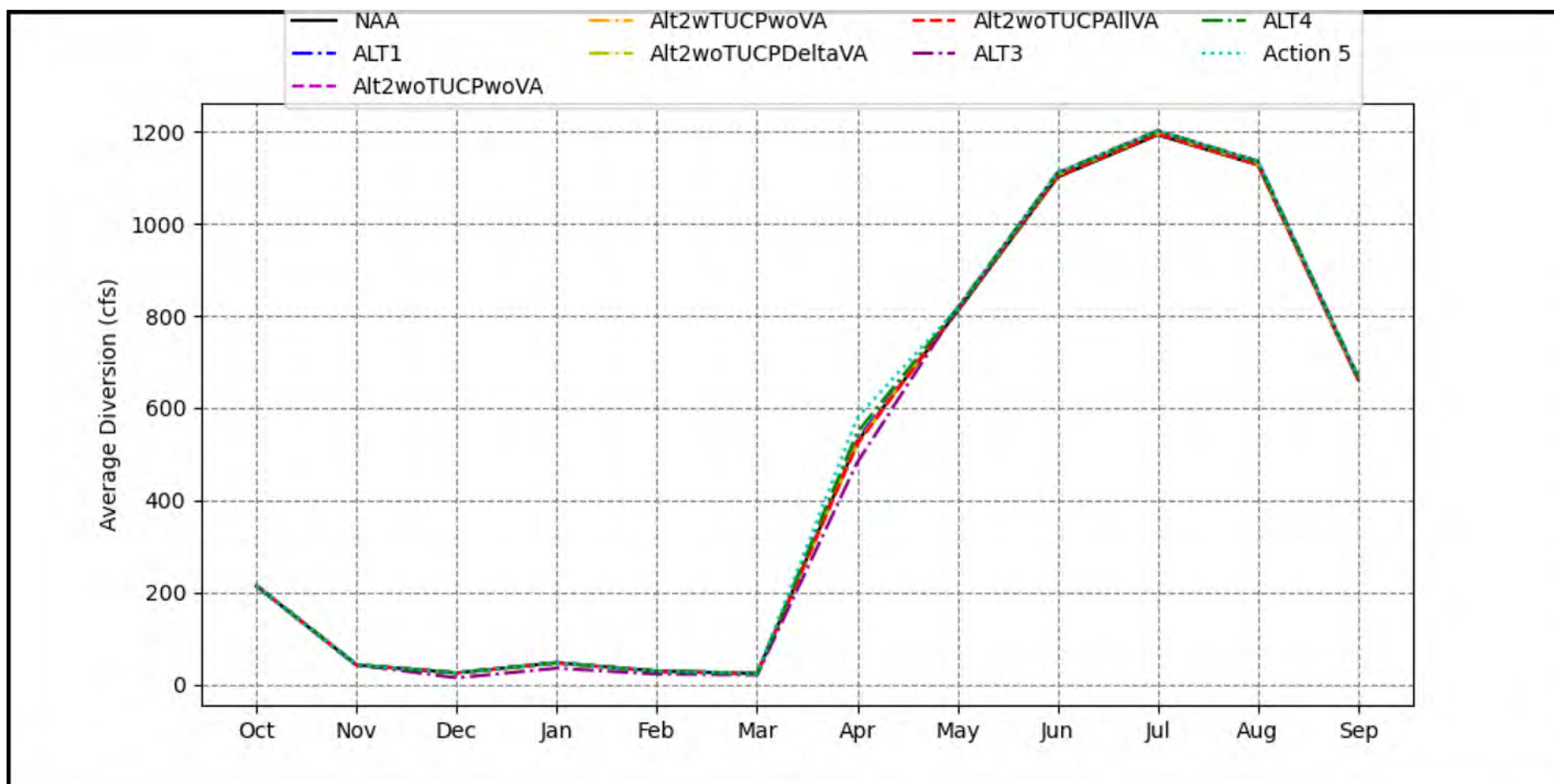


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-4-14 Red Bluff Diversion - Tehama Colusa Canal, Wet Year Average Diversion (cfs)

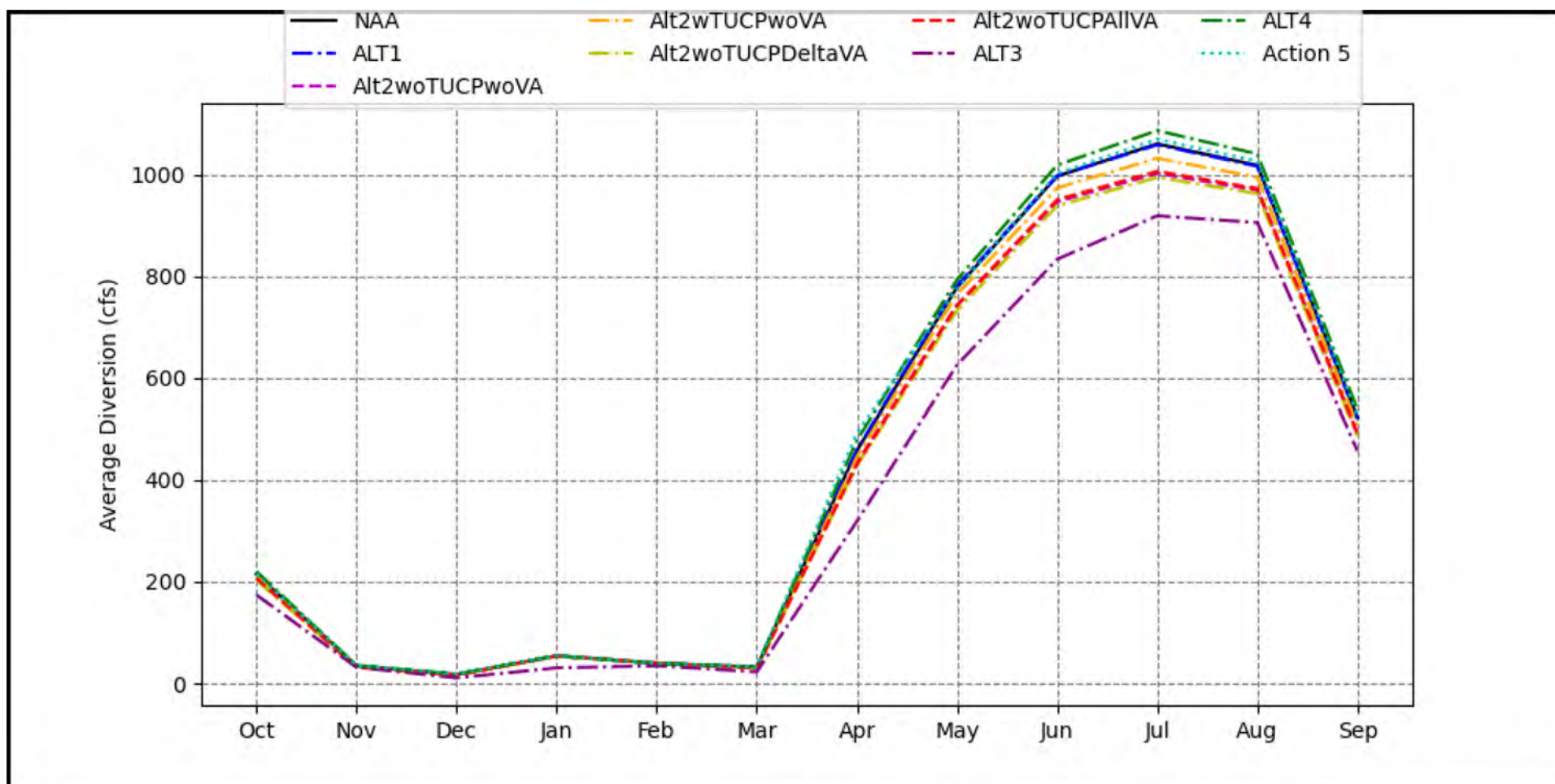


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-4-15 Red Bluff Diversion - Tehama Colusa Canal, Above Normal Year Average Diversion (cfs)

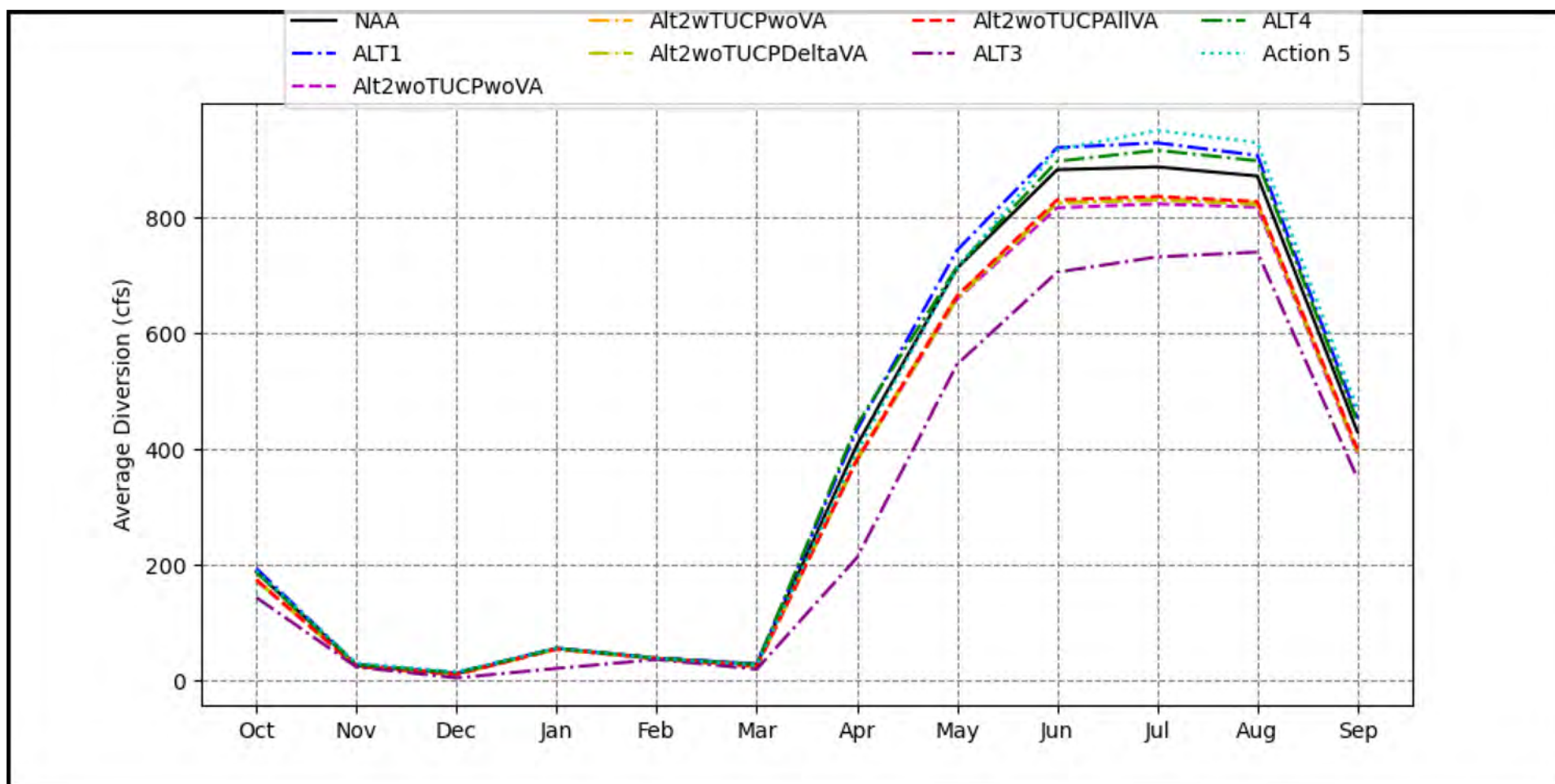


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-4-16 Red Bluff Diversion - Tehama Colusa Canal, Below Normal Year Average Diversion (cfs)

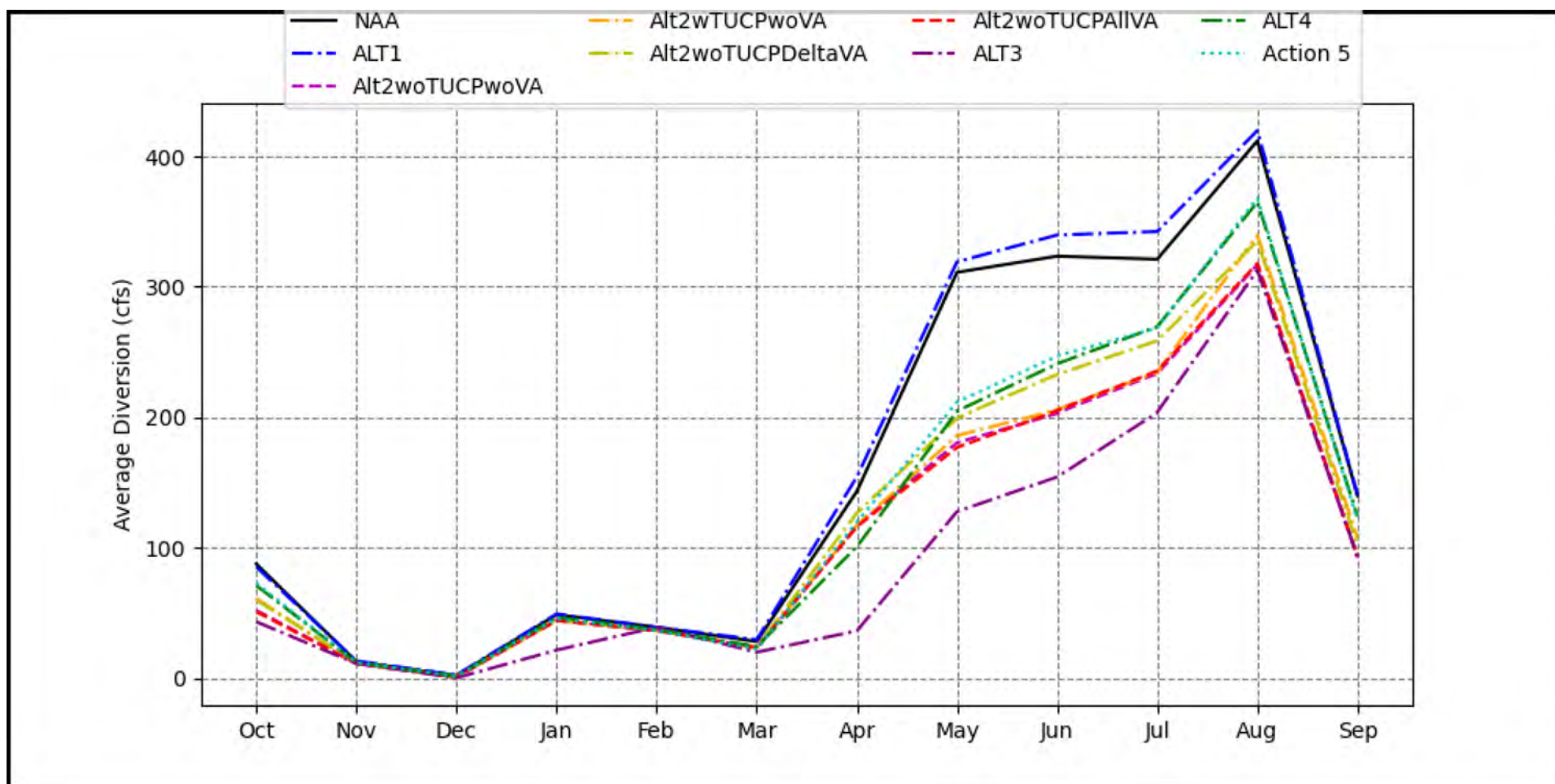


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-4-17 Red Bluff Diversion - Tehama Colusa Canal, Dry Year Average Diversion (cfs)



*As defined by the 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 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-4-18 Red Bluff Diversion - Tehama Colusa Canal, Critical Year Average Diversion (cfs)

F.2.3-5 Hamilton City Diversion - Glenn Colusa Canal

Table F.2.3-5-1 a. Hamilton City Diversion - Glenn Colusa Canal, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	961	968	637	0	7	104	674	2,656	2,680	3,013	2,155	1,211
20% Exceedance	925	929	589	0	6	78	633	2,608	2,627	2,975	2,128	1,175
30% Exceedance	913	904	578	0	6	61	618	2,559	2,570	2,931	2,110	1,150
40% Exceedance	896	872	565	0	5	53	574	2,518	2,544	2,894	2,091	1,130
50% Exceedance	856	849	551	0	5	40	558	2,469	2,507	2,876	2,066	1,111
60% Exceedance	822	832	532	0	5	35	541	2,426	2,466	2,854	2,050	1,081
70% Exceedance	794	803	523	0	4	32	528	2,346	2,401	2,818	2,023	1,064
80% Exceedance	761	759	494	0	3	27	502	2,279	2,348	2,755	1,975	1,007
90% Exceedance	718	734	468	0	3	22	437	2,214	2,234	2,248	1,564	951
Full Simulation Period Average^a	845	849	549	0	5	55	560	2,444	2,480	2,801	2,004	1,094
Wet Years (27.7%)	883	860	558	0	4	32	499	2,442	2,458	2,865	2,076	1,122
Above Normal Years (13.9%)	851	843	549	0	4	37	544	2,478	2,547	2,879	2,050	1,138
Below Normal Years (17.8%)	855	864	540	0	5	60	580	2,517	2,538	2,909	2,093	1,101
Dry Years (23.8%)	857	862	561	0	5	60	601	2,506	2,585	2,920	2,097	1,120
Critical Years (15.8%)	746	795	525	0	6	97	597	2,244	2,234	2,319	1,596	961

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-1 b. Hamilton City Diversion - Glenn Colusa Canal, ALT1, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	961	968	637	0	7	104	674	2,656	2,680	3,013	2,155	1,213
20% Exceedance	925	929	589	0	6	78	633	2,608	2,627	2,975	2,128	1,175
30% Exceedance	913	904	578	0	6	61	618	2,559	2,570	2,931	2,110	1,150
40% Exceedance	896	872	565	0	5	53	574	2,518	2,544	2,894	2,091	1,130
50% Exceedance	856	849	551	0	5	40	558	2,469	2,507	2,876	2,066	1,111
60% Exceedance	823	832	532	0	5	35	541	2,426	2,466	2,854	2,050	1,081
70% Exceedance	794	803	523	0	4	32	528	2,346	2,401	2,818	2,023	1,064
80% Exceedance	759	759	494	0	3	27	502	2,279	2,348	2,755	1,975	1,007
90% Exceedance	712	730	468	0	3	22	437	2,214	2,234	2,248	1,553	926
Full Simulation Period Average^a	839	849	549	0	5	55	560	2,444	2,480	2,801	1,999	1,088
Wet Years (27.7%)	883	860	558	0	4	32	499	2,442	2,458	2,865	2,076	1,122
Above Normal Years (13.9%)	851	843	549	0	4	37	544	2,478	2,547	2,879	2,050	1,139
Below Normal Years (17.8%)	855	864	540	0	5	60	580	2,517	2,538	2,909	2,093	1,101
Dry Years (23.8%)	858	862	561	0	5	60	601	2,506	2,585	2,920	2,097	1,120
Critical Years (15.8%)	705	790	525	0	6	97	597	2,244	2,234	2,319	1,568	922

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-1 c. Hamilton City Diversion - Glenn Colusa Canal, ALT1 Minus NAA, Monthly Diversion (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	0	0	2
20% Exceedance	0	0	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	1
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	1	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	-3	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	-6	-4	0	0	0	0	0	0	0	0	-11	-24
Full Simulation Period Average^a	-6	-1	0	0	0	0	0	0	0	0	-4	-6
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	1
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	-40	-4	0	0	0	0	0	0	0	0	-28	-39

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-2 a. Hamilton City Diversion - Glenn Colusa Canal, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	961	968	637	0	7	104	674	2,656	2,680	3,013	2,155	1,211
20% Exceedance	925	929	589	0	6	78	633	2,608	2,627	2,975	2,128	1,175
30% Exceedance	913	904	578	0	6	61	618	2,559	2,570	2,931	2,110	1,150
40% Exceedance	896	872	565	0	5	53	574	2,518	2,544	2,894	2,091	1,130
50% Exceedance	856	849	551	0	5	40	558	2,469	2,507	2,876	2,066	1,111
60% Exceedance	822	832	532	0	5	35	541	2,426	2,466	2,854	2,050	1,081
70% Exceedance	794	803	523	0	4	32	528	2,346	2,401	2,818	2,023	1,064
80% Exceedance	761	759	494	0	3	27	502	2,279	2,348	2,755	1,975	1,007
90% Exceedance	718	734	468	0	3	22	437	2,214	2,234	2,248	1,564	951
Full Simulation Period Average^a	845	849	549	0	5	55	560	2,444	2,480	2,801	2,004	1,094
Wet Years (27.7%)	883	860	558	0	4	32	499	2,442	2,458	2,865	2,076	1,122
Above Normal Years (13.9%)	851	843	549	0	4	37	544	2,478	2,547	2,879	2,050	1,138
Below Normal Years (17.8%)	855	864	540	0	5	60	580	2,517	2,538	2,909	2,093	1,101
Dry Years (23.8%)	857	862	561	0	5	60	601	2,506	2,585	2,920	2,097	1,120
Critical Years (15.8%)	746	795	525	0	6	97	597	2,244	2,234	2,319	1,596	961

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-2 b. Hamilton City Diversion - Glenn Colusa Canal, Alt2woTUCPwoVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	961	968	637	0	7	102	668	2,656	2,680	3,013	2,154	1,211
20% Exceedance	925	928	589	0	6	78	629	2,608	2,627	2,975	2,128	1,175
30% Exceedance	913	901	578	0	6	60	612	2,559	2,570	2,931	2,110	1,150
40% Exceedance	896	869	565	0	5	53	572	2,518	2,544	2,894	2,093	1,130
50% Exceedance	856	848	548	0	5	40	550	2,469	2,507	2,876	2,066	1,111
60% Exceedance	817	830	531	0	5	35	535	2,426	2,466	2,854	2,050	1,081
70% Exceedance	781	802	520	0	4	32	518	2,343	2,401	2,818	2,023	1,059
80% Exceedance	757	763	489	0	3	27	467	2,260	2,348	2,755	1,975	1,001
90% Exceedance	683	741	464	0	2	22	389	2,076	2,204	2,206	1,560	894
Full Simulation Period Average^a	829	851	547	0	5	54	548	2,374	2,410	2,729	1,951	1,061
Wet Years (27.7%)	883	860	558	0	4	32	499	2,442	2,458	2,865	2,076	1,122
Above Normal Years (13.9%)	851	843	549	0	4	37	544	2,478	2,547	2,879	2,050	1,138
Below Normal Years (17.8%)	855	864	540	0	5	60	580	2,517	2,538	2,909	2,093	1,101
Dry Years (23.8%)	858	862	561	0	5	60	601	2,506	2,585	2,919	2,097	1,120
Critical Years (15.8%)	637	809	513	0	5	94	521	1,806	1,799	1,871	1,268	756

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-2 c. Hamilton City Diversion - Glenn Colusa Canal, Alt2woTUCPwoVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	-2	-6	0	0	0	-1	0
20% Exceedance	0	-1	0	0	0	0	-4	0	0	0	-1	0
30% Exceedance	0	-3	0	0	0	-1	-5	0	0	0	0	0
40% Exceedance	0	-4	0	0	0	0	-2	0	0	0	2	0
50% Exceedance	0	-1	-3	0	0	0	-8	0	0	0	0	0
60% Exceedance	-4	-1	-1	0	0	0	-5	0	0	-1	0	0
70% Exceedance	-14	-1	-3	0	0	0	-11	-3	0	0	0	-5
80% Exceedance	-4	4	-5	0	0	0	-35	-19	0	0	0	-6
90% Exceedance	-35	7	-4	0	-1	0	-48	-138	-30	-42	-3	-57
Full Simulation Period Average^a	-16	2	-2	0	0	0	-12	-70	-69	-72	-52	-33
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	-1	0	0
Critical Years (15.8%)	-109	14	-12	0	-1	-3	-75	-438	-434	-448	-327	-205

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-3 a. Hamilton City Diversion - Glenn Colusa Canal, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	961	968	637	0	7	104	674	2,656	2,680	3,013	2,155	1,211
20% Exceedance	925	929	589	0	6	78	633	2,608	2,627	2,975	2,128	1,175
30% Exceedance	913	904	578	0	6	61	618	2,559	2,570	2,931	2,110	1,150
40% Exceedance	896	872	565	0	5	53	574	2,518	2,544	2,894	2,091	1,130
50% Exceedance	856	849	551	0	5	40	558	2,469	2,507	2,876	2,066	1,111
60% Exceedance	822	832	532	0	5	35	541	2,426	2,466	2,854	2,050	1,081
70% Exceedance	794	803	523	0	4	32	528	2,346	2,401	2,818	2,023	1,064
80% Exceedance	761	759	494	0	3	27	502	2,279	2,348	2,755	1,975	1,007
90% Exceedance	718	734	468	0	3	22	437	2,214	2,234	2,248	1,564	951
Full Simulation Period Average^a	845	849	549	0	5	55	560	2,444	2,480	2,801	2,004	1,094
Wet Years (27.7%)	883	860	558	0	4	32	499	2,442	2,458	2,865	2,076	1,122
Above Normal Years (13.9%)	851	843	549	0	4	37	544	2,478	2,547	2,879	2,050	1,138
Below Normal Years (17.8%)	855	864	540	0	5	60	580	2,517	2,538	2,909	2,093	1,101
Dry Years (23.8%)	857	862	561	0	5	60	601	2,506	2,585	2,920	2,097	1,120
Critical Years (15.8%)	746	795	525	0	6	97	597	2,244	2,234	2,319	1,596	961

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-3 b. Hamilton City Diversion - Glenn Colusa Canal, Alt2wTUCPwoVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	961	968	637	0	7	102	668	2,656	2,680	3,013	2,154	1,211
20% Exceedance	925	928	589	0	6	78	629	2,608	2,627	2,975	2,128	1,175
30% Exceedance	913	901	578	0	6	60	612	2,559	2,570	2,931	2,110	1,150
40% Exceedance	896	869	565	0	5	53	572	2,518	2,544	2,894	2,093	1,130
50% Exceedance	857	848	548	0	5	40	550	2,469	2,507	2,876	2,066	1,111
60% Exceedance	819	830	531	0	5	35	535	2,426	2,466	2,854	2,050	1,081
70% Exceedance	789	804	520	0	4	32	518	2,343	2,401	2,818	2,023	1,059
80% Exceedance	759	777	489	0	3	27	467	2,260	2,348	2,755	1,975	1,001
90% Exceedance	712	743	464	0	2	22	389	2,076	2,204	2,206	1,551	924
Full Simulation Period Average^a	835	853	547	0	5	54	548	2,376	2,412	2,730	1,951	1,065
Wet Years (27.7%)	883	860	558	0	4	32	499	2,442	2,458	2,865	2,076	1,122
Above Normal Years (13.9%)	851	843	549	0	4	37	544	2,478	2,547	2,879	2,050	1,138
Below Normal Years (17.8%)	855	864	540	0	5	60	580	2,517	2,538	2,909	2,093	1,101
Dry Years (23.8%)	858	862	561	0	5	60	601	2,506	2,585	2,919	2,097	1,120
Critical Years (15.8%)	677	823	514	0	5	94	521	1,815	1,808	1,881	1,268	778

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-3 c. Hamilton City Diversion - Glenn Colusa Canal, Alt2wTUCPwoVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	-2	-6	0	0	0	-1	0
20% Exceedance	0	-1	0	0	0	0	-4	0	0	0	-1	0
30% Exceedance	0	-3	0	0	0	-1	-5	0	0	0	0	0
40% Exceedance	0	-4	0	0	0	0	-2	0	0	0	2	0
50% Exceedance	0	-1	-3	0	0	0	-8	0	0	0	0	0
60% Exceedance	-3	-1	-1	0	0	0	-5	0	0	-1	0	0
70% Exceedance	-6	1	-3	0	0	0	-11	-3	0	0	0	-5
80% Exceedance	-3	18	-5	0	0	0	-35	-19	0	0	0	-6
90% Exceedance	-6	9	-4	0	-1	0	-48	-138	-30	-42	-13	-27
Full Simulation Period Average^a	-10	4	-2	0	0	0	-12	-69	-68	-70	-52	-29
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	-1	0	0
Critical Years (15.8%)	-69	29	-11	0	-1	-3	-75	-428	-425	-438	-328	-183

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-4 a. Hamilton City Diversion - Glenn Colusa Canal, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	961	968	637	0	7	104	674	2,656	2,680	3,013	2,155	1,211
20% Exceedance	925	929	589	0	6	78	633	2,608	2,627	2,975	2,128	1,175
30% Exceedance	913	904	578	0	6	61	618	2,559	2,570	2,931	2,110	1,150
40% Exceedance	896	872	565	0	5	53	574	2,518	2,544	2,894	2,091	1,130
50% Exceedance	856	849	551	0	5	40	558	2,469	2,507	2,876	2,066	1,111
60% Exceedance	822	832	532	0	5	35	541	2,426	2,466	2,854	2,050	1,081
70% Exceedance	794	803	523	0	4	32	528	2,346	2,401	2,818	2,023	1,064
80% Exceedance	761	759	494	0	3	27	502	2,279	2,348	2,755	1,975	1,007
90% Exceedance	718	734	468	0	3	22	437	2,214	2,234	2,248	1,564	951
Full Simulation Period Average^a	845	849	549	0	5	55	560	2,444	2,480	2,801	2,004	1,094
Wet Years (27.7%)	883	860	558	0	4	32	499	2,442	2,458	2,865	2,076	1,122
Above Normal Years (13.9%)	851	843	549	0	4	37	544	2,478	2,547	2,879	2,050	1,138
Below Normal Years (17.8%)	855	864	540	0	5	60	580	2,517	2,538	2,909	2,093	1,101
Dry Years (23.8%)	857	862	561	0	5	60	601	2,506	2,585	2,920	2,097	1,120
Critical Years (15.8%)	746	795	525	0	6	97	597	2,244	2,234	2,319	1,596	961

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-4 b. Hamilton City Diversion - Glenn Colusa Canal, Alt2woTUCPDeltaVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	961	968	637	0	7	102	674	2,656	2,680	3,013	2,154	1,211
20% Exceedance	925	928	589	0	6	78	633	2,608	2,627	2,975	2,128	1,175
30% Exceedance	913	902	578	0	6	60	616	2,559	2,570	2,931	2,110	1,150
40% Exceedance	896	869	565	0	5	53	573	2,518	2,544	2,894	2,093	1,130
50% Exceedance	856	848	548	0	5	40	553	2,469	2,507	2,876	2,066	1,111
60% Exceedance	817	830	531	0	5	35	536	2,426	2,466	2,854	2,050	1,081
70% Exceedance	781	802	520	0	4	32	522	2,343	2,401	2,818	2,023	1,059
80% Exceedance	757	763	489	0	3	27	467	2,260	2,348	2,755	1,975	1,001
90% Exceedance	683	741	464	0	2	22	389	2,077	2,222	2,206	1,560	886
Full Simulation Period Average^a	829	851	547	0	5	54	550	2,374	2,410	2,729	1,951	1,060
Wet Years (27.7%)	883	860	558	0	4	32	499	2,442	2,458	2,865	2,076	1,122
Above Normal Years (13.9%)	851	843	549	0	4	37	544	2,478	2,547	2,879	2,050	1,138
Below Normal Years (17.8%)	855	864	540	0	5	60	580	2,517	2,538	2,909	2,093	1,101
Dry Years (23.8%)	858	862	561	0	5	60	601	2,506	2,585	2,919	2,097	1,120
Critical Years (15.8%)	637	809	513	0	5	94	536	1,806	1,801	1,873	1,269	747

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-4 c. Hamilton City Diversion - Glenn Colusa Canal, Alt2woTUCPDeltaVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	-2	0	0	0	0	-1	0
20% Exceedance	0	-1	0	0	0	0	0	0	0	0	-1	0
30% Exceedance	0	-3	0	0	0	-1	-2	0	0	0	0	0
40% Exceedance	0	-4	0	0	0	0	-1	0	0	0	2	0
50% Exceedance	0	-1	-3	0	0	0	-6	0	0	0	0	0
60% Exceedance	-4	-1	-1	0	0	0	-5	0	0	-1	0	0
70% Exceedance	-14	-1	-3	0	0	0	-6	-3	0	0	0	-5
80% Exceedance	-4	4	-5	0	0	0	-35	-19	0	0	0	-6
90% Exceedance	-35	7	-4	0	-1	0	-48	-137	-12	-42	-3	-65
Full Simulation Period Average^a	-16	2	-2	0	0	0	-10	-70	-69	-72	-52	-34
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	-1	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	-1	0	0
Critical Years (15.8%)	-109	14	-12	0	-1	-3	-61	-437	-433	-447	-326	-214

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-5 a. Hamilton City Diversion - Glenn Colusa Canal, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	961	968	637	0	7	104	674	2,656	2,680	3,013	2,155	1,211
20% Exceedance	925	929	589	0	6	78	633	2,608	2,627	2,975	2,128	1,175
30% Exceedance	913	904	578	0	6	61	618	2,559	2,570	2,931	2,110	1,150
40% Exceedance	896	872	565	0	5	53	574	2,518	2,544	2,894	2,091	1,130
50% Exceedance	856	849	551	0	5	40	558	2,469	2,507	2,876	2,066	1,111
60% Exceedance	822	832	532	0	5	35	541	2,426	2,466	2,854	2,050	1,081
70% Exceedance	794	803	523	0	4	32	528	2,346	2,401	2,818	2,023	1,064
80% Exceedance	761	759	494	0	3	27	502	2,279	2,348	2,755	1,975	1,007
90% Exceedance	718	734	468	0	3	22	437	2,214	2,234	2,248	1,564	951
Full Simulation Period Average^a	845	849	549	0	5	55	560	2,444	2,480	2,801	2,004	1,094
Wet Years (27.7%)	883	860	558	0	4	32	499	2,442	2,458	2,865	2,076	1,122
Above Normal Years (13.9%)	851	843	549	0	4	37	544	2,478	2,547	2,879	2,050	1,138
Below Normal Years (17.8%)	855	864	540	0	5	60	580	2,517	2,538	2,909	2,093	1,101
Dry Years (23.8%)	857	862	561	0	5	60	601	2,506	2,585	2,920	2,097	1,120
Critical Years (15.8%)	746	795	525	0	6	97	597	2,244	2,234	2,319	1,596	961

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-5 b. Hamilton City Diversion - Glenn Colusa Canal, Alt2woTUCPAIIVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	926	945	607	41	7	102	642	2,558	2,557	2,916	2,112	1,248
20% Exceedance	915	904	579	28	6	78	624	2,489	2,499	2,822	2,080	1,216
30% Exceedance	886	877	564	24	6	60	585	2,461	2,429	2,783	2,002	1,190
40% Exceedance	864	852	546	16	5	53	570	2,428	2,381	2,741	1,973	1,176
50% Exceedance	830	829	536	0	5	40	536	2,375	2,344	2,690	1,947	1,150
60% Exceedance	807	805	521	0	5	35	519	2,298	2,309	2,661	1,919	1,128
70% Exceedance	764	784	495	0	4	32	498	2,262	2,258	2,634	1,895	1,092
80% Exceedance	729	755	466	0	3	27	468	2,194	2,214	2,584	1,861	1,053
90% Exceedance	637	709	422	0	2	22	408	2,070	2,125	2,158	1,556	847
Full Simulation Period Average^a	808	830	529	15	5	54	535	2,293	2,286	2,597	1,866	1,095
Wet Years (27.7%)	878	855	555	15	4	32	499	2,423	2,430	2,832	2,054	1,130
Above Normal Years (13.9%)	821	811	519	19	4	37	527	2,349	2,352	2,669	1,917	1,195
Below Normal Years (17.8%)	819	828	505	13	5	60	558	2,377	2,324	2,680	1,945	1,165
Dry Years (23.8%)	822	829	531	15	5	60	576	2,372	2,384	2,708	1,962	1,176
Critical Years (15.8%)	635	806	511	12	5	94	519	1,801	1,788	1,862	1,262	745

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-5 c. Hamilton City Diversion - Glenn Colusa Canal, Alt2woTUCPAIIVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-35	-23	-30	41	0	-2	-32	-98	-122	-96	-43	38
20% Exceedance	-11	-25	-10	28	0	0	-9	-119	-128	-153	-48	41
30% Exceedance	-27	-27	-15	24	0	-1	-33	-97	-140	-148	-108	40
40% Exceedance	-32	-20	-18	16	0	0	-4	-90	-163	-153	-118	46
50% Exceedance	-27	-20	-14	0	0	0	-22	-94	-163	-185	-119	39
60% Exceedance	-14	-27	-12	0	0	0	-22	-127	-157	-193	-131	47
70% Exceedance	-30	-19	-29	0	0	0	-30	-84	-143	-184	-128	28
80% Exceedance	-32	-4	-28	0	0	0	-34	-85	-135	-172	-114	47
90% Exceedance	-81	-25	-46	0	-1	0	-29	-144	-109	-90	-8	-104
Full Simulation Period Average^a	-37	-19	-20	15	0	0	-25	-151	-193	-204	-137	1
Wet Years (27.7%)	-4	-5	-3	15	0	0	1	-18	-29	-33	-21	8
Above Normal Years (13.9%)	-30	-33	-29	19	0	0	-17	-129	-195	-210	-133	56
Below Normal Years (17.8%)	-36	-36	-34	13	0	0	-23	-140	-214	-229	-148	64
Dry Years (23.8%)	-36	-32	-30	15	0	0	-25	-134	-201	-212	-135	56
Critical Years (15.8%)	-111	11	-14	12	-1	-3	-78	-443	-445	-457	-334	-216

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-6 a. Hamilton City Diversion - Glenn Colusa Canal, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	961	968	637	0	7	104	674	2,656	2,680	3,013	2,155	1,211
20% Exceedance	925	929	589	0	6	78	633	2,608	2,627	2,975	2,128	1,175
30% Exceedance	913	904	578	0	6	61	618	2,559	2,570	2,931	2,110	1,150
40% Exceedance	896	872	565	0	5	53	574	2,518	2,544	2,894	2,091	1,130
50% Exceedance	856	849	551	0	5	40	558	2,469	2,507	2,876	2,066	1,111
60% Exceedance	822	832	532	0	5	35	541	2,426	2,466	2,854	2,050	1,081
70% Exceedance	794	803	523	0	4	32	528	2,346	2,401	2,818	2,023	1,064
80% Exceedance	761	759	494	0	3	27	502	2,279	2,348	2,755	1,975	1,007
90% Exceedance	718	734	468	0	3	22	437	2,214	2,234	2,248	1,564	951
Full Simulation Period Average^a	845	849	549	0	5	55	560	2,444	2,480	2,801	2,004	1,094
Wet Years (27.7%)	883	860	558	0	4	32	499	2,442	2,458	2,865	2,076	1,122
Above Normal Years (13.9%)	851	843	549	0	4	37	544	2,478	2,547	2,879	2,050	1,138
Below Normal Years (17.8%)	855	864	540	0	5	60	580	2,517	2,538	2,909	2,093	1,101
Dry Years (23.8%)	857	862	561	0	5	60	601	2,506	2,585	2,920	2,097	1,120
Critical Years (15.8%)	746	795	525	0	6	97	597	2,244	2,234	2,319	1,596	961

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-6 b. Hamilton City Diversion - Glenn Colusa Canal, ALT3, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	961	968	591	0	7	104	624	2,656	2,680	3,013	2,155	1,211
20% Exceedance	925	929	568	0	6	78	573	2,608	2,627	2,975	2,122	1,175
30% Exceedance	913	907	543	0	5	61	546	2,559	2,570	2,931	2,108	1,150
40% Exceedance	896	880	529	0	5	53	532	2,518	2,544	2,894	2,089	1,130
50% Exceedance	856	853	510	0	4	40	484	2,469	2,507	2,873	2,066	1,111
60% Exceedance	821	835	482	0	3	35	422	2,425	2,466	2,852	2,049	1,081
70% Exceedance	781	817	469	0	2	32	393	2,346	2,401	2,813	2,023	1,059
80% Exceedance	757	789	454	0	0	27	374	2,276	2,348	2,755	1,975	998
90% Exceedance	707	744	438	0	0	20	340	2,020	2,112	2,188	1,531	911
Full Simulation Period Average^a	831	859	513	0	4	54	471	2,331	2,366	2,680	1,917	1,057
Wet Years (27.7%)	883	860	524	0	1	28	499	2,442	2,458	2,865	2,076	1,122
Above Normal Years (13.9%)	851	843	498	0	3	37	527	2,478	2,547	2,879	2,050	1,139
Below Normal Years (17.8%)	855	864	508	0	4	60	525	2,517	2,538	2,909	2,093	1,101
Dry Years (23.8%)	857	862	510	0	5	60	478	2,506	2,585	2,915	2,093	1,120
Critical Years (15.8%)	652	861	513	0	6	97	304	1,534	1,520	1,575	1,063	727

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-6 c. Hamilton City Diversion - Glenn Colusa Canal, ALT3 Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	-46	0	0	0	-50	0	0	0	0	0
20% Exceedance	0	0	-21	0	0	0	-60	0	0	0	-6	0
30% Exceedance	0	3	-35	0	-1	0	-71	0	0	0	-2	0
40% Exceedance	0	7	-36	0	0	0	-42	0	0	0	-2	1
50% Exceedance	0	4	-41	0	-1	0	-74	0	0	-2	-1	0
60% Exceedance	-1	4	-50	0	-1	0	-119	0	0	-2	-1	0
70% Exceedance	-14	14	-54	0	-2	0	-135	0	0	-5	0	-5
80% Exceedance	-4	30	-40	0	-3	-1	-128	-3	0	0	0	-8
90% Exceedance	-11	10	-30	0	-3	-2	-97	-193	-121	-60	-33	-40
Full Simulation Period Average^a	-14	10	-36	0	-1	-1	-89	-114	-114	-120	-86	-37
Wet Years (27.7%)	0	0	-34	0	-3	-4	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	-51	0	-1	0	-17	0	0	0	0	0
Below Normal Years (17.8%)	0	0	-32	0	-1	0	-55	0	0	0	0	0
Dry Years (23.8%)	0	0	-50	0	0	0	-123	0	0	-5	-4	0
Critical Years (15.8%)	-94	66	-12	0	0	0	-292	-710	-713	-744	-533	-234

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-7 a. Hamilton City Diversion - Glenn Colusa Canal, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	961	968	637	0	7	104	674	2,656	2,680	3,013	2,155	1,211
20% Exceedance	925	929	589	0	6	78	633	2,608	2,627	2,975	2,128	1,175
30% Exceedance	913	904	578	0	6	61	618	2,559	2,570	2,931	2,110	1,150
40% Exceedance	896	872	565	0	5	53	574	2,518	2,544	2,894	2,091	1,130
50% Exceedance	856	849	551	0	5	40	558	2,469	2,507	2,876	2,066	1,111
60% Exceedance	822	832	532	0	5	35	541	2,426	2,466	2,854	2,050	1,081
70% Exceedance	794	803	523	0	4	32	528	2,346	2,401	2,818	2,023	1,064
80% Exceedance	761	759	494	0	3	27	502	2,279	2,348	2,755	1,975	1,007
90% Exceedance	718	734	468	0	3	22	437	2,214	2,234	2,248	1,564	951
Full Simulation Period Average^a	845	849	549	0	5	55	560	2,444	2,480	2,801	2,004	1,094
Wet Years (27.7%)	883	860	558	0	4	32	499	2,442	2,458	2,865	2,076	1,122
Above Normal Years (13.9%)	851	843	549	0	4	37	544	2,478	2,547	2,879	2,050	1,138
Below Normal Years (17.8%)	855	864	540	0	5	60	580	2,517	2,538	2,909	2,093	1,101
Dry Years (23.8%)	857	862	561	0	5	60	601	2,506	2,585	2,920	2,097	1,120
Critical Years (15.8%)	746	795	525	0	6	97	597	2,244	2,234	2,319	1,596	961

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-7 b. Hamilton City Diversion - Glenn Colusa Canal, ALT4, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	961	968	637	0	7	102	666	2,656	2,680	3,013	2,153	1,211
20% Exceedance	925	929	589	0	6	78	626	2,608	2,627	2,975	2,128	1,175
30% Exceedance	913	904	578	0	6	61	600	2,559	2,570	2,931	2,110	1,150
40% Exceedance	896	870	565	0	5	49	566	2,518	2,544	2,894	2,093	1,130
50% Exceedance	856	849	544	0	5	40	541	2,469	2,507	2,876	2,066	1,111
60% Exceedance	819	833	530	0	5	35	530	2,426	2,466	2,854	2,050	1,081
70% Exceedance	781	805	520	0	4	30	504	2,341	2,401	2,818	2,023	1,059
80% Exceedance	757	785	494	0	3	27	461	2,272	2,348	2,755	1,975	998
90% Exceedance	684	743	467	0	3	22	397	1,886	2,088	2,116	1,452	896
Full Simulation Period Average^a	841	855	548	0	5	54	542	2,399	2,434	2,753	1,968	1,073
Wet Years (27.7%)	883	860	558	0	4	32	499	2,442	2,458	2,865	2,076	1,122
Above Normal Years (13.9%)	851	843	549	0	4	37	544	2,478	2,547	2,880	2,050	1,138
Below Normal Years (17.8%)	855	864	540	0	5	59	571	2,517	2,538	2,909	2,092	1,101
Dry Years (23.8%)	857	862	561	0	5	60	601	2,506	2,585	2,919	2,097	1,120
Critical Years (15.8%)	720	835	516	0	5	93	493	1,961	1,950	2,020	1,372	832

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-7 c. Hamilton City Diversion - Glenn Colusa Canal, ALT4 Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	-2	-8	0	0	0	-2	0
20% Exceedance	0	0	0	0	0	0	-8	0	0	0	-1	0
30% Exceedance	0	0	0	0	0	0	-17	0	0	0	0	0
40% Exceedance	0	-3	0	0	0	-4	-8	0	0	0	2	0
50% Exceedance	0	0	-6	0	0	0	-17	0	0	0	0	0
60% Exceedance	-3	1	-2	0	0	0	-11	0	0	0	0	0
70% Exceedance	-14	2	-3	0	0	-2	-24	-5	0	0	0	-5
80% Exceedance	-4	25	0	0	0	-1	-41	-7	0	0	0	-8
90% Exceedance	-34	9	-1	0	0	0	-40	-327	-146	-132	-112	-55
Full Simulation Period Average^a	-4	6	-1	0	0	-1	-18	-45	-45	-48	-36	-21
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	1	0	0
Below Normal Years (17.8%)	0	0	0	0	0	-1	-9	0	0	0	-1	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	-1	0	0
Critical Years (15.8%)	-26	41	-9	0	0	-4	-103	-282	-283	-300	-223	-129

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-8 a. Hamilton City Diversion - Glenn Colusa Canal, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	961	968	637	0	7	104	674	2,656	2,680	3,013	2,155	1,211
20% Exceedance	925	929	589	0	6	78	633	2,608	2,627	2,975	2,128	1,175
30% Exceedance	913	904	578	0	6	61	618	2,559	2,570	2,931	2,110	1,150
40% Exceedance	896	872	565	0	5	53	574	2,518	2,544	2,894	2,091	1,130
50% Exceedance	856	849	551	0	5	40	558	2,469	2,507	2,876	2,066	1,111
60% Exceedance	822	832	532	0	5	35	541	2,426	2,466	2,854	2,050	1,081
70% Exceedance	794	803	523	0	4	32	528	2,346	2,401	2,818	2,023	1,064
80% Exceedance	761	759	494	0	3	27	502	2,279	2,348	2,755	1,975	1,007
90% Exceedance	718	734	468	0	3	22	437	2,214	2,234	2,248	1,564	951
Full Simulation Period Average^a	845	849	549	0	5	55	560	2,444	2,480	2,801	2,004	1,094
Wet Years (27.7%)	883	860	558	0	4	32	499	2,442	2,458	2,865	2,076	1,122
Above Normal Years (13.9%)	851	843	549	0	4	37	544	2,478	2,547	2,879	2,050	1,138
Below Normal Years (17.8%)	855	864	540	0	5	60	580	2,517	2,538	2,909	2,093	1,101
Dry Years (23.8%)	857	862	561	0	5	60	601	2,506	2,585	2,920	2,097	1,120
Critical Years (15.8%)	746	795	525	0	6	97	597	2,244	2,234	2,319	1,596	961

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-8 b. Hamilton City Diversion - Glenn Colusa Canal, Action 5, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	926	945	607	41	7	102	642	2,558	2,557	2,917	2,112	1,248
20% Exceedance	915	904	582	28	6	77	623	2,489	2,498	2,822	2,080	1,216
30% Exceedance	886	880	559	24	6	60	585	2,462	2,429	2,783	2,002	1,190
40% Exceedance	864	858	545	16	5	53	570	2,429	2,381	2,741	1,973	1,176
50% Exceedance	839	827	534	1	5	40	536	2,375	2,343	2,690	1,947	1,150
60% Exceedance	813	807	520	0	5	35	519	2,307	2,311	2,663	1,919	1,128
70% Exceedance	777	788	497	0	4	32	498	2,272	2,259	2,634	1,895	1,092
80% Exceedance	732	757	466	0	3	27	464	2,198	2,220	2,584	1,861	1,053
90% Exceedance	693	714	422	0	2	22	406	2,095	2,126	2,200	1,563	951
Full Simulation Period Average^a	817	833	528	15	5	54	535	2,304	2,296	2,606	1,873	1,103
Wet Years (27.7%)	878	855	554	16	4	32	499	2,424	2,430	2,832	2,054	1,130
Above Normal Years (13.9%)	822	811	519	19	4	37	528	2,349	2,353	2,669	1,918	1,195
Below Normal Years (17.8%)	819	827	506	13	5	60	558	2,376	2,324	2,680	1,945	1,164
Dry Years (23.8%)	822	829	529	15	5	60	576	2,373	2,384	2,708	1,962	1,176
Critical Years (15.8%)	697	826	513	12	5	93	514	1,867	1,847	1,920	1,305	798

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-5-8 c. Hamilton City Diversion - Glenn Colusa Canal, Action 5 Minus NAA, Monthly Diversion (cfs)

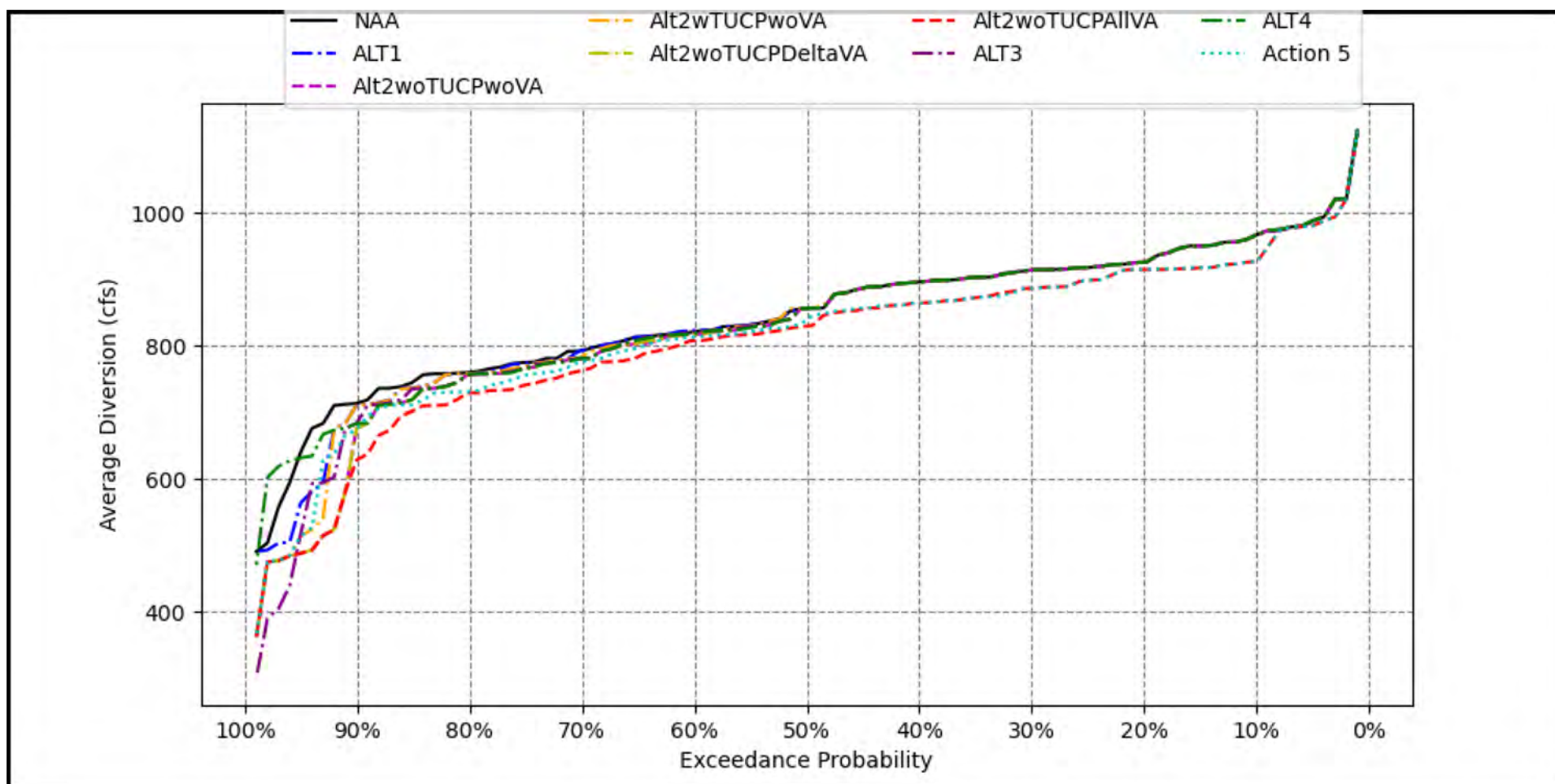
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-35	-23	-30	41	0	-2	-32	-98	-122	-96	-43	38
20% Exceedance	-11	-25	-7	28	0	-2	-10	-119	-129	-153	-48	41
30% Exceedance	-27	-24	-19	24	0	-1	-33	-96	-140	-148	-108	40
40% Exceedance	-31	-15	-20	16	0	0	-4	-89	-163	-153	-118	46
50% Exceedance	-17	-23	-17	1	0	0	-22	-94	-164	-185	-119	39
60% Exceedance	-8	-24	-13	0	0	0	-22	-119	-155	-191	-131	47
70% Exceedance	-18	-16	-26	0	0	0	-30	-74	-142	-184	-128	28
80% Exceedance	-29	-2	-28	0	0	0	-38	-81	-129	-172	-114	47
90% Exceedance	-25	-19	-46	0	-1	0	-31	-119	-107	-48	0	0
Full Simulation Period Average^a	-28	-16	-21	15	0	-1	-25	-141	-184	-195	-130	9
Wet Years (27.7%)	-5	-5	-4	16	0	0	1	-18	-29	-33	-21	8
Above Normal Years (13.9%)	-29	-32	-30	19	0	0	-16	-129	-195	-210	-132	56
Below Normal Years (17.8%)	-36	-37	-34	13	0	0	-22	-141	-214	-229	-148	63
Dry Years (23.8%)	-36	-33	-31	15	0	0	-25	-133	-201	-212	-135	56
Critical Years (15.8%)	-49	32	-12	12	-1	-4	-82	-376	-386	-400	-291	-163

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

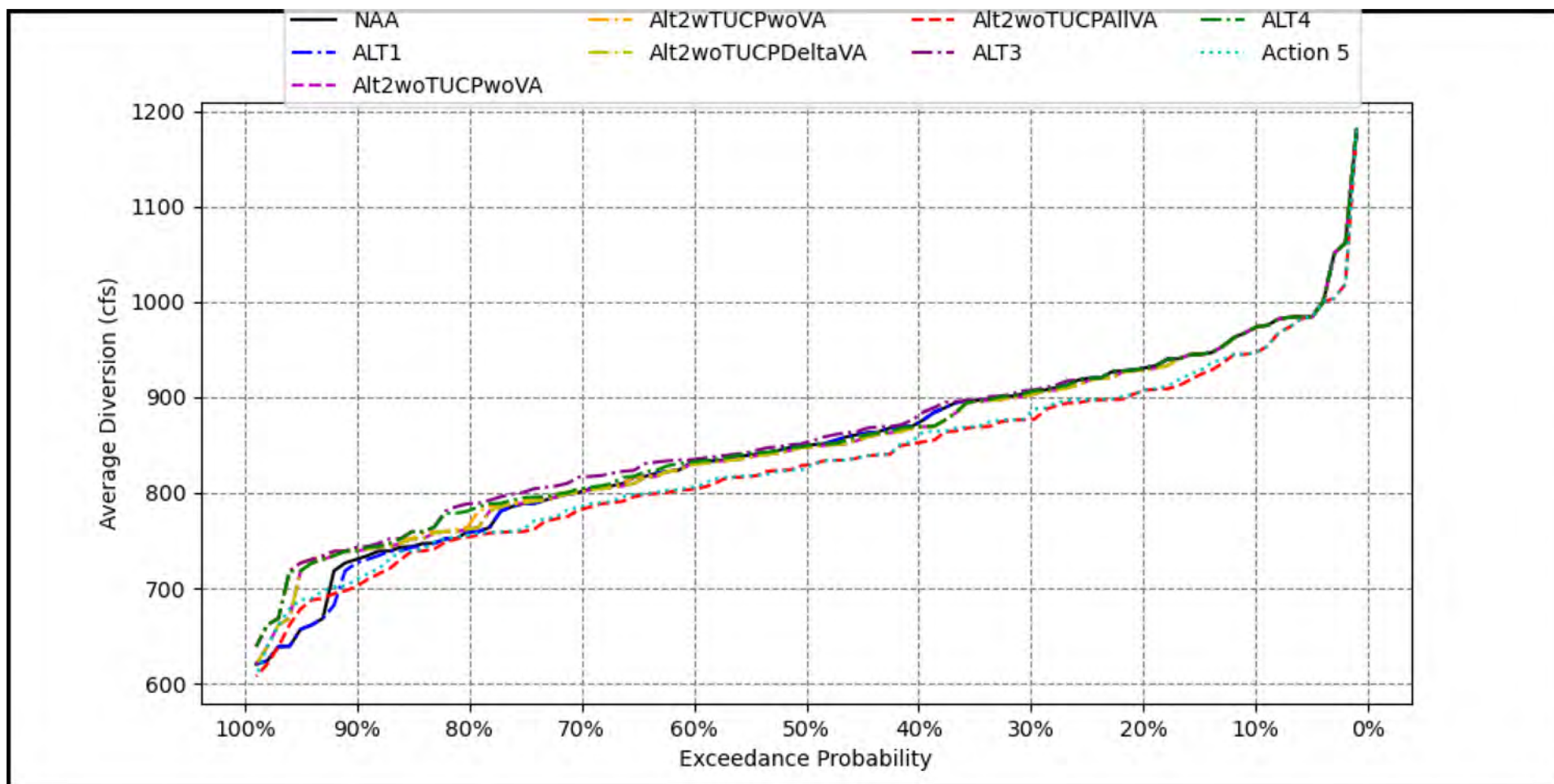
* Water Year Types defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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



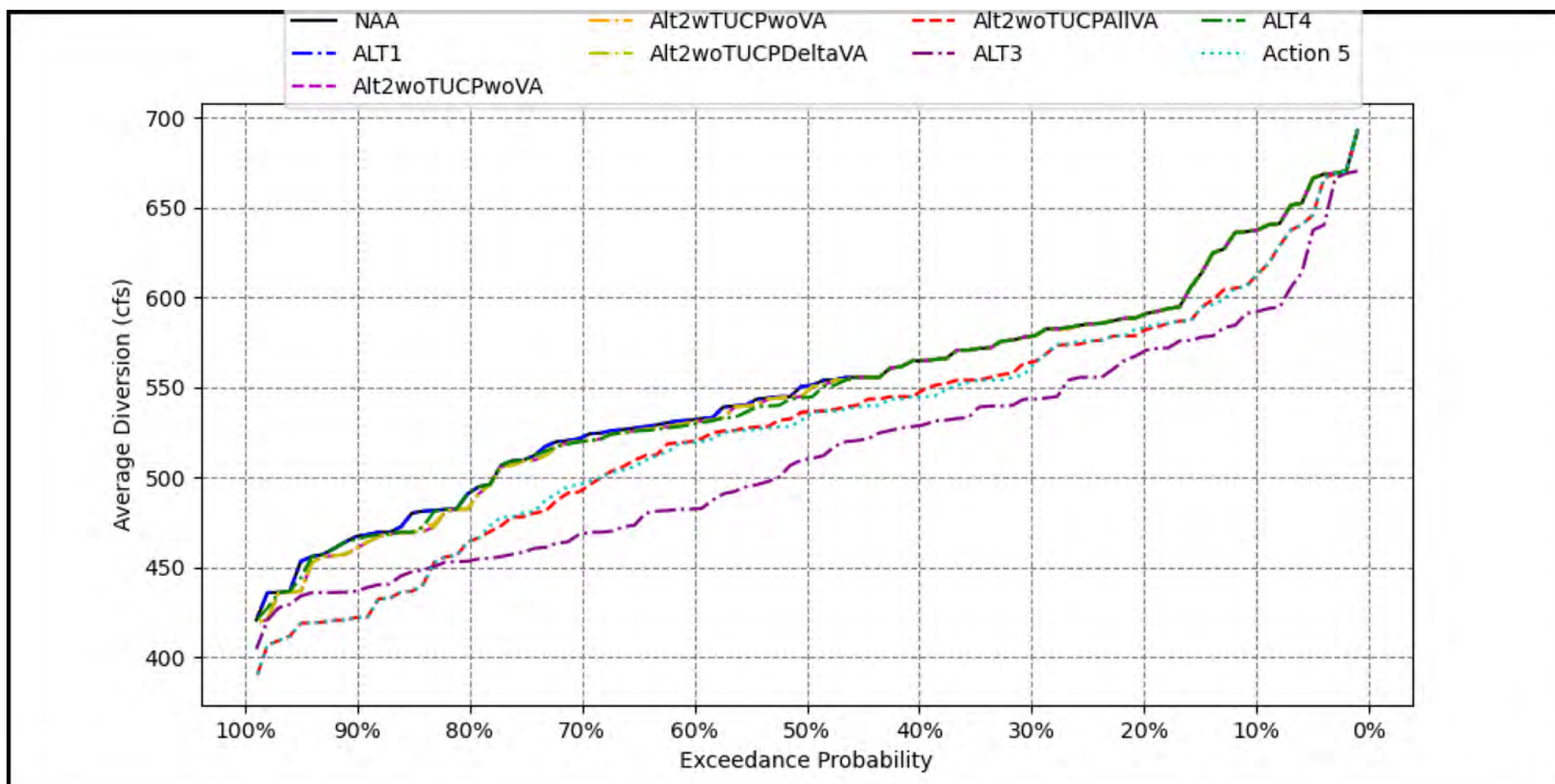
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-5-1 Hamilton City Diversion - Glenn Colusa Canal, October Diversion



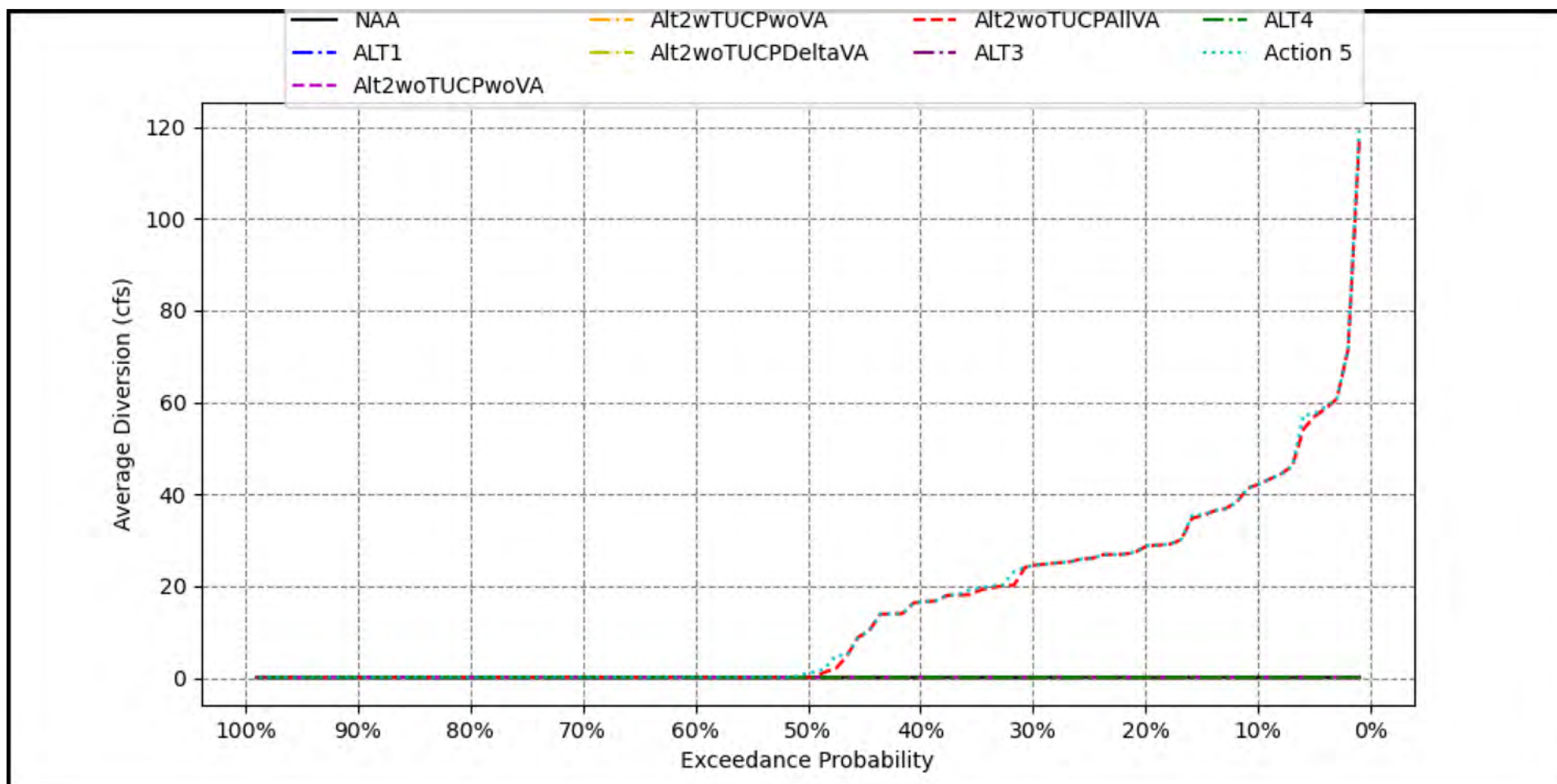
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-5-2 Hamilton City Diversion - Glenn Colusa Canal, November Diversion



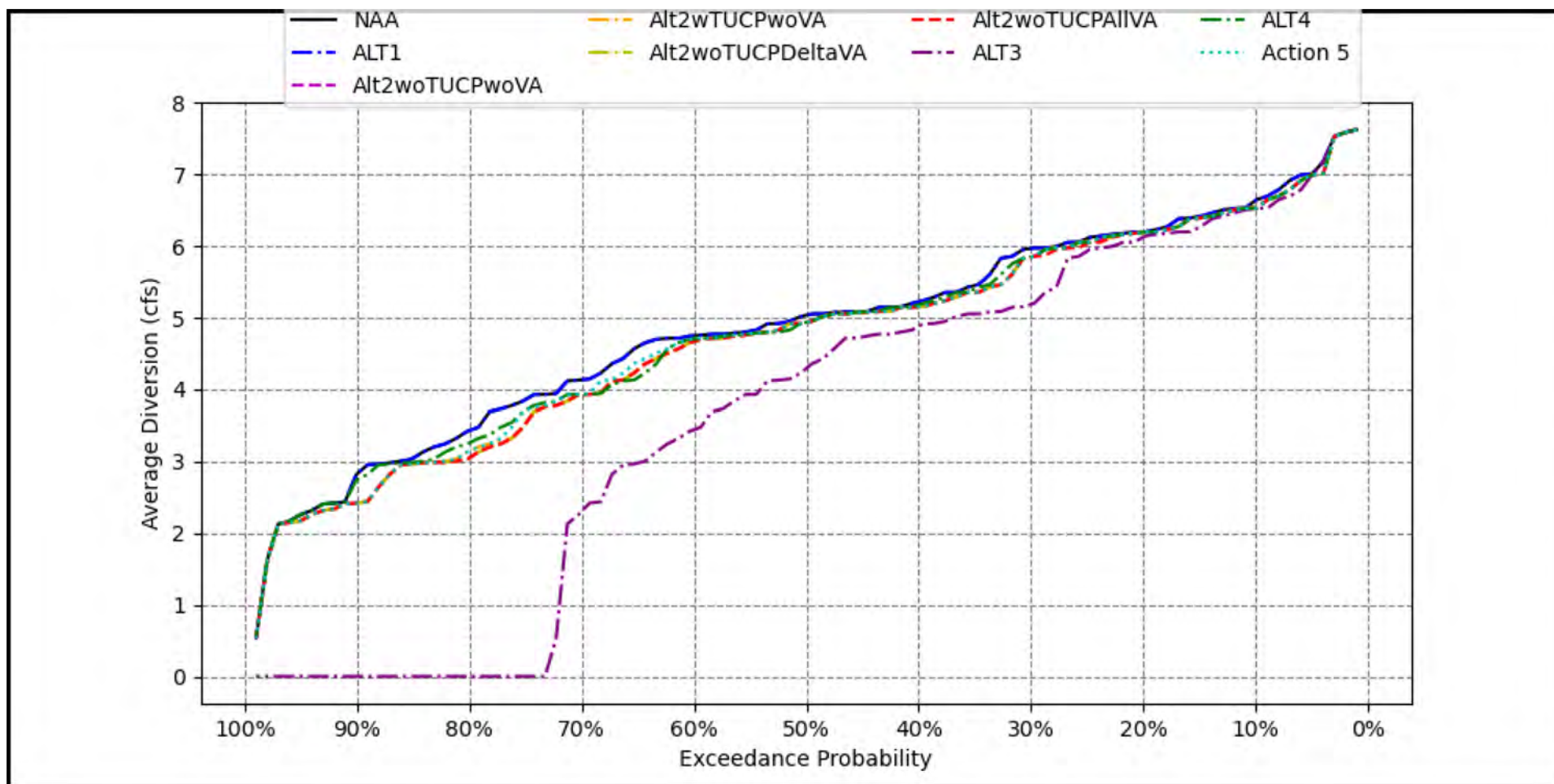
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-5-3 Hamilton City Diversion - Glenn Colusa Canal, December Diversion



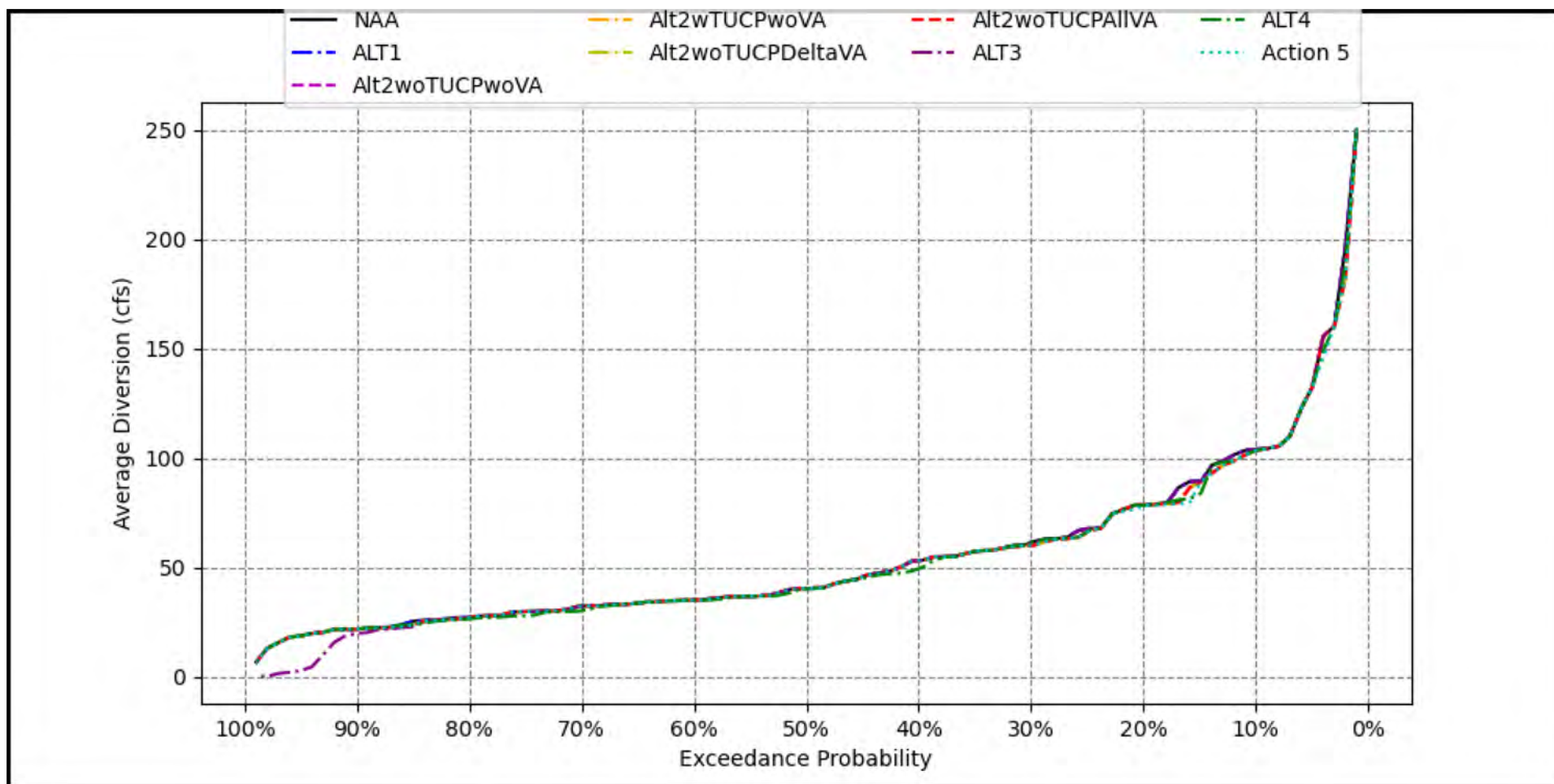
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-5-4 Hamilton City Diversion - Glenn Colusa Canal, January Diversion



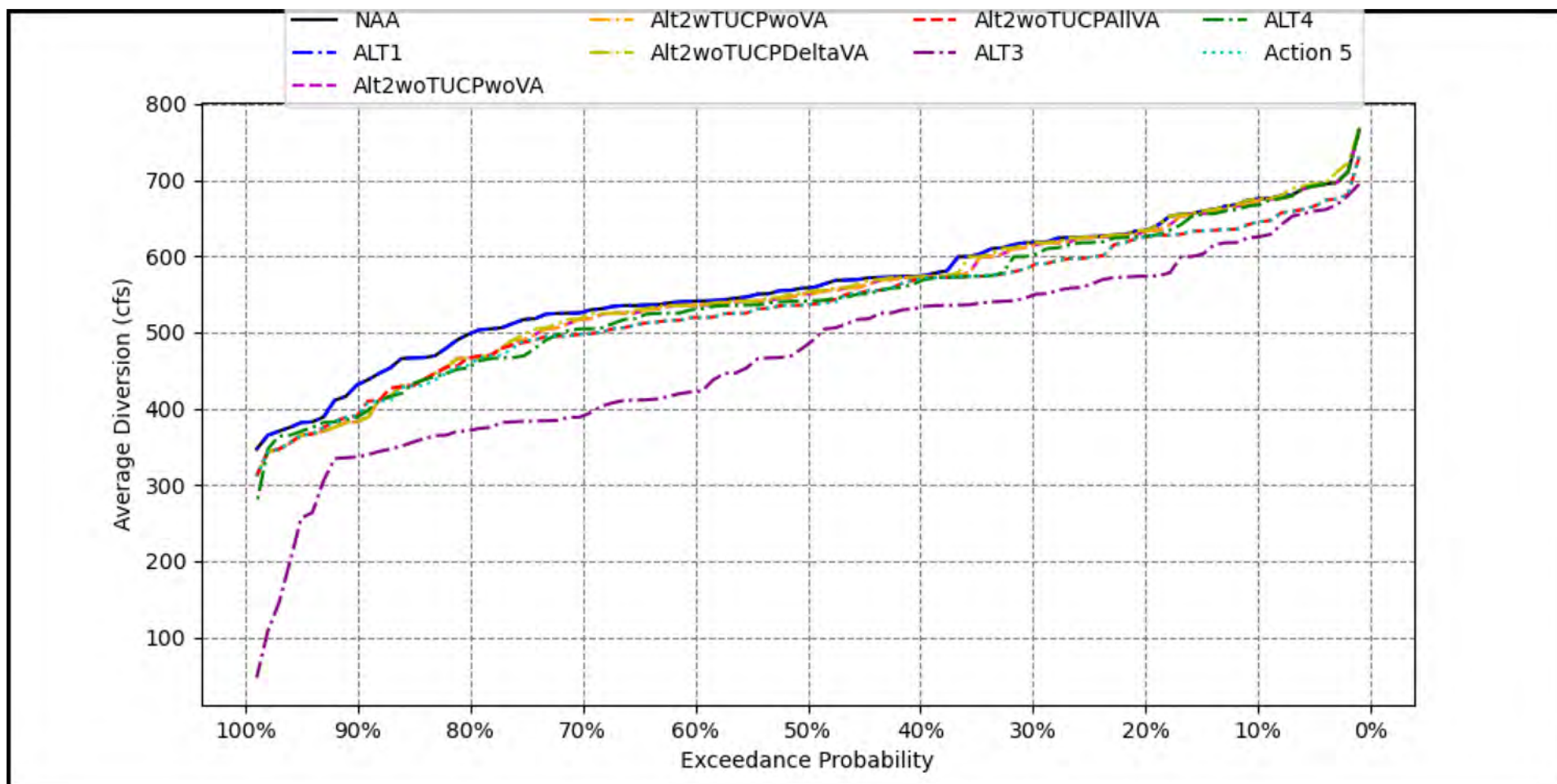
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-5-5 Hamilton City Diversion - Glenn Colusa Canal, February Diversion



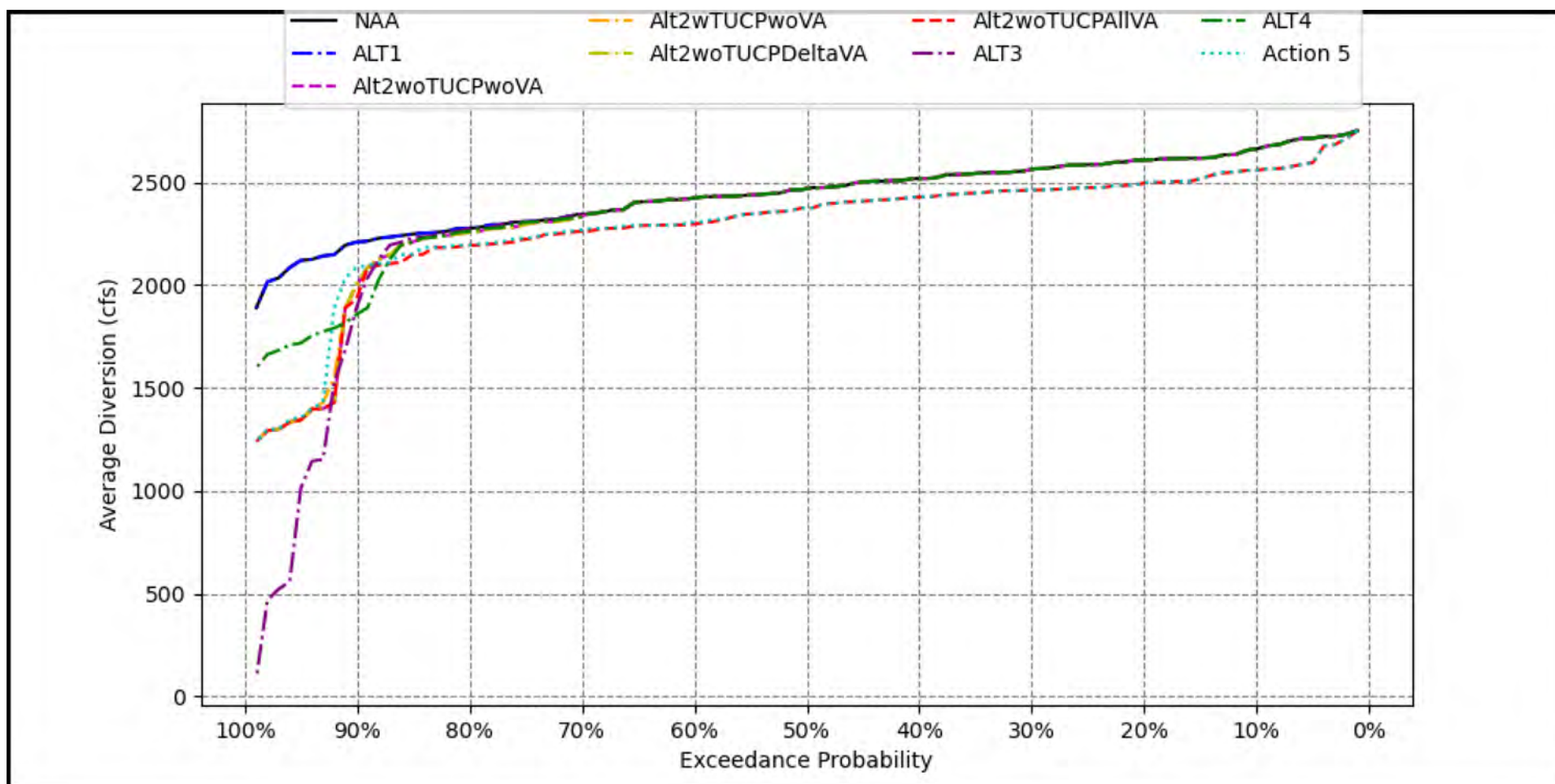
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-5-6 Hamilton City Diversion - Glenn Colusa Canal, March Diversion



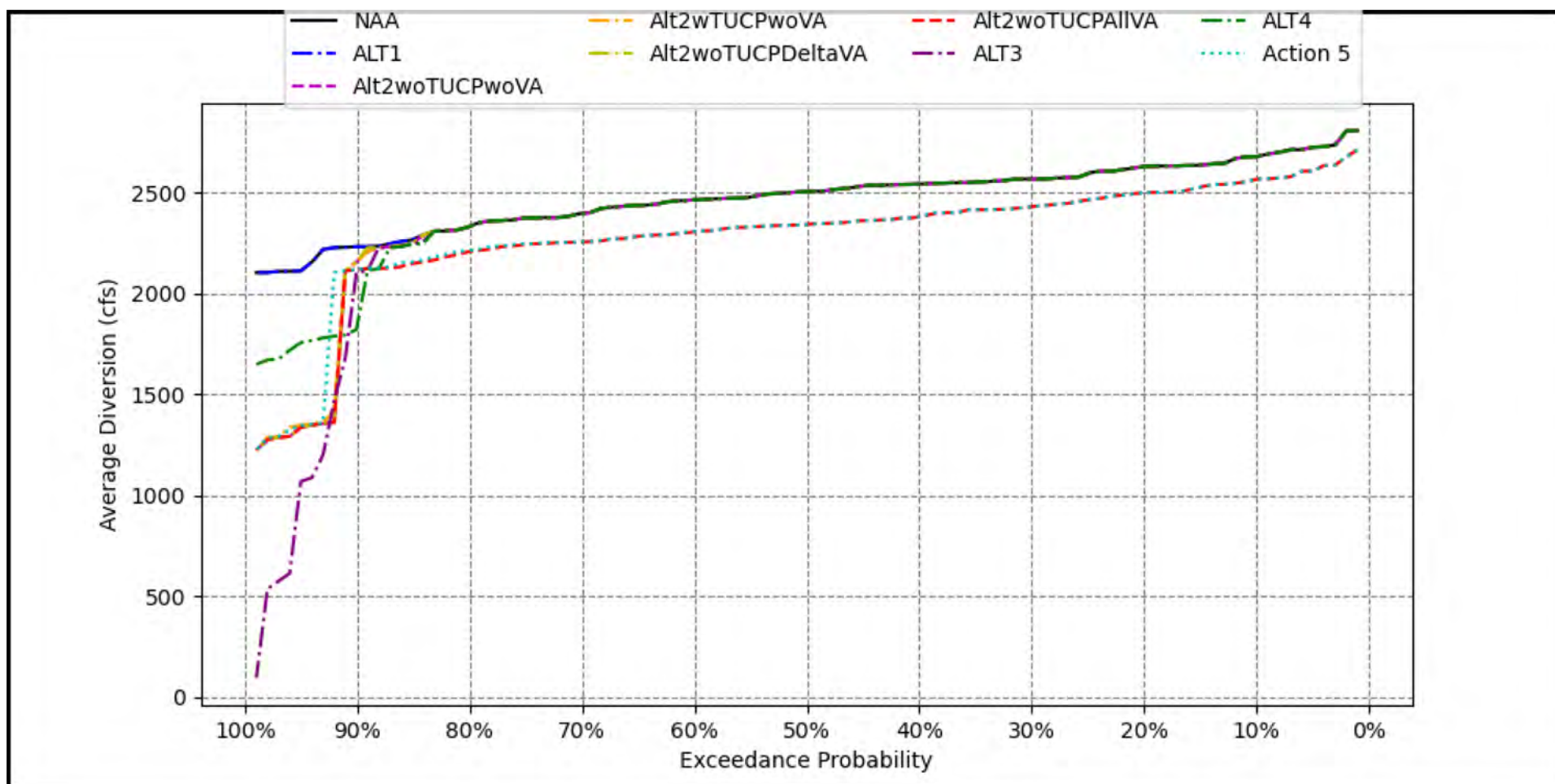
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-5-7 Hamilton City Diversion - Glenn Colusa Canal, April Diversion



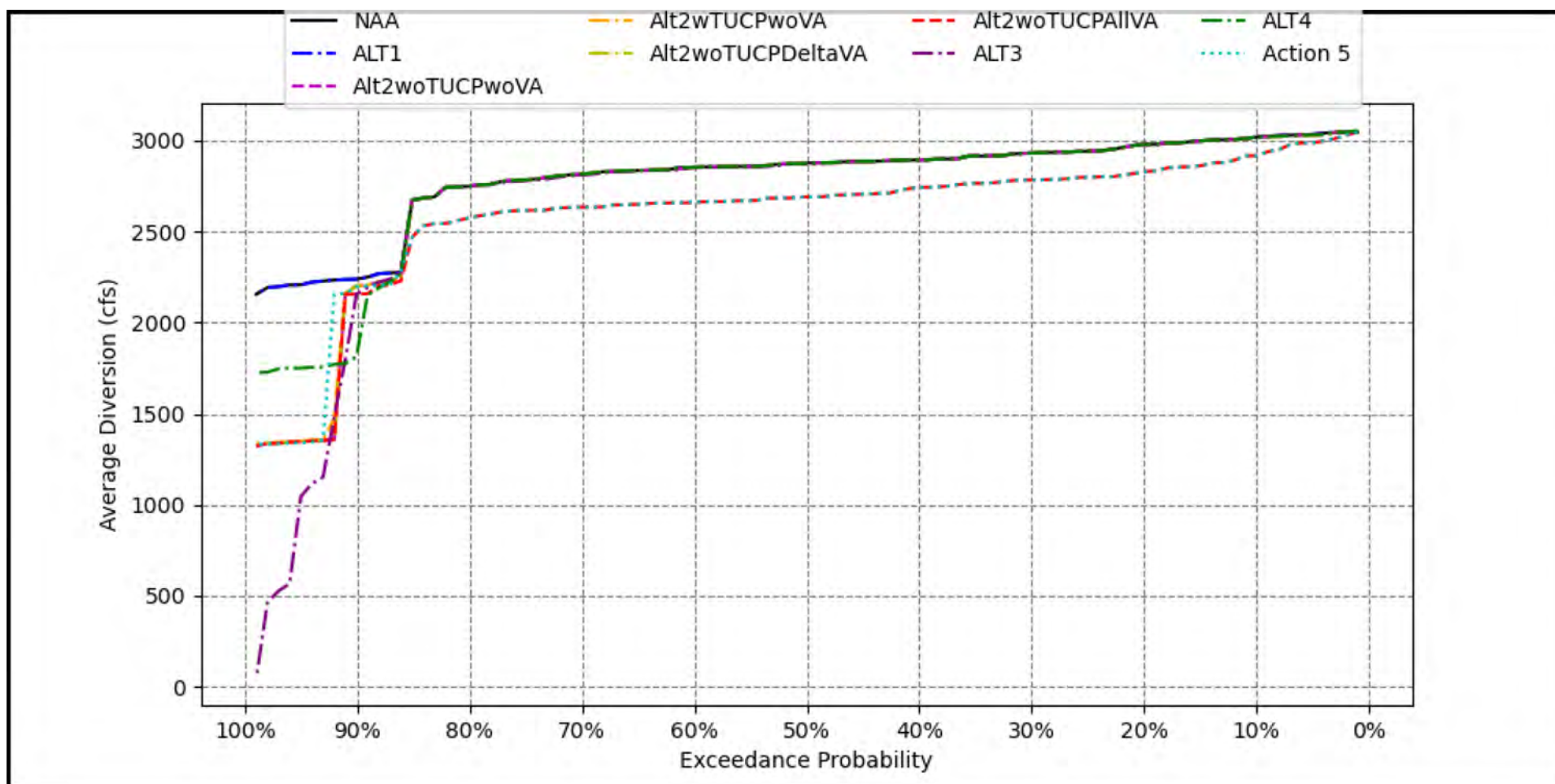
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-5-8 Hamilton City Diversion - Glenn Colusa Canal, May Diversion



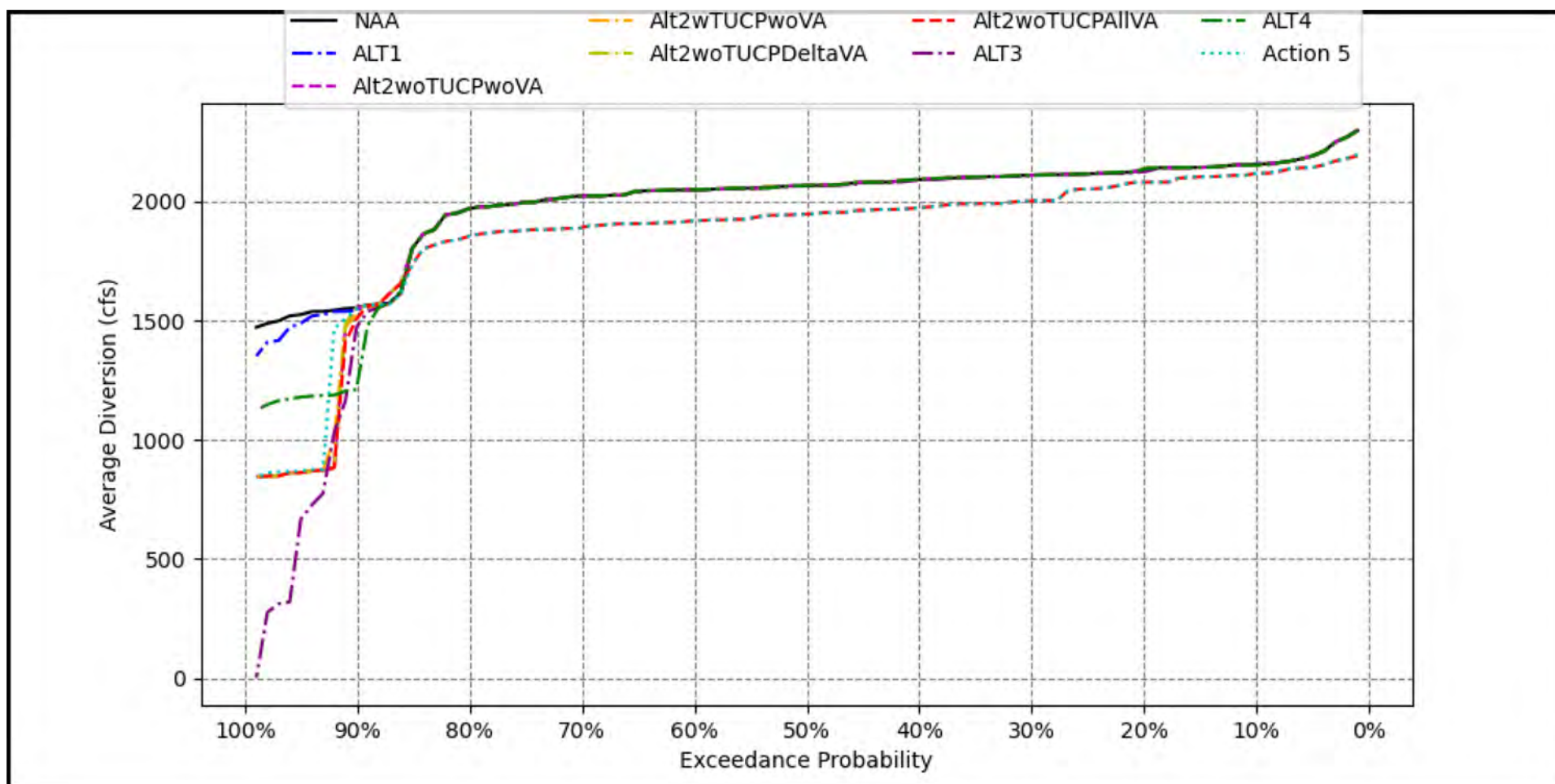
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-5-9 Hamilton City Diversion - Glenn Colusa Canal, June Diversion



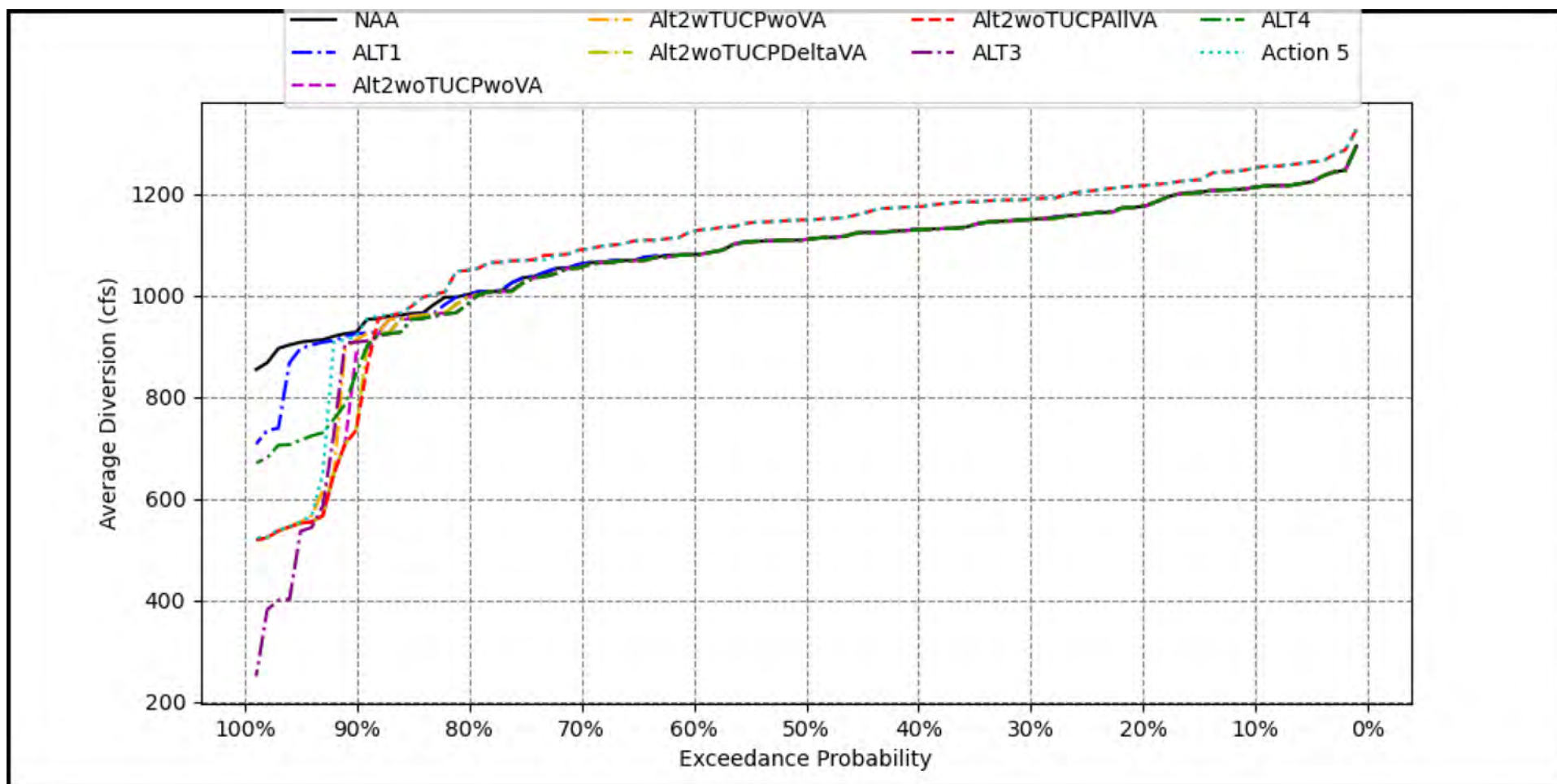
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-5-10 Hamilton City Diversion - Glenn Colusa Canal, July Diversion



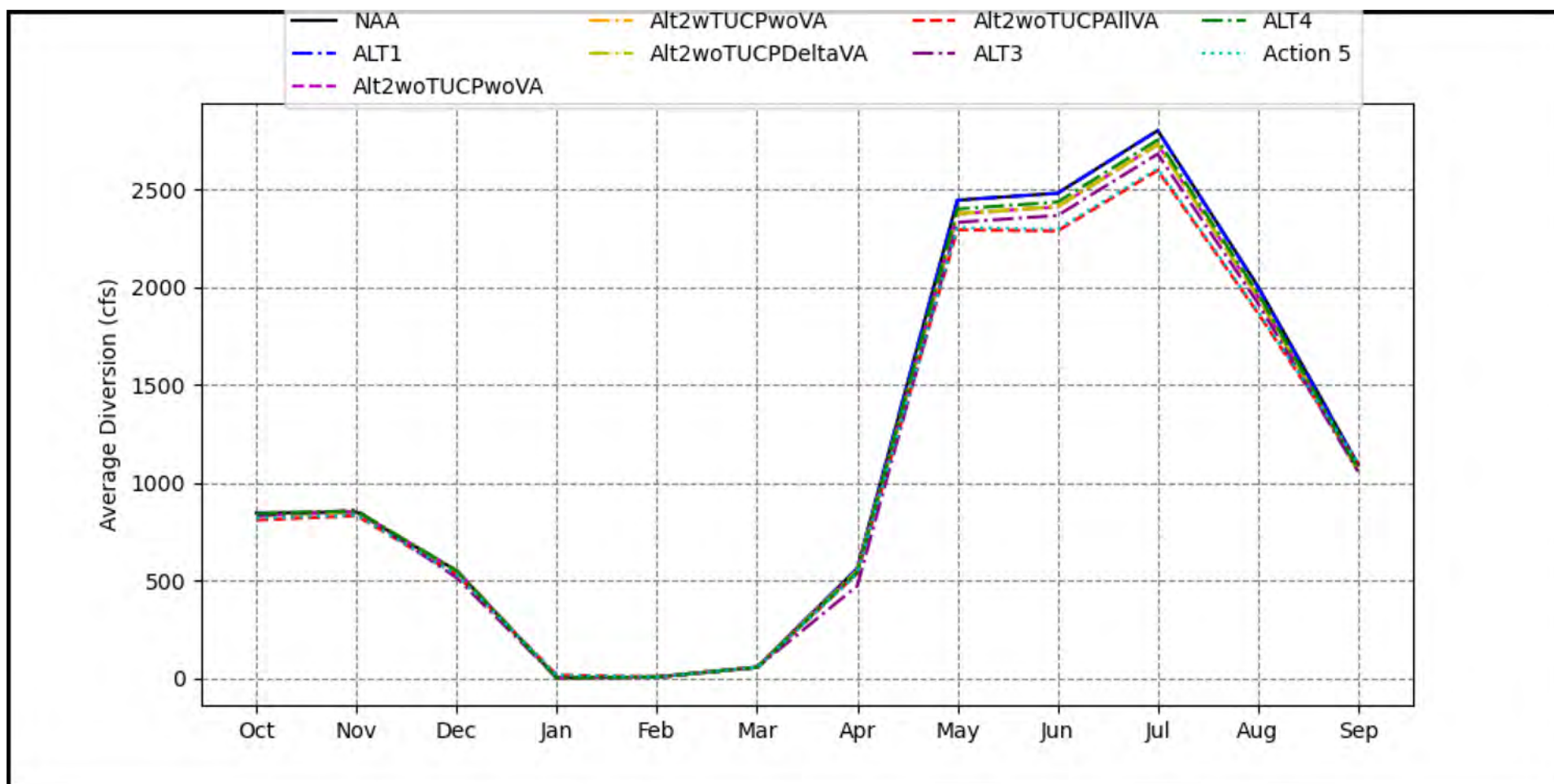
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-5-11 Hamilton City Diversion - Glenn Colusa Canal, August Diversion



*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-5-12 Hamilton City Diversion - Glenn Colusa Canal, September Diversion

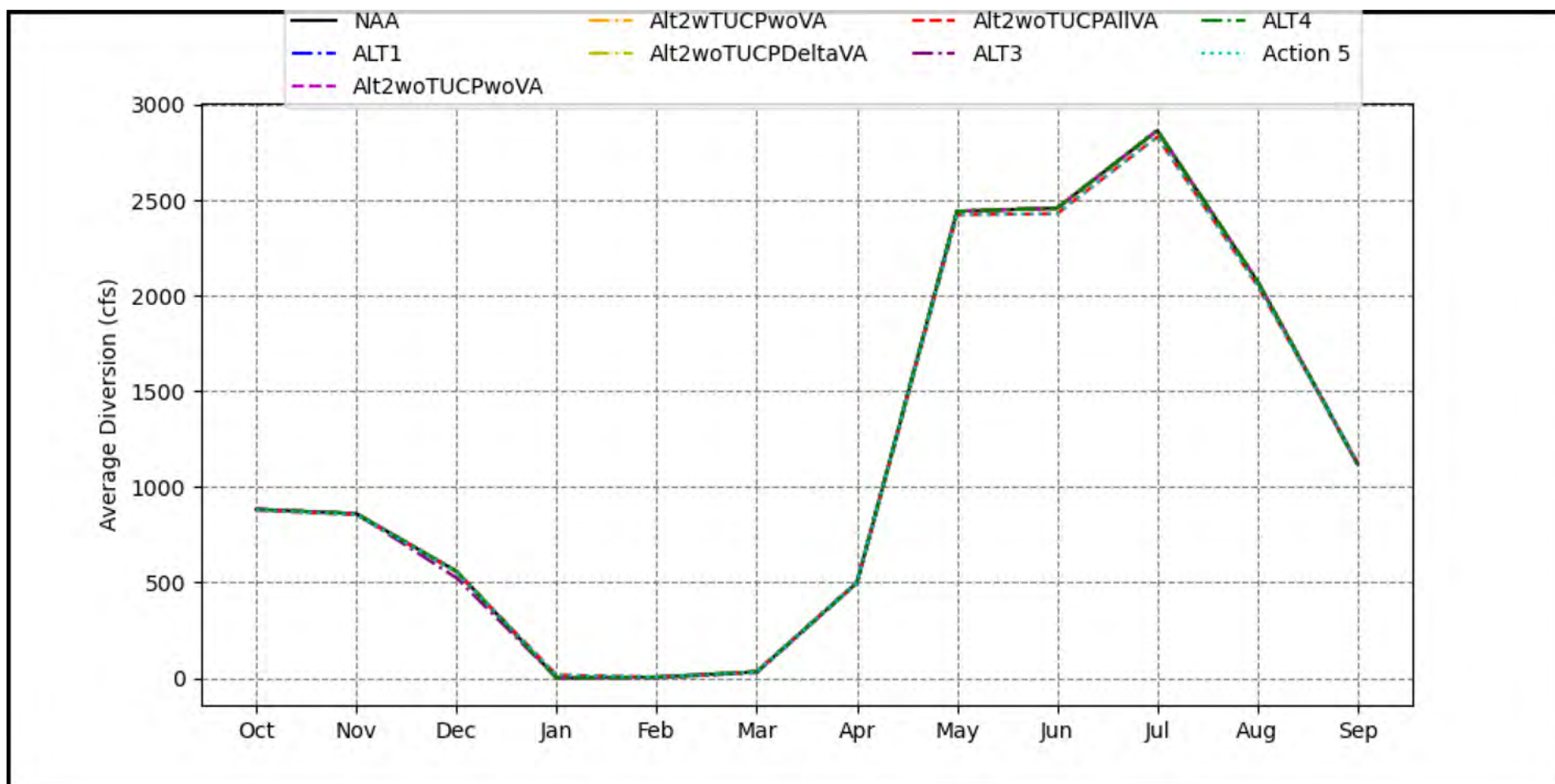


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-5-13 Hamilton City Diversion - Glenn Colusa Canal, Long Term Average Diversion (cfs)

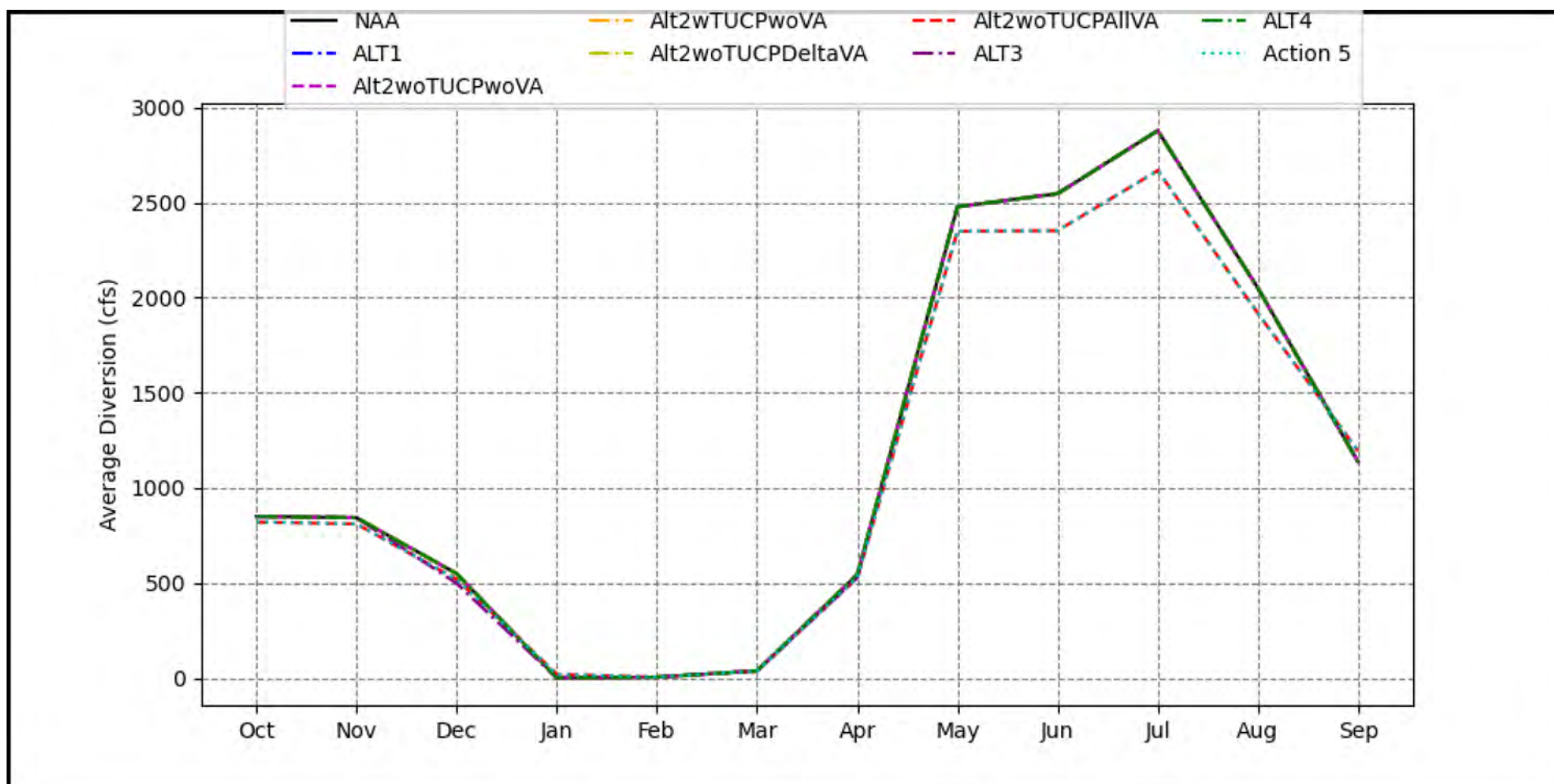


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-5-14 Hamilton City Diversion - Glenn Colusa Canal, Wet Year Average Diversion (cfs)

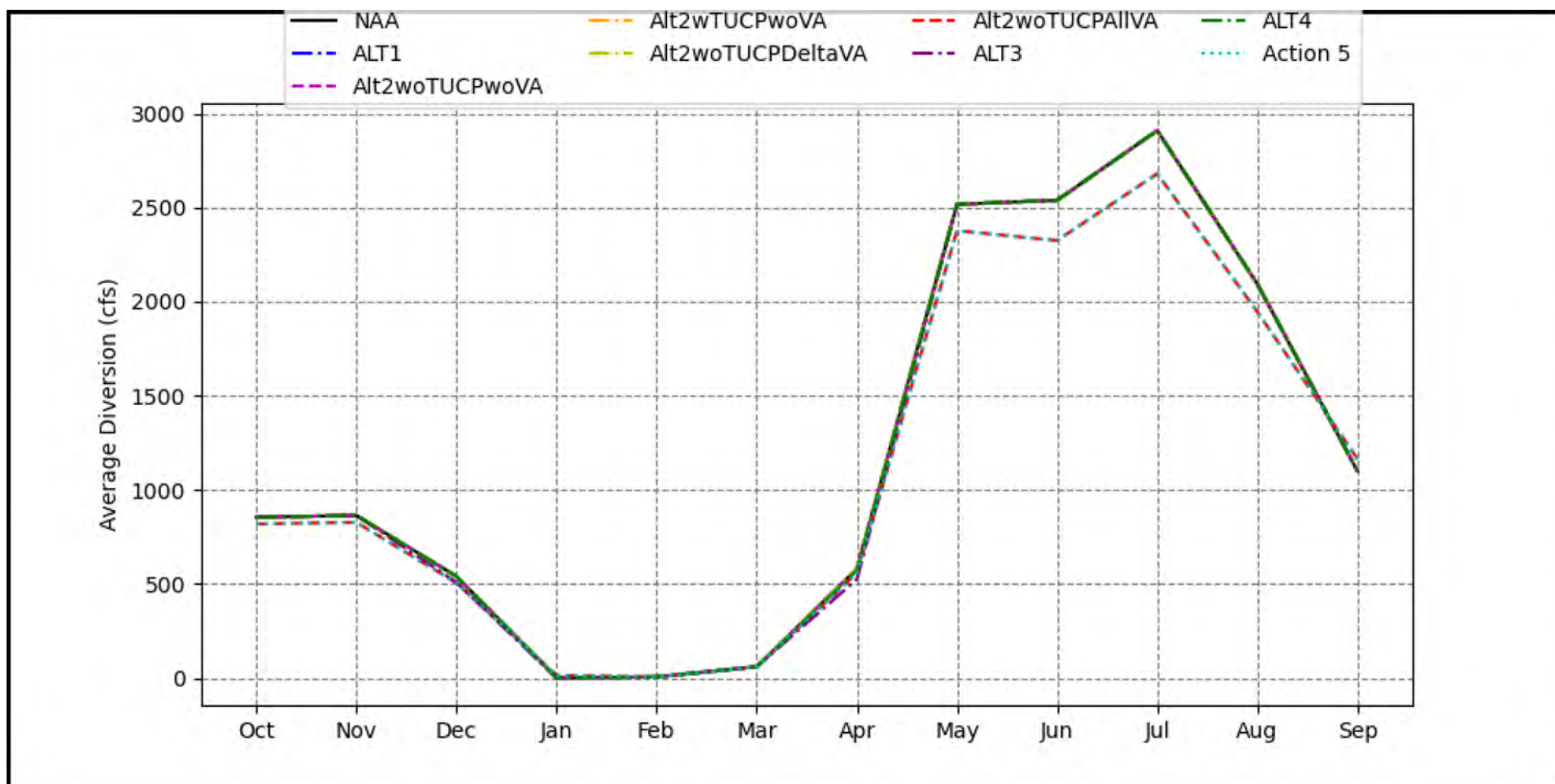


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-5-15 Hamilton City Diversion - Glenn Colusa Canal, Above Normal Year Average Diversion (cfs)

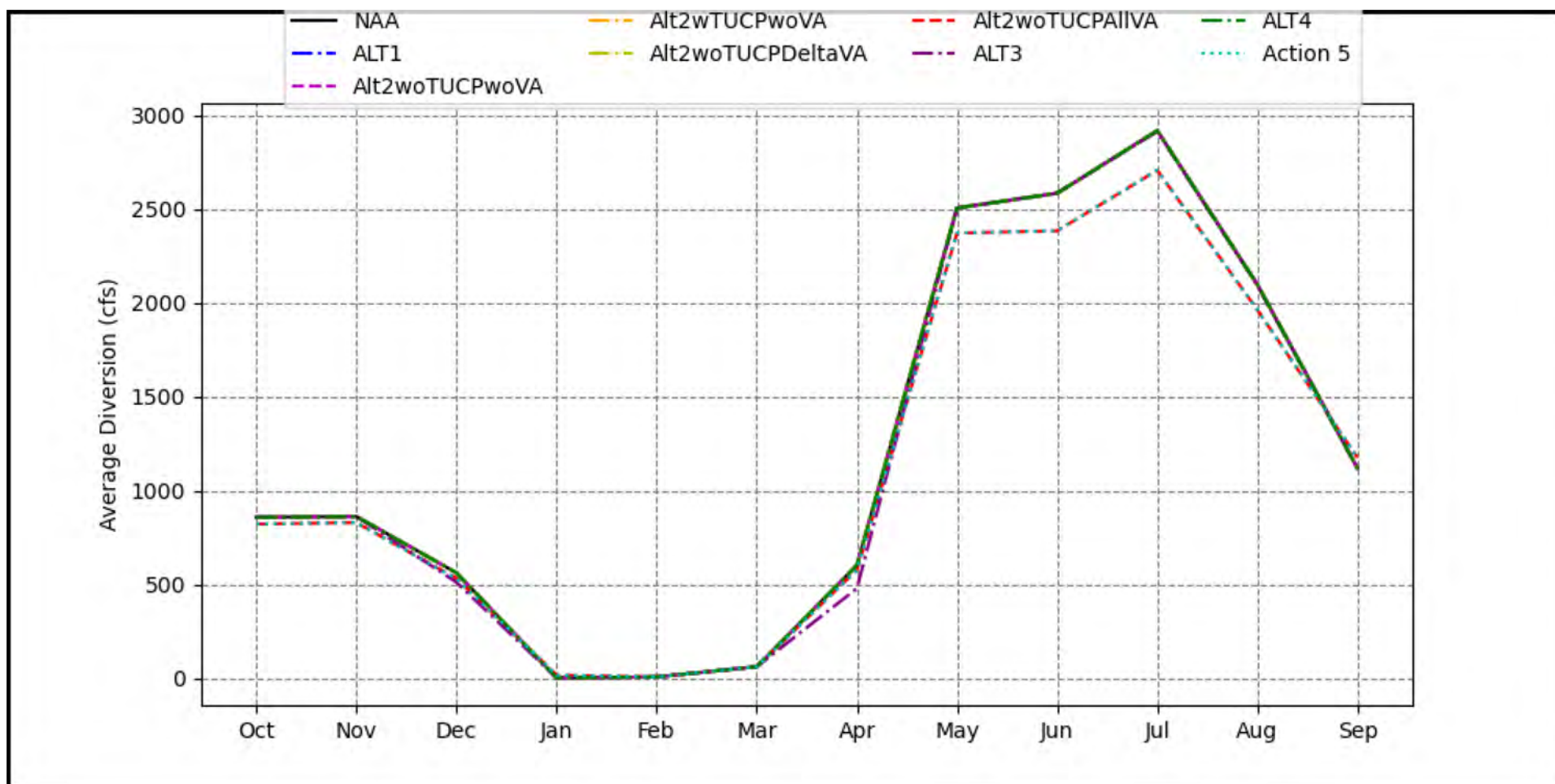


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-5-16 Hamilton City Diversion - Glenn Colusa Canal, Below Normal Year Average Diversion (cfs)

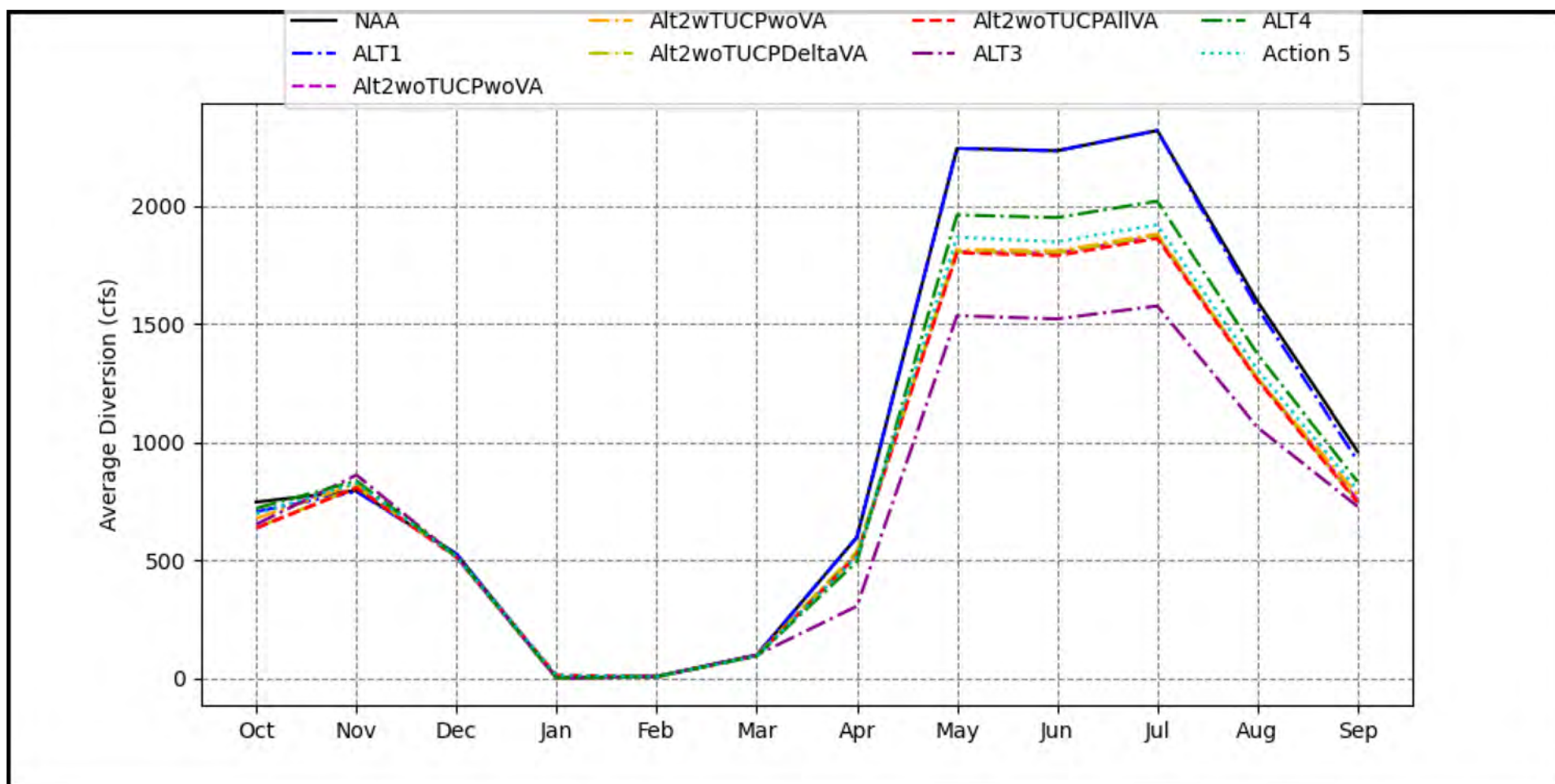


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-5-17 Hamilton City Diversion - Glenn Colusa Canal, Dry Year Average Diversion (cfs)



*As defined by the 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 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-5-18 Hamilton City Diversion - Glenn Colusa Canal, Critical Year Average Diversion (cfs)

F.2.3-6 Folsom South Canal Diversion

Table F.2.3-6-1 a. Folsom South Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
20% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
30% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
40% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
50% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
60% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
70% Exceedance	31	26	28	26	29	25	29	34	35	48	38	32
80% Exceedance	31	26	28	26	29	24	28	34	35	48	38	32
90% Exceedance	27	23	24	22	26	14	17	20	22	28	24	20
Full Simulation Period Average^a	29	24	27	24	29	23	27	32	33	46	36	30
Wet Years (27.7%)	31	26	28	26	30	25	28	34	35	48	38	32
Above Normal Years (13.9%)	31	26	28	24	28	25	29	34	35	48	38	32
Below Normal Years (17.8%)	31	26	28	24	29	23	28	33	35	48	38	32
Dry Years (23.8%)	31	26	28	25	29	24	28	33	34	48	38	32
Critical Years (15.8%)	21	17	19	22	25	16	21	24	25	34	28	24

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-1 b. Folsom South Canal Diversion, ALT1, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
20% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
30% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
40% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
50% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
60% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
70% Exceedance	31	26	28	26	29	25	29	34	35	48	38	32
80% Exceedance	31	26	28	26	29	24	28	34	35	48	38	32
90% Exceedance	28	23	25	23	27	14	25	31	32	44	35	29
Full Simulation Period Average^a	29	25	27	24	29	24	27	32	33	46	36	30
Wet Years (27.7%)	31	26	28	26	30	25	28	34	35	48	38	32
Above Normal Years (13.9%)	31	26	28	25	29	25	29	34	35	48	38	32
Below Normal Years (17.8%)	31	26	28	24	29	23	28	33	35	48	38	32
Dry Years (23.8%)	31	26	28	25	29	24	28	33	34	48	38	32
Critical Years (15.8%)	20	18	20	22	26	19	21	25	27	36	29	24

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-1 c. Folsom South Canal Diversion, ALT1 Minus NAA, Monthly Diversion (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	0	0	0
20% Exceedance	0	0	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	1	1	1	1	1	0	9	11	10	16	11	9
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	1	1	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	-1	1	1	0	0	2	1	2	2	2	2	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-2 a. Folsom South Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
20% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
30% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
40% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
50% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
60% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
70% Exceedance	31	26	28	26	29	25	29	34	35	48	38	32
80% Exceedance	31	26	28	26	29	24	28	34	35	48	38	32
90% Exceedance	27	23	24	22	26	14	17	20	22	28	24	20
Full Simulation Period Average^a	29	24	27	24	29	23	27	32	33	46	36	30
Wet Years (27.7%)	31	26	28	26	30	25	28	34	35	48	38	32
Above Normal Years (13.9%)	31	26	28	24	28	25	29	34	35	48	38	32
Below Normal Years (17.8%)	31	26	28	24	29	23	28	33	35	48	38	32
Dry Years (23.8%)	31	26	28	25	29	24	28	33	34	48	38	32
Critical Years (15.8%)	21	17	19	22	25	16	21	24	25	34	28	24

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-2 b. Folsom South Canal Diversion, Alt2woTUCPwoVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
20% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
30% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
40% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
50% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
60% Exceedance	31	26	28	26	29	25	29	34	35	48	38	32
70% Exceedance	31	26	28	26	29	25	29	34	35	48	38	32
80% Exceedance	31	26	28	25	27	23	27	33	34	47	37	31
90% Exceedance	28	23	25	23	25	23	26	31	32	44	35	29
Full Simulation Period Average^a	29	24	27	24	28	24	27	32	33	46	36	30
Wet Years (27.7%)	31	26	28	26	30	25	28	34	35	48	38	32
Above Normal Years (13.9%)	31	26	28	25	30	25	29	34	35	48	38	32
Below Normal Years (17.8%)	31	26	28	25	29	25	28	33	35	48	38	32
Dry Years (23.8%)	30	25	28	24	29	25	28	33	34	48	38	31
Critical Years (15.8%)	21	18	20	22	22	21	23	25	27	36	29	23

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-2 c. Folsom South Canal Diversion, Alt2woTUCPwoVA Minus NAA, Monthly Diversion (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	0	0	0
20% Exceedance	0	0	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	-1	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	-2	-1	0	-1	-1	-1	-1	-1
90% Exceedance	1	1	1	1	-1	9	10	11	10	16	11	8
Full Simulation Period Average^a	0	0	0	0	0	1	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	1	2	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	1	0	1	1	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	1	1	1	0	-3	4	2	1	1	2	1	-1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-3 a. Folsom South Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
20% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
30% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
40% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
50% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
60% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
70% Exceedance	31	26	28	26	29	25	29	34	35	48	38	32
80% Exceedance	31	26	28	26	29	24	28	34	35	48	38	32
90% Exceedance	27	23	24	22	26	14	17	20	22	28	24	20
Full Simulation Period Average^a	29	24	27	24	29	23	27	32	33	46	36	30
Wet Years (27.7%)	31	26	28	26	30	25	28	34	35	48	38	32
Above Normal Years (13.9%)	31	26	28	24	28	25	29	34	35	48	38	32
Below Normal Years (17.8%)	31	26	28	24	29	23	28	33	35	48	38	32
Dry Years (23.8%)	31	26	28	25	29	24	28	33	34	48	38	32
Critical Years (15.8%)	21	17	19	22	25	16	21	24	25	34	28	24

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-3 b. Folsom South Canal Diversion, Alt2wTUCPwoVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
20% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
30% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
40% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
50% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
60% Exceedance	31	26	28	26	29	25	29	34	35	48	38	32
70% Exceedance	31	26	28	26	29	25	29	34	35	48	38	32
80% Exceedance	31	26	28	26	27	23	27	33	35	48	38	32
90% Exceedance	28	23	25	23	16	14	17	20	22	28	24	20
Full Simulation Period Average^a	30	25	27	24	28	24	27	32	33	46	36	30
Wet Years (27.7%)	31	26	28	26	30	25	28	34	35	48	38	32
Above Normal Years (13.9%)	31	26	28	25	30	25	29	34	35	48	38	32
Below Normal Years (17.8%)	31	26	28	25	28	24	28	33	35	48	38	32
Dry Years (23.8%)	30	25	28	24	28	24	28	33	34	48	38	31
Critical Years (15.8%)	23	19	20	22	21	17	19	23	25	33	27	23

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-3 c. Folsom South Canal Diversion, Alt2wTUCPwoVA Minus NAA, Monthly Diversion (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	0	0	0
20% Exceedance	0	0	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	-1	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	-2	-1	0	0	0	0	0	0
90% Exceedance	1	1	1	1	-10	0	0	0	0	0	0	0
Full Simulation Period Average^a	0	0	0	0	-1	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	1	2	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	1	0	1	1	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	-1	0	0	0	0	0	0	0
Critical Years (15.8%)	2	2	1	0	-4	1	-1	-1	-1	-1	-1	-1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-4 a. Folsom South Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
20% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
30% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
40% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
50% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
60% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
70% Exceedance	31	26	28	26	29	25	29	34	35	48	38	32
80% Exceedance	31	26	28	26	29	24	28	34	35	48	38	32
90% Exceedance	27	23	24	22	26	14	17	20	22	28	24	20
Full Simulation Period Average^a	29	24	27	24	29	23	27	32	33	46	36	30
Wet Years (27.7%)	31	26	28	26	30	25	28	34	35	48	38	32
Above Normal Years (13.9%)	31	26	28	24	28	25	29	34	35	48	38	32
Below Normal Years (17.8%)	31	26	28	24	29	23	28	33	35	48	38	32
Dry Years (23.8%)	31	26	28	25	29	24	28	33	34	48	38	32
Critical Years (15.8%)	21	17	19	22	25	16	21	24	25	34	28	24

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-4 b. Folsom South Canal Diversion, Alt2woTUCPDeltaVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
20% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
30% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
40% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
50% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
60% Exceedance	31	26	28	26	29	25	29	34	35	48	38	32
70% Exceedance	31	26	28	26	29	25	29	34	35	48	38	32
80% Exceedance	31	26	28	25	27	23	28	33	34	47	37	31
90% Exceedance	28	23	25	23	27	23	26	31	32	44	35	29
Full Simulation Period Average^a	29	25	27	25	28	24	28	32	33	46	36	30
Wet Years (27.7%)	31	26	28	26	30	25	28	34	35	48	38	32
Above Normal Years (13.9%)	31	26	28	25	30	25	29	34	35	48	38	32
Below Normal Years (17.8%)	31	26	28	25	29	25	28	33	35	48	38	32
Dry Years (23.8%)	30	25	28	24	29	25	28	33	34	48	38	31
Critical Years (15.8%)	22	18	21	22	22	21	24	26	27	37	30	24

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-4 c. Folsom South Canal Diversion, Alt2woTUCPDeltaVA Minus NAA, Monthly Diversion (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	0	0	0
20% Exceedance	0	0	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	-1	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	-2	-1	0	-1	-1	-1	-1	-1
90% Exceedance	1	1	1	1	0	9	10	11	10	16	11	9
Full Simulation Period Average^a	0	0	0	0	0	1	1	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	1	2	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	1	0	1	1	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	1	1	2	1	-3	4	3	2	2	3	2	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-5 a. Folsom South Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
20% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
30% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
40% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
50% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
60% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
70% Exceedance	31	26	28	26	29	25	29	34	35	48	38	32
80% Exceedance	31	26	28	26	29	24	28	34	35	48	38	32
90% Exceedance	27	23	24	22	26	14	17	20	22	28	24	20
Full Simulation Period Average^a	29	24	27	24	29	23	27	32	33	46	36	30
Wet Years (27.7%)	31	26	28	26	30	25	28	34	35	48	38	32
Above Normal Years (13.9%)	31	26	28	24	28	25	29	34	35	48	38	32
Below Normal Years (17.8%)	31	26	28	24	29	23	28	33	35	48	38	32
Dry Years (23.8%)	31	26	28	25	29	24	28	33	34	48	38	32
Critical Years (15.8%)	21	17	19	22	25	16	21	24	25	34	28	24

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-5 b. Folsom South Canal Diversion, Alt2woTUCPAIIVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
20% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
30% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
40% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
50% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
60% Exceedance	31	26	28	26	29	21	23	27	35	48	38	32
70% Exceedance	31	26	28	26	29	21	23	27	35	48	38	32
80% Exceedance	31	26	28	25	27	19	22	27	34	47	37	31
90% Exceedance	28	23	25	23	27	19	21	24	32	44	35	29
Full Simulation Period Average^a	29	24	27	24	28	23	25	29	33	46	36	30
Wet Years (27.7%)	31	26	28	26	30	25	28	34	35	48	38	32
Above Normal Years (13.9%)	31	26	28	25	30	25	29	34	35	48	38	32
Below Normal Years (17.8%)	31	26	28	25	29	24	27	32	35	48	38	32
Dry Years (23.8%)	30	25	28	24	29	21	23	27	34	48	38	31
Critical Years (15.8%)	21	18	20	22	23	17	17	18	27	36	29	23

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-5 c. Folsom South Canal Diversion, Alt2woTUCPAIIVA Minus NAA, Monthly Diversion (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	0	0	0
20% Exceedance	0	0	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	-1	-4	-5	-7	0	0	0	0
70% Exceedance	0	0	0	0	0	-4	-5	-7	0	0	0	0
80% Exceedance	0	0	0	0	-2	-4	-5	-7	-1	-1	-1	-1
90% Exceedance	1	1	1	1	0	5	4	4	10	16	11	8
Full Simulation Period Average^a	0	0	0	0	0	-1	-2	-3	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	1	2	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	1	0	1	0	-1	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	-3	-5	-6	0	0	0	0
Critical Years (15.8%)	1	1	1	0	-2	0	-3	-5	1	2	1	-1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-6 a. Folsom South Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
20% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
30% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
40% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
50% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
60% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
70% Exceedance	31	26	28	26	29	25	29	34	35	48	38	32
80% Exceedance	31	26	28	26	29	24	28	34	35	48	38	32
90% Exceedance	27	23	24	22	26	14	17	20	22	28	24	20
Full Simulation Period Average^a	29	24	27	24	29	23	27	32	33	46	36	30
Wet Years (27.7%)	31	26	28	26	30	25	28	34	35	48	38	32
Above Normal Years (13.9%)	31	26	28	24	28	25	29	34	35	48	38	32
Below Normal Years (17.8%)	31	26	28	24	29	23	28	33	35	48	38	32
Dry Years (23.8%)	31	26	28	25	29	24	28	33	34	48	38	32
Critical Years (15.8%)	21	17	19	22	25	16	21	24	25	34	28	24

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-6 b. Folsom South Canal Diversion, ALT3, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	31	26	28	26	16	25	29	34	35	48	38	32
20% Exceedance	31	26	28	26	16	14	29	34	35	48	38	32
30% Exceedance	31	26	28	26	16	14	29	34	35	48	38	32
40% Exceedance	31	26	28	26	16	14	29	34	35	48	38	32
50% Exceedance	31	26	15	14	16	14	29	34	35	48	38	32
60% Exceedance	31	26	15	14	16	14	28	34	35	48	38	32
70% Exceedance	31	26	15	14	16	14	17	34	35	48	38	32
80% Exceedance	18	15	15	14	16	14	17	20	22	28	24	20
90% Exceedance	18	15	15	14	16	14	17	20	22	28	24	20
Full Simulation Period Average^a	28	23	21	19	16	16	24	30	32	44	35	29
Wet Years (27.7%)	31	26	24	24	16	19	28	34	35	48	38	32
Above Normal Years (13.9%)	31	26	22	21	16	17	28	34	35	48	38	32
Below Normal Years (17.8%)	28	23	21	19	16	16	24	30	32	44	35	29
Dry Years (23.8%)	28	23	19	16	16	14	22	31	32	44	35	29
Critical Years (15.8%)	19	16	15	15	16	14	17	22	24	32	26	21

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-6 c. Folsom South Canal Diversion, ALT3 Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	-14	0	0	0	0	0	0	0
20% Exceedance	0	0	0	0	-14	-11	0	0	0	0	0	0
30% Exceedance	0	0	0	0	-14	-11	0	0	0	0	0	0
40% Exceedance	0	0	0	0	-14	-11	0	0	0	0	0	0
50% Exceedance	0	0	-13	-12	-14	-11	0	0	0	0	0	0
60% Exceedance	0	0	-13	-12	-14	-11	-1	0	0	0	0	0
70% Exceedance	0	0	-13	-12	-13	-11	-12	0	0	0	0	0
80% Exceedance	-13	-11	-13	-12	-14	-9	-11	-14	-13	-20	-14	-11
90% Exceedance	-9	-8	-9	-8	-11	0	0	0	0	0	0	0
Full Simulation Period Average^a	-1	-1	-6	-5	-12	-7	-3	-1	-1	-2	-2	-1
Wet Years (27.7%)	0	0	-4	-2	-14	-7	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	-6	-3	-12	-9	-1	0	0	0	0	0
Below Normal Years (17.8%)	-3	-2	-6	-5	-12	-7	-4	-3	-3	-4	-3	-3
Dry Years (23.8%)	-3	-2	-8	-9	-13	-10	-7	-3	-3	-4	-3	-2
Critical Years (15.8%)	-1	-1	-4	-7	-9	-2	-4	-1	-1	-2	-2	-2

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-7 a. Folsom South Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
20% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
30% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
40% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
50% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
60% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
70% Exceedance	31	26	28	26	29	25	29	34	35	48	38	32
80% Exceedance	31	26	28	26	29	24	28	34	35	48	38	32
90% Exceedance	27	23	24	22	26	14	17	20	22	28	24	20
Full Simulation Period Average^a	29	24	27	24	29	23	27	32	33	46	36	30
Wet Years (27.7%)	31	26	28	26	30	25	28	34	35	48	38	32
Above Normal Years (13.9%)	31	26	28	24	28	25	29	34	35	48	38	32
Below Normal Years (17.8%)	31	26	28	24	29	23	28	33	35	48	38	32
Dry Years (23.8%)	31	26	28	25	29	24	28	33	34	48	38	32
Critical Years (15.8%)	21	17	19	22	25	16	21	24	25	34	28	24

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-7 b. Folsom South Canal Diversion, ALT4, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
20% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
30% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
40% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
50% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
60% Exceedance	31	26	28	26	29	25	29	34	35	48	38	32
70% Exceedance	31	26	28	26	29	25	29	34	35	48	38	32
80% Exceedance	31	26	28	26	27	23	28	34	35	48	38	32
90% Exceedance	28	23	25	23	16	14	17	20	22	28	24	20
Full Simulation Period Average^a	30	25	27	24	27	23	27	32	33	46	36	30
Wet Years (27.7%)	31	26	28	26	30	25	28	34	35	48	38	32
Above Normal Years (13.9%)	31	26	28	25	30	25	29	34	35	48	38	32
Below Normal Years (17.8%)	31	26	28	24	28	24	28	33	35	48	38	32
Dry Years (23.8%)	31	26	28	25	28	24	28	33	34	48	38	32
Critical Years (15.8%)	23	19	20	22	20	17	19	24	25	34	28	24

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-7 c. Folsom South Canal Diversion, ALT4 Minus NAA, Monthly Diversion (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	0	0	0
20% Exceedance	0	0	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	-1	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	-2	-1	0	0	0	0	0	0
90% Exceedance	1	1	1	1	-10	0	0	0	0	0	0	0
Full Simulation Period Average^a	0	0	0	0	-1	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	1	2	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	-1	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	-2	0	0	0	0	0	0	0
Critical Years (15.8%)	2	1	1	0	-6	1	-1	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-8 a. Folsom South Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
20% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
30% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
40% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
50% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
60% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
70% Exceedance	31	26	28	26	29	25	29	34	35	48	38	32
80% Exceedance	31	26	28	26	29	24	28	34	35	48	38	32
90% Exceedance	27	23	24	22	26	14	17	20	22	28	24	20
Full Simulation Period Average^a	29	24	27	24	29	23	27	32	33	46	36	30
Wet Years (27.7%)	31	26	28	26	30	25	28	34	35	48	38	32
Above Normal Years (13.9%)	31	26	28	24	28	25	29	34	35	48	38	32
Below Normal Years (17.8%)	31	26	28	24	29	23	28	33	35	48	38	32
Dry Years (23.8%)	31	26	28	25	29	24	28	33	34	48	38	32
Critical Years (15.8%)	21	17	19	22	25	16	21	24	25	34	28	24

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-8 b. Folsom South Canal Diversion, Action 5, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
20% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
30% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
40% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
50% Exceedance	31	26	28	26	30	25	29	34	35	48	38	32
60% Exceedance	31	26	28	26	29	21	23	27	35	48	38	32
70% Exceedance	31	26	28	26	29	21	23	27	35	48	38	32
80% Exceedance	31	26	28	26	27	19	22	27	35	48	38	32
90% Exceedance	28	23	25	23	16	10	11	23	31	43	34	29
Full Simulation Period Average^a	30	25	27	25	28	21	24	29	33	46	36	31
Wet Years (27.7%)	31	26	28	26	30	25	28	34	35	48	38	32
Above Normal Years (13.9%)	31	26	28	25	30	25	29	34	35	48	38	32
Below Normal Years (17.8%)	31	26	28	25	28	23	26	32	35	48	38	32
Dry Years (23.8%)	31	26	28	25	28	19	21	27	34	48	38	32
Critical Years (15.8%)	25	20	22	22	21	13	14	18	26	35	28	24

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-6-8 c. Folsom South Canal Diversion, Action 5 Minus NAA, Monthly Diversion (cfs)

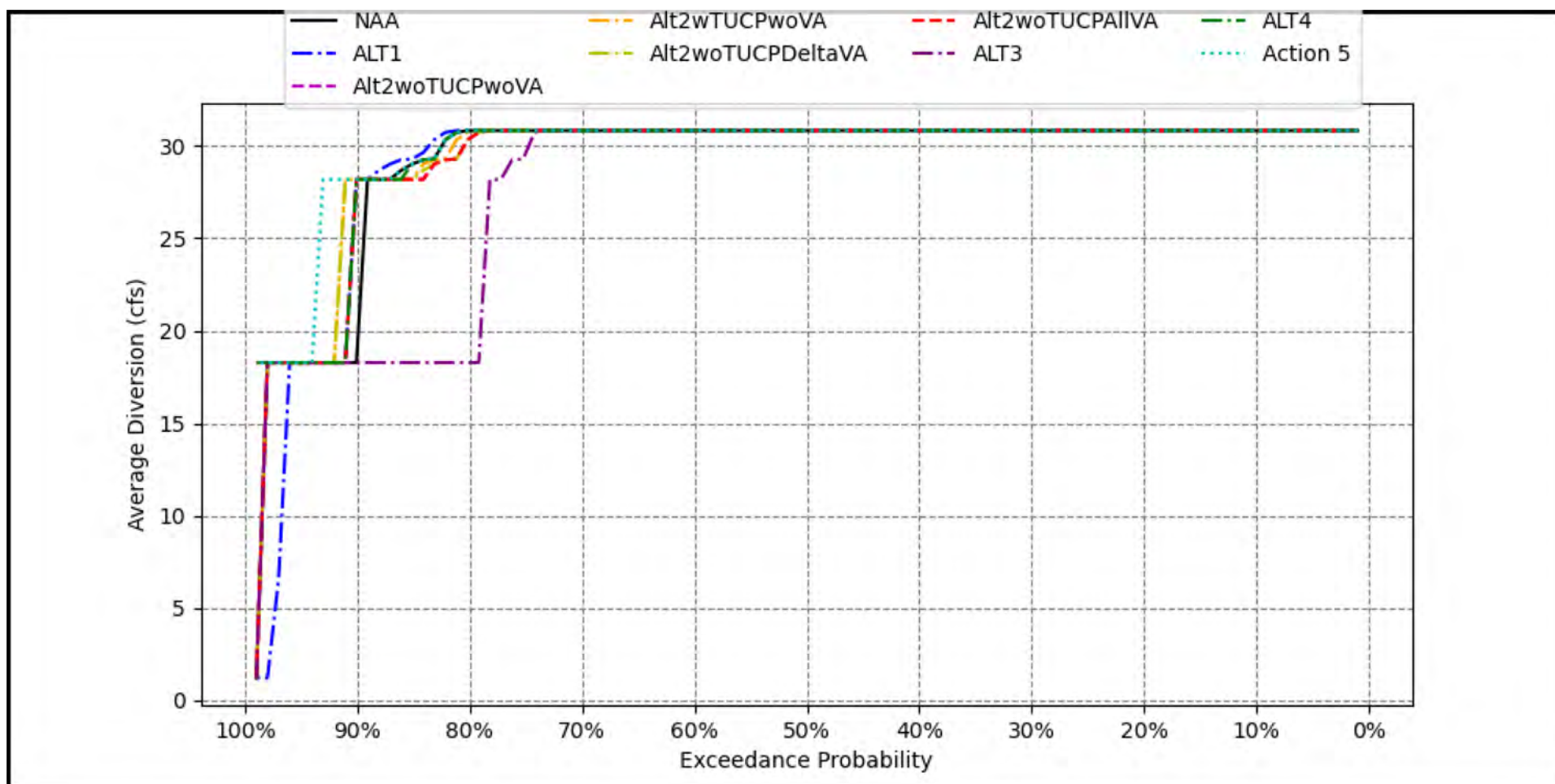
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
20% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	-1	-4	-5	-7	0	0	0	0
70% Exceedance	0	0	0	0	0	-4	-5	-7	0	0	0	0
80% Exceedance	0	0	0	0	-2	-5	-6	-7	0	0	0	0
90% Exceedance	1	1	1	1	-10	-4	-5	3	9	14	10	8
Full Simulation Period Average^a	1	0	0	0	-1	-2	-3	-3	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	1	2	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	1	0	0	-2	-1	0	0	0	0
Dry Years (23.8%)	0	0	0	0	-2	-5	-7	-6	0	0	0	0
Critical Years (15.8%)	4	3	3	1	-4	-4	-6	-6	1	1	1	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

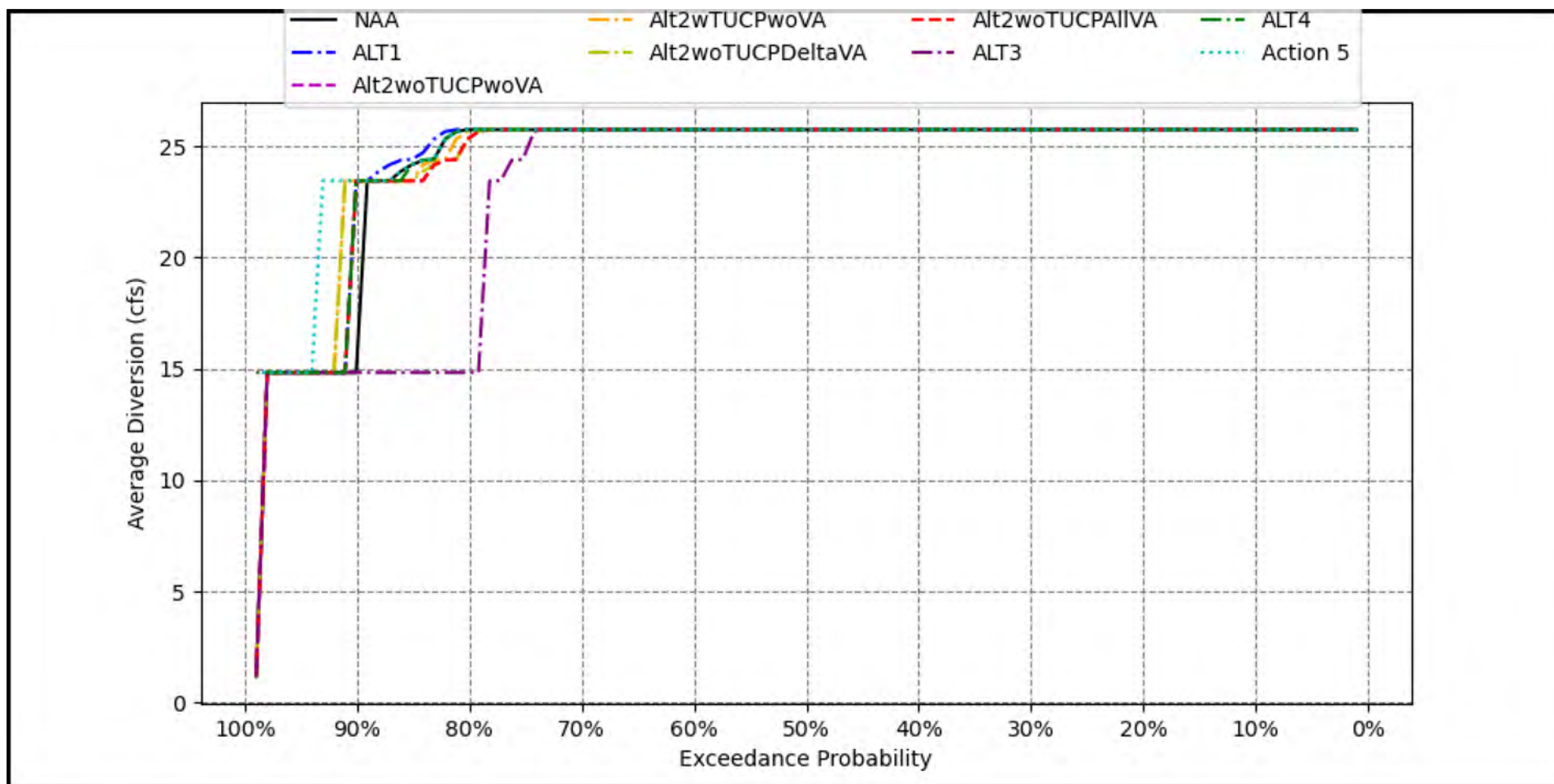
* Water Year Types defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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



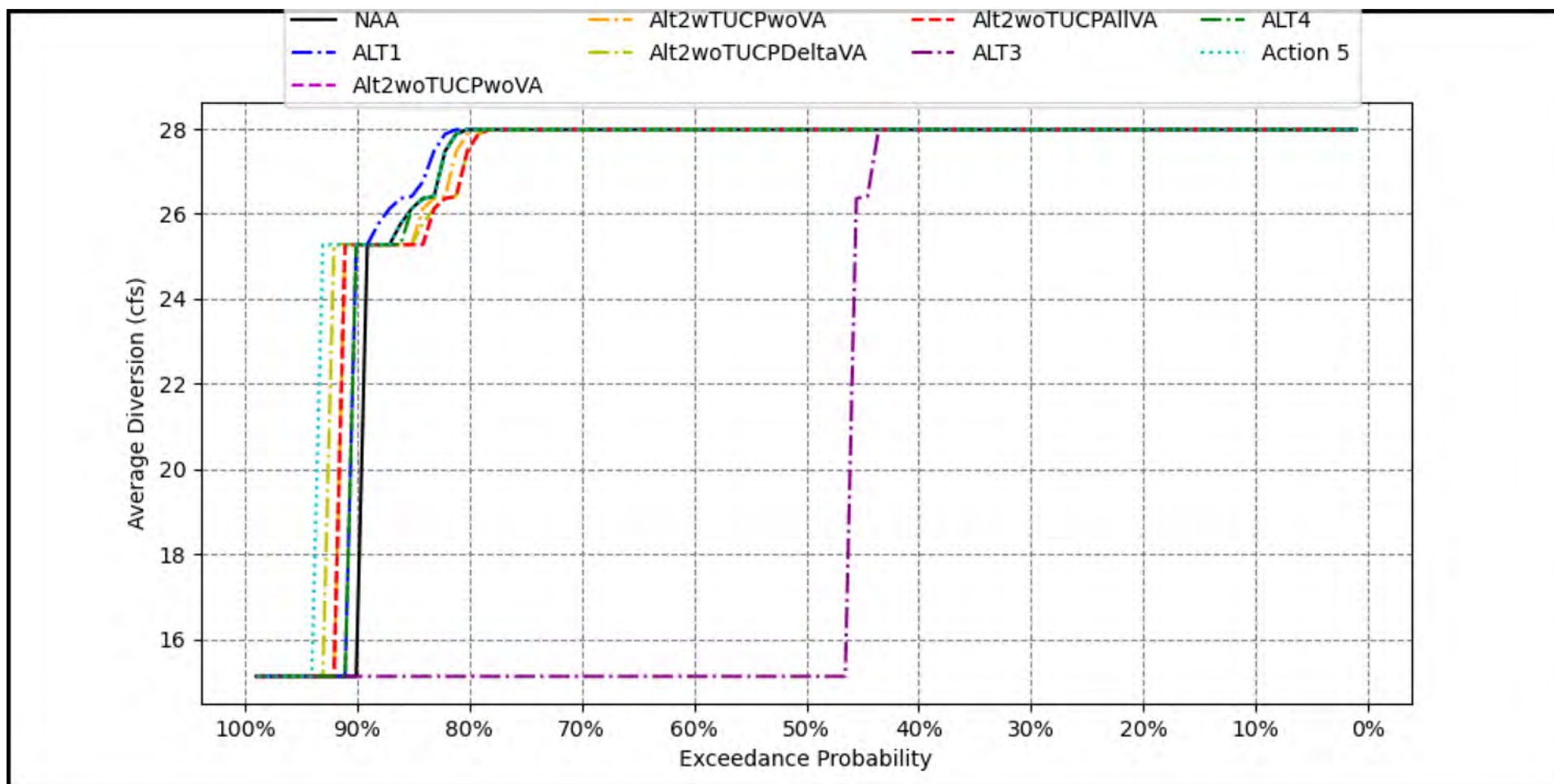
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-6-1 Folsom South Canal Diversion, October Diversion



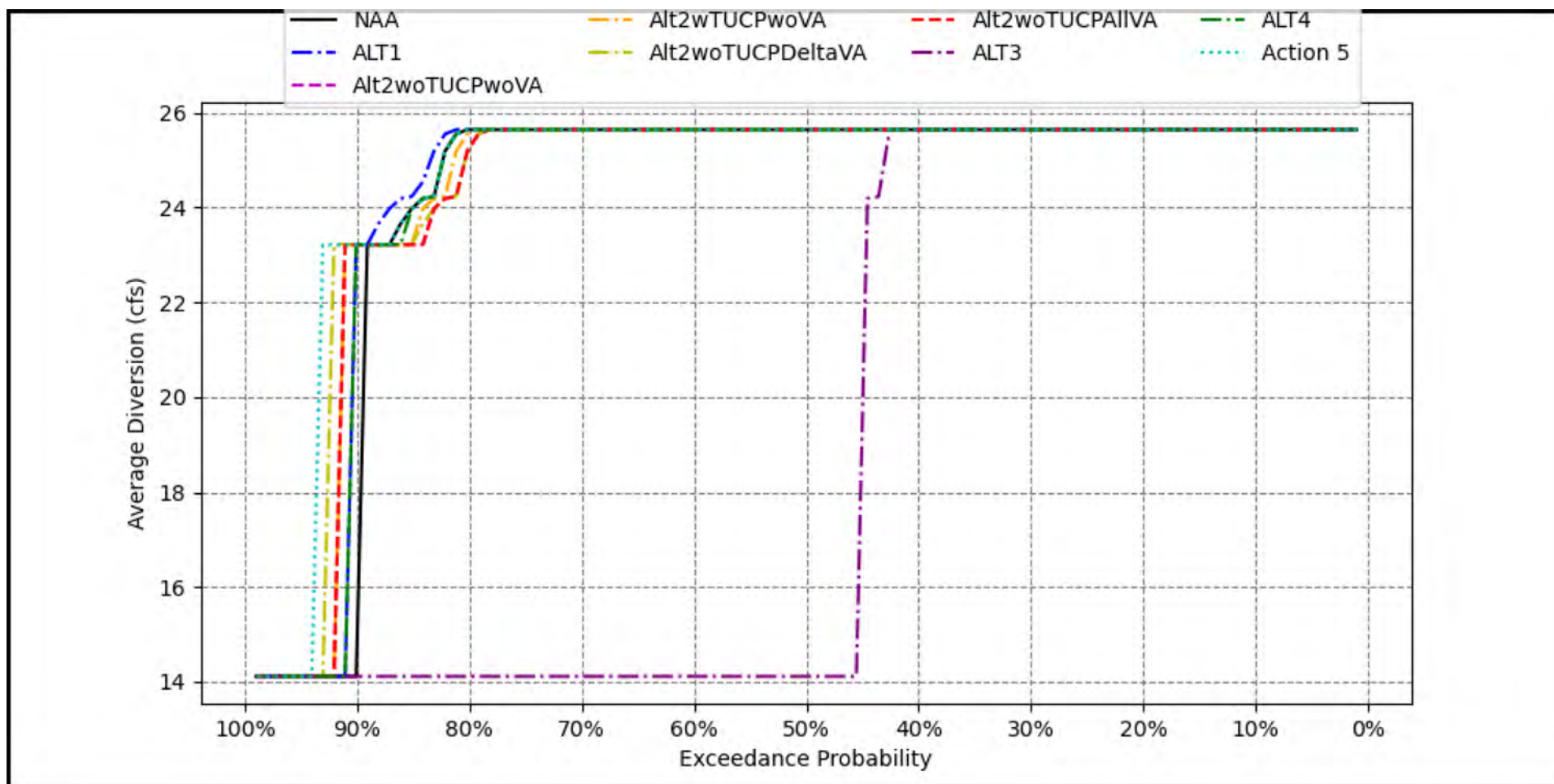
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-6-2 Folsom South Canal Diversion, November Diversion



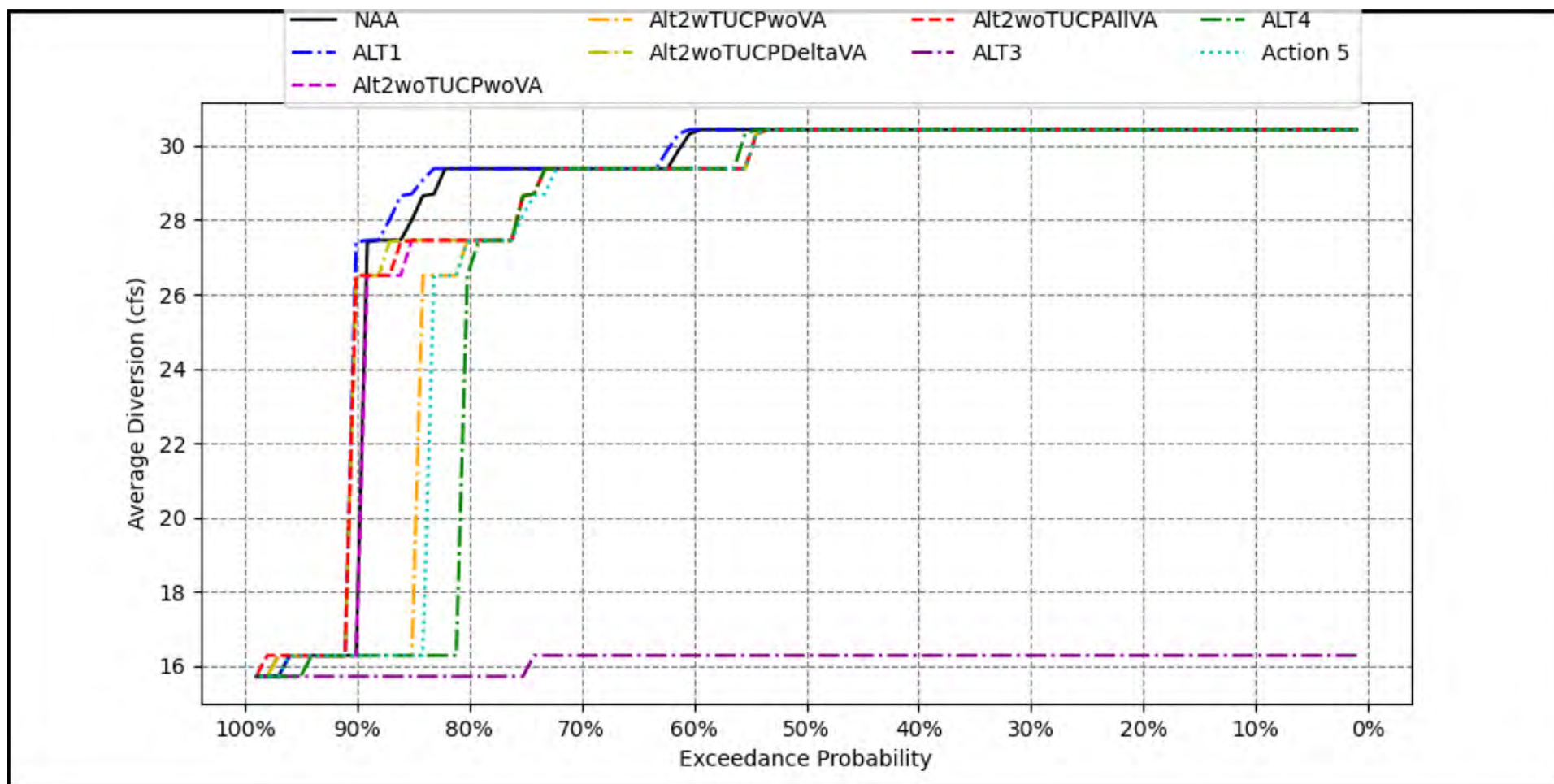
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-6-3 Folsom South Canal Diversion, December Diversion



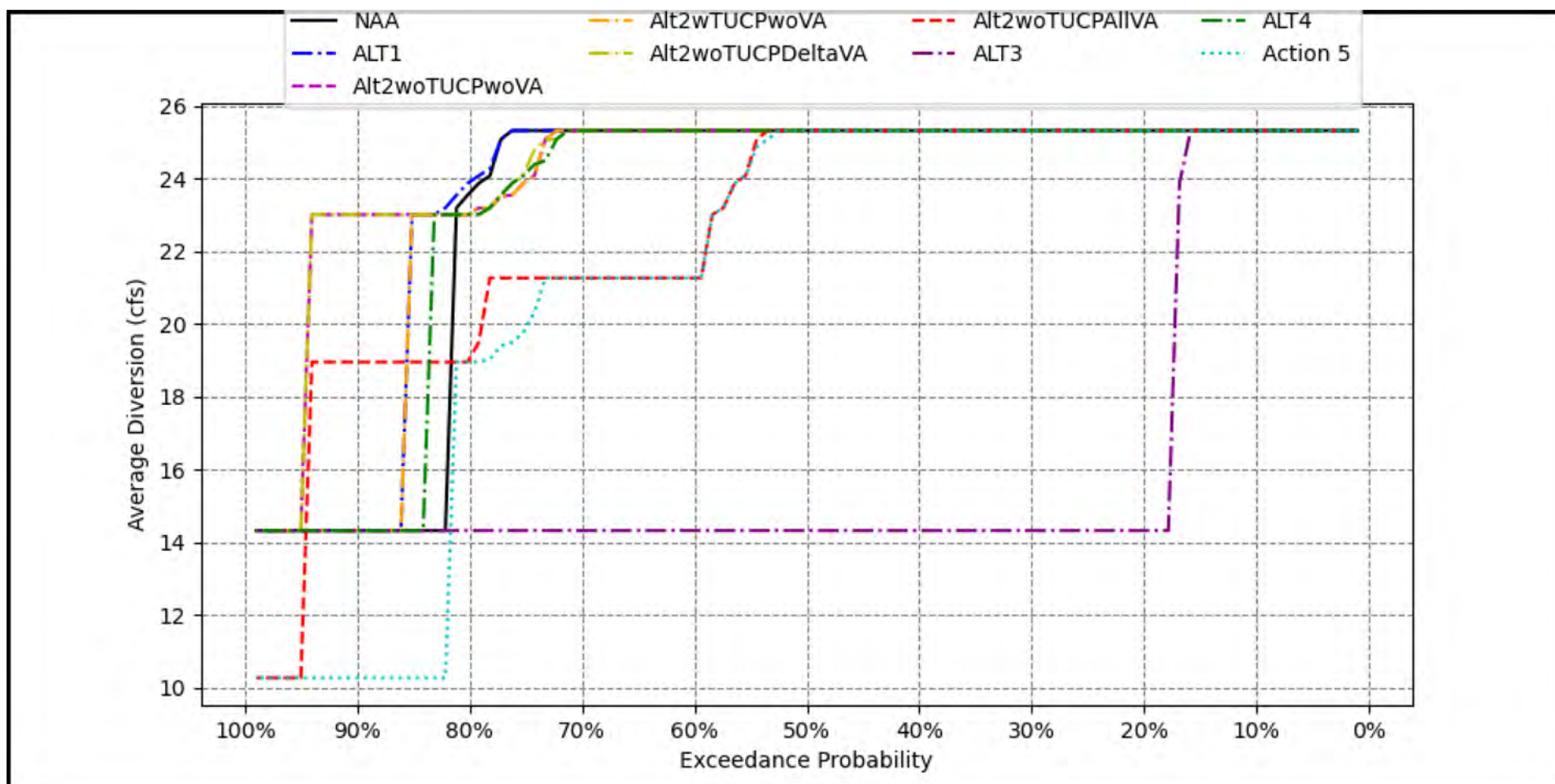
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-6-4 Folsom South Canal Diversion, January Diversion



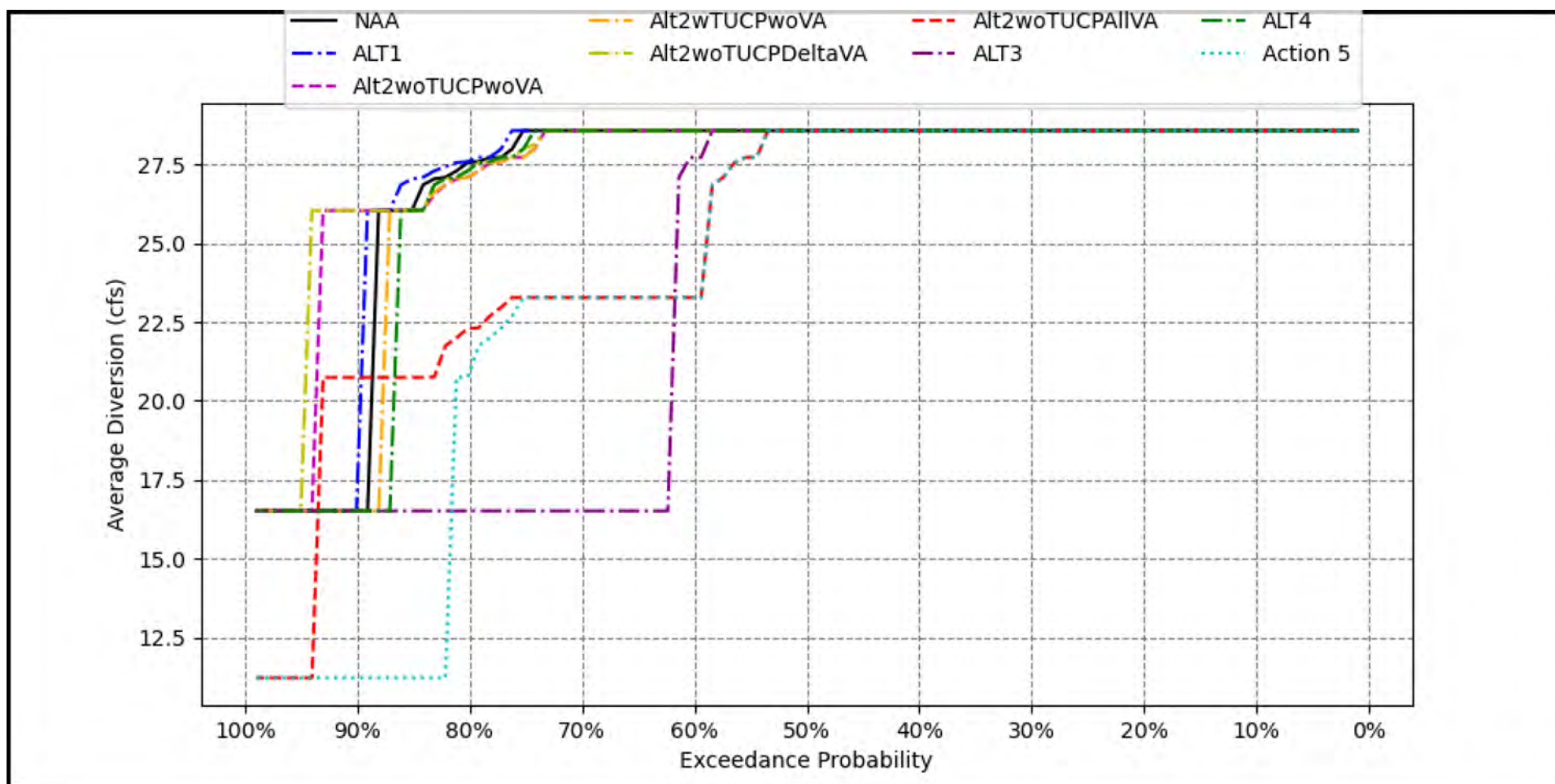
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-6-5 Folsom South Canal Diversion, February Diversion



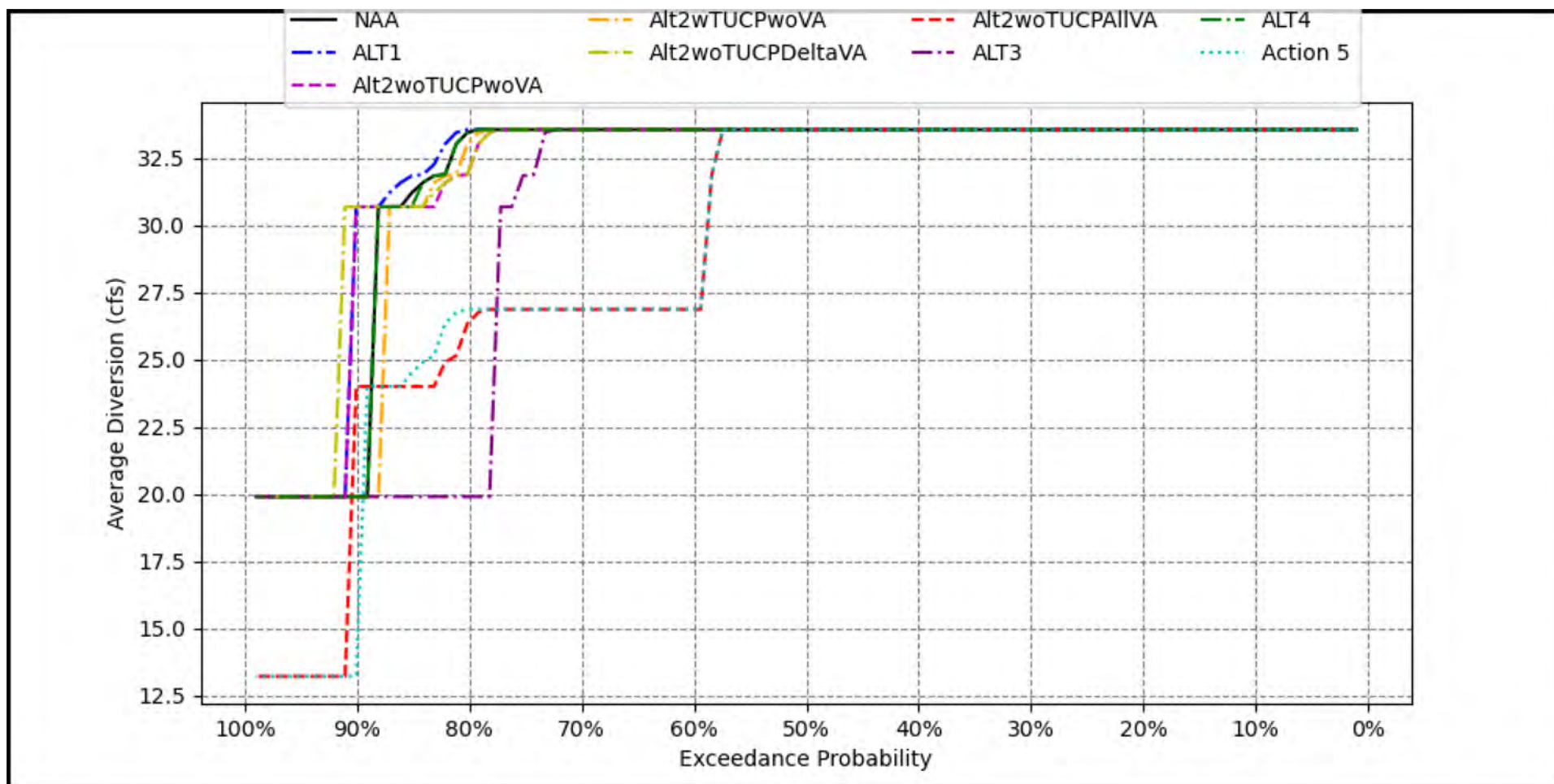
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-6-6 Folsom South Canal Diversion, March Diversion



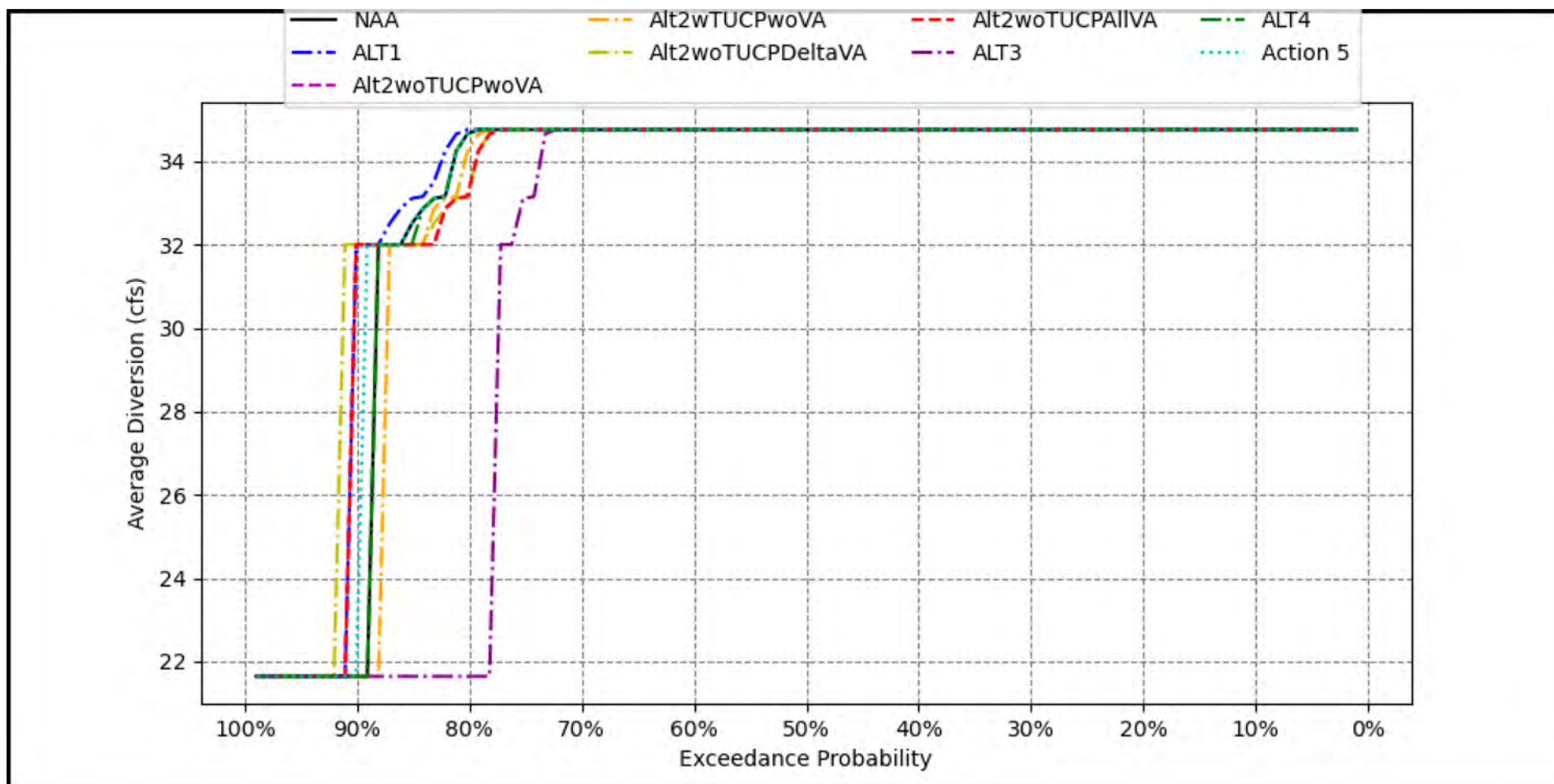
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-6-7 Folsom South Canal Diversion, April Diversion



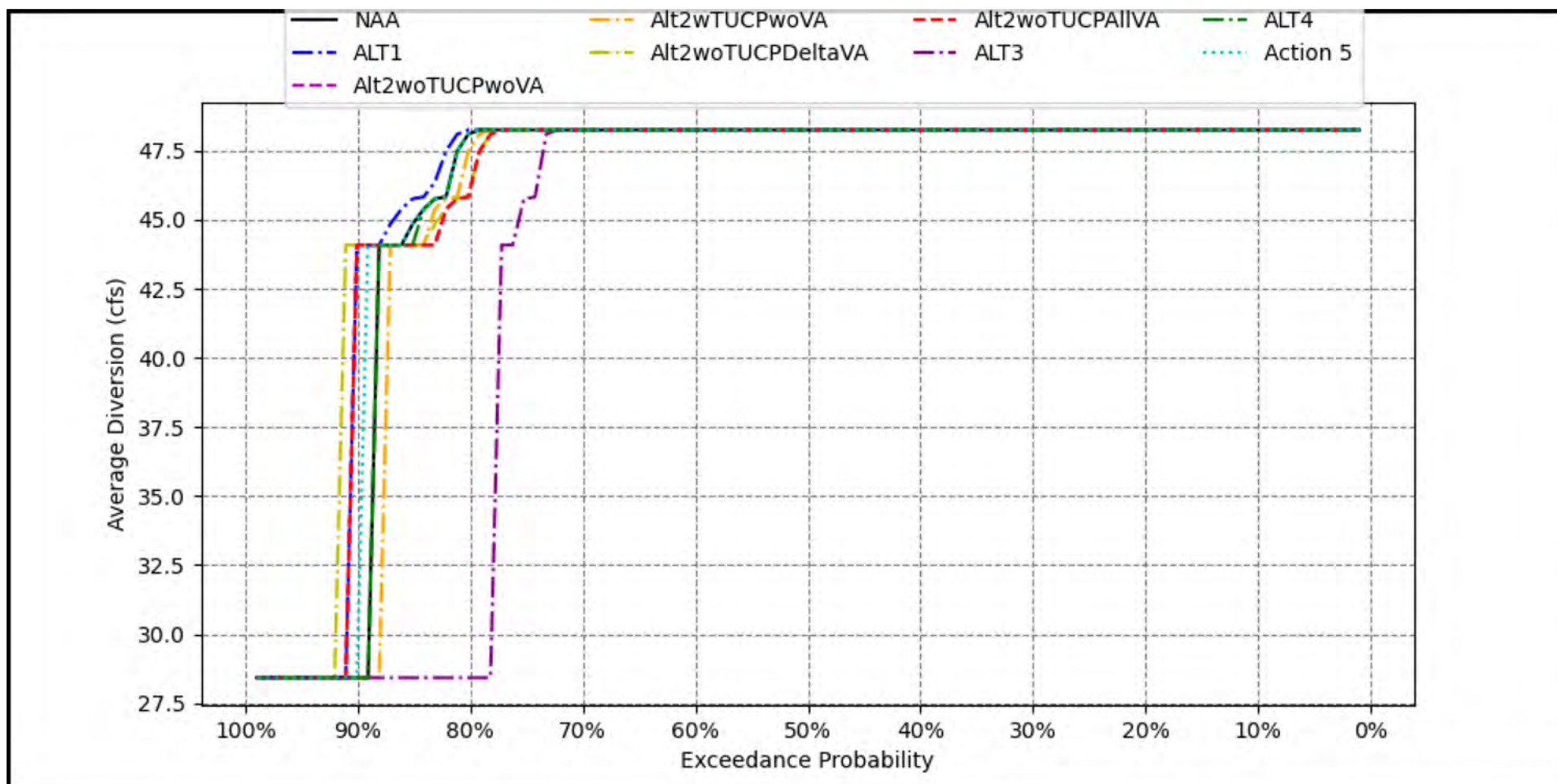
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-6-8 Folsom South Canal Diversion, May Diversion



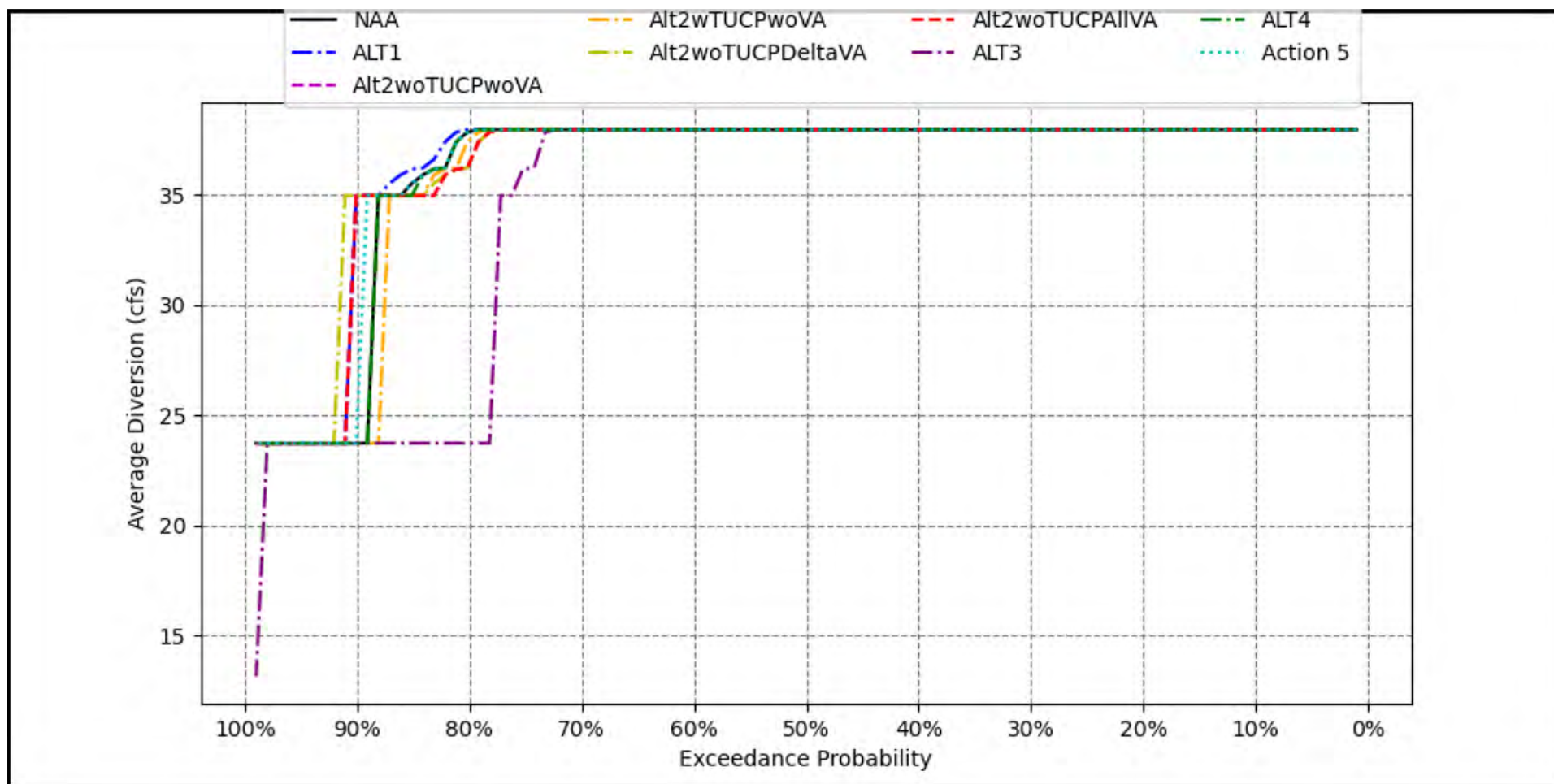
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-6-9 Folsom South Canal Diversion, June Diversion



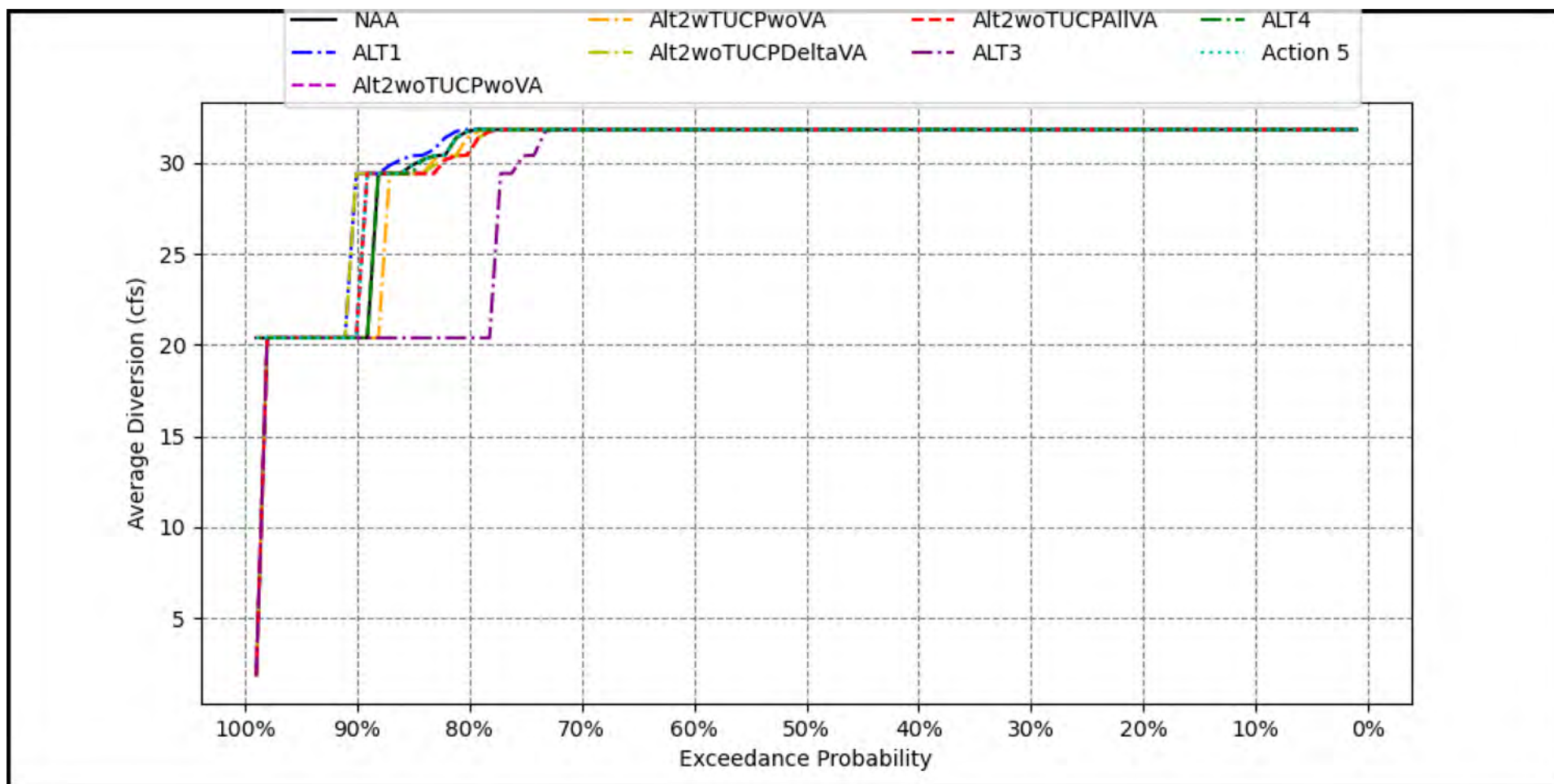
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-6-10 Folsom South Canal Diversion, July Diversion



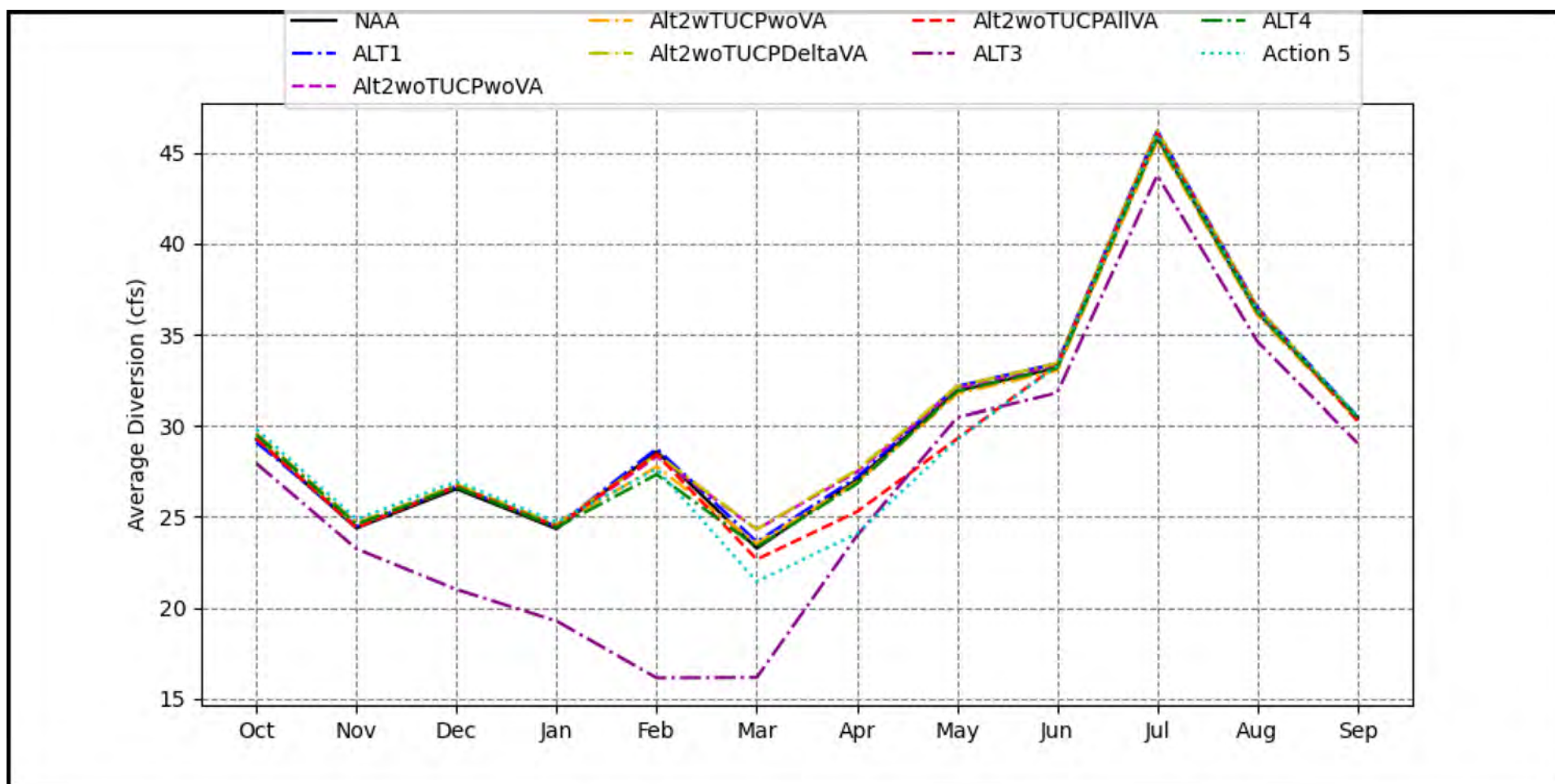
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-6-11 Folsom South Canal Diversion, August Diversion



*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-6-12 Folsom South Canal Diversion, September Diversion

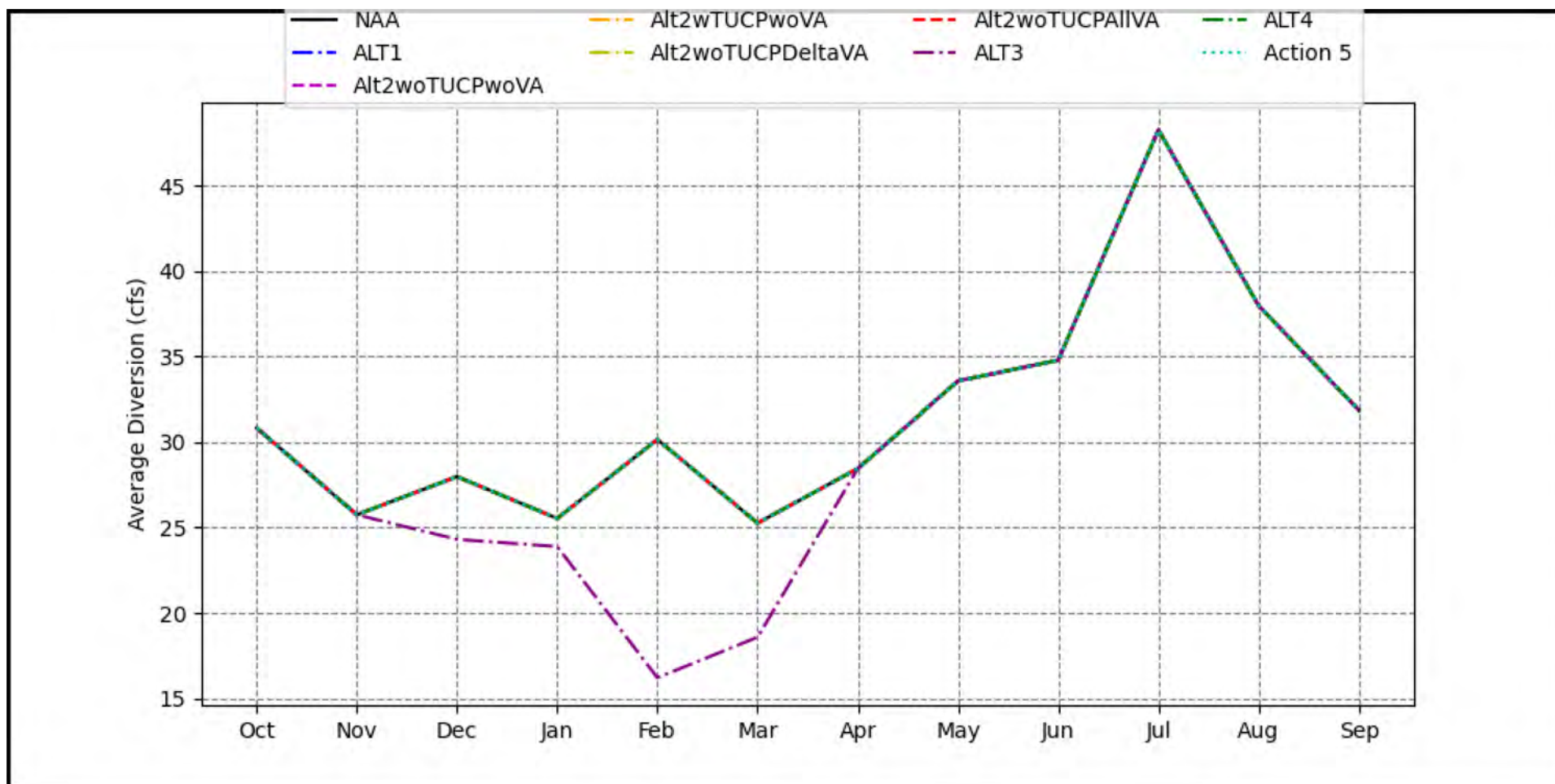


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-6-13 Folsom South Canal Diversion, Long Term Average Diversion (cfs)

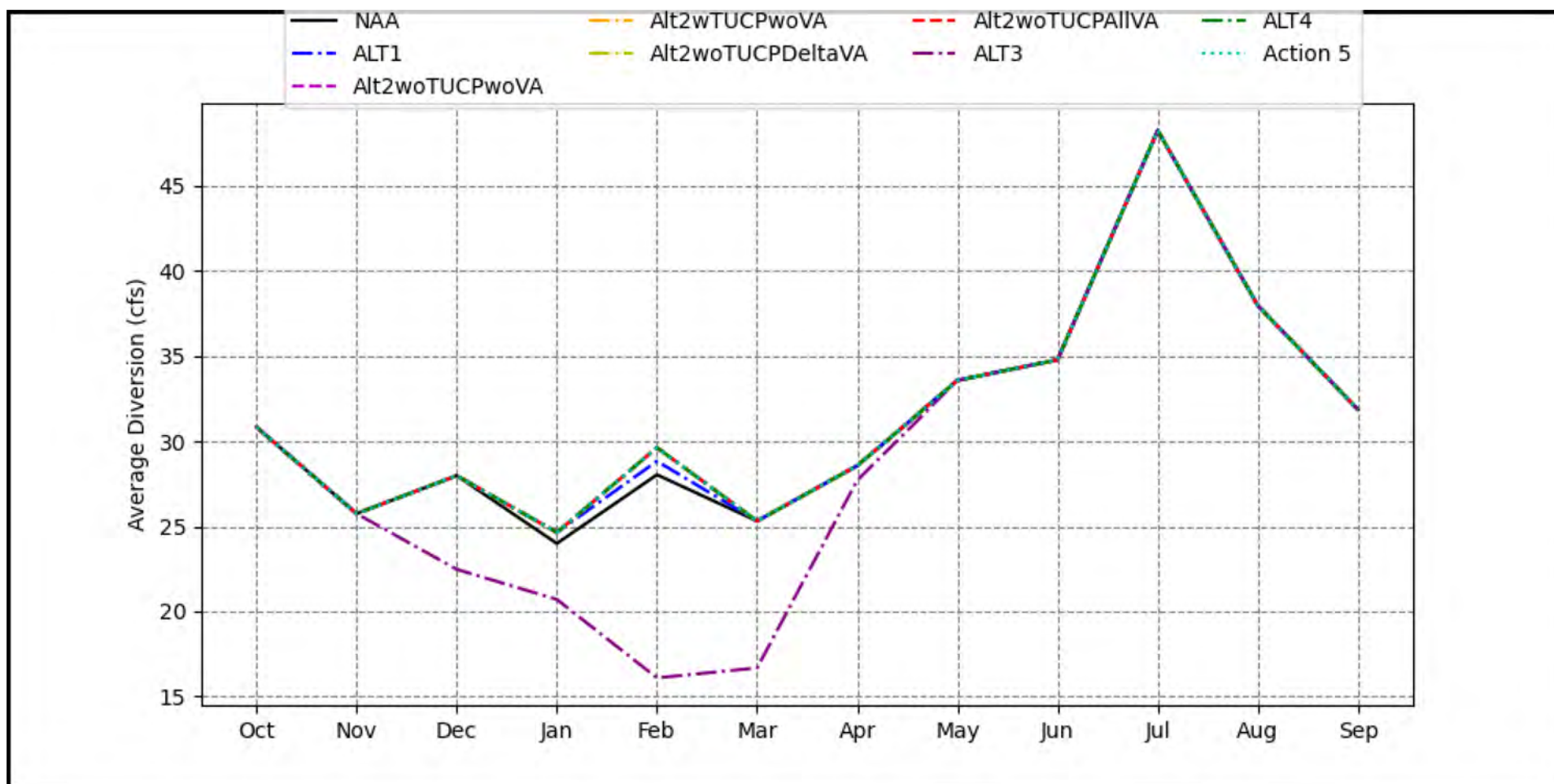


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-6-14 Folsom South Canal Diversion, Wet Year Average Diversion (cfs)

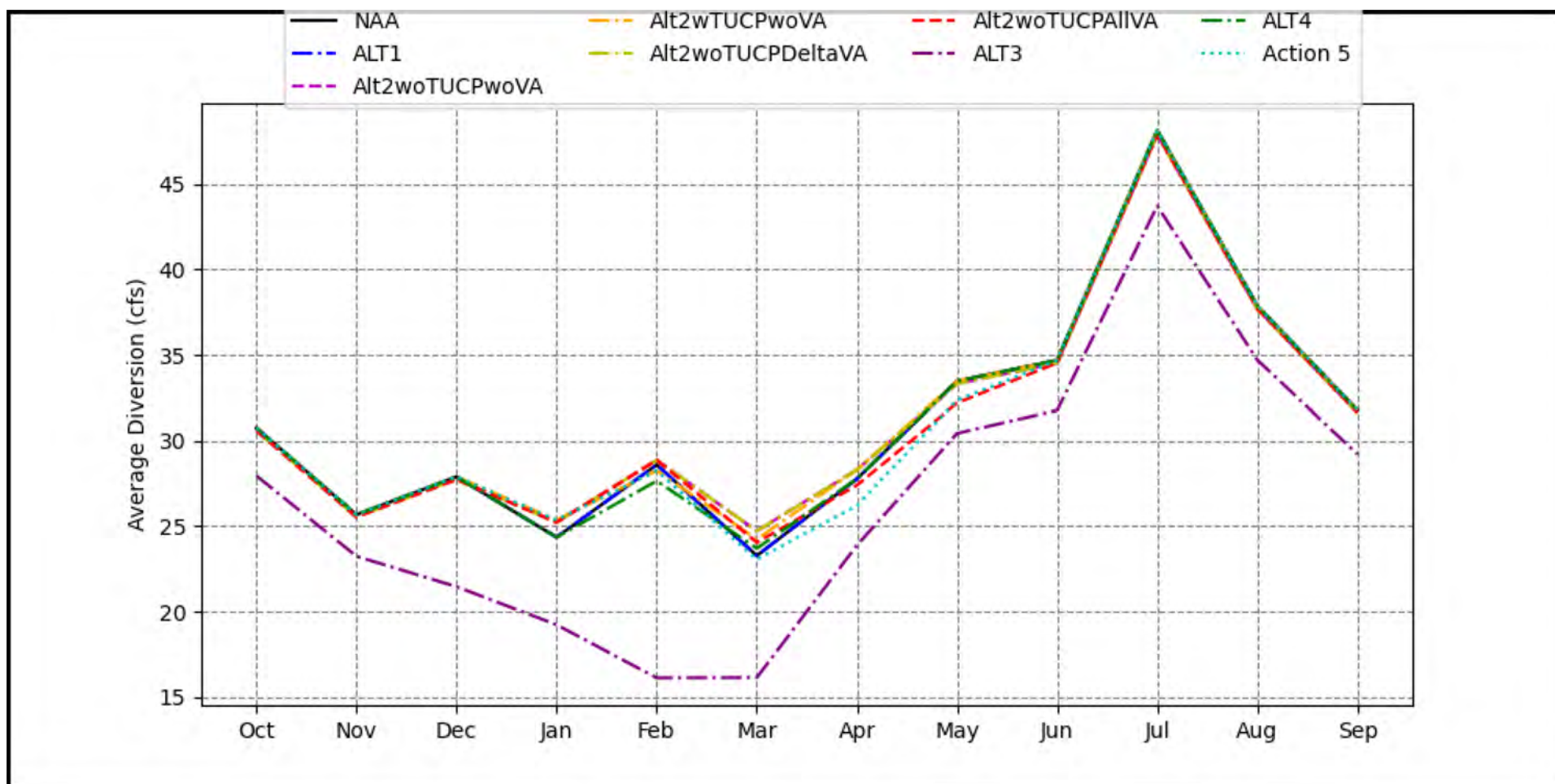


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-6-15 Folsom South Canal Diversion, Above Normal Year Average Diversion (cfs)

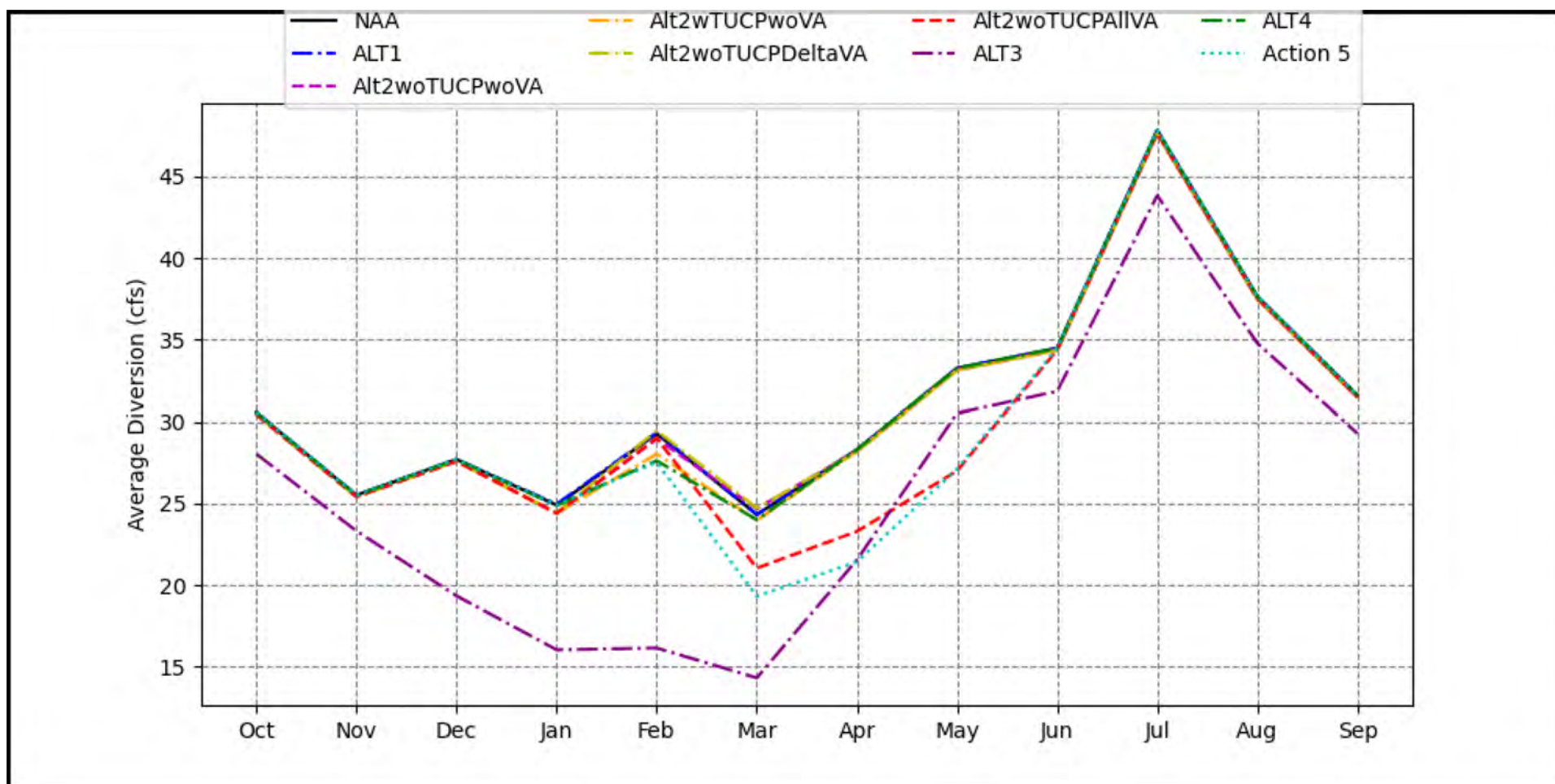


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-6-16 Folsom South Canal Diversion, Below Normal Year Average Diversion (cfs)

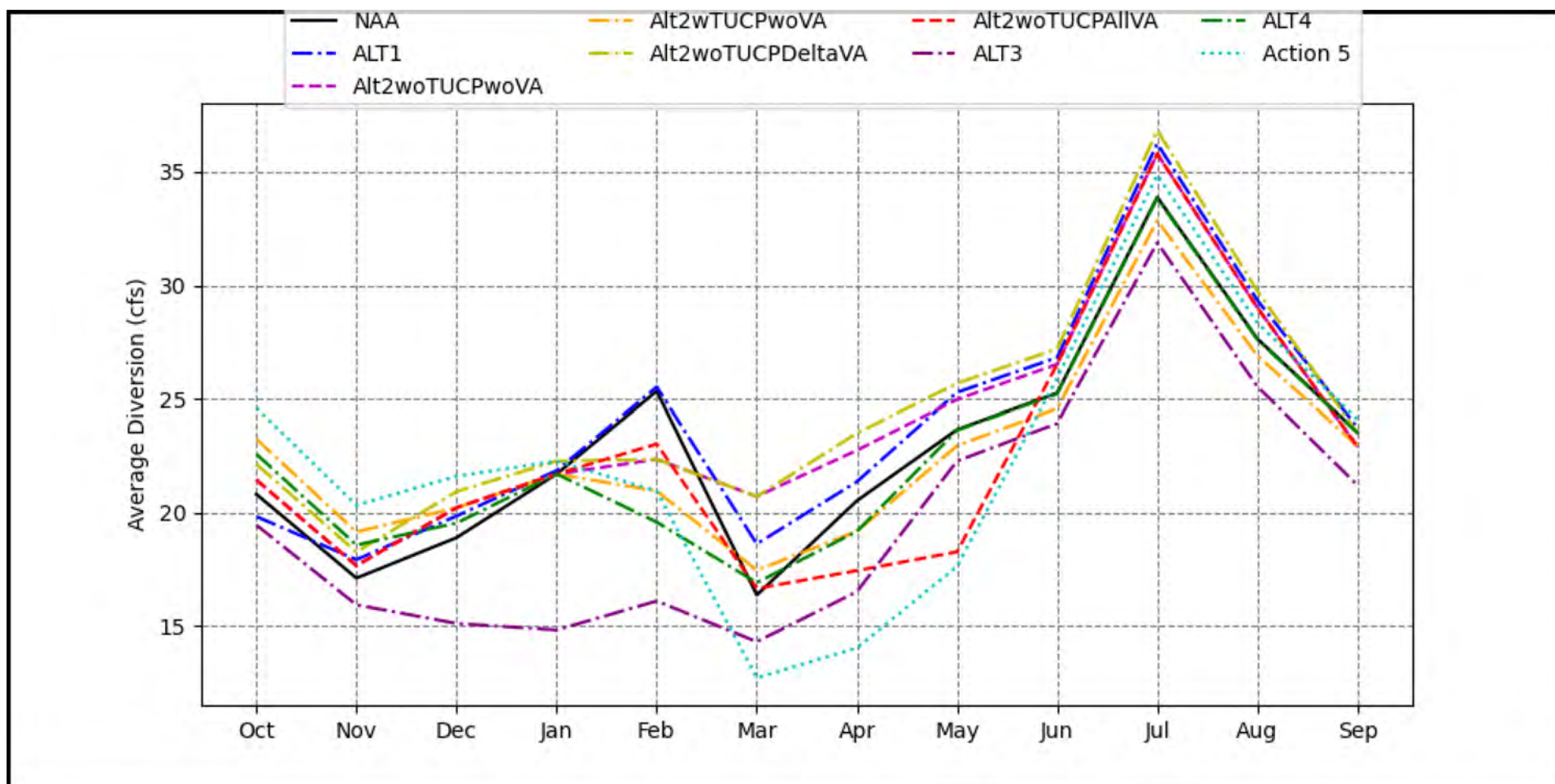


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-6-17 Folsom South Canal Diversion, Dry Year Average Diversion (cfs)



*As defined by the 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 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-6-18 Folsom South Canal Diversion, Critical Year Average Diversion (cfs)

F.2.3-7 Friant-Kern Canal Diversion

Table F.2.3-7-1 a. Friant-Kern Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	583	238	122	1,934	2,778	2,180	2,821	3,189	4,378	3,285	2,878	1,613
20% Exceedance	563	213	95	497	2,166	1,374	1,699	2,768	3,927	3,063	2,685	1,507
30% Exceedance	537	166	86	104	1,214	1,089	1,511	2,364	2,655	2,792	2,448	1,378
40% Exceedance	511	150	76	91	898	870	1,257	1,872	2,253	2,366	2,141	1,148
50% Exceedance	474	144	64	74	741	604	965	1,291	1,881	2,220	1,758	967
60% Exceedance	437	138	16	63	515	493	600	830	1,781	2,019	1,355	787
70% Exceedance	373	128	16	16	337	421	526	738	1,606	1,894	1,192	703
80% Exceedance	345	116	16	16	265	321	396	568	1,214	1,514	903	546
90% Exceedance	279	77	16	16	183	242	299	447	914	1,137	704	426
Full Simulation Period Average^a	485	207	161	436	1,086	923	1,218	1,627	2,264	2,270	1,799	1,032
Wet Years (27.7%)	635	358	157	1,096	2,147	1,659	2,090	2,656	3,449	3,113	2,699	1,540
Above Normal Years (13.9%)	611	197	85	301	1,011	1,107	1,461	1,963	2,749	2,657	2,127	1,217
Below Normal Years (17.8%)	455	144	131	270	760	772	1,104	1,607	2,110	2,224	1,681	967
Dry Years (23.8%)	407	160	327	137	569	520	726	1,006	1,599	1,857	1,342	763
Critical Years (15.8%)	279	95	19	31	438	248	346	486	934	1,128	756	458

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-1 b. Friant-Kern Canal Diversion, ALT1, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	585	238	122	1,943	2,801	2,186	2,821	3,190	4,378	3,285	2,878	1,613
20% Exceedance	563	213	95	497	2,166	1,374	1,699	2,773	3,929	3,063	2,685	1,507
30% Exceedance	538	166	86	104	1,215	1,089	1,511	2,366	2,656	2,792	2,449	1,378
40% Exceedance	511	150	76	91	898	870	1,258	1,869	2,254	2,367	2,141	1,148
50% Exceedance	474	144	64	74	741	605	967	1,295	1,886	2,222	1,761	969
60% Exceedance	443	138	16	63	522	495	670	832	1,786	2,021	1,356	789
70% Exceedance	373	128	16	16	338	420	525	736	1,602	1,896	1,184	701
80% Exceedance	345	116	16	16	267	322	397	572	1,222	1,524	911	549
90% Exceedance	289	77	16	16	184	242	299	447	916	1,140	706	427
Full Simulation Period Average^a	487	207	161	438	1,088	924	1,221	1,629	2,266	2,272	1,801	1,033
Wet Years (27.7%)	635	358	157	1,105	2,150	1,659	2,090	2,655	3,450	3,113	2,699	1,540
Above Normal Years (13.9%)	611	197	85	301	1,016	1,108	1,480	1,966	2,751	2,656	2,126	1,217
Below Normal Years (17.8%)	458	144	133	271	761	774	1,105	1,610	2,115	2,228	1,684	968
Dry Years (23.8%)	410	161	327	138	571	521	727	1,008	1,602	1,861	1,345	765
Critical Years (15.8%)	281	95	19	31	438	249	346	488	937	1,133	759	459

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-1 c. Friant-Kern Canal Diversion, ALT1 Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2	0	0	9	22	6	0	1	0	0	0	0
20% Exceedance	0	0	0	0	0	0	0	5	3	0	0	0
30% Exceedance	1	0	0	0	0	0	0	2	1	1	1	0
40% Exceedance	0	0	0	0	0	0	0	-4	1	1	1	0
50% Exceedance	0	0	0	0	0	1	2	3	5	2	3	2
60% Exceedance	6	0	0	0	7	2	69	2	5	2	2	3
70% Exceedance	0	0	0	0	0	-1	-1	-1	-4	2	-9	-1
80% Exceedance	1	0	0	0	1	1	1	4	8	11	8	3
90% Exceedance	11	0	0	0	1	1	0	1	2	3	1	1
Full Simulation Period Average^a	2	0	0	3	2	1	3	2	3	2	2	1
Wet Years (27.7%)	0	0	0	9	3	1	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	5	0	19	3	2	-1	0	0
Below Normal Years (17.8%)	3	0	2	1	1	2	1	4	5	4	3	1
Dry Years (23.8%)	3	1	0	1	1	1	1	3	3	4	3	1
Critical Years (15.8%)	3	0	0	0	0	1	1	2	3	4	3	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-2 a. Friant-Kern Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	583	238	122	1,934	2,778	2,180	2,821	3,189	4,378	3,285	2,878	1,613
20% Exceedance	563	213	95	497	2,166	1,374	1,699	2,768	3,927	3,063	2,685	1,507
30% Exceedance	537	166	86	104	1,214	1,089	1,511	2,364	2,655	2,792	2,448	1,378
40% Exceedance	511	150	76	91	898	870	1,257	1,872	2,253	2,366	2,141	1,148
50% Exceedance	474	144	64	74	741	604	965	1,291	1,881	2,220	1,758	967
60% Exceedance	437	138	16	63	515	493	600	830	1,781	2,019	1,355	787
70% Exceedance	373	128	16	16	337	421	526	738	1,606	1,894	1,192	703
80% Exceedance	345	116	16	16	265	321	396	568	1,214	1,514	903	546
90% Exceedance	279	77	16	16	183	242	299	447	914	1,137	704	426
Full Simulation Period Average^a	485	207	161	436	1,086	923	1,218	1,627	2,264	2,270	1,799	1,032
Wet Years (27.7%)	635	358	157	1,096	2,147	1,659	2,090	2,656	3,449	3,113	2,699	1,540
Above Normal Years (13.9%)	611	197	85	301	1,011	1,107	1,461	1,963	2,749	2,657	2,127	1,217
Below Normal Years (17.8%)	455	144	131	270	760	772	1,104	1,607	2,110	2,224	1,681	967
Dry Years (23.8%)	407	160	327	137	569	520	726	1,006	1,599	1,857	1,342	763
Critical Years (15.8%)	279	95	19	31	438	248	346	486	934	1,128	756	458

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-2 b. Friant-Kern Canal Diversion, Alt2woTUCPwoVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	583	238	122	1,933	2,776	2,179	2,821	3,189	4,378	3,285	2,878	1,613
20% Exceedance	563	213	95	497	2,166	1,374	1,699	2,769	3,926	3,063	2,685	1,507
30% Exceedance	537	166	86	104	1,214	1,089	1,511	2,364	2,655	2,791	2,448	1,378
40% Exceedance	511	150	76	91	898	870	1,257	1,872	2,253	2,366	2,141	1,148
50% Exceedance	474	144	64	74	741	604	965	1,291	1,880	2,219	1,757	967
60% Exceedance	435	138	16	63	513	493	600	829	1,781	2,019	1,354	787
70% Exceedance	373	128	16	16	337	421	526	737	1,605	1,894	1,192	703
80% Exceedance	345	116	16	16	265	321	396	568	1,213	1,513	902	546
90% Exceedance	279	77	16	16	183	242	298	446	914	1,137	704	426
Full Simulation Period Average^a	485	207	161	435	1,086	923	1,218	1,627	2,263	2,270	1,799	1,032
Wet Years (27.7%)	635	358	157	1,096	2,146	1,659	2,090	2,656	3,449	3,113	2,699	1,540
Above Normal Years (13.9%)	611	197	85	301	1,011	1,107	1,461	1,962	2,749	2,657	2,126	1,217
Below Normal Years (17.8%)	454	144	131	269	759	772	1,103	1,606	2,109	2,223	1,680	967
Dry Years (23.8%)	406	160	327	137	569	520	726	1,005	1,598	1,856	1,342	763
Critical Years (15.8%)	279	95	19	31	438	248	346	486	934	1,128	756	458

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-2 c. Friant-Kern Canal Diversion, Alt2woTUCPwoVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	-1	-2	-1	0	0	0	0	0	0
20% Exceedance	0	0	0	0	0	0	0	1	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	-1	0	0	0
60% Exceedance	-2	0	0	0	-2	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	-1	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	-1	-1	-1	0
90% Exceedance	0	0	0	0	0	0	0	0	0	-1	0	0
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	-1	-1	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	-1	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-3 a. Friant-Kern Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	583	238	122	1,934	2,778	2,180	2,821	3,189	4,378	3,285	2,878	1,613
20% Exceedance	563	213	95	497	2,166	1,374	1,699	2,768	3,927	3,063	2,685	1,507
30% Exceedance	537	166	86	104	1,214	1,089	1,511	2,364	2,655	2,792	2,448	1,378
40% Exceedance	511	150	76	91	898	870	1,257	1,872	2,253	2,366	2,141	1,148
50% Exceedance	474	144	64	74	741	604	965	1,291	1,881	2,220	1,758	967
60% Exceedance	437	138	16	63	515	493	600	830	1,781	2,019	1,355	787
70% Exceedance	373	128	16	16	337	421	526	738	1,606	1,894	1,192	703
80% Exceedance	345	116	16	16	265	321	396	568	1,214	1,514	903	546
90% Exceedance	279	77	16	16	183	242	299	447	914	1,137	704	426
Full Simulation Period Average^a	485	207	161	436	1,086	923	1,218	1,627	2,264	2,270	1,799	1,032
Wet Years (27.7%)	635	358	157	1,096	2,147	1,659	2,090	2,656	3,449	3,113	2,699	1,540
Above Normal Years (13.9%)	611	197	85	301	1,011	1,107	1,461	1,963	2,749	2,657	2,127	1,217
Below Normal Years (17.8%)	455	144	131	270	760	772	1,104	1,607	2,110	2,224	1,681	967
Dry Years (23.8%)	407	160	327	137	569	520	726	1,006	1,599	1,857	1,342	763
Critical Years (15.8%)	279	95	19	31	438	248	346	486	934	1,128	756	458

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-3 b. Friant-Kern Canal Diversion, Alt2wTUCPwoVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	583	238	122	1,933	2,776	2,179	2,821	3,189	4,378	3,285	2,878	1,613
20% Exceedance	563	213	95	497	2,166	1,374	1,699	2,767	3,926	3,063	2,685	1,507
30% Exceedance	537	166	86	104	1,214	1,089	1,511	2,364	2,655	2,792	2,448	1,378
40% Exceedance	511	150	76	91	898	870	1,257	1,872	2,253	2,366	2,141	1,148
50% Exceedance	474	144	64	74	741	604	965	1,291	1,880	2,219	1,757	967
60% Exceedance	435	138	16	63	514	493	600	829	1,781	2,019	1,354	786
70% Exceedance	373	128	16	16	337	421	525	737	1,605	1,894	1,192	703
80% Exceedance	345	116	16	16	265	321	396	568	1,213	1,513	902	546
90% Exceedance	279	77	16	16	183	242	298	446	914	1,137	704	426
Full Simulation Period Average^a	485	207	161	435	1,086	923	1,218	1,627	2,263	2,270	1,799	1,032
Wet Years (27.7%)	635	358	157	1,096	2,146	1,659	2,090	2,656	3,449	3,113	2,699	1,540
Above Normal Years (13.9%)	611	197	85	301	1,011	1,107	1,461	1,962	2,749	2,657	2,126	1,217
Below Normal Years (17.8%)	454	144	131	269	759	772	1,103	1,606	2,109	2,223	1,680	967
Dry Years (23.8%)	406	160	327	137	569	520	726	1,005	1,598	1,856	1,342	763
Critical Years (15.8%)	278	95	19	31	438	248	345	486	934	1,128	756	458

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-3 c. Friant-Kern Canal Diversion, Alt2wTUCPwoVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	-2	-1	0	0	0	0	0	0
20% Exceedance	0	0	0	0	0	0	0	-1	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	-1	0	0	0
60% Exceedance	-2	0	0	0	-1	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	-1	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	-1	-1	-1	0
90% Exceedance	0	0	0	0	0	0	0	0	0	-1	0	0
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	-1	-1	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	-1	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-4 a. Friant-Kern Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	583	238	122	1,934	2,778	2,180	2,821	3,189	4,378	3,285	2,878	1,613
20% Exceedance	563	213	95	497	2,166	1,374	1,699	2,768	3,927	3,063	2,685	1,507
30% Exceedance	537	166	86	104	1,214	1,089	1,511	2,364	2,655	2,792	2,448	1,378
40% Exceedance	511	150	76	91	898	870	1,257	1,872	2,253	2,366	2,141	1,148
50% Exceedance	474	144	64	74	741	604	965	1,291	1,881	2,220	1,758	967
60% Exceedance	437	138	16	63	515	493	600	830	1,781	2,019	1,355	787
70% Exceedance	373	128	16	16	337	421	526	738	1,606	1,894	1,192	703
80% Exceedance	345	116	16	16	265	321	396	568	1,214	1,514	903	546
90% Exceedance	279	77	16	16	183	242	299	447	914	1,137	704	426
Full Simulation Period Average^a	485	207	161	436	1,086	923	1,218	1,627	2,264	2,270	1,799	1,032
Wet Years (27.7%)	635	358	157	1,096	2,147	1,659	2,090	2,656	3,449	3,113	2,699	1,540
Above Normal Years (13.9%)	611	197	85	301	1,011	1,107	1,461	1,963	2,749	2,657	2,127	1,217
Below Normal Years (17.8%)	455	144	131	270	760	772	1,104	1,607	2,110	2,224	1,681	967
Dry Years (23.8%)	407	160	327	137	569	520	726	1,006	1,599	1,857	1,342	763
Critical Years (15.8%)	279	95	19	31	438	248	346	486	934	1,128	756	458

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-4 b. Friant-Kern Canal Diversion, Alt2woTUCPDeltaVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	583	238	122	1,932	2,776	2,180	2,821	3,189	4,378	3,285	2,878	1,613
20% Exceedance	563	213	95	497	2,166	1,374	1,699	2,772	3,926	3,063	2,685	1,507
30% Exceedance	544	166	86	104	1,214	1,089	1,511	2,363	2,655	2,792	2,448	1,378
40% Exceedance	511	150	75	91	897	870	1,257	1,872	2,232	2,351	2,121	1,138
50% Exceedance	474	144	64	74	741	604	965	1,291	1,880	2,222	1,757	966
60% Exceedance	433	138	16	63	513	492	594	829	1,781	2,023	1,353	787
70% Exceedance	373	127	16	16	339	427	509	737	1,605	1,894	1,206	703
80% Exceedance	345	116	16	16	265	321	393	568	1,213	1,513	921	546
90% Exceedance	279	77	16	16	183	242	299	446	914	1,137	704	426
Full Simulation Period Average^a	486	207	161	436	1,086	923	1,211	1,627	2,264	2,269	1,801	1,031
Wet Years (27.7%)	634	358	157	1,097	2,149	1,658	2,089	2,650	3,446	3,109	2,696	1,538
Above Normal Years (13.9%)	611	197	85	301	1,011	1,108	1,461	1,967	2,753	2,657	2,126	1,217
Below Normal Years (17.8%)	457	145	131	269	759	774	1,079	1,612	2,115	2,226	1,700	967
Dry Years (23.8%)	406	160	327	137	569	520	722	1,006	1,599	1,857	1,343	764
Critical Years (15.8%)	279	95	19	31	438	248	338	487	931	1,127	753	456

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-4 c. Friant-Kern Canal Diversion, Alt2woTUCPDeltaVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	-2	-3	-1	0	0	0	0	0	0
20% Exceedance	0	0	0	0	0	0	0	5	-1	0	0	0
30% Exceedance	7	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	-2	0	-1	0	0	0	-21	-15	-20	-10
50% Exceedance	0	0	0	-1	0	0	0	0	-1	2	-1	0
60% Exceedance	-4	0	0	0	-2	0	-7	-1	0	4	-2	0
70% Exceedance	0	-1	0	0	1	7	-16	0	-1	0	13	0
80% Exceedance	0	0	0	0	0	0	-3	0	0	-1	18	0
90% Exceedance	0	0	0	0	0	1	0	0	0	0	0	0
Full Simulation Period Average^a	0	0	0	0	0	0	-7	0	0	-1	2	-1
Wet Years (27.7%)	-1	0	0	0	2	0	-1	-6	-4	-4	-4	-2
Above Normal Years (13.9%)	0	0	0	0	-1	0	0	4	4	0	0	0
Below Normal Years (17.8%)	3	1	0	0	-1	1	-25	5	6	3	20	0
Dry Years (23.8%)	0	0	0	0	0	0	-4	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	-8	1	-3	-1	-3	-2

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-5 a. Friant-Kern Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	583	238	122	1,934	2,778	2,180	2,821	3,189	4,378	3,285	2,878	1,613
20% Exceedance	563	213	95	497	2,166	1,374	1,699	2,768	3,927	3,063	2,685	1,507
30% Exceedance	537	166	86	104	1,214	1,089	1,511	2,364	2,655	2,792	2,448	1,378
40% Exceedance	511	150	76	91	898	870	1,257	1,872	2,253	2,366	2,141	1,148
50% Exceedance	474	144	64	74	741	604	965	1,291	1,881	2,220	1,758	967
60% Exceedance	437	138	16	63	515	493	600	830	1,781	2,019	1,355	787
70% Exceedance	373	128	16	16	337	421	526	738	1,606	1,894	1,192	703
80% Exceedance	345	116	16	16	265	321	396	568	1,214	1,514	903	546
90% Exceedance	279	77	16	16	183	242	299	447	914	1,137	704	426
Full Simulation Period Average^a	485	207	161	436	1,086	923	1,218	1,627	2,264	2,270	1,799	1,032
Wet Years (27.7%)	635	358	157	1,096	2,147	1,659	2,090	2,656	3,449	3,113	2,699	1,540
Above Normal Years (13.9%)	611	197	85	301	1,011	1,107	1,461	1,963	2,749	2,657	2,127	1,217
Below Normal Years (17.8%)	455	144	131	270	760	772	1,104	1,607	2,110	2,224	1,681	967
Dry Years (23.8%)	407	160	327	137	569	520	726	1,006	1,599	1,857	1,342	763
Critical Years (15.8%)	279	95	19	31	438	248	346	486	934	1,128	756	458

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-5 b. Friant-Kern Canal Diversion, Alt2woTUCPAIIVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	583	238	122	1,933	2,778	2,180	2,821	3,189	4,391	3,285	2,878	1,613
20% Exceedance	563	213	95	512	2,166	1,374	1,699	2,729	3,927	3,063	2,685	1,507
30% Exceedance	541	166	86	104	1,214	1,089	1,511	2,364	2,655	2,792	2,448	1,378
40% Exceedance	511	150	76	91	897	870	1,257	1,872	2,232	2,351	2,121	1,138
50% Exceedance	474	144	63	74	741	604	965	1,291	1,881	2,220	1,757	967
60% Exceedance	443	138	16	63	513	493	594	829	1,781	2,015	1,353	787
70% Exceedance	371	128	16	16	339	427	534	738	1,606	1,894	1,206	703
80% Exceedance	345	116	16	16	265	321	393	568	1,213	1,514	921	546
90% Exceedance	279	77	16	16	183	242	291	446	914	1,137	704	426
Full Simulation Period Average^a	486	207	161	442	1,086	923	1,212	1,621	2,264	2,269	1,800	1,031
Wet Years (27.7%)	634	358	157	1,120	2,148	1,659	2,089	2,630	3,452	3,109	2,696	1,538
Above Normal Years (13.9%)	610	197	85	301	1,011	1,108	1,461	1,967	2,744	2,647	2,117	1,212
Below Normal Years (17.8%)	458	145	131	269	759	774	1,083	1,610	2,117	2,233	1,703	970
Dry Years (23.8%)	407	160	327	137	569	520	726	1,006	1,599	1,857	1,342	763
Critical Years (15.8%)	279	95	19	31	438	248	336	487	930	1,128	753	456

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-5 c. Friant-Kern Canal Diversion, Alt2woTUCPAIIVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	-1	-1	0	0	0	13	0	0	0
20% Exceedance	0	0	0	15	0	0	0	-39	0	0	0	0
30% Exceedance	4	0	0	0	-1	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	-1	0	0	0	-21	-15	-20	-10
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	6	0	0	0	-2	0	-7	-1	0	-4	-2	0
70% Exceedance	-2	0	0	0	1	7	9	0	0	0	14	0
80% Exceedance	0	0	0	0	0	0	-3	0	0	0	18	0
90% Exceedance	0	0	0	0	0	0	-7	0	0	0	0	0
Full Simulation Period Average^a	0	0	0	7	0	0	-6	-6	1	-1	1	-1
Wet Years (27.7%)	-1	0	0	24	1	0	-1	-25	3	-4	-4	-2
Above Normal Years (13.9%)	-2	0	0	0	0	0	0	4	-6	-10	-9	-5
Below Normal Years (17.8%)	4	1	0	0	-1	1	-21	3	7	9	22	3
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	-10	1	-3	0	-2	-1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-6 a. Friant-Kern Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	583	238	122	1,934	2,778	2,180	2,821	3,189	4,378	3,285	2,878	1,613
20% Exceedance	563	213	95	497	2,166	1,374	1,699	2,768	3,927	3,063	2,685	1,507
30% Exceedance	537	166	86	104	1,214	1,089	1,511	2,364	2,655	2,792	2,448	1,378
40% Exceedance	511	150	76	91	898	870	1,257	1,872	2,253	2,366	2,141	1,148
50% Exceedance	474	144	64	74	741	604	965	1,291	1,881	2,220	1,758	967
60% Exceedance	437	138	16	63	515	493	600	830	1,781	2,019	1,355	787
70% Exceedance	373	128	16	16	337	421	526	738	1,606	1,894	1,192	703
80% Exceedance	345	116	16	16	265	321	396	568	1,214	1,514	903	546
90% Exceedance	279	77	16	16	183	242	299	447	914	1,137	704	426
Full Simulation Period Average^a	485	207	161	436	1,086	923	1,218	1,627	2,264	2,270	1,799	1,032
Wet Years (27.7%)	635	358	157	1,096	2,147	1,659	2,090	2,656	3,449	3,113	2,699	1,540
Above Normal Years (13.9%)	611	197	85	301	1,011	1,107	1,461	1,963	2,749	2,657	2,127	1,217
Below Normal Years (17.8%)	455	144	131	270	760	772	1,104	1,607	2,110	2,224	1,681	967
Dry Years (23.8%)	407	160	327	137	569	520	726	1,006	1,599	1,857	1,342	763
Critical Years (15.8%)	279	95	19	31	438	248	346	486	934	1,128	756	458

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-6 b. Friant-Kern Canal Diversion, ALT3, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	582	234	122	1,886	2,744	2,292	2,859	3,185	4,391	3,285	2,878	1,613
20% Exceedance	563	212	95	483	2,153	1,374	1,699	2,723	3,912	3,063	2,685	1,507
30% Exceedance	541	166	86	104	1,213	1,089	1,509	2,202	2,651	2,788	2,445	1,376
40% Exceedance	509	151	76	91	888	864	1,254	1,860	2,250	2,362	2,137	1,146
50% Exceedance	480	145	63	74	735	602	953	1,272	1,857	2,205	1,739	953
60% Exceedance	430	138	16	62	493	483	592	819	1,773	2,012	1,331	775
70% Exceedance	372	130	16	16	336	414	517	725	1,567	1,883	1,165	687
80% Exceedance	344	116	16	16	258	313	393	551	1,172	1,462	878	529
90% Exceedance	203	77	16	16	178	240	297	443	908	1,129	656	424
Full Simulation Period Average^a	480	206	161	425	1,072	918	1,211	1,605	2,256	2,258	1,785	1,025
Wet Years (27.7%)	633	357	157	1,057	2,125	1,662	2,089	2,654	3,448	3,110	2,697	1,539
Above Normal Years (13.9%)	604	196	85	301	984	1,104	1,456	1,937	2,761	2,642	2,117	1,212
Below Normal Years (17.8%)	442	143	138	273	752	761	1,097	1,556	2,100	2,200	1,665	959
Dry Years (23.8%)	406	161	322	134	561	514	710	977	1,585	1,855	1,316	752
Critical Years (15.8%)	271	93	19	31	435	234	340	474	913	1,103	736	447

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-6 c. Friant-Kern Canal Diversion, ALT3 Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-1	-4	0	-48	-34	112	38	-4	13	0	0	0
20% Exceedance	1	-1	0	-13	-13	0	0	-44	-15	0	0	0
30% Exceedance	4	0	0	0	-1	0	-1	-161	-4	-4	-4	-2
40% Exceedance	-2	1	0	0	-10	-5	-3	-12	-3	-4	-3	-2
50% Exceedance	7	1	0	0	-6	-2	-12	-20	-24	-15	-19	-14
60% Exceedance	-7	0	0	-1	-22	-10	-8	-11	-8	-8	-24	-12
70% Exceedance	-1	2	0	0	-1	-6	-8	-13	-38	-10	-28	-15
80% Exceedance	-1	0	0	0	-7	-8	-3	-17	-41	-52	-26	-17
90% Exceedance	-76	0	0	0	-5	-1	-1	-4	-6	-8	-49	-2
Full Simulation Period Average^a	-5	-1	0	-11	-14	-5	-7	-22	-7	-12	-14	-7
Wet Years (27.7%)	-2	-1	0	-39	-22	4	0	-2	-1	-3	-2	-1
Above Normal Years (13.9%)	-8	-1	0	0	-27	-4	-5	-25	12	-15	-10	-5
Below Normal Years (17.8%)	-13	-1	7	4	-7	-12	-7	-51	-10	-24	-16	-8
Dry Years (23.8%)	0	1	-5	-3	-8	-6	-17	-29	-14	-2	-27	-12
Critical Years (15.8%)	-8	-1	0	0	-3	-14	-5	-12	-21	-26	-20	-11

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-7 a. Friant-Kern Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	583	238	122	1,934	2,778	2,180	2,821	3,189	4,378	3,285	2,878	1,613
20% Exceedance	563	213	95	497	2,166	1,374	1,699	2,768	3,927	3,063	2,685	1,507
30% Exceedance	537	166	86	104	1,214	1,089	1,511	2,364	2,655	2,792	2,448	1,378
40% Exceedance	511	150	76	91	898	870	1,257	1,872	2,253	2,366	2,141	1,148
50% Exceedance	474	144	64	74	741	604	965	1,291	1,881	2,220	1,758	967
60% Exceedance	437	138	16	63	515	493	600	830	1,781	2,019	1,355	787
70% Exceedance	373	128	16	16	337	421	526	738	1,606	1,894	1,192	703
80% Exceedance	345	116	16	16	265	321	396	568	1,214	1,514	903	546
90% Exceedance	279	77	16	16	183	242	299	447	914	1,137	704	426
Full Simulation Period Average^a	485	207	161	436	1,086	923	1,218	1,627	2,264	2,270	1,799	1,032
Wet Years (27.7%)	635	358	157	1,096	2,147	1,659	2,090	2,656	3,449	3,113	2,699	1,540
Above Normal Years (13.9%)	611	197	85	301	1,011	1,107	1,461	1,963	2,749	2,657	2,127	1,217
Below Normal Years (17.8%)	455	144	131	270	760	772	1,104	1,607	2,110	2,224	1,681	967
Dry Years (23.8%)	407	160	327	137	569	520	726	1,006	1,599	1,857	1,342	763
Critical Years (15.8%)	279	95	19	31	438	248	346	486	934	1,128	756	458

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-7 b. Friant-Kern Canal Diversion, ALT4, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	583	238	122	1,937	2,784	2,182	2,821	3,189	4,378	3,285	2,878	1,613
20% Exceedance	563	213	95	497	2,166	1,374	1,699	2,768	3,928	3,063	2,685	1,507
30% Exceedance	537	166	86	104	1,214	1,089	1,511	2,364	2,655	2,792	2,448	1,378
40% Exceedance	511	150	76	91	898	870	1,258	1,873	2,254	2,366	2,141	1,148
50% Exceedance	474	144	64	74	741	604	966	1,292	1,882	2,220	1,758	967
60% Exceedance	439	138	16	63	515	493	600	830	1,782	2,020	1,355	787
70% Exceedance	373	128	16	16	338	421	526	738	1,608	1,894	1,193	704
80% Exceedance	345	116	16	16	266	321	396	569	1,215	1,516	904	547
90% Exceedance	282	77	16	16	183	242	298	447	914	1,137	704	426
Full Simulation Period Average^a	486	207	161	436	1,087	923	1,218	1,627	2,264	2,271	1,800	1,032
Wet Years (27.7%)	635	358	157	1,098	2,148	1,659	2,090	2,656	3,449	3,113	2,699	1,540
Above Normal Years (13.9%)	612	197	85	301	1,012	1,108	1,461	1,964	2,750	2,657	2,127	1,217
Below Normal Years (17.8%)	455	144	131	270	760	773	1,104	1,607	2,111	2,225	1,681	967
Dry Years (23.8%)	407	160	327	137	570	520	727	1,006	1,599	1,858	1,343	764
Critical Years (15.8%)	279	95	19	31	438	248	346	487	934	1,129	757	458

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-7 c. Friant-Kern Canal Diversion, ALT4 Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1	0	0	3	5	2	0	0	0	0	0	0
20% Exceedance	0	0	0	0	0	0	0	0	1	0	0	0
30% Exceedance	0	0	0	0	0	0	0	1	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	1	1	0	1	1
60% Exceedance	1	0	0	0	0	0	0	0	1	0	0	0
70% Exceedance	0	0	0	0	0	0	1	1	2	0	1	1
80% Exceedance	0	0	0	0	0	0	0	1	2	2	1	1
90% Exceedance	3	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average^a	0	0	0	1	0	0	0	1	1	1	0	0
Wet Years (27.7%)	0	0	0	2	1	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	1	0	0	1	1	1	0	0
Below Normal Years (17.8%)	1	0	0	0	0	0	0	1	1	1	1	0
Dry Years (23.8%)	1	0	0	0	0	0	0	1	1	1	1	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	1	1	1	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-8 a. Friant-Kern Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	583	238	122	1,934	2,778	2,180	2,821	3,189	4,378	3,285	2,878	1,613
20% Exceedance	563	213	95	497	2,166	1,374	1,699	2,768	3,927	3,063	2,685	1,507
30% Exceedance	537	166	86	104	1,214	1,089	1,511	2,364	2,655	2,792	2,448	1,378
40% Exceedance	511	150	76	91	898	870	1,257	1,872	2,253	2,366	2,141	1,148
50% Exceedance	474	144	64	74	741	604	965	1,291	1,881	2,220	1,758	967
60% Exceedance	437	138	16	63	515	493	600	830	1,781	2,019	1,355	787
70% Exceedance	373	128	16	16	337	421	526	738	1,606	1,894	1,192	703
80% Exceedance	345	116	16	16	265	321	396	568	1,214	1,514	903	546
90% Exceedance	279	77	16	16	183	242	299	447	914	1,137	704	426
Full Simulation Period Average^a	485	207	161	436	1,086	923	1,218	1,627	2,264	2,270	1,799	1,032
Wet Years (27.7%)	635	358	157	1,096	2,147	1,659	2,090	2,656	3,449	3,113	2,699	1,540
Above Normal Years (13.9%)	611	197	85	301	1,011	1,107	1,461	1,963	2,749	2,657	2,127	1,217
Below Normal Years (17.8%)	455	144	131	270	760	772	1,104	1,607	2,110	2,224	1,681	967
Dry Years (23.8%)	407	160	327	137	569	520	726	1,006	1,599	1,857	1,342	763
Critical Years (15.8%)	279	95	19	31	438	248	346	486	934	1,128	756	458

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-8 b. Friant-Kern Canal Diversion, Action 5, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	584	238	122	1,938	2,792	2,184	2,821	3,189	4,398	3,285	2,878	1,613
20% Exceedance	563	213	95	551	2,166	1,374	1,699	2,710	3,928	3,063	2,685	1,507
30% Exceedance	542	166	85	104	1,218	1,089	1,511	2,202	2,654	2,790	2,447	1,377
40% Exceedance	506	150	75	91	929	870	1,258	1,861	2,216	2,333	2,105	1,130
50% Exceedance	485	144	63	72	741	604	966	1,293	1,884	2,221	1,759	968
60% Exceedance	440	138	16	63	516	494	594	830	1,783	2,019	1,354	788
70% Exceedance	371	126	16	16	339	428	535	740	1,612	1,909	1,210	705
80% Exceedance	345	116	16	16	266	322	394	571	1,219	1,520	925	548
90% Exceedance	288	77	16	16	184	242	299	447	915	1,138	705	426
Full Simulation Period Average^a	487	207	161	446	1,094	924	1,214	1,613	2,269	2,270	1,801	1,031
Wet Years (27.7%)	633	358	157	1,125	2,150	1,659	2,088	2,626	3,444	3,101	2,688	1,534
Above Normal Years (13.9%)	611	197	85	301	1,064	1,108	1,462	1,910	2,774	2,650	2,120	1,214
Below Normal Years (17.8%)	460	145	132	284	760	775	1,083	1,612	2,120	2,235	1,705	971
Dry Years (23.8%)	410	161	327	138	569	522	728	1,009	1,606	1,865	1,347	766
Critical Years (15.8%)	280	95	19	31	438	249	343	488	932	1,130	755	457

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-7-8 c. Friant-Kern Canal Diversion, Action 5 Minus NAA, Monthly Diversion (cfs)

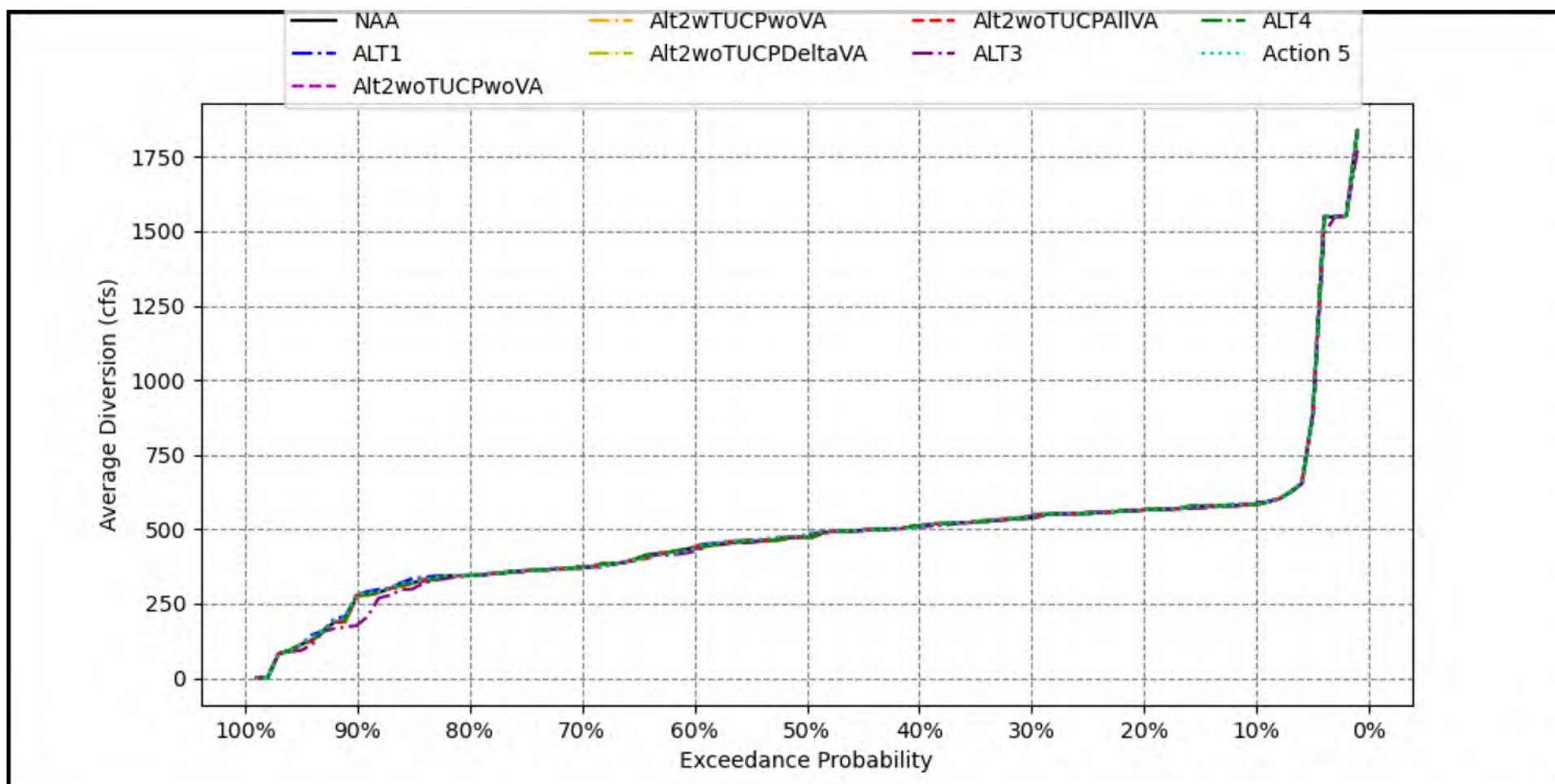
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1	0	0	4	13	4	0	1	20	0	0	0
20% Exceedance	0	0	0	54	0	0	0	-58	2	0	0	0
30% Exceedance	5	0	-1	0	4	0	0	-162	-1	-1	-1	-1
40% Exceedance	-5	0	-1	0	31	0	0	-11	-38	-32	-35	-18
50% Exceedance	11	0	0	-2	0	0	1	2	3	1	1	1
60% Exceedance	3	0	0	0	1	1	-6	0	2	0	-1	1
70% Exceedance	-2	-2	0	0	1	8	10	3	6	15	18	2
80% Exceedance	0	0	0	0	1	1	-2	2	5	6	22	2
90% Exceedance	10	0	0	0	1	0	0	0	1	1	1	0
Full Simulation Period Average^a	1	0	0	11	8	1	-4	-13	5	0	1	-1
Wet Years (27.7%)	-2	0	0	29	3	0	-2	-29	-5	-12	-11	-6
Above Normal Years (13.9%)	-1	0	0	0	52	1	1	-52	25	-7	-7	-3
Below Normal Years (17.8%)	6	1	1	15	0	3	-20	5	10	12	24	4
Dry Years (23.8%)	3	1	0	0	0	2	2	4	7	9	5	3
Critical Years (15.8%)	1	0	0	0	0	0	-3	2	-2	2	-1	-1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

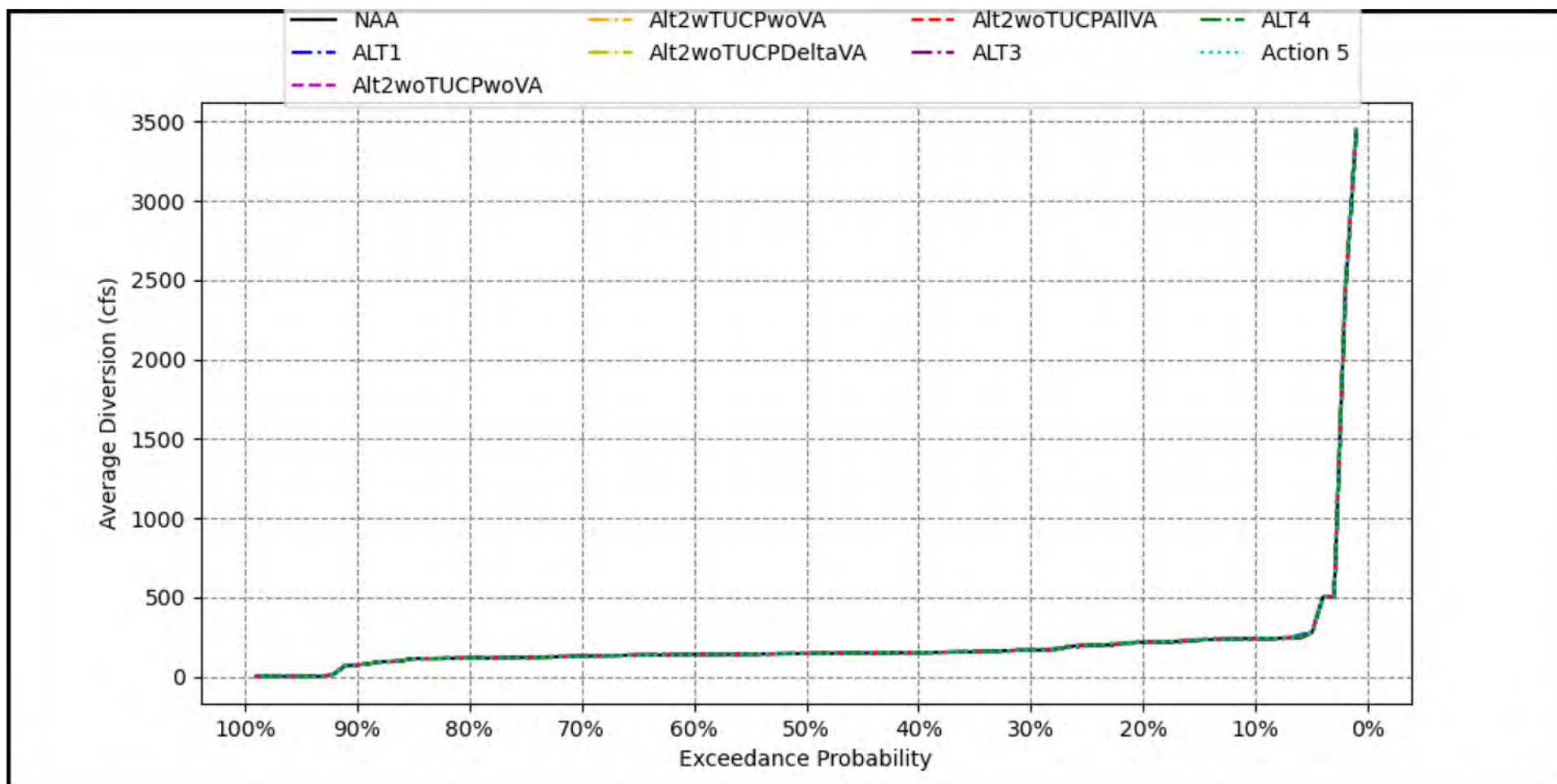
* Water Year Types defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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



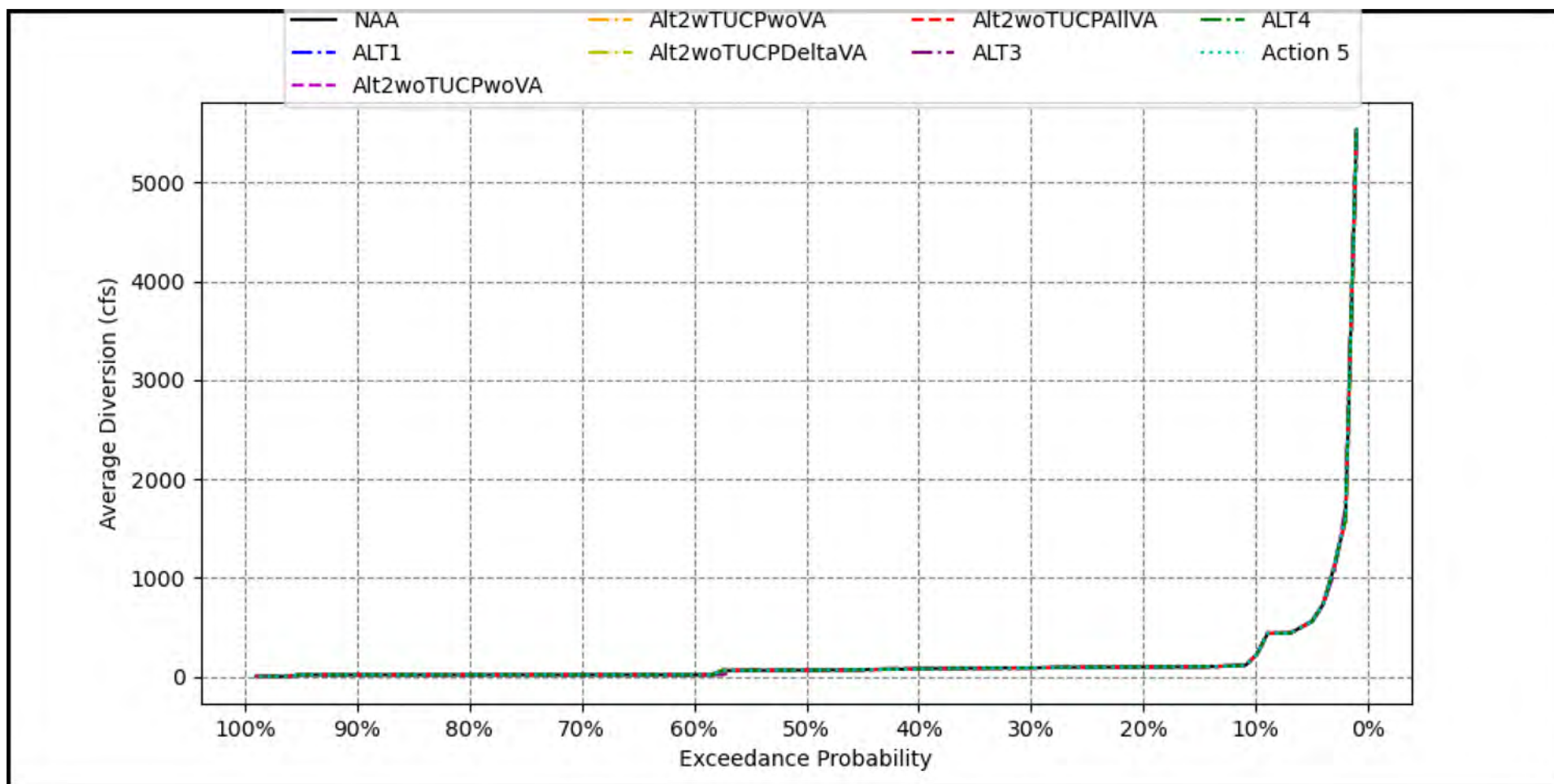
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-7-1 Friant-Kern Canal Diversion, October Diversion



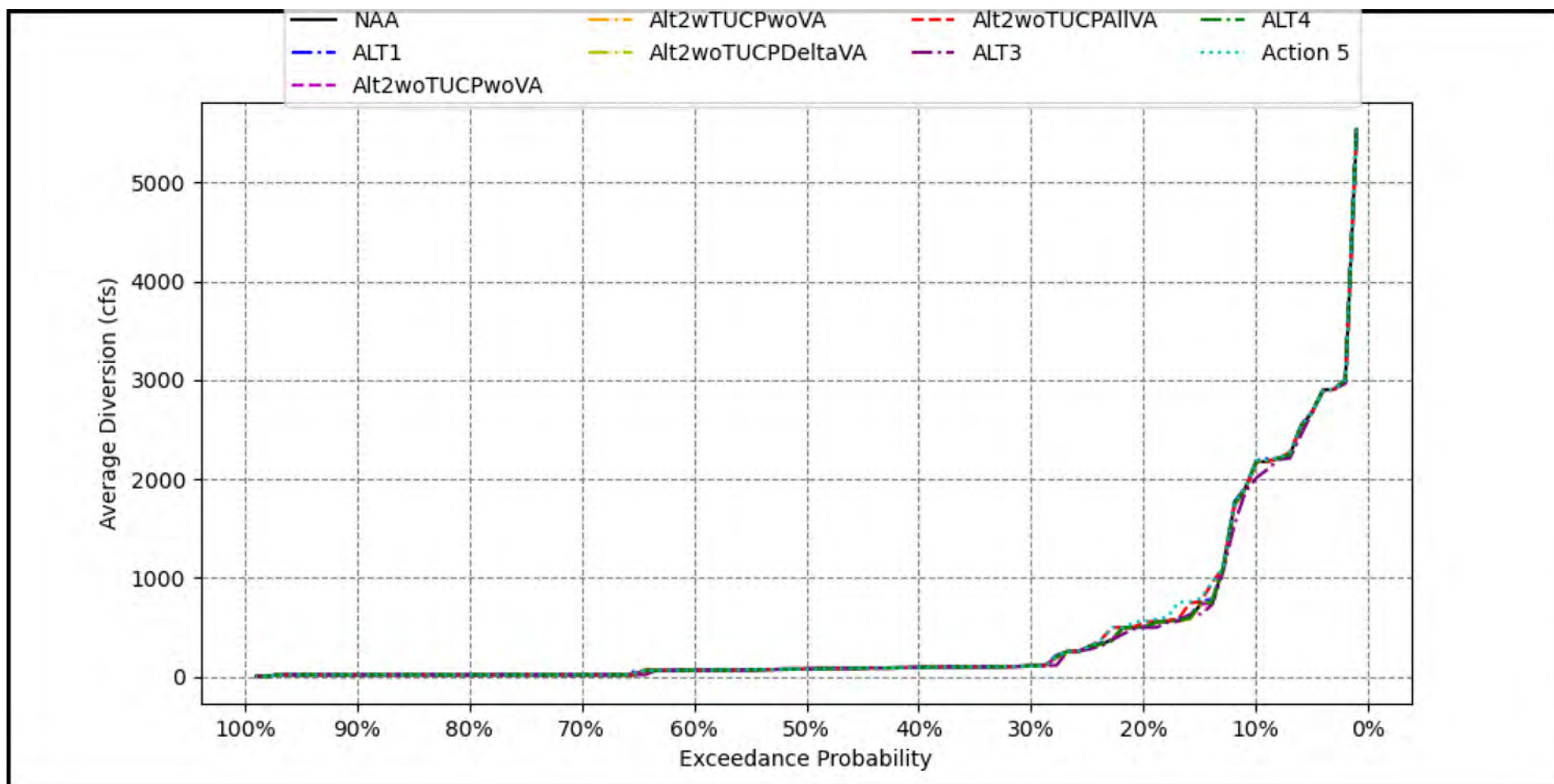
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-7-2 Friant-Kern Canal Diversion, November Diversion



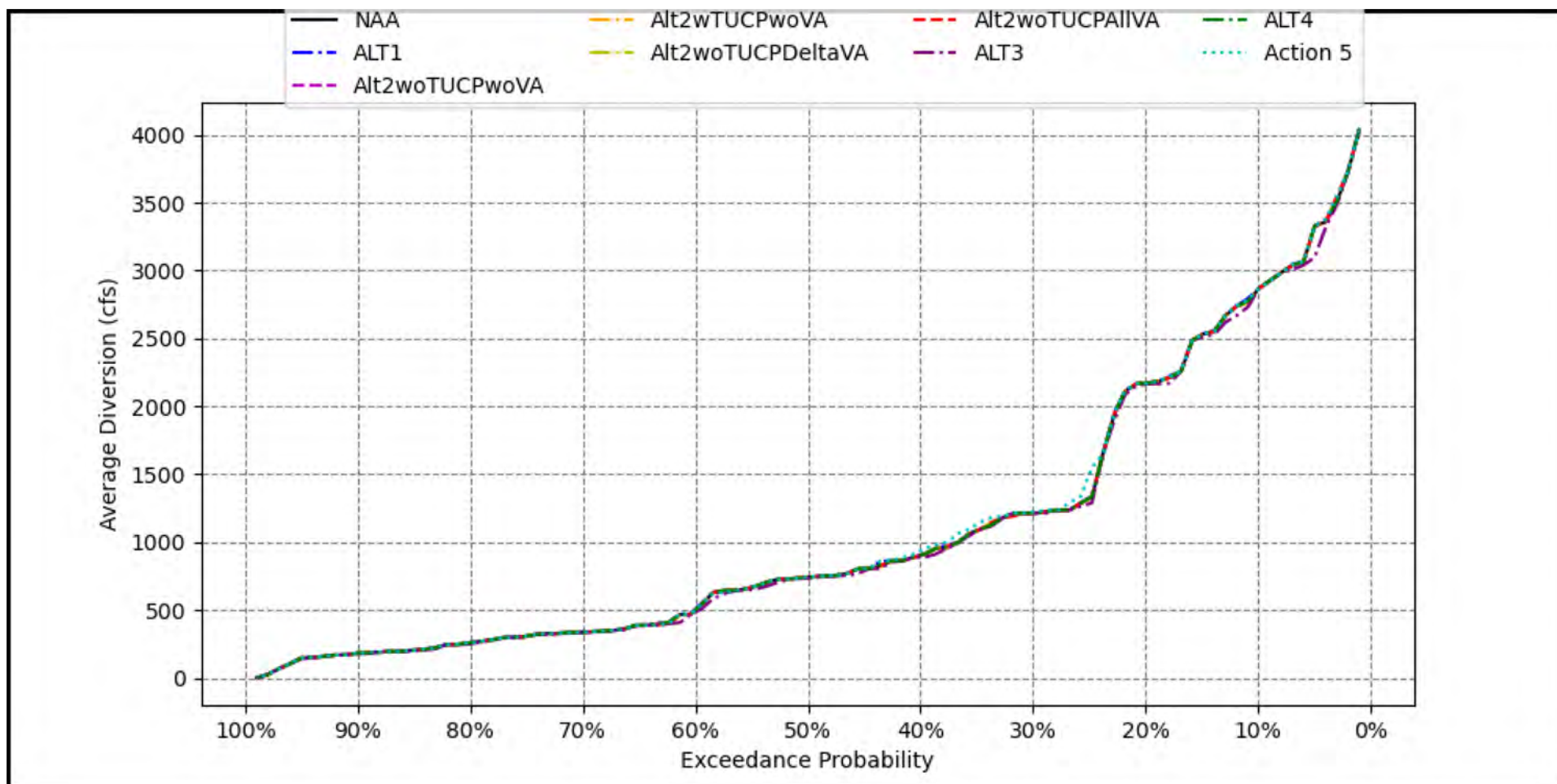
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-7-3 Friant-Kern Canal Diversion, December Diversion



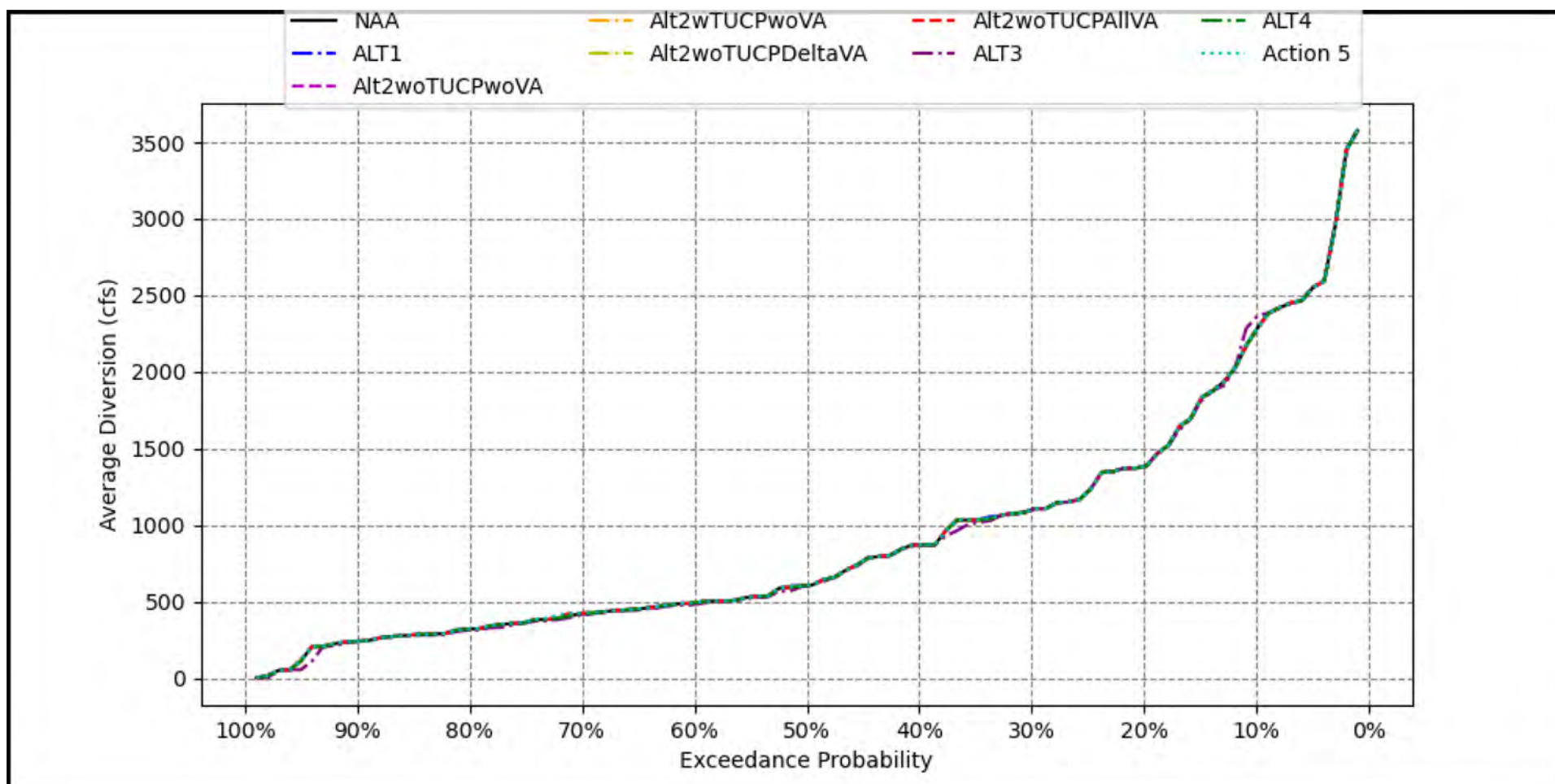
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-7-4 Friant-Kern Canal Diversion, January Diversion



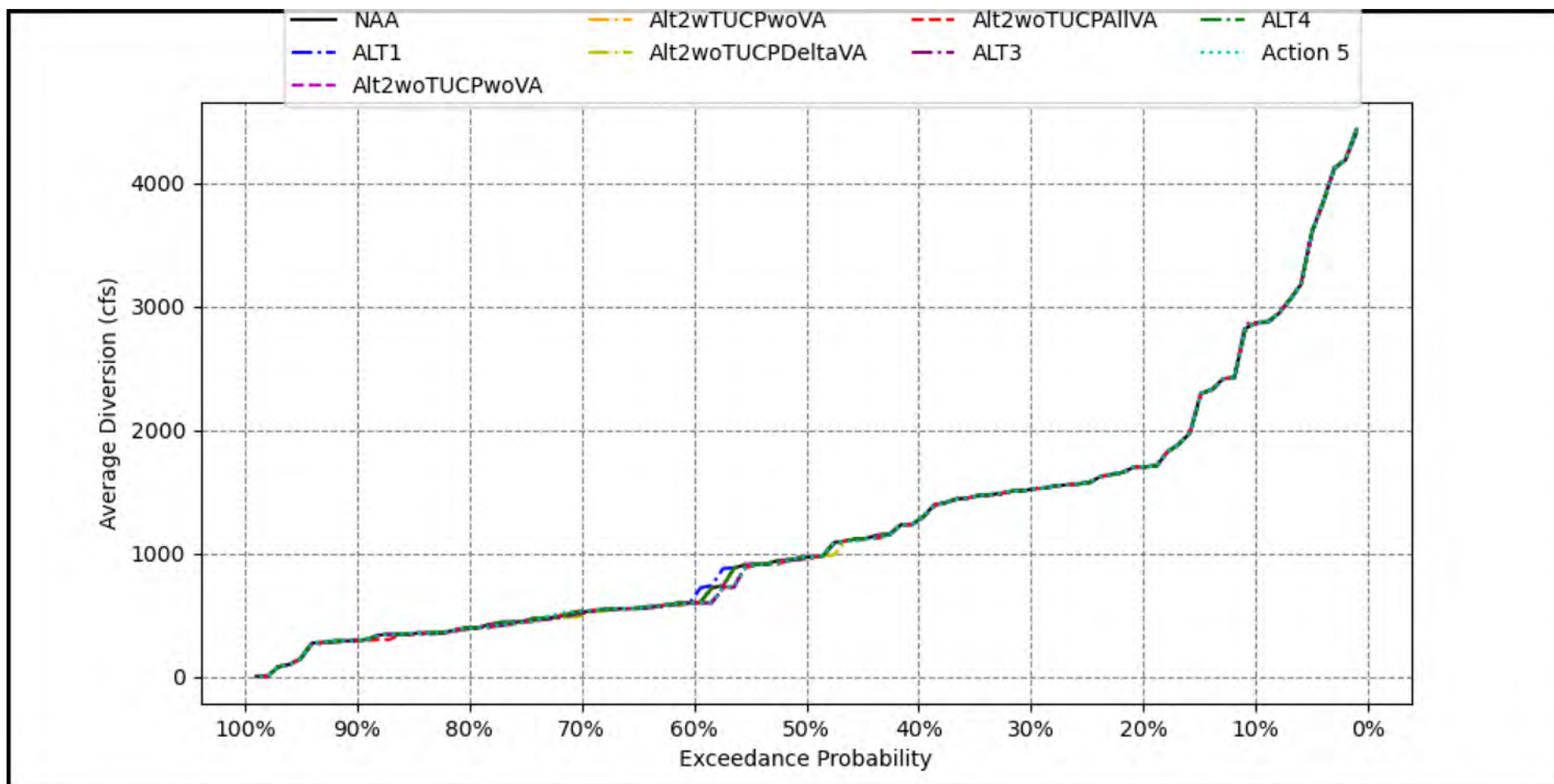
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-7-5 Friant-Kern Canal Diversion, February Diversion



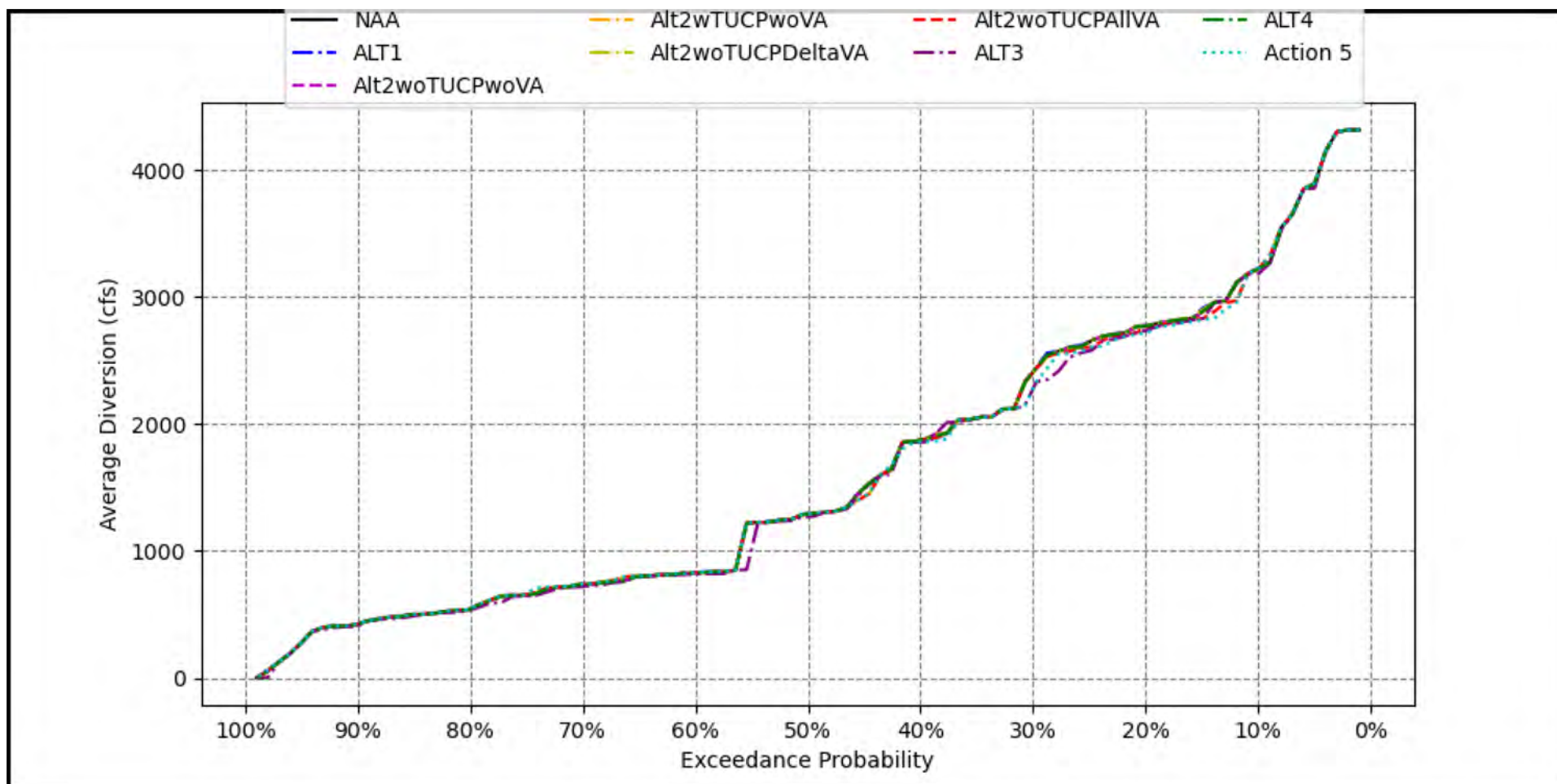
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-7-6 Friant-Kern Canal Diversion, March Diversion



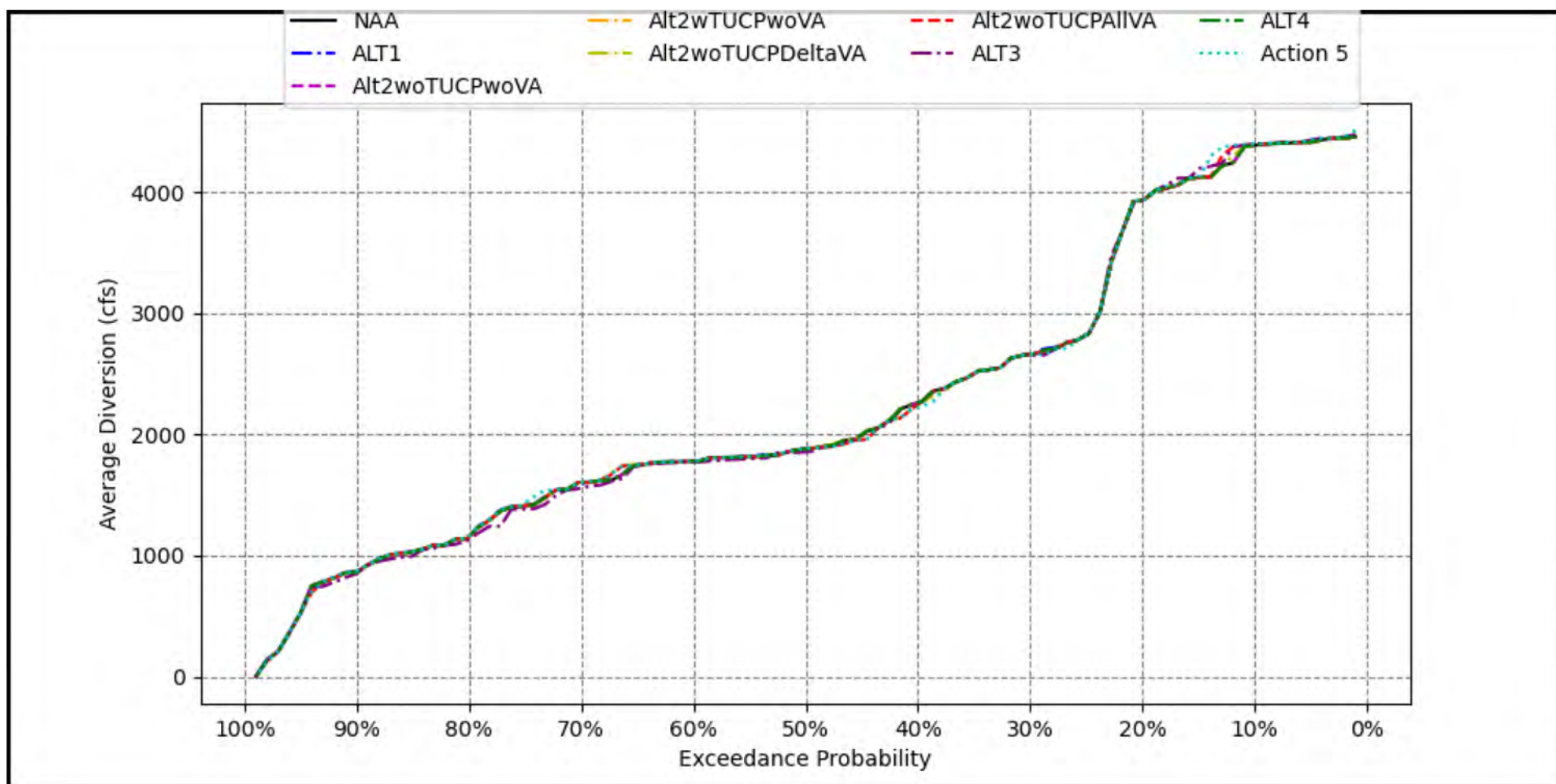
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-7-7 Friant-Kern Canal Diversion, April Diversion



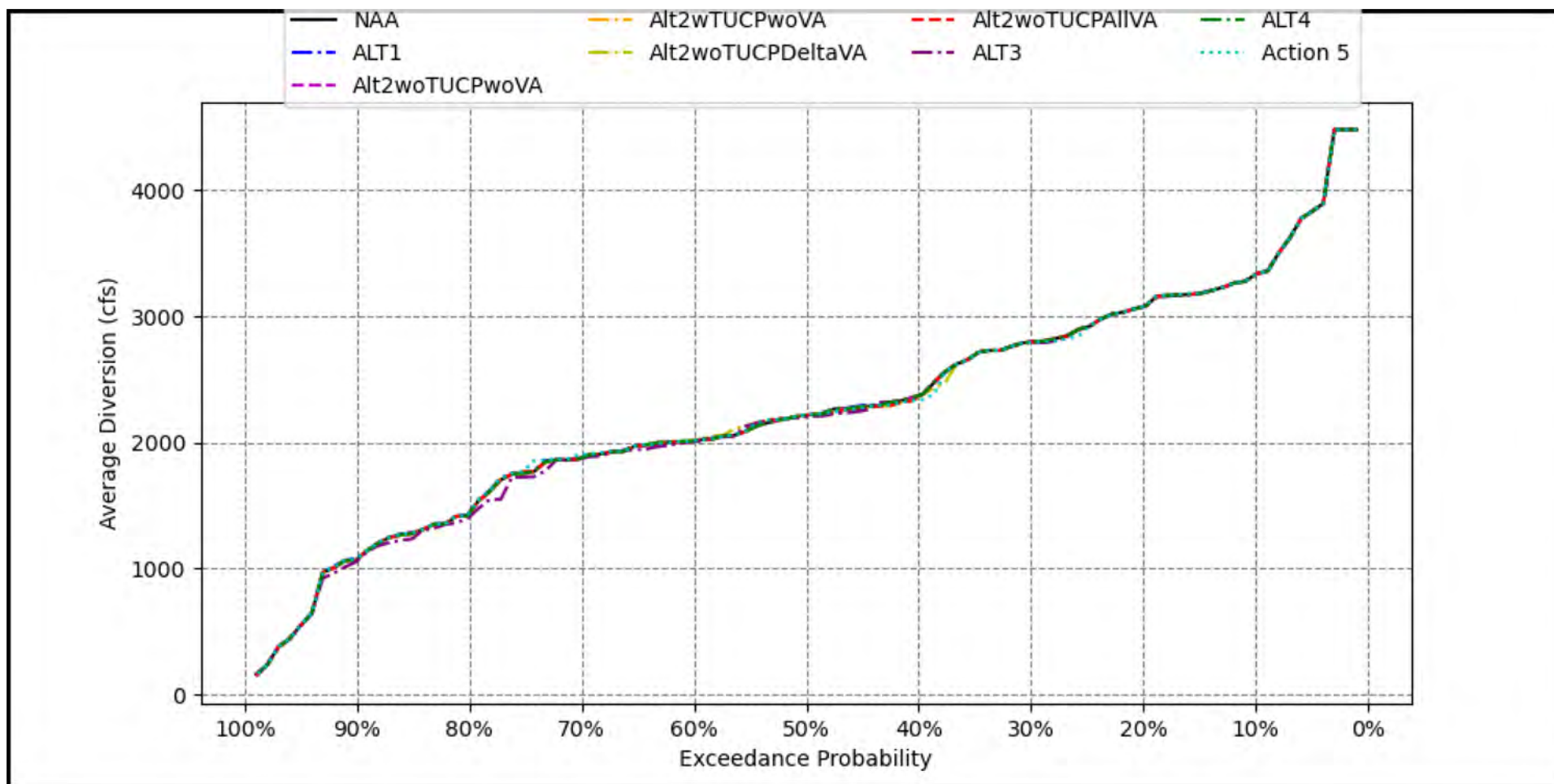
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-7-8 Friant-Kern Canal Diversion, May Diversion



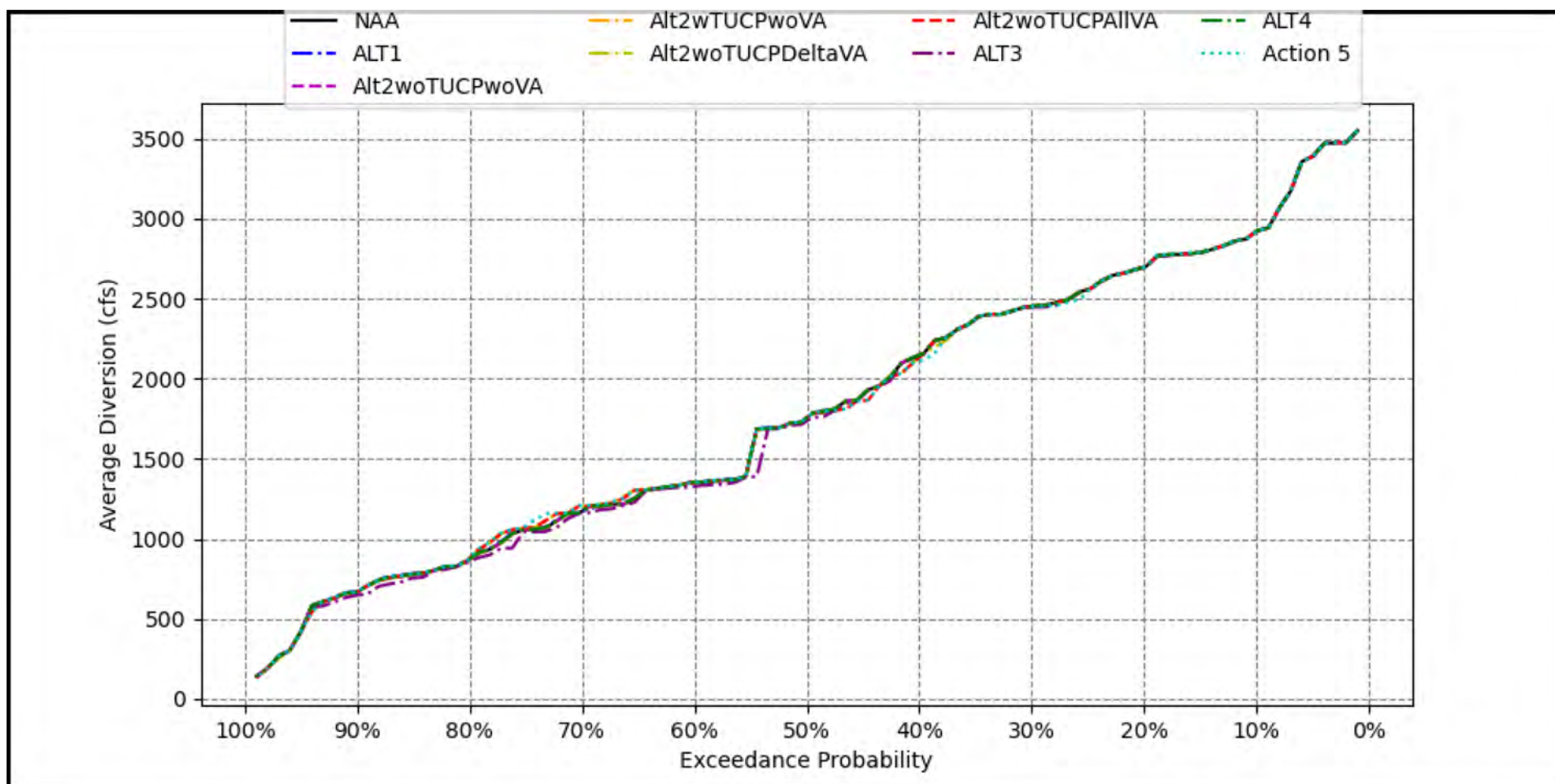
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-7-9 Friant-Kern Canal Diversion, June Diversion



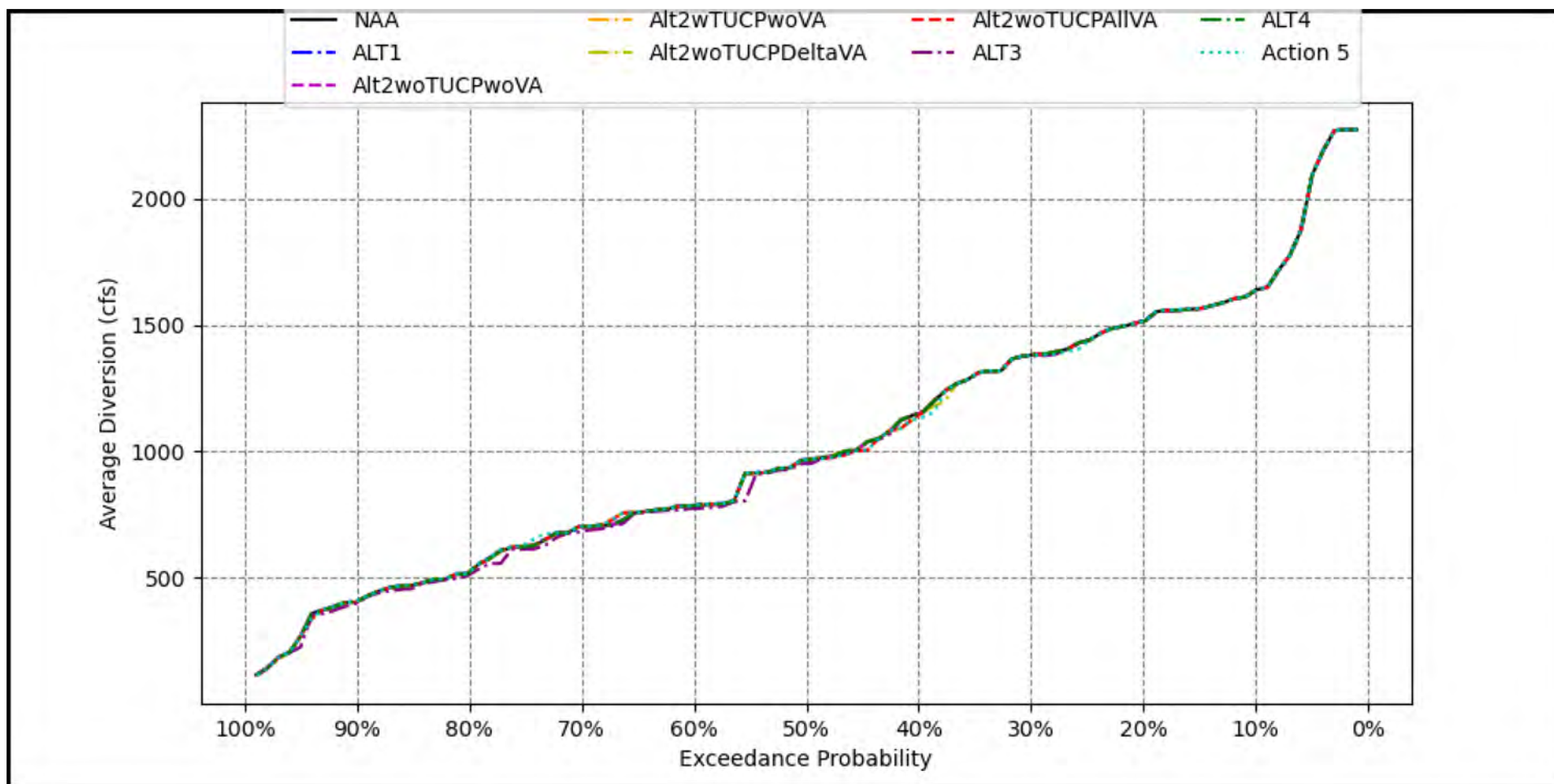
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-7-10 Friant-Kern Canal Diversion, July Diversion



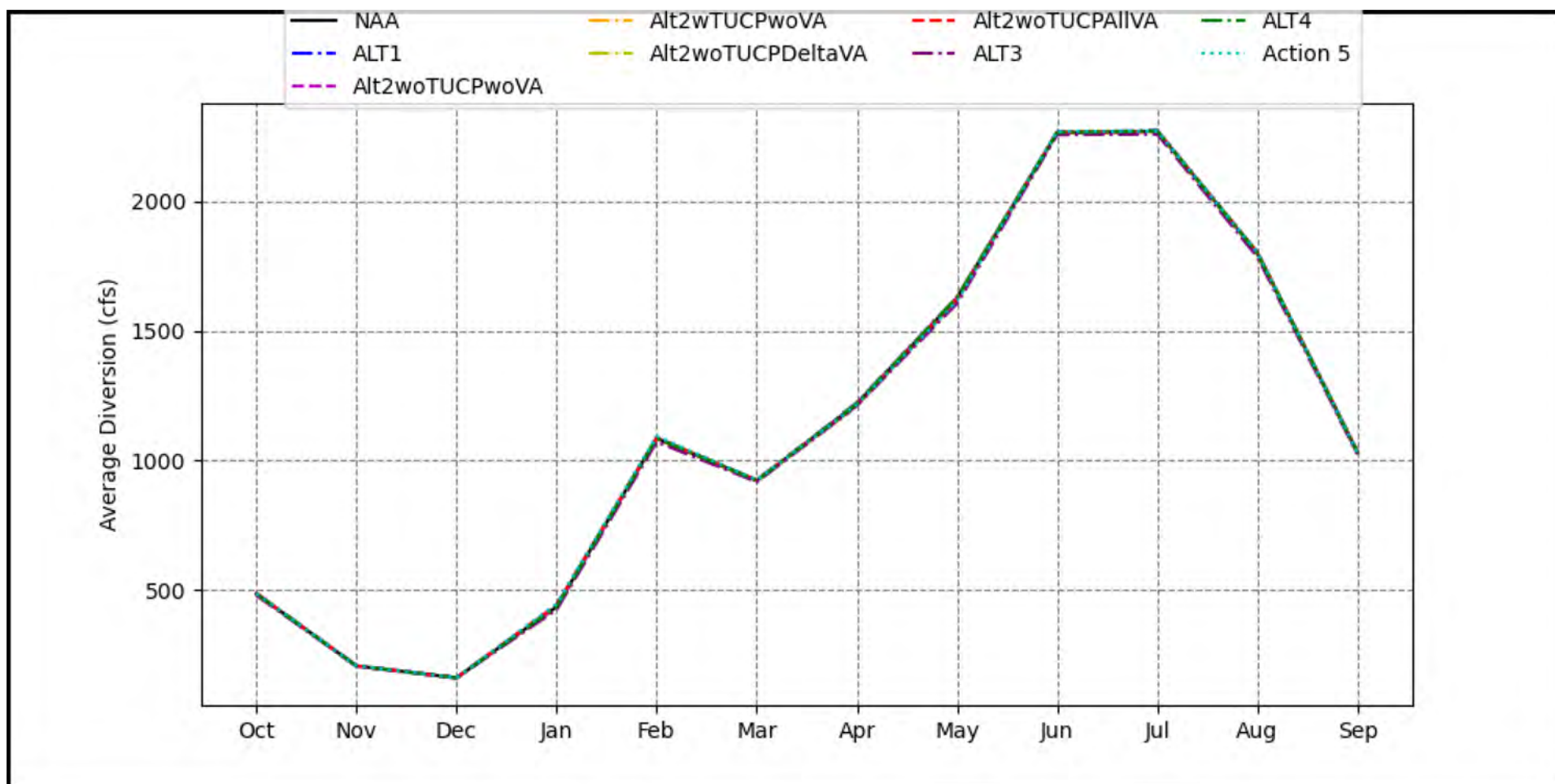
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-7-11 Friant-Kern Canal Diversion, August Diversion



*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-7-12 Friant-Kern Canal Diversion, September Diversion

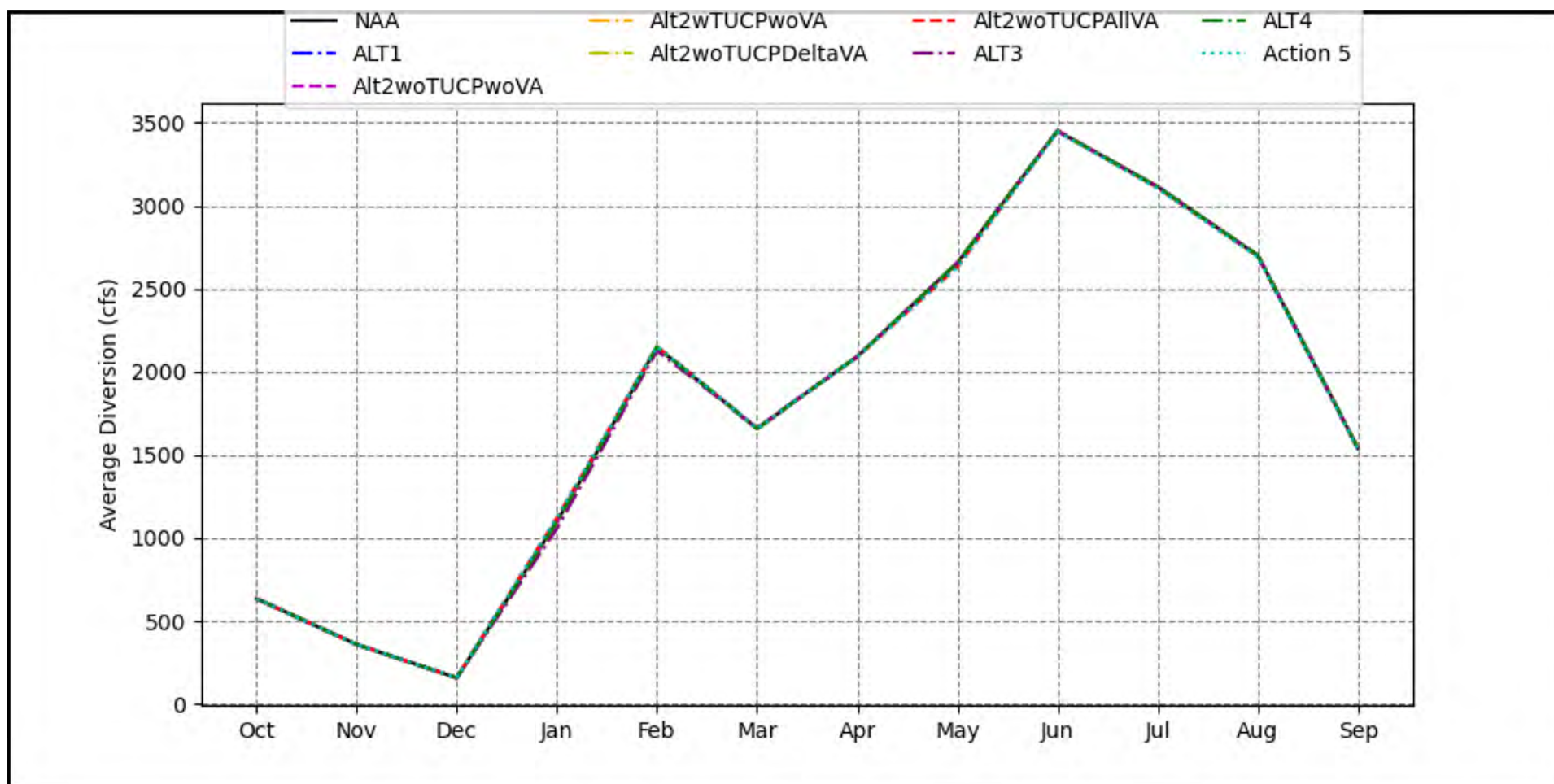


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-7-13 Friant-Kern Canal Diversion, Long Term Average Diversion (cfs)

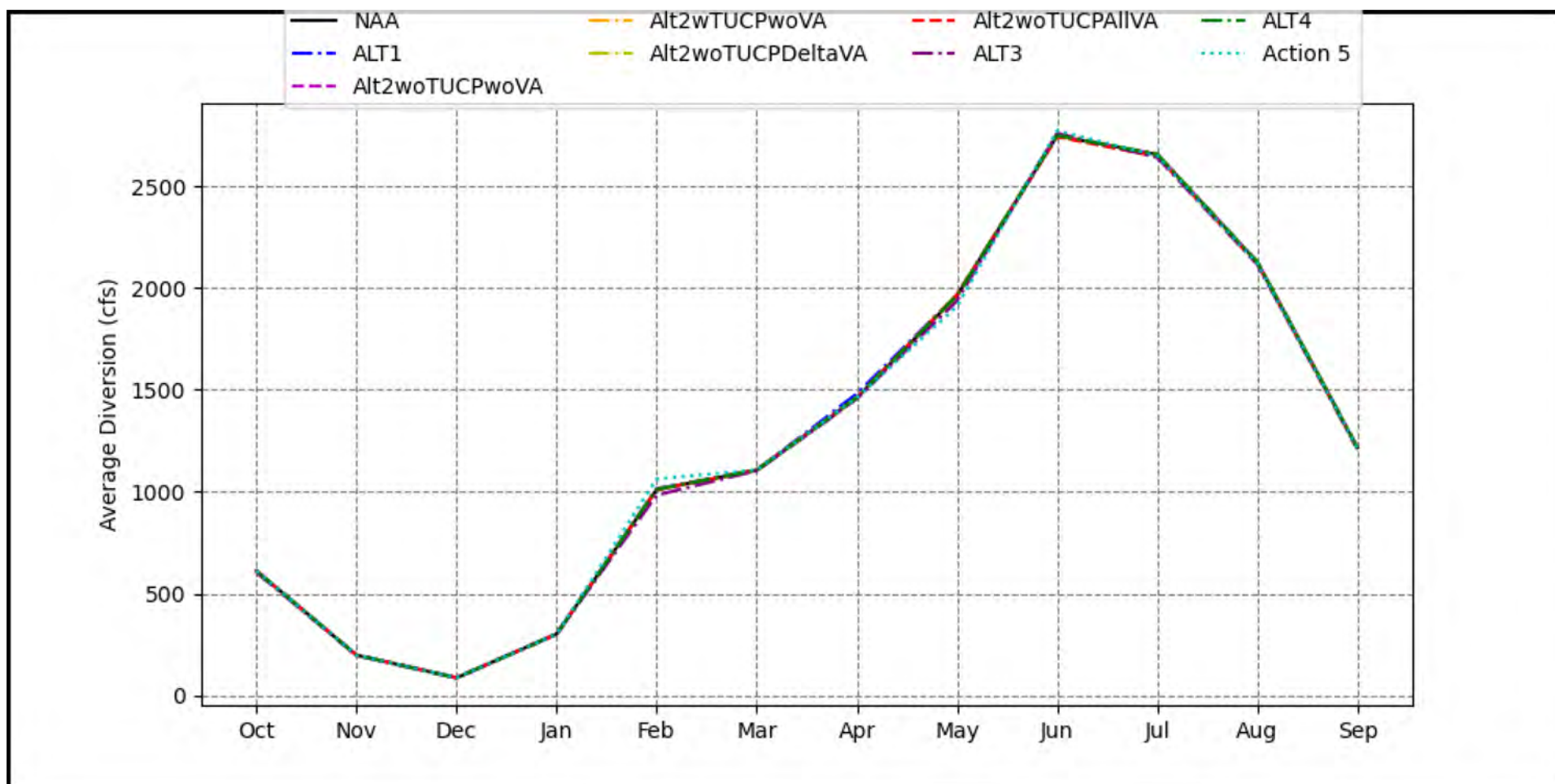


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-7-14 Friant-Kern Canal Diversion, Wet Year Average Diversion (cfs)

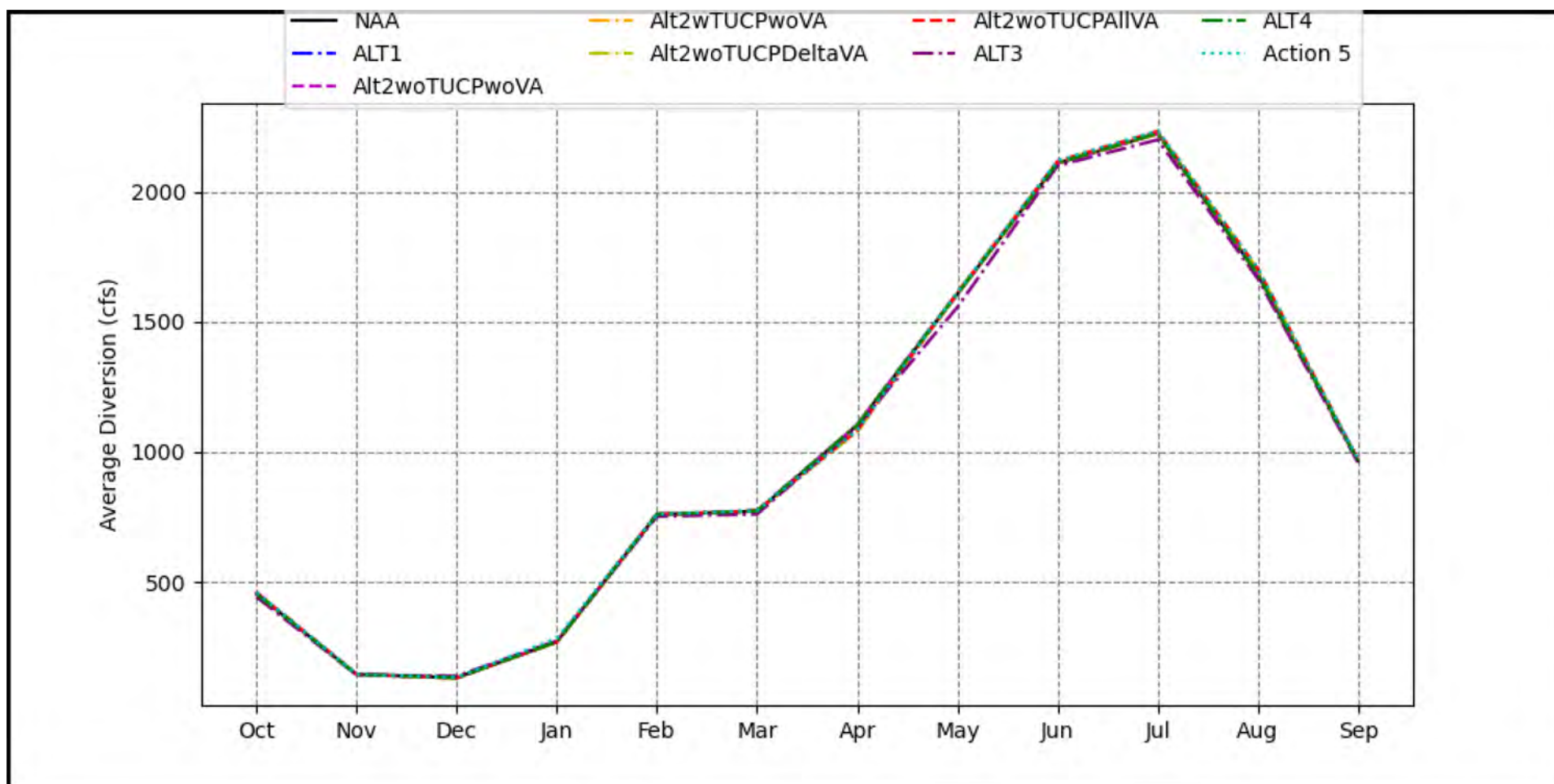


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-7-15 Friant-Kern Canal Diversion, Above Normal Year Average Diversion (cfs)

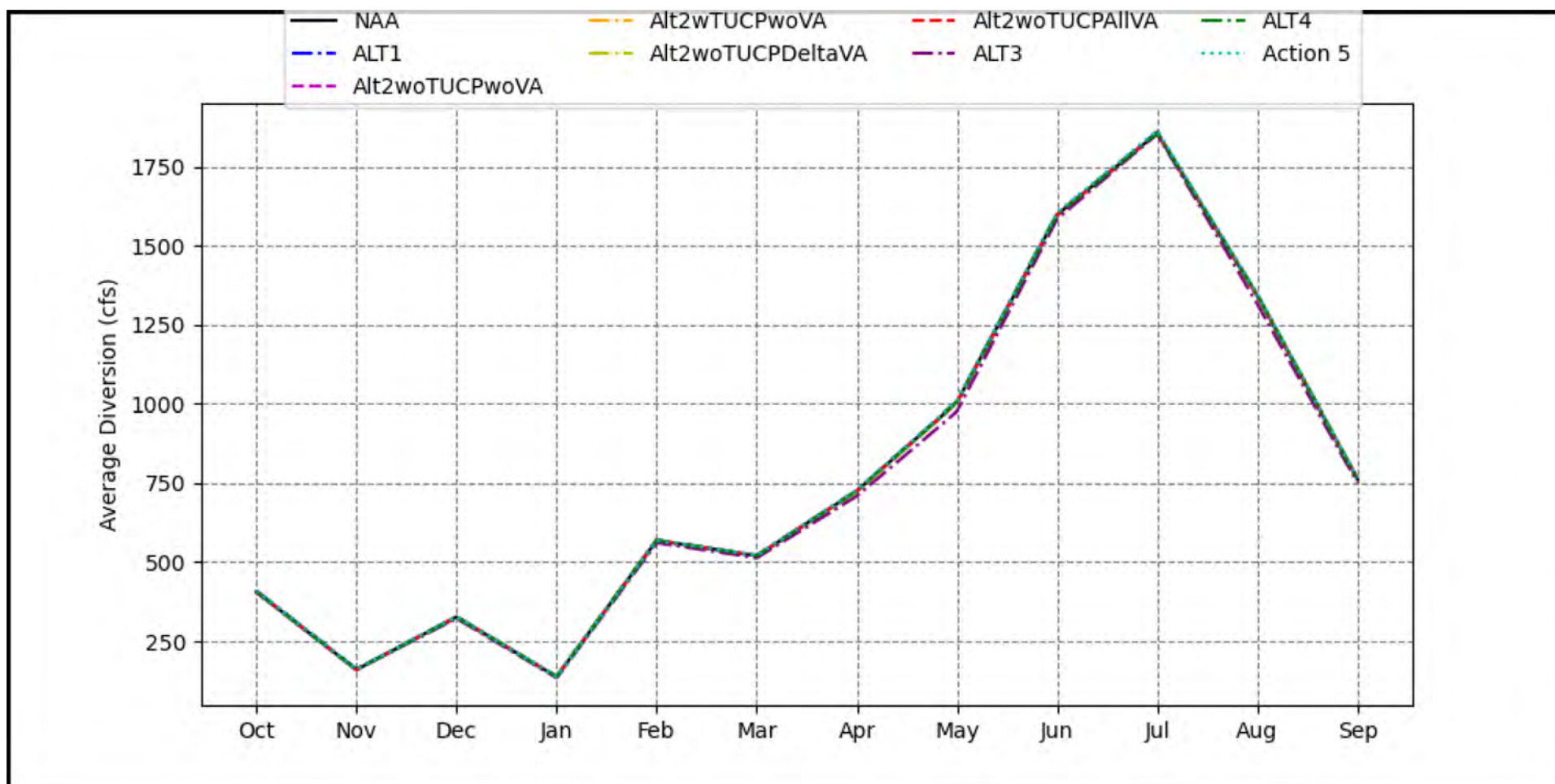


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-7-16 Friant-Kern Canal Diversion, Below Normal Year Average Diversion (cfs)

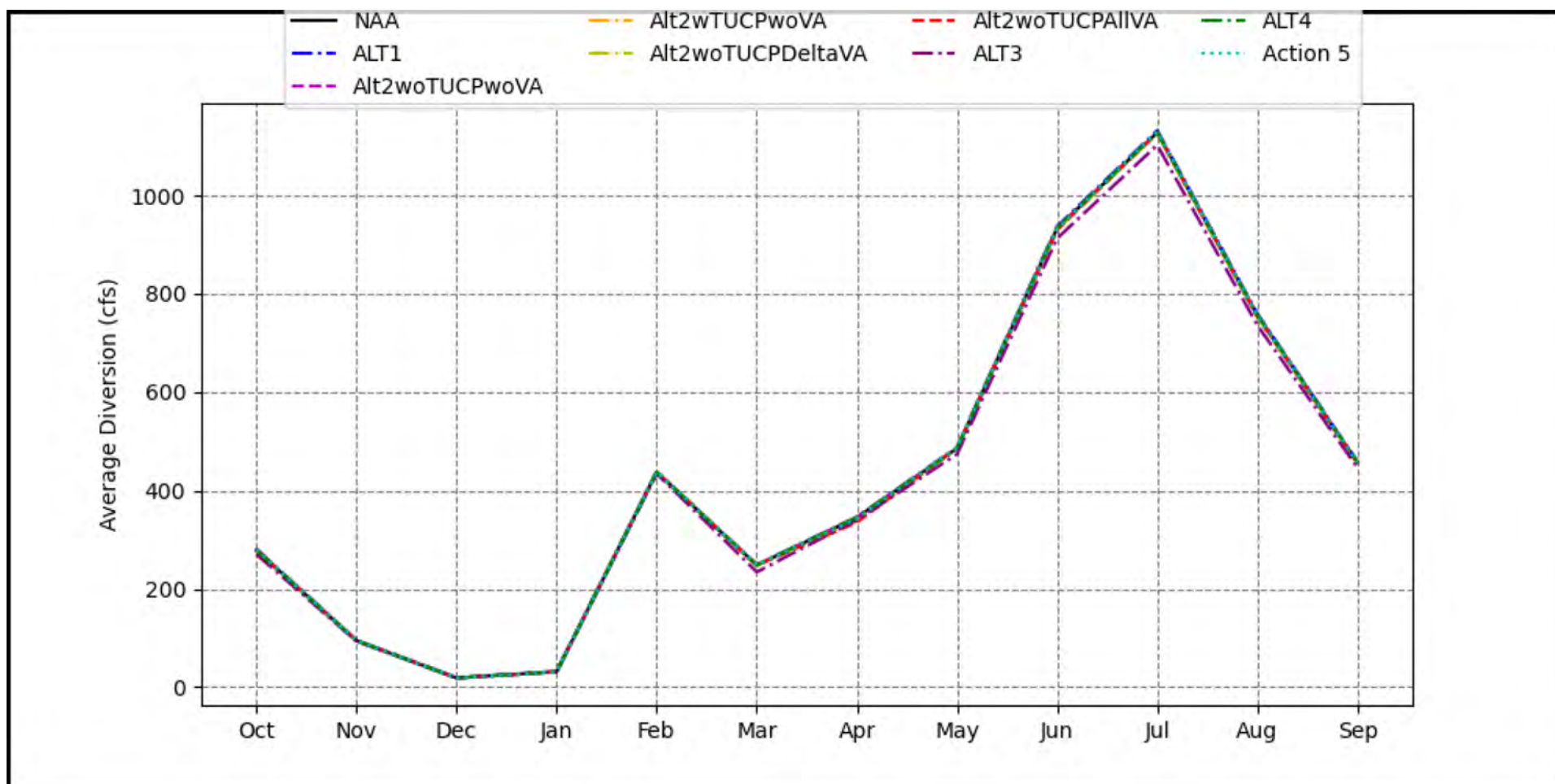


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-7-17 Friant-Kern Canal Diversion, Dry Year Average Diversion (cfs)



*As defined by the 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 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-7-18 Friant-Kern Canal Diversion, Critical Year Average Diversion (cfs)

F.2.3-8 Madera Canal Diversion

Table F.2.3-8-1 a. Madera Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	42	7	0	0	588	404	659	1,053	1,250	1,247	932	356
20% Exceedance	38	0	0	0	113	315	371	782	1,053	1,103	881	321
30% Exceedance	0	0	0	0	71	183	109	478	961	1,026	827	195
40% Exceedance	0	0	0	0	16	111	0	337	784	936	658	130
50% Exceedance	0	0	0	0	0	5	0	216	642	780	521	94
60% Exceedance	0	0	0	0	0	0	0	197	577	703	482	79
70% Exceedance	0	0	0	0	0	0	0	177	513	624	428	72
80% Exceedance	0	0	0	0	0	0	0	139	392	479	311	57
90% Exceedance	0	0	0	0	0	0	0	113	300	347	229	40
Full Simulation Period Average^a	16	4	25	50	107	139	173	413	711	787	591	172
Wet Years (27.7%)	42	11	59	151	223	327	466	780	1,041	1,071	871	303
Above Normal Years (13.9%)	22	6	0	35	123	157	193	468	847	941	719	192
Below Normal Years (17.8%)	4	1	0	14	106	100	58	331	682	794	529	152
Dry Years (23.8%)	2	0	34	0	28	26	21	212	530	642	446	86
Critical Years (15.8%)	0	0	0	0	7	7	0	115	317	367	277	73

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-1 b. Madera Canal Diversion, ALT1, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	42	7	0	0	588	404	673	1,053	1,250	1,247	932	356
20% Exceedance	38	0	0	0	113	316	371	782	1,057	1,103	883	322
30% Exceedance	0	0	0	0	71	183	109	480	961	1,026	827	195
40% Exceedance	0	0	0	0	17	111	0	337	784	936	658	130
50% Exceedance	0	0	0	0	0	5	0	217	643	782	522	94
60% Exceedance	0	0	0	0	0	0	0	197	579	705	483	80
70% Exceedance	0	0	0	0	0	0	0	176	512	623	424	73
80% Exceedance	0	0	0	0	0	0	0	140	395	482	311	57
90% Exceedance	0	0	0	0	0	0	0	113	301	350	232	40
Full Simulation Period Average^a	16	4	25	50	107	137	173	414	712	788	592	172
Wet Years (27.7%)	41	11	59	152	223	321	465	782	1,041	1,071	871	303
Above Normal Years (13.9%)	22	6	0	35	124	157	193	468	848	941	719	192
Below Normal Years (17.8%)	4	1	0	16	107	98	58	332	684	796	530	153
Dry Years (23.8%)	2	0	34	0	28	26	21	212	531	643	447	86
Critical Years (15.8%)	0	0	0	0	7	7	0	116	318	369	277	74

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-1 c. Madera Canal Diversion, ALT1 Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	14	0	0	1	0	0
20% Exceedance	0	0	0	0	0	0	0	0	4	0	2	1
30% Exceedance	0	0	0	0	0	0	0	2	0	0	0	0
40% Exceedance	0	0	0	0	1	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	1	2	2	1	0
60% Exceedance	0	0	0	0	0	0	0	1	2	2	1	0
70% Exceedance	0	0	0	0	0	0	0	0	-1	-1	-3	0
80% Exceedance	0	0	0	0	0	0	0	1	3	3	0	0
90% Exceedance	0	0	0	0	0	0	0	0	1	3	2	0
Full Simulation Period Average^a	0	0	0	0	0	-2	0	1	1	1	1	0
Wet Years (27.7%)	0	0	0	0	0	-6	-1	2	0	0	1	0
Above Normal Years (13.9%)	0	0	0	0	1	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	2	0	-2	0	1	1	2	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	1	1	1	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	1	2	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-2 a. Madera Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	42	7	0	0	588	404	659	1,053	1,250	1,247	932	356
20% Exceedance	38	0	0	0	113	315	371	782	1,053	1,103	881	321
30% Exceedance	0	0	0	0	71	183	109	478	961	1,026	827	195
40% Exceedance	0	0	0	0	16	111	0	337	784	936	658	130
50% Exceedance	0	0	0	0	0	5	0	216	642	780	521	94
60% Exceedance	0	0	0	0	0	0	0	197	577	703	482	79
70% Exceedance	0	0	0	0	0	0	0	177	513	624	428	72
80% Exceedance	0	0	0	0	0	0	0	139	392	479	311	57
90% Exceedance	0	0	0	0	0	0	0	113	300	347	229	40
Full Simulation Period Average^a	16	4	25	50	107	139	173	413	711	787	591	172
Wet Years (27.7%)	42	11	59	151	223	327	466	780	1,041	1,071	871	303
Above Normal Years (13.9%)	22	6	0	35	123	157	193	468	847	941	719	192
Below Normal Years (17.8%)	4	1	0	14	106	100	58	331	682	794	529	152
Dry Years (23.8%)	2	0	34	0	28	26	21	212	530	642	446	86
Critical Years (15.8%)	0	0	0	0	7	7	0	115	317	367	277	73

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-2 b. Madera Canal Diversion, Alt2woTUCPwoVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	42	7	0	0	588	404	657	1,053	1,250	1,247	932	356
20% Exceedance	38	0	0	0	113	315	371	782	1,053	1,103	881	321
30% Exceedance	0	0	0	0	71	182	109	479	961	1,026	827	195
40% Exceedance	0	0	0	0	16	111	0	336	784	936	658	130
50% Exceedance	0	0	0	0	0	5	0	216	642	780	521	94
60% Exceedance	0	0	0	0	0	0	0	197	577	702	481	79
70% Exceedance	0	0	0	0	0	0	0	177	513	624	428	73
80% Exceedance	0	0	0	0	0	0	0	139	392	479	311	57
90% Exceedance	0	0	0	0	0	0	0	113	300	347	229	40
Full Simulation Period Average^a	16	4	25	50	107	137	173	413	711	787	591	172
Wet Years (27.7%)	42	11	59	151	223	321	466	780	1,041	1,071	871	303
Above Normal Years (13.9%)	22	6	0	35	123	157	193	468	847	941	719	192
Below Normal Years (17.8%)	4	1	0	14	106	100	58	331	682	794	529	153
Dry Years (23.8%)	2	0	34	0	28	26	21	211	530	642	446	86
Critical Years (15.8%)	0	0	0	0	7	7	0	115	317	367	277	73

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-2 c. Madera Canal Diversion, Alt2woTUCPwoVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	-2	0	0	0	0	0
20% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	1	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
Full Simulation Period Average^a	0	0	0	0	0	-2	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	-6	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-3 a. Madera Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	42	7	0	0	588	404	659	1,053	1,250	1,247	932	356
20% Exceedance	38	0	0	0	113	315	371	782	1,053	1,103	881	321
30% Exceedance	0	0	0	0	71	183	109	478	961	1,026	827	195
40% Exceedance	0	0	0	0	16	111	0	337	784	936	658	130
50% Exceedance	0	0	0	0	0	5	0	216	642	780	521	94
60% Exceedance	0	0	0	0	0	0	0	197	577	703	482	79
70% Exceedance	0	0	0	0	0	0	0	177	513	624	428	72
80% Exceedance	0	0	0	0	0	0	0	139	392	479	311	57
90% Exceedance	0	0	0	0	0	0	0	113	300	347	229	40
Full Simulation Period Average^a	16	4	25	50	107	139	173	413	711	787	591	172
Wet Years (27.7%)	42	11	59	151	223	327	466	780	1,041	1,071	871	303
Above Normal Years (13.9%)	22	6	0	35	123	157	193	468	847	941	719	192
Below Normal Years (17.8%)	4	1	0	14	106	100	58	331	682	794	529	152
Dry Years (23.8%)	2	0	34	0	28	26	21	212	530	642	446	86
Critical Years (15.8%)	0	0	0	0	7	7	0	115	317	367	277	73

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-3 b. Madera Canal Diversion, Alt2wTUCPwoVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	42	7	0	0	588	404	657	1,053	1,250	1,247	932	356
20% Exceedance	38	0	0	0	113	315	371	782	1,053	1,103	881	321
30% Exceedance	0	0	0	0	71	182	109	479	961	1,026	827	195
40% Exceedance	0	0	0	0	16	111	0	336	784	936	658	130
50% Exceedance	0	0	0	0	0	5	0	216	642	780	521	94
60% Exceedance	0	0	0	0	0	0	0	197	577	702	481	79
70% Exceedance	0	0	0	0	0	0	0	177	513	624	428	72
80% Exceedance	0	0	0	0	0	0	0	139	392	479	311	57
90% Exceedance	0	0	0	0	0	0	0	113	300	347	229	40
Full Simulation Period Average^a	16	4	25	50	107	137	173	413	711	787	591	172
Wet Years (27.7%)	42	11	59	151	223	321	466	780	1,041	1,071	871	303
Above Normal Years (13.9%)	22	6	0	35	123	157	193	468	847	941	719	192
Below Normal Years (17.8%)	4	1	0	14	106	100	58	331	682	794	529	153
Dry Years (23.8%)	2	0	34	0	28	26	21	211	530	642	446	86
Critical Years (15.8%)	0	0	0	0	7	7	0	115	317	367	277	73

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-3 c. Madera Canal Diversion, Alt2wTUCPwoVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	-2	0	0	0	0	0
20% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	1	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
Full Simulation Period Average^a	0	0	0	0	0	-2	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	-6	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-4 a. Madera Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	42	7	0	0	588	404	659	1,053	1,250	1,247	932	356
20% Exceedance	38	0	0	0	113	315	371	782	1,053	1,103	881	321
30% Exceedance	0	0	0	0	71	183	109	478	961	1,026	827	195
40% Exceedance	0	0	0	0	16	111	0	337	784	936	658	130
50% Exceedance	0	0	0	0	0	5	0	216	642	780	521	94
60% Exceedance	0	0	0	0	0	0	0	197	577	703	482	79
70% Exceedance	0	0	0	0	0	0	0	177	513	624	428	72
80% Exceedance	0	0	0	0	0	0	0	139	392	479	311	57
90% Exceedance	0	0	0	0	0	0	0	113	300	347	229	40
Full Simulation Period Average^a	16	4	25	50	107	139	173	413	711	787	591	172
Wet Years (27.7%)	42	11	59	151	223	327	466	780	1,041	1,071	871	303
Above Normal Years (13.9%)	22	6	0	35	123	157	193	468	847	941	719	192
Below Normal Years (17.8%)	4	1	0	14	106	100	58	331	682	794	529	152
Dry Years (23.8%)	2	0	34	0	28	26	21	212	530	642	446	86
Critical Years (15.8%)	0	0	0	0	7	7	0	115	317	367	277	73

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-4 b. Madera Canal Diversion, Alt2woTUCPDeltaVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	42	7	0	0	590	404	657	1,053	1,250	1,247	932	356
20% Exceedance	38	0	0	0	113	315	371	782	1,056	1,103	880	321
30% Exceedance	0	0	0	0	76	182	109	475	961	1,023	827	174
40% Exceedance	0	0	0	0	16	111	0	336	775	927	651	129
50% Exceedance	0	0	0	0	0	5	0	216	642	780	521	94
60% Exceedance	0	0	0	0	0	0	0	197	577	702	481	79
70% Exceedance	0	0	0	0	0	0	0	177	513	624	428	73
80% Exceedance	0	0	0	0	0	0	0	139	392	479	332	58
90% Exceedance	0	0	0	0	0	0	0	113	300	347	229	40
Full Simulation Period Average^a	16	4	25	50	111	137	173	412	710	786	591	171
Wet Years (27.7%)	42	11	59	151	225	327	466	779	1,039	1,069	869	303
Above Normal Years (13.9%)	22	6	0	35	147	148	193	466	848	941	719	192
Below Normal Years (17.8%)	4	1	0	14	108	100	58	332	682	793	528	153
Dry Years (23.8%)	2	0	34	0	28	26	21	212	530	642	446	86
Critical Years (15.8%)	0	0	0	0	7	7	0	115	316	366	278	69

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-4 c. Madera Canal Diversion, Alt2woTUCPDeltaVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	2	0	-2	0	0	0	0	0
20% Exceedance	0	0	0	0	0	0	0	0	3	0	0	0
30% Exceedance	0	0	0	0	5	0	0	-2	0	-3	0	-21
40% Exceedance	0	0	0	0	-1	0	0	0	-9	-9	-7	-1
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	-1	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	21	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average^a	0	0	0	0	4	-1	0	0	-1	-1	0	-1
Wet Years (27.7%)	0	0	0	0	1	0	0	-1	-2	-2	-2	0
Above Normal Years (13.9%)	0	0	0	0	23	-10	0	-2	1	0	0	0
Below Normal Years (17.8%)	0	0	0	0	2	0	0	1	-1	-1	-1	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	-1	-1	2	-5

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-5 a. Madera Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	42	7	0	0	588	404	659	1,053	1,250	1,247	932	356
20% Exceedance	38	0	0	0	113	315	371	782	1,053	1,103	881	321
30% Exceedance	0	0	0	0	71	183	109	478	961	1,026	827	195
40% Exceedance	0	0	0	0	16	111	0	337	784	936	658	130
50% Exceedance	0	0	0	0	0	5	0	216	642	780	521	94
60% Exceedance	0	0	0	0	0	0	0	197	577	703	482	79
70% Exceedance	0	0	0	0	0	0	0	177	513	624	428	72
80% Exceedance	0	0	0	0	0	0	0	139	392	479	311	57
90% Exceedance	0	0	0	0	0	0	0	113	300	347	229	40
Full Simulation Period Average^a	16	4	25	50	107	139	173	413	711	787	591	172
Wet Years (27.7%)	42	11	59	151	223	327	466	780	1,041	1,071	871	303
Above Normal Years (13.9%)	22	6	0	35	123	157	193	468	847	941	719	192
Below Normal Years (17.8%)	4	1	0	14	106	100	58	331	682	794	529	152
Dry Years (23.8%)	2	0	34	0	28	26	21	212	530	642	446	86
Critical Years (15.8%)	0	0	0	0	7	7	0	115	317	367	277	73

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-5 b. Madera Canal Diversion, Alt2woTUCPAIIVA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	42	7	0	0	590	404	658	1,053	1,250	1,247	932	356
20% Exceedance	38	0	0	0	113	315	371	784	1,053	1,103	881	321
30% Exceedance	0	0	0	0	76	183	109	479	961	1,026	827	168
40% Exceedance	0	0	0	0	16	111	0	336	775	927	651	127
50% Exceedance	0	0	0	0	0	5	0	216	642	780	521	92
60% Exceedance	0	0	0	0	0	0	0	197	577	702	481	79
70% Exceedance	0	0	0	0	0	0	0	177	513	624	428	72
80% Exceedance	0	0	0	0	0	0	0	139	392	479	332	58
90% Exceedance	0	0	0	0	0	0	0	113	300	347	229	40
Full Simulation Period Average^a	16	4	25	50	110	136	173	415	710	787	591	170
Wet Years (27.7%)	42	11	59	151	225	321	466	787	1,039	1,069	869	303
Above Normal Years (13.9%)	22	6	0	35	147	148	193	466	845	937	716	192
Below Normal Years (17.8%)	4	1	0	14	106	100	58	332	685	797	531	153
Dry Years (23.8%)	2	0	34	0	28	26	21	212	530	642	446	86
Critical Years (15.8%)	0	0	0	0	7	7	0	116	316	370	279	65

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-5 c. Madera Canal Diversion, Alt2woTUCPAIIVA Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	2	0	-1	0	0	0	0	0
20% Exceedance	0	0	0	0	0	0	0	1	0	0	0	0
30% Exceedance	0	0	0	0	5	0	0	1	0	0	0	-27
40% Exceedance	0	0	0	0	0	0	0	0	-9	-9	-7	-3
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	-2
60% Exceedance	0	0	0	0	0	0	0	0	0	0	-1	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	21	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average^a	0	0	0	0	4	-3	0	2	0	0	0	-1
Wet Years (27.7%)	0	0	0	0	1	-6	0	7	-1	-2	-1	0
Above Normal Years (13.9%)	0	0	0	0	23	-10	0	-2	-3	-4	-3	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	1	2	3	2	1
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	-1	3	2	-8

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-6 a. Madera Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	42	7	0	0	588	404	659	1,053	1,250	1,247	932	356
20% Exceedance	38	0	0	0	113	315	371	782	1,053	1,103	881	321
30% Exceedance	0	0	0	0	71	183	109	478	961	1,026	827	195
40% Exceedance	0	0	0	0	16	111	0	337	784	936	658	130
50% Exceedance	0	0	0	0	0	5	0	216	642	780	521	94
60% Exceedance	0	0	0	0	0	0	0	197	577	703	482	79
70% Exceedance	0	0	0	0	0	0	0	177	513	624	428	72
80% Exceedance	0	0	0	0	0	0	0	139	392	479	311	57
90% Exceedance	0	0	0	0	0	0	0	113	300	347	229	40
Full Simulation Period Average^a	16	4	25	50	107	139	173	413	711	787	591	172
Wet Years (27.7%)	42	11	59	151	223	327	466	780	1,041	1,071	871	303
Above Normal Years (13.9%)	22	6	0	35	123	157	193	468	847	941	719	192
Below Normal Years (17.8%)	4	1	0	14	106	100	58	331	682	794	529	152
Dry Years (23.8%)	2	0	34	0	28	26	21	212	530	642	446	86
Critical Years (15.8%)	0	0	0	0	7	7	0	115	317	367	277	73

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-6 b. Madera Canal Diversion, ALT3, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	42	7	0	0	586	404	612	1,051	1,250	1,241	932	359
20% Exceedance	38	0	0	0	113	314	371	782	1,063	1,103	867	330
30% Exceedance	0	0	0	0	70	180	58	475	961	1,024	826	221
40% Exceedance	0	0	0	0	8	111	0	334	782	935	657	130
50% Exceedance	0	0	0	0	0	4	0	213	632	769	517	93
60% Exceedance	0	0	0	0	0	0	0	194	568	692	474	78
70% Exceedance	0	0	0	0	0	0	0	174	501	610	412	72
80% Exceedance	0	0	0	0	0	0	0	136	380	463	309	56
90% Exceedance	0	0	0	0	0	0	0	112	299	342	222	39
Full Simulation Period Average^a	16	4	24	47	105	139	168	410	707	780	587	173
Wet Years (27.7%)	42	10	58	149	222	326	448	780	1,040	1,070	866	307
Above Normal Years (13.9%)	21	6	0	34	119	157	193	468	847	936	715	192
Below Normal Years (17.8%)	4	1	0	5	106	106	59	322	678	781	527	155
Dry Years (23.8%)	2	0	32	0	28	26	21	209	524	634	441	86
Critical Years (15.8%)	0	0	0	0	7	7	0	113	309	356	273	74

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-6 c. Madera Canal Diversion, ALT3 Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	-2	0	-47	-2	0	-5	0	4
20% Exceedance	0	0	0	0	0	-1	0	0	10	0	-14	9
30% Exceedance	0	0	0	0	-2	-2	-51	-2	0	-2	0	26
40% Exceedance	0	0	0	0	-8	0	0	-3	-2	-1	-1	0
50% Exceedance	0	0	0	0	0	-1	0	-3	-10	-12	-4	-1
60% Exceedance	0	0	0	0	0	0	0	-2	-9	-11	-8	-1
70% Exceedance	0	0	0	0	0	0	0	-3	-12	-14	-15	0
80% Exceedance	0	0	0	0	0	0	0	-4	-13	-15	-2	-1
90% Exceedance	0	0	0	0	0	0	0	-1	-2	-5	-7	-1
Full Simulation Period Average^a	0	0	-1	-2	-1	1	-5	-3	-4	-7	-4	1
Wet Years (27.7%)	0	0	-1	-2	-1	-1	-18	0	-1	-1	-5	3
Above Normal Years (13.9%)	-1	0	0	-1	-5	0	0	0	0	-4	-4	-1
Below Normal Years (17.8%)	0	0	0	-9	-1	6	0	-9	-5	-13	-2	3
Dry Years (23.8%)	0	0	-2	0	-1	0	0	-2	-6	-8	-5	-1
Critical Years (15.8%)	0	0	0	0	0	0	0	-2	-8	-11	-3	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-7 a. Madera Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	42	7	0	0	588	404	659	1,053	1,250	1,247	932	356
20% Exceedance	38	0	0	0	113	315	371	782	1,053	1,103	881	321
30% Exceedance	0	0	0	0	71	183	109	478	961	1,026	827	195
40% Exceedance	0	0	0	0	16	111	0	337	784	936	658	130
50% Exceedance	0	0	0	0	0	5	0	216	642	780	521	94
60% Exceedance	0	0	0	0	0	0	0	197	577	703	482	79
70% Exceedance	0	0	0	0	0	0	0	177	513	624	428	72
80% Exceedance	0	0	0	0	0	0	0	139	392	479	311	57
90% Exceedance	0	0	0	0	0	0	0	113	300	347	229	40
Full Simulation Period Average^a	16	4	25	50	107	139	173	413	711	787	591	172
Wet Years (27.7%)	42	11	59	151	223	327	466	780	1,041	1,071	871	303
Above Normal Years (13.9%)	22	6	0	35	123	157	193	468	847	941	719	192
Below Normal Years (17.8%)	4	1	0	14	106	100	58	331	682	794	529	152
Dry Years (23.8%)	2	0	34	0	28	26	21	212	530	642	446	86
Critical Years (15.8%)	0	0	0	0	7	7	0	115	317	367	277	73

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-7 b. Madera Canal Diversion, ALT4, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	42	7	0	0	588	404	663	1,053	1,250	1,247	932	356
20% Exceedance	38	0	0	0	113	315	371	782	1,054	1,103	881	321
30% Exceedance	0	0	0	0	71	183	109	479	961	1,026	827	195
40% Exceedance	0	0	0	0	16	111	0	337	784	936	658	130
50% Exceedance	0	0	0	0	0	5	0	217	642	781	521	94
60% Exceedance	0	0	0	0	0	0	0	197	578	703	482	79
70% Exceedance	0	0	0	0	0	0	0	177	514	625	428	72
80% Exceedance	0	0	0	0	0	0	0	140	393	479	311	57
90% Exceedance	0	0	0	0	0	0	0	113	300	348	230	40
Full Simulation Period Average^a	16	4	25	50	107	137	173	413	711	788	591	172
Wet Years (27.7%)	42	11	59	151	223	321	466	780	1,041	1,071	871	303
Above Normal Years (13.9%)	22	6	0	35	124	157	193	468	847	941	719	192
Below Normal Years (17.8%)	4	1	0	14	106	99	58	331	683	795	529	152
Dry Years (23.8%)	2	0	34	0	28	26	21	212	531	642	446	86
Critical Years (15.8%)	0	0	0	0	7	7	0	115	317	367	277	74

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-7 c. Madera Canal Diversion, ALT4 Minus NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	4	0	0	0	0	0
20% Exceedance	0	0	0	0	0	0	0	0	1	0	0	0
30% Exceedance	0	0	0	0	0	0	0	1	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	1	1	0	0
80% Exceedance	0	0	0	0	0	0	0	0	1	1	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	1	0	0
Full Simulation Period Average^a	0	0	0	0	0	-2	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	-6	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-8 a. Madera Canal Diversion, NAA, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	42	7	0	0	588	404	659	1,053	1,250	1,247	932	356
20% Exceedance	38	0	0	0	113	315	371	782	1,053	1,103	881	321
30% Exceedance	0	0	0	0	71	183	109	478	961	1,026	827	195
40% Exceedance	0	0	0	0	16	111	0	337	784	936	658	130
50% Exceedance	0	0	0	0	0	5	0	216	642	780	521	94
60% Exceedance	0	0	0	0	0	0	0	197	577	703	482	79
70% Exceedance	0	0	0	0	0	0	0	177	513	624	428	72
80% Exceedance	0	0	0	0	0	0	0	139	392	479	311	57
90% Exceedance	0	0	0	0	0	0	0	113	300	347	229	40
Full Simulation Period Average^a	16	4	25	50	107	139	173	413	711	787	591	172
Wet Years (27.7%)	42	11	59	151	223	327	466	780	1,041	1,071	871	303
Above Normal Years (13.9%)	22	6	0	35	123	157	193	468	847	941	719	192
Below Normal Years (17.8%)	4	1	0	14	106	100	58	331	682	794	529	152
Dry Years (23.8%)	2	0	34	0	28	26	21	212	530	642	446	86
Critical Years (15.8%)	0	0	0	0	7	7	0	115	317	367	277	73

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-8 b. Madera Canal Diversion, Action 5, Monthly Diversion (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	42	7	0	0	590	404	668	1,053	1,250	1,244	925	356
20% Exceedance	38	0	0	0	113	315	371	777	1,051	1,103	880	322
30% Exceedance	0	0	0	0	76	183	109	479	961	1,028	827	168
40% Exceedance	0	0	0	0	17	111	0	334	768	927	644	129
50% Exceedance	0	0	0	0	0	5	0	217	643	782	521	92
60% Exceedance	0	0	0	0	0	0	0	197	578	704	481	80
70% Exceedance	0	0	0	0	0	0	0	177	515	627	428	73
80% Exceedance	0	0	0	0	0	0	0	140	394	481	334	58
90% Exceedance	0	0	0	0	0	0	0	113	301	349	231	40
Full Simulation Period Average^a	16	4	25	50	110	137	173	413	712	787	590	171
Wet Years (27.7%)	41	11	59	151	224	327	466	786	1,035	1,066	864	302
Above Normal Years (13.9%)	22	6	0	35	147	148	193	457	859	938	717	192
Below Normal Years (17.8%)	4	1	0	15	107	99	58	332	686	798	531	153
Dry Years (23.8%)	2	0	34	0	28	26	21	212	533	645	448	86
Critical Years (15.8%)	0	0	0	0	7	7	0	116	316	368	279	69

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-8-8 c. Madera Canal Diversion, Action 5 Minus NAA, Monthly Diversion (cfs)

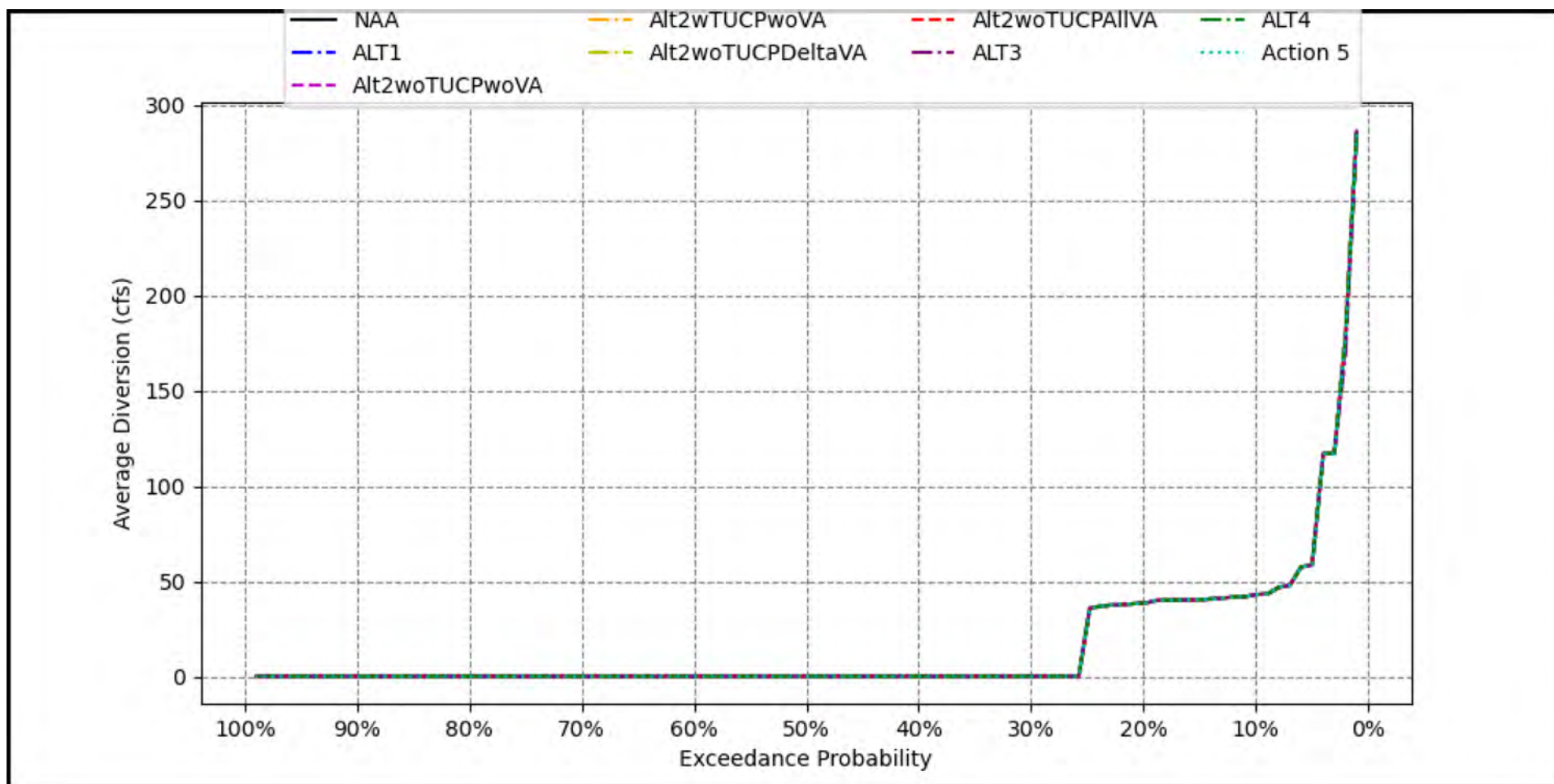
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	2	0	9	0	0	-3	-7	0
20% Exceedance	0	0	0	0	0	0	0	-5	-2	0	-1	1
30% Exceedance	0	0	0	0	5	0	0	1	0	1	0	-27
40% Exceedance	0	0	0	0	0	0	0	-2	-16	-9	-14	-1
50% Exceedance	0	0	0	0	0	0	0	0	1	1	0	-2
60% Exceedance	0	0	0	0	0	0	0	0	1	1	0	0
70% Exceedance	0	0	0	0	0	0	0	1	2	2	1	0
80% Exceedance	0	0	0	0	0	0	0	0	2	2	23	0
90% Exceedance	0	0	0	0	0	0	0	0	0	2	1	0
Full Simulation Period Average^a	0	0	0	0	4	-2	0	1	1	0	-1	-1
Wet Years (27.7%)	0	0	0	0	1	0	1	6	-5	-5	-7	-1
Above Normal Years (13.9%)	0	0	0	0	23	-10	0	-11	12	-3	-2	0
Below Normal Years (17.8%)	0	0	0	1	0	-1	0	1	3	4	2	0
Dry Years (23.8%)	0	0	0	0	0	0	0	1	2	3	2	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	1	2	-4

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

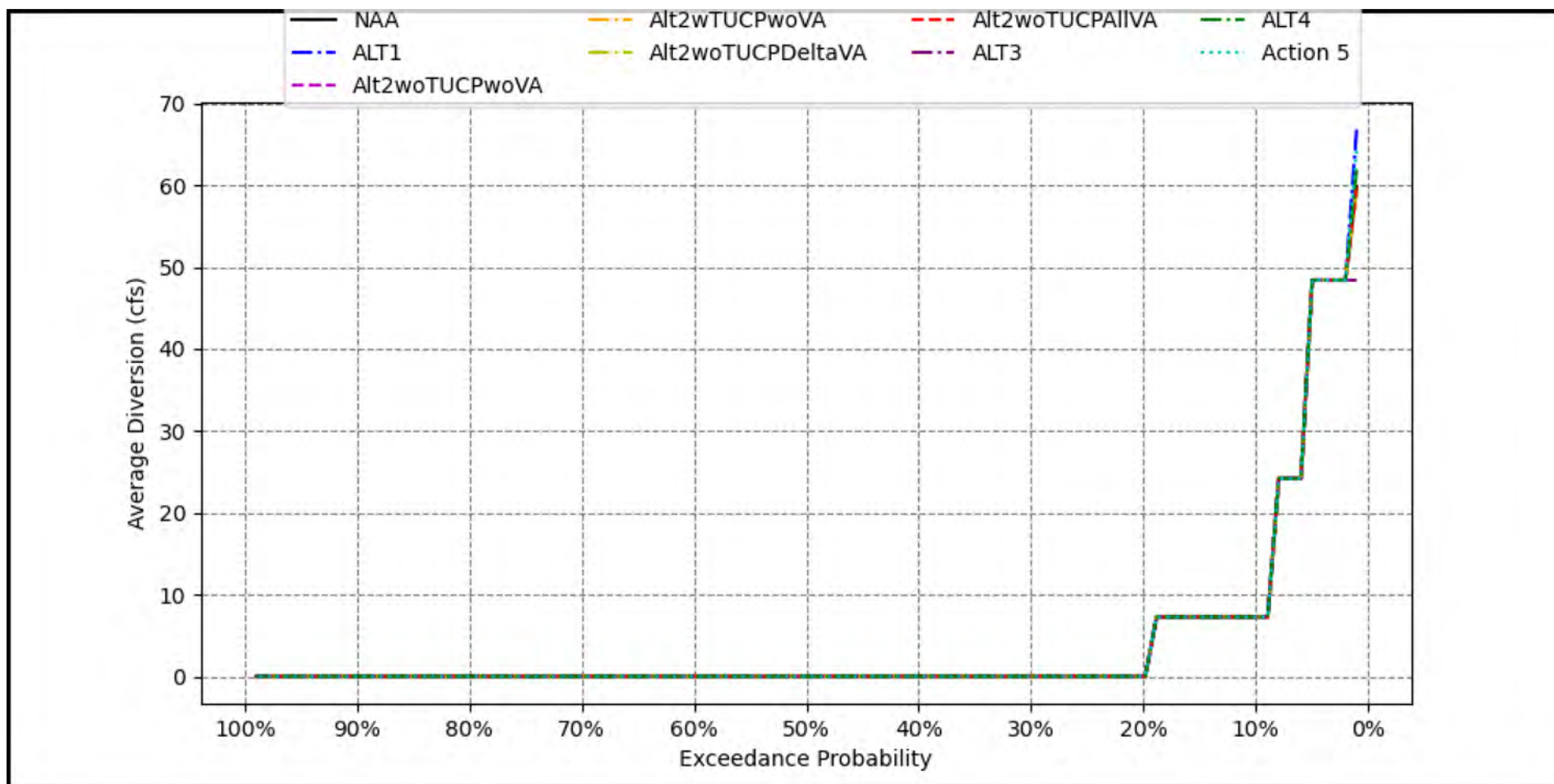
* Water Year Types defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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



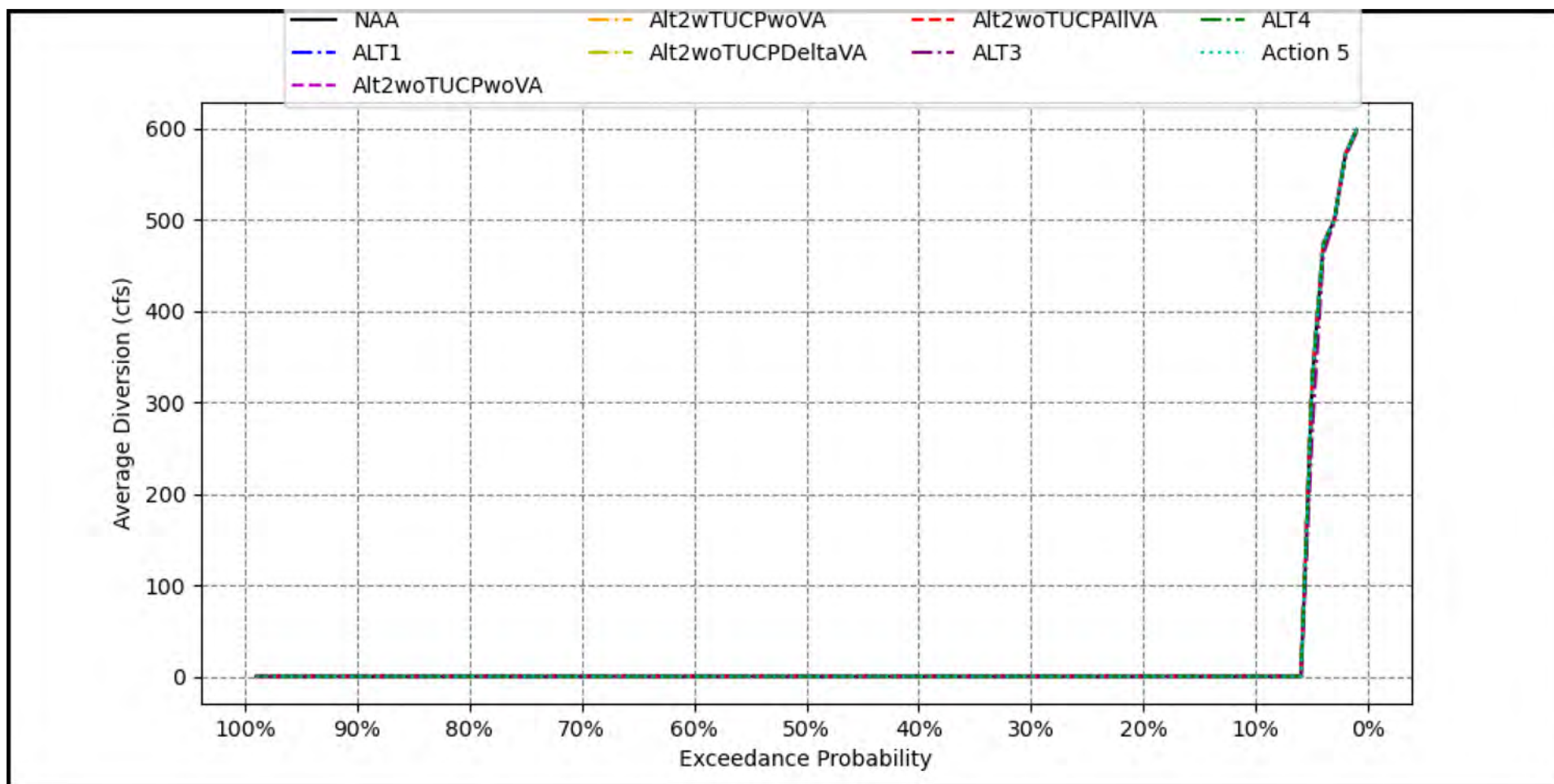
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-8-1 Madera Canal Diversion, October Diversion



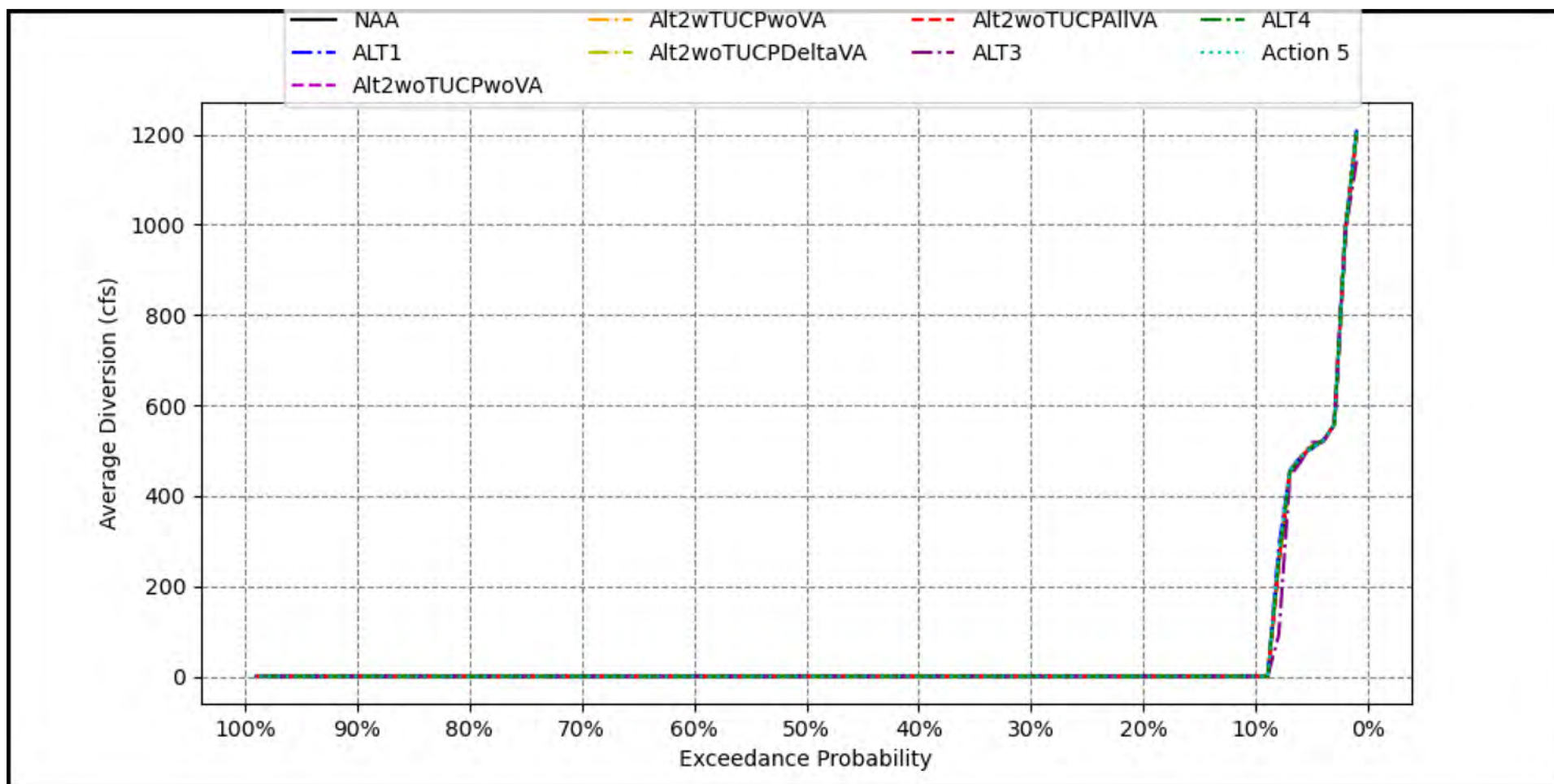
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-8-2 Madera Canal Diversion, November Diversion



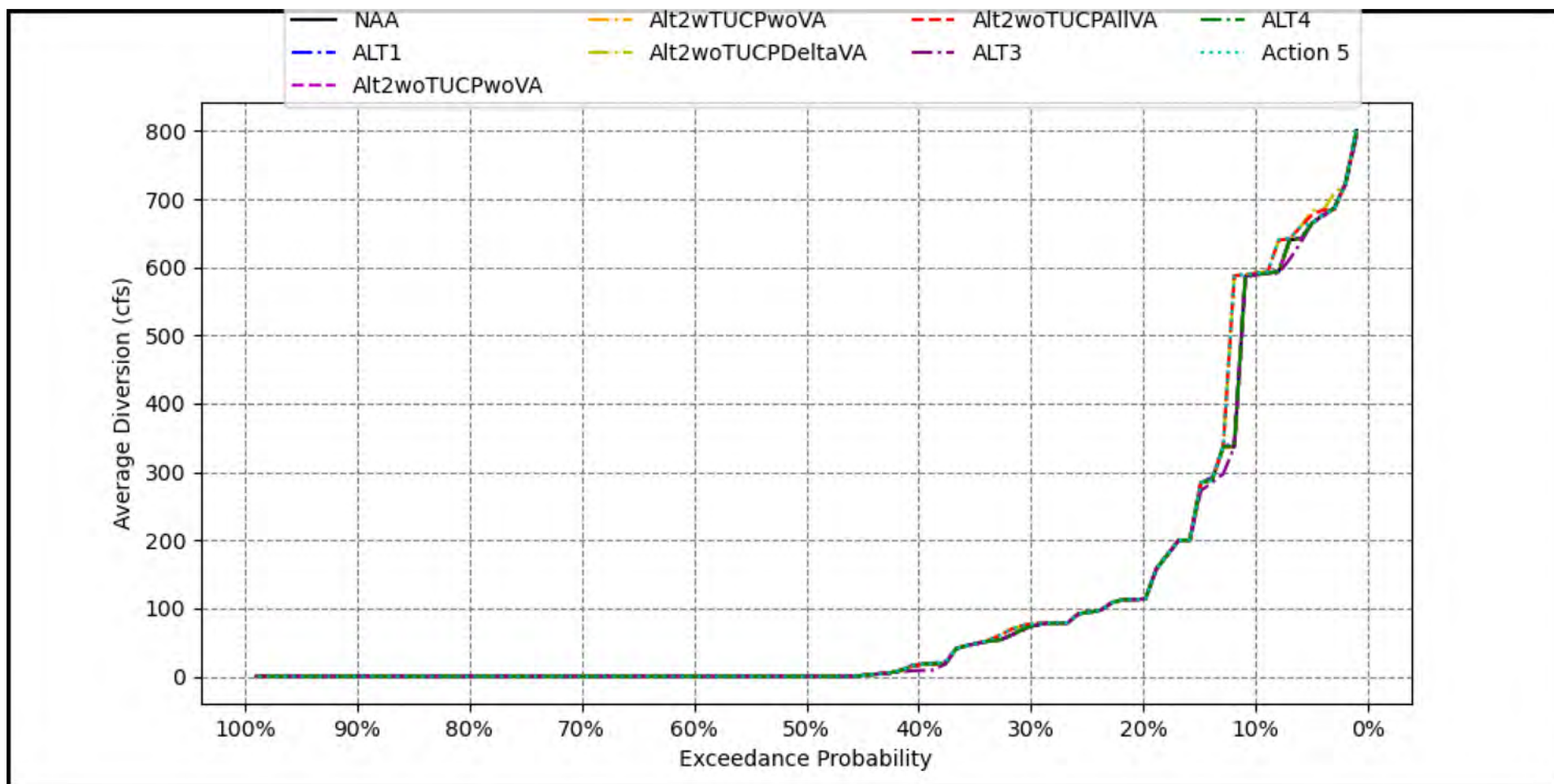
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-8-3 Madera Canal Diversion, December Diversion



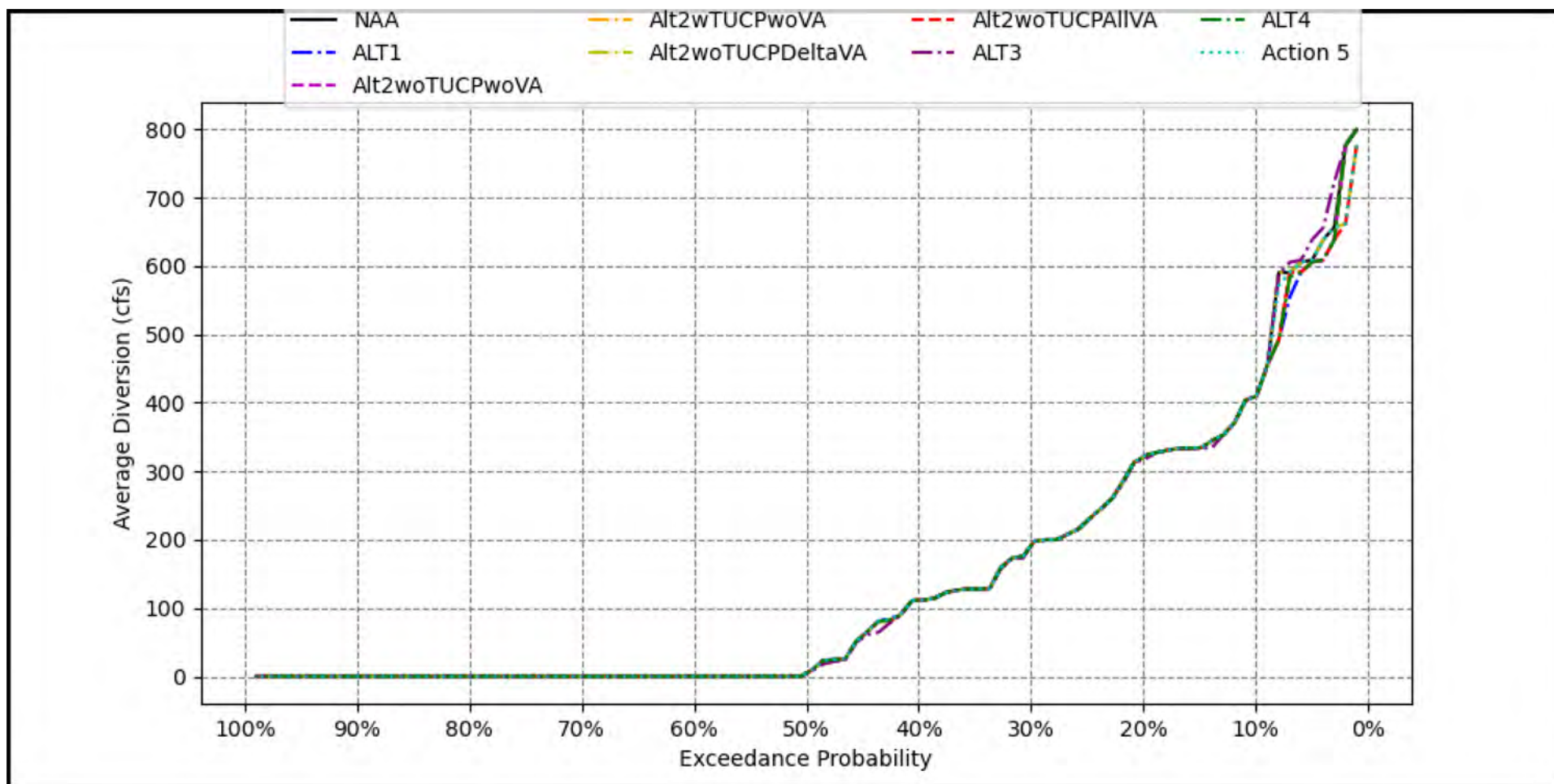
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-8-4 Madera Canal Diversion, January Diversion



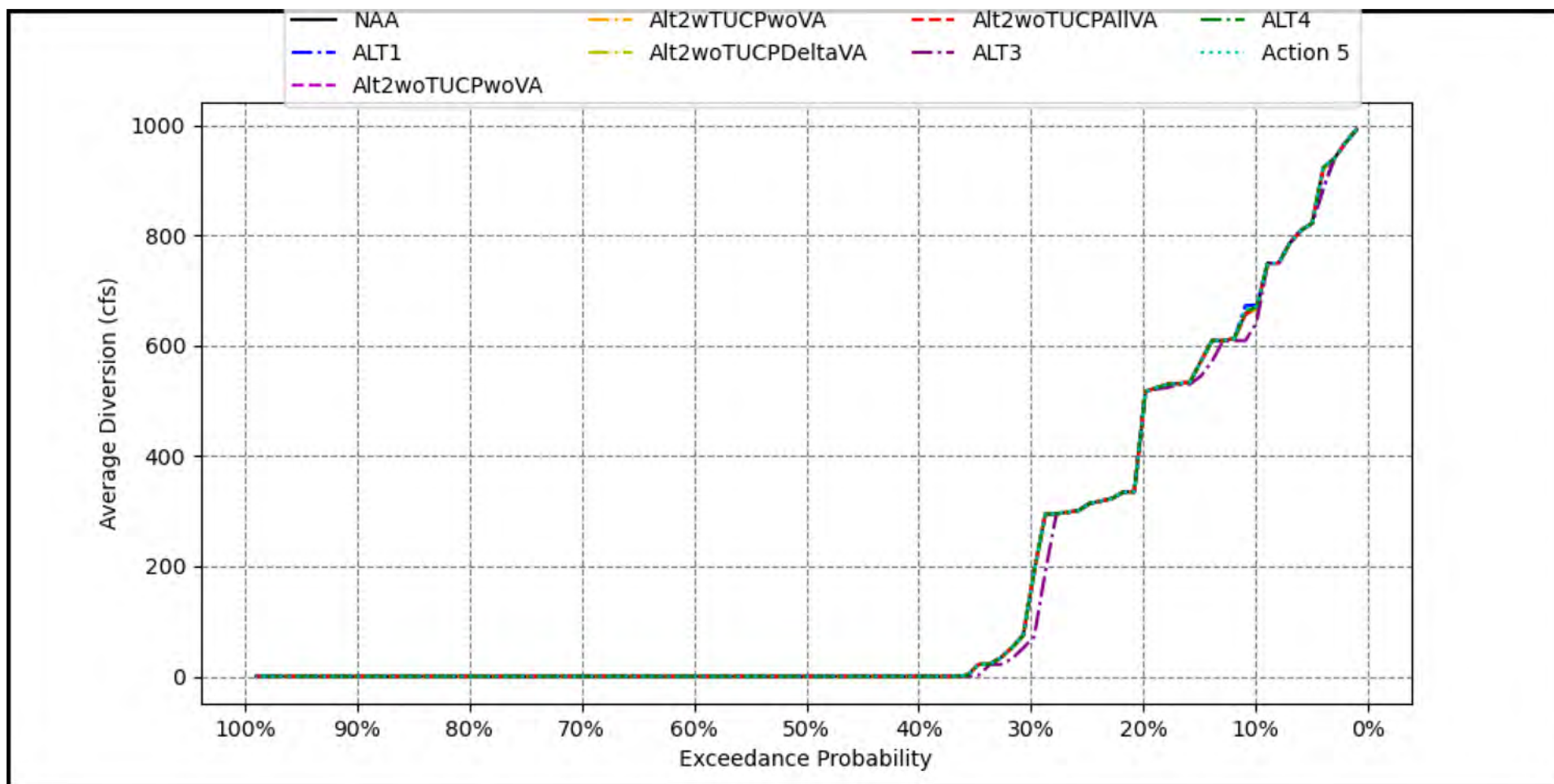
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-8-5 Madera Canal Diversion, February Diversion



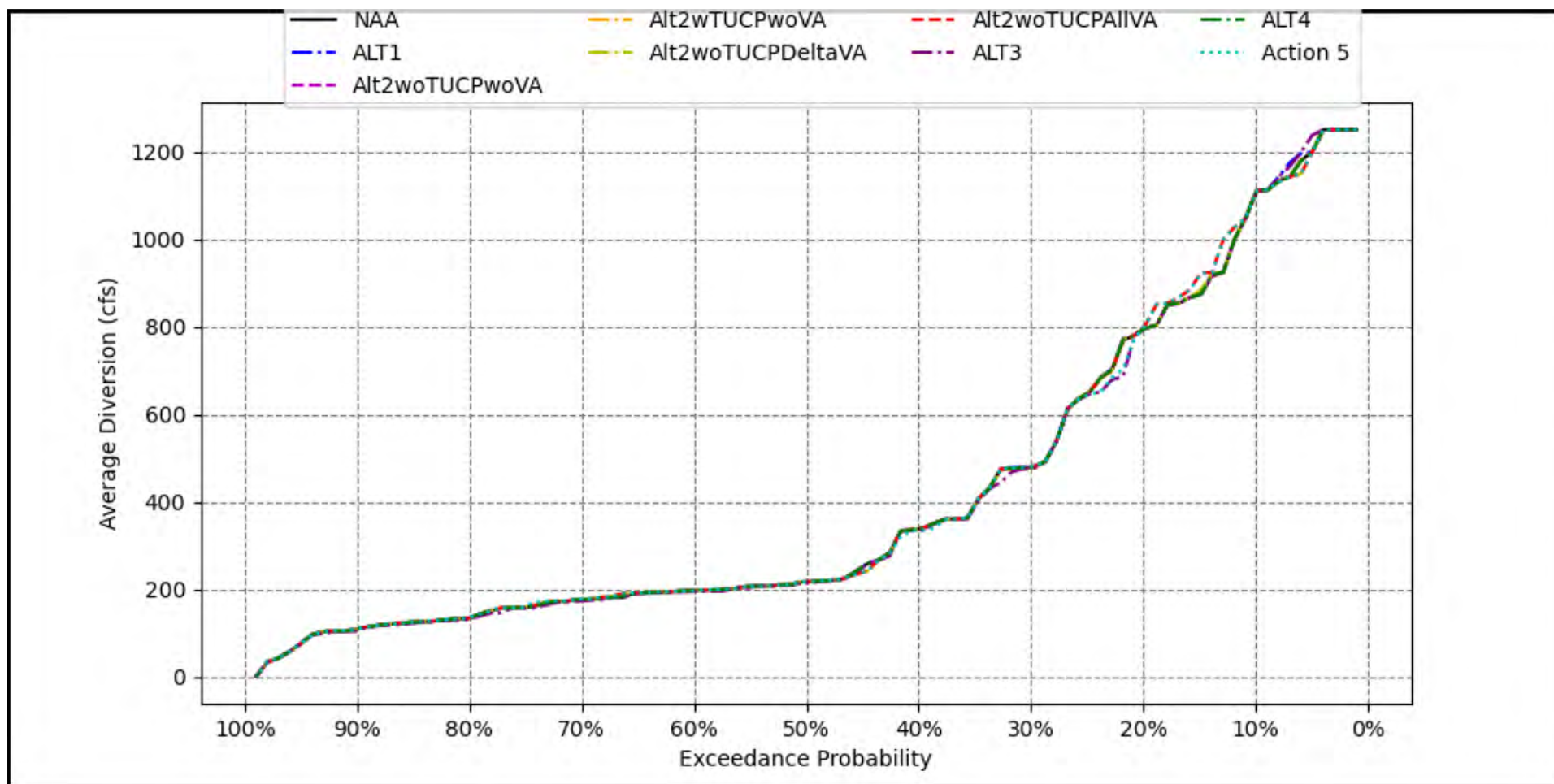
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-8-6 Madera Canal Diversion, March Diversion



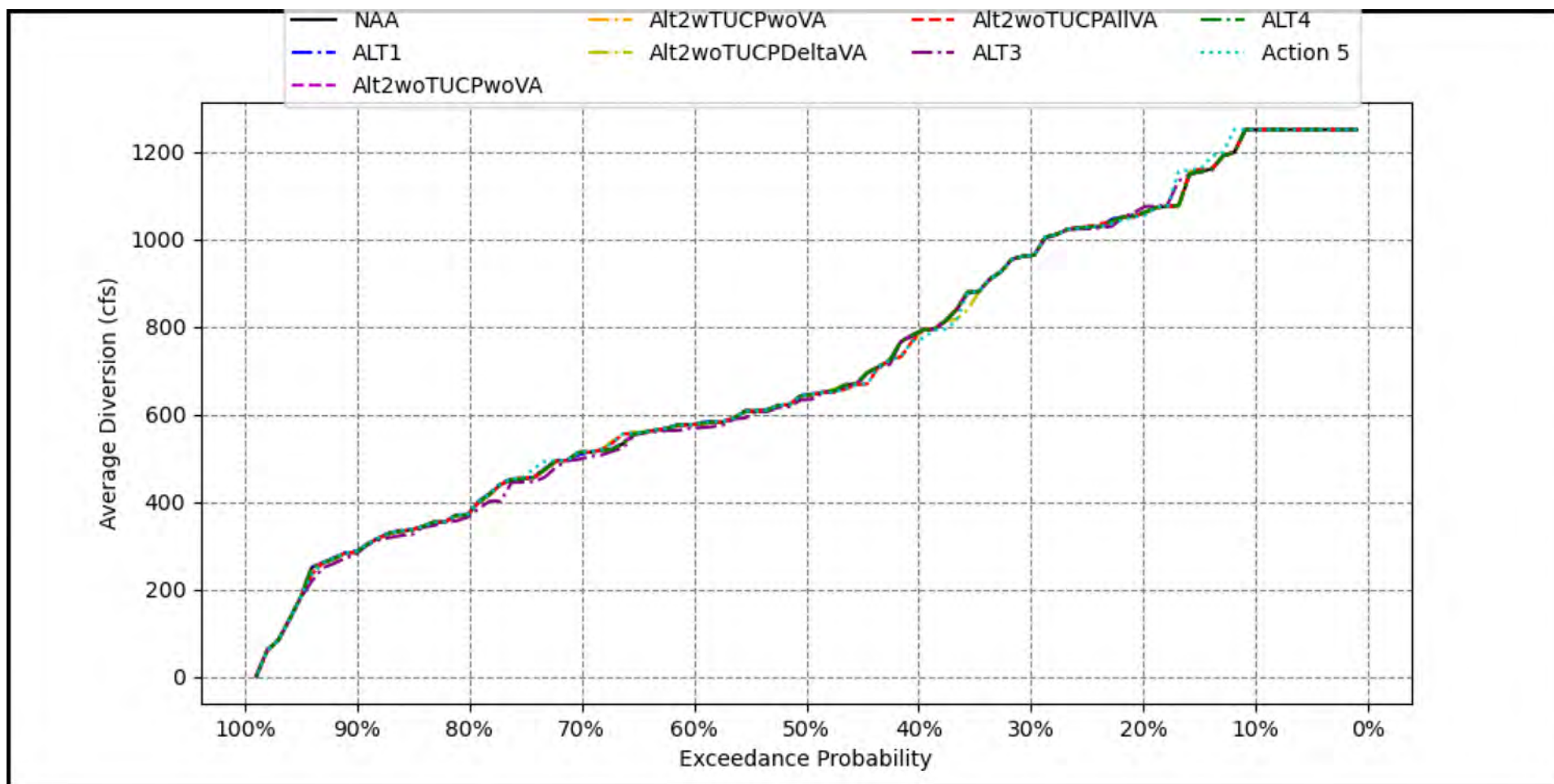
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-8-7 Madera Canal Diversion, April Diversion



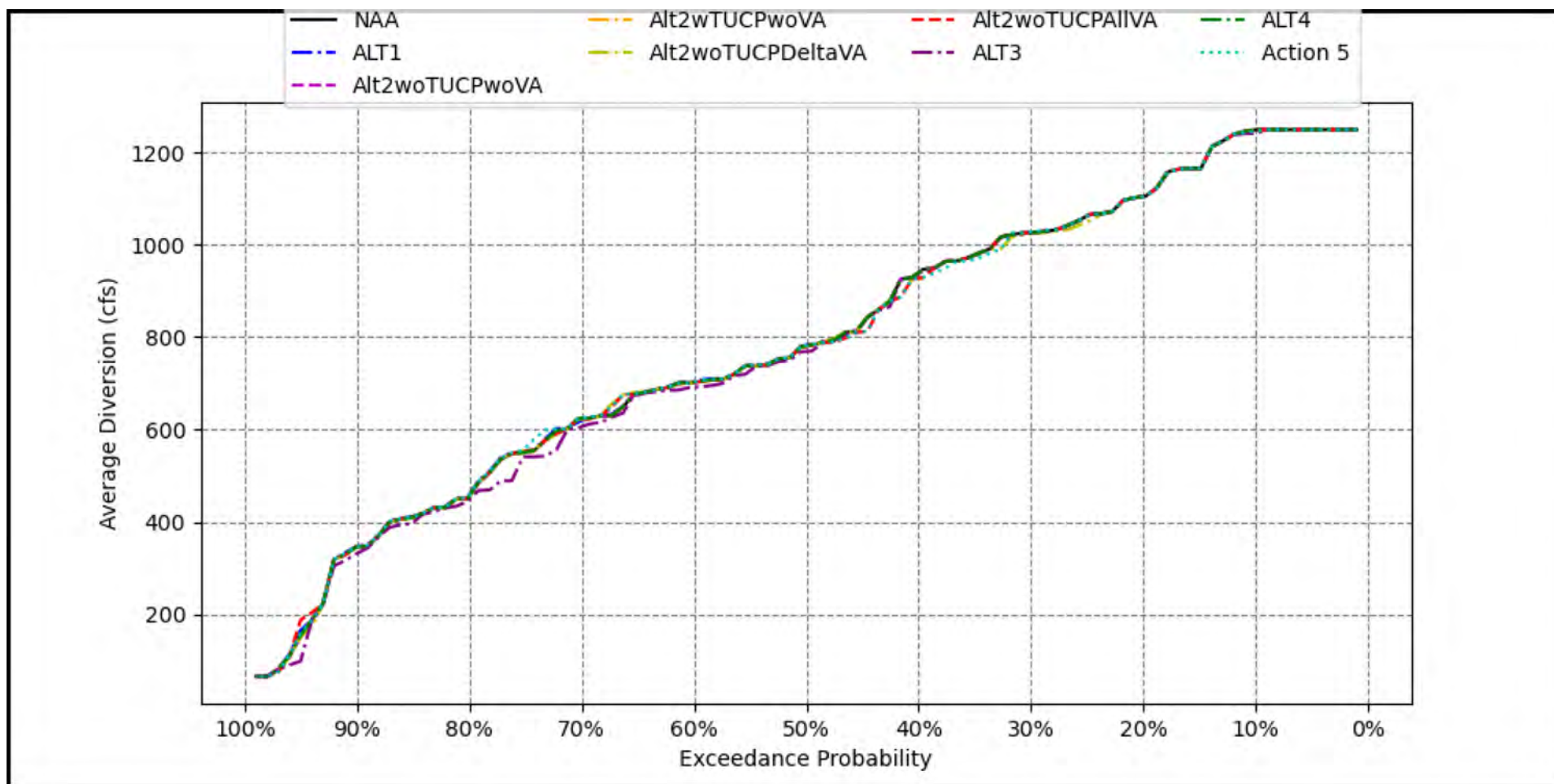
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-8-8 Madera Canal Diversion, May Diversion



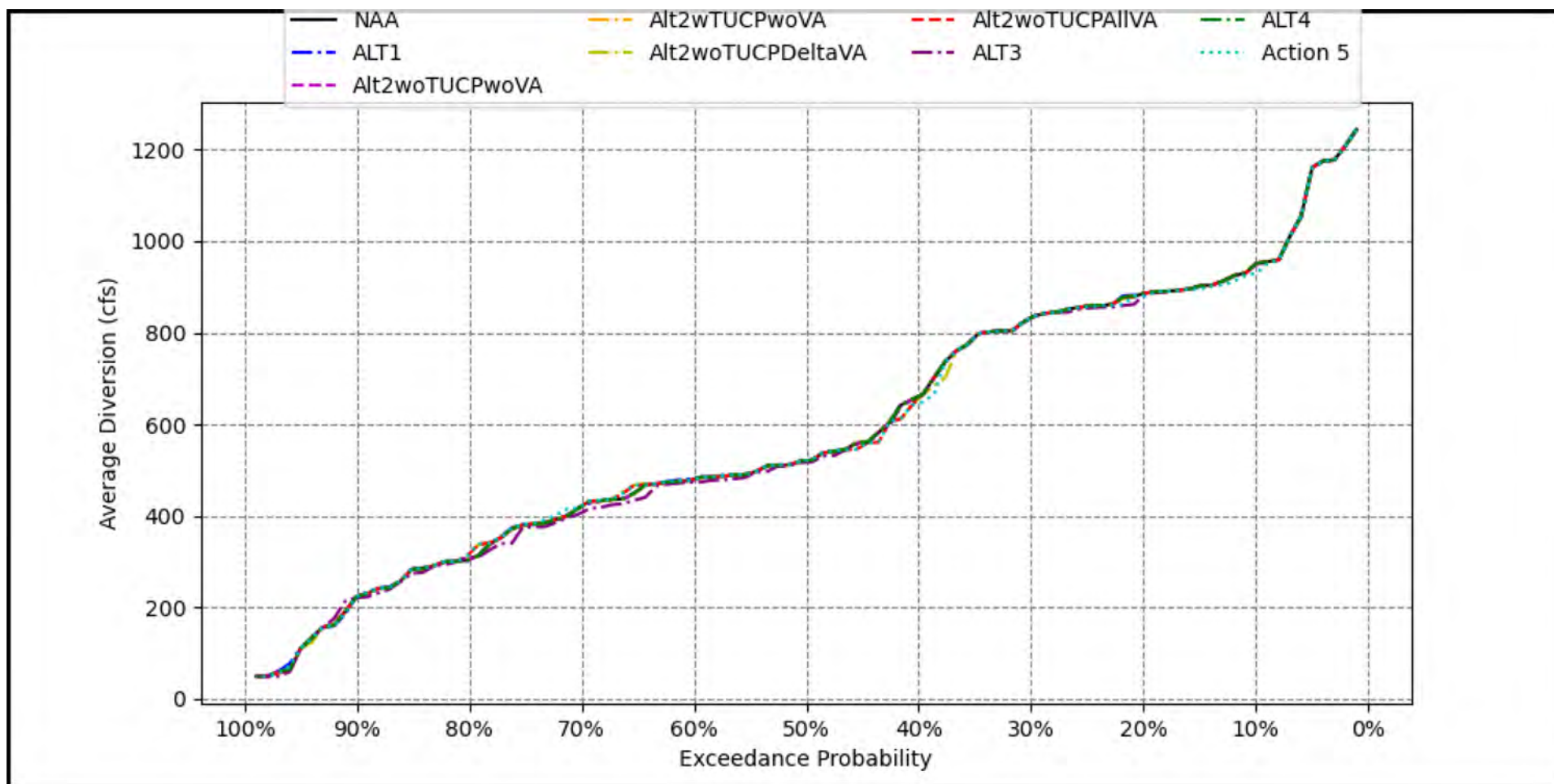
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-8-9 Madera Canal Diversion, June Diversion



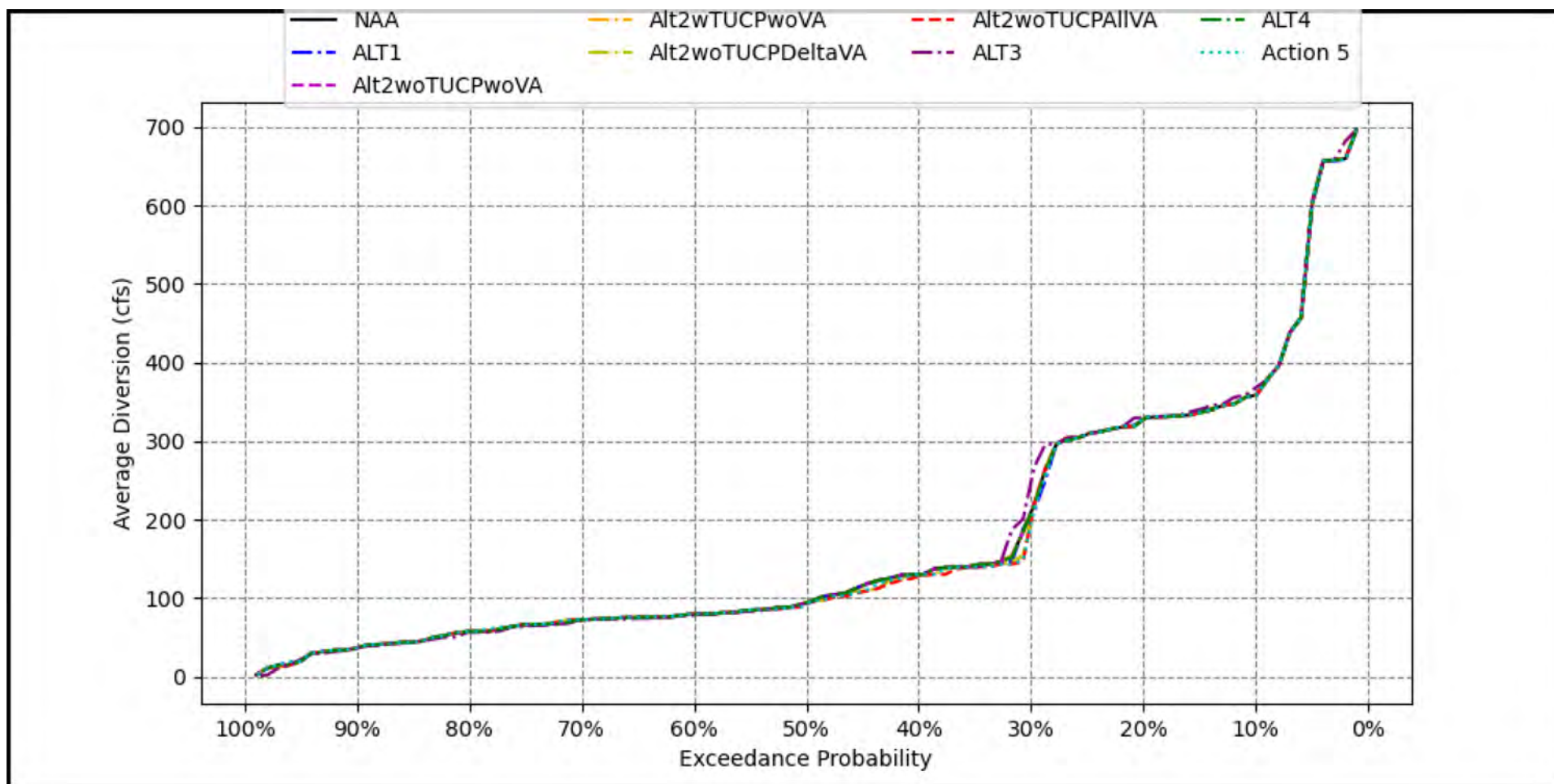
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-8-10 Madera Canal Diversion, July Diversion



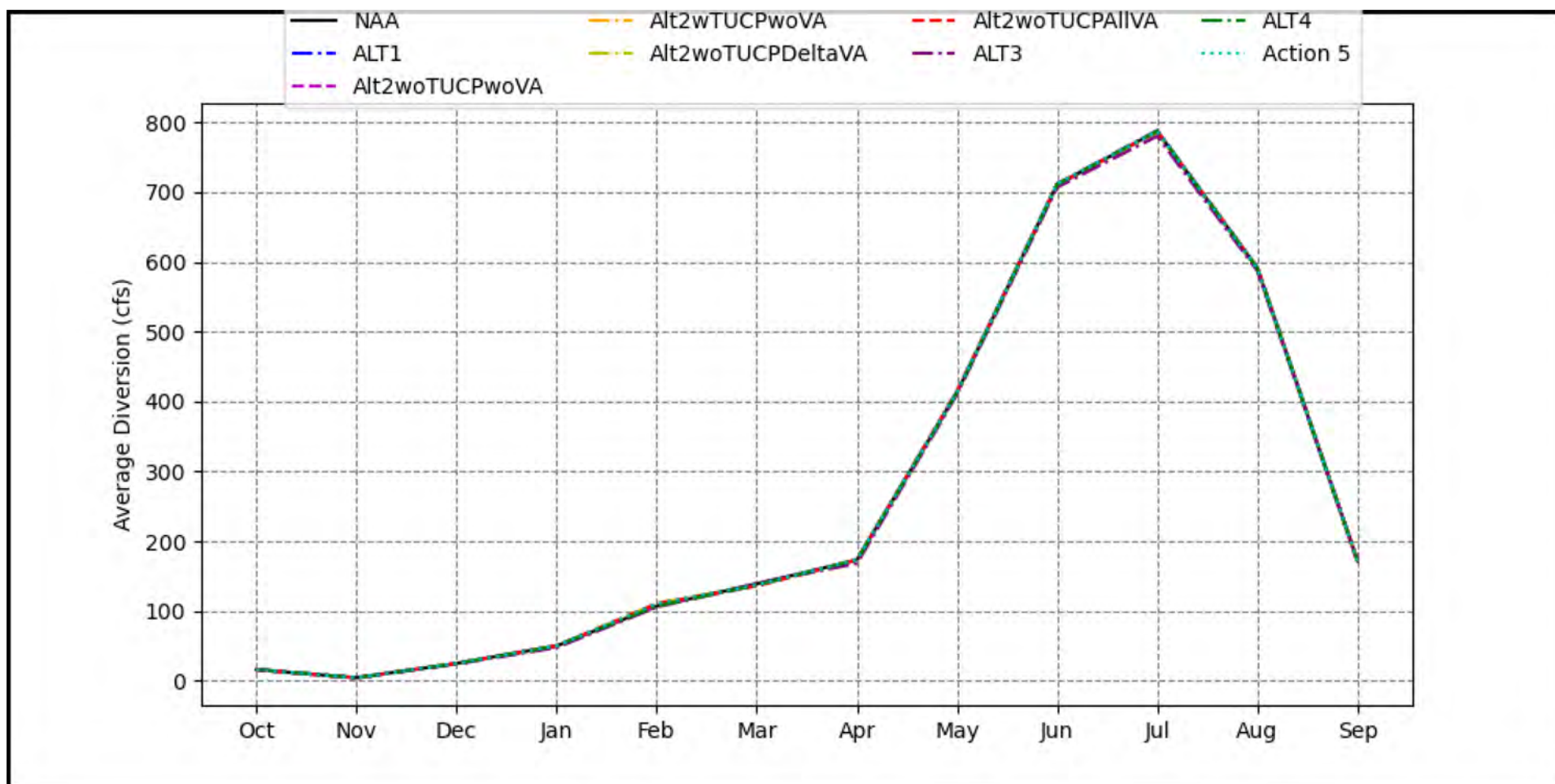
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-8-11 Madera Canal Diversion, August Diversion



*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-8-12 Madera Canal Diversion, September Diversion

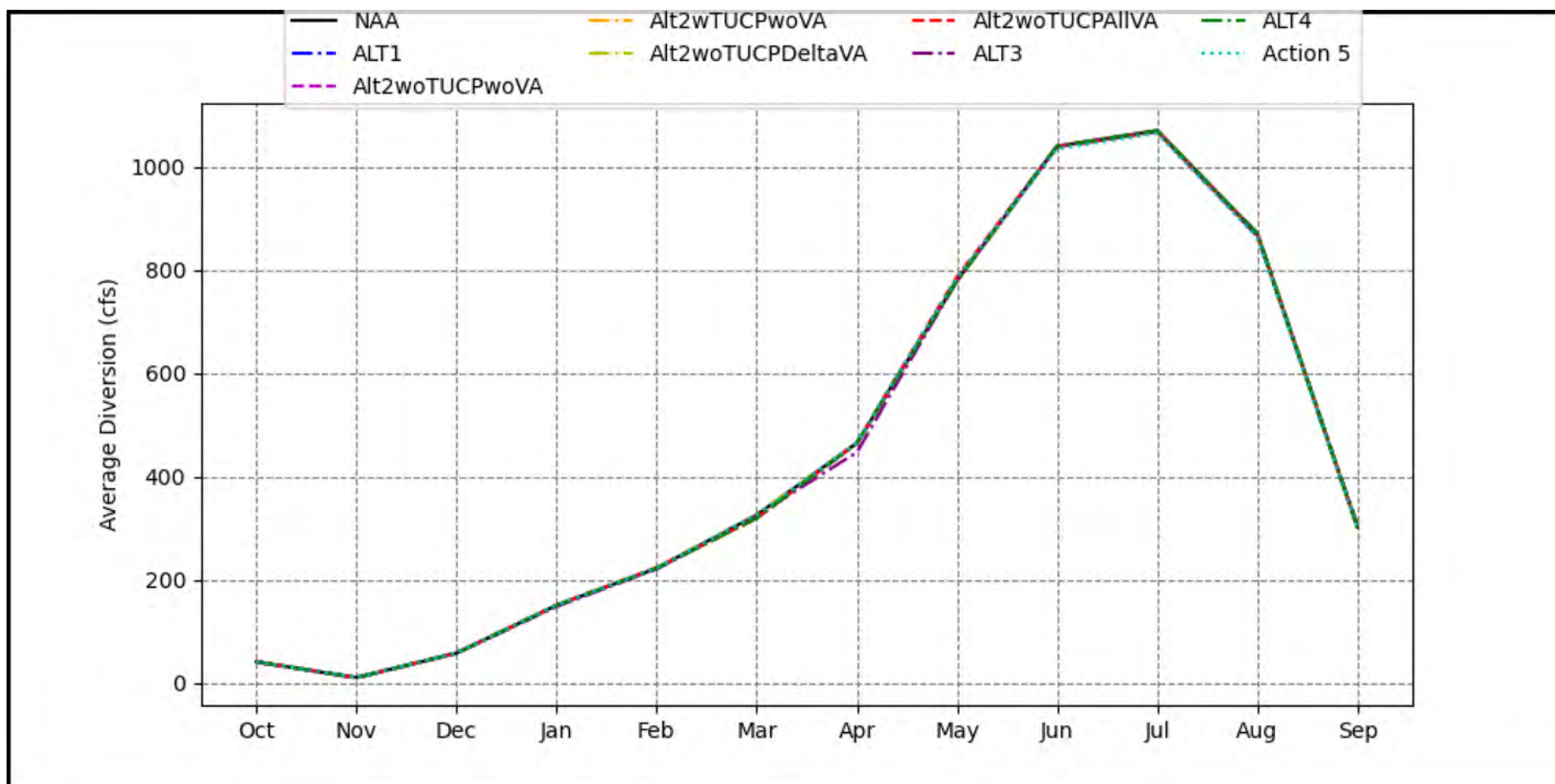


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-8-13 Madera Canal Diversion, Long Term Average Diversion (cfs)

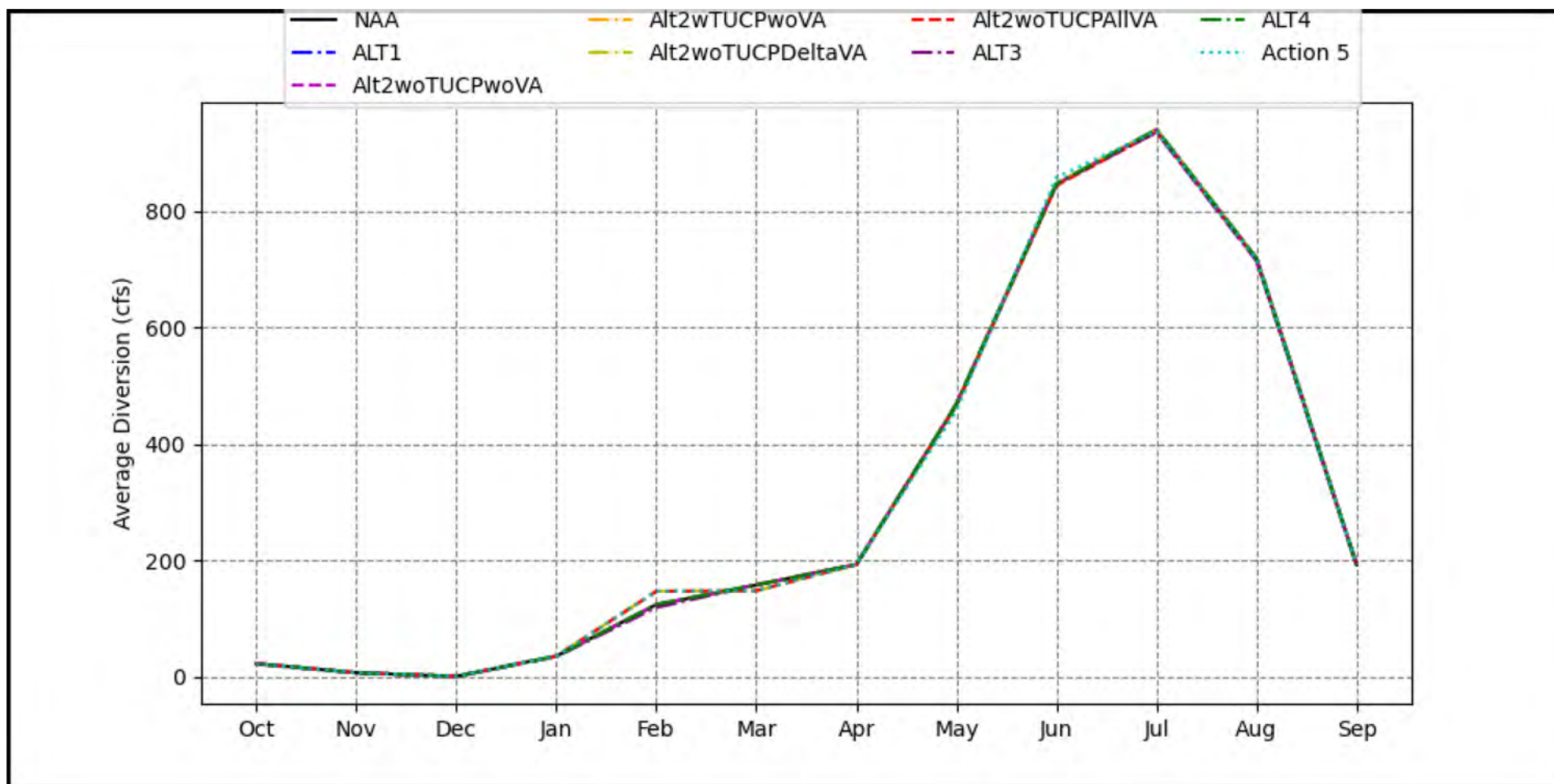


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-8-14 Madera Canal Diversion, Wet Year Average Diversion (cfs)

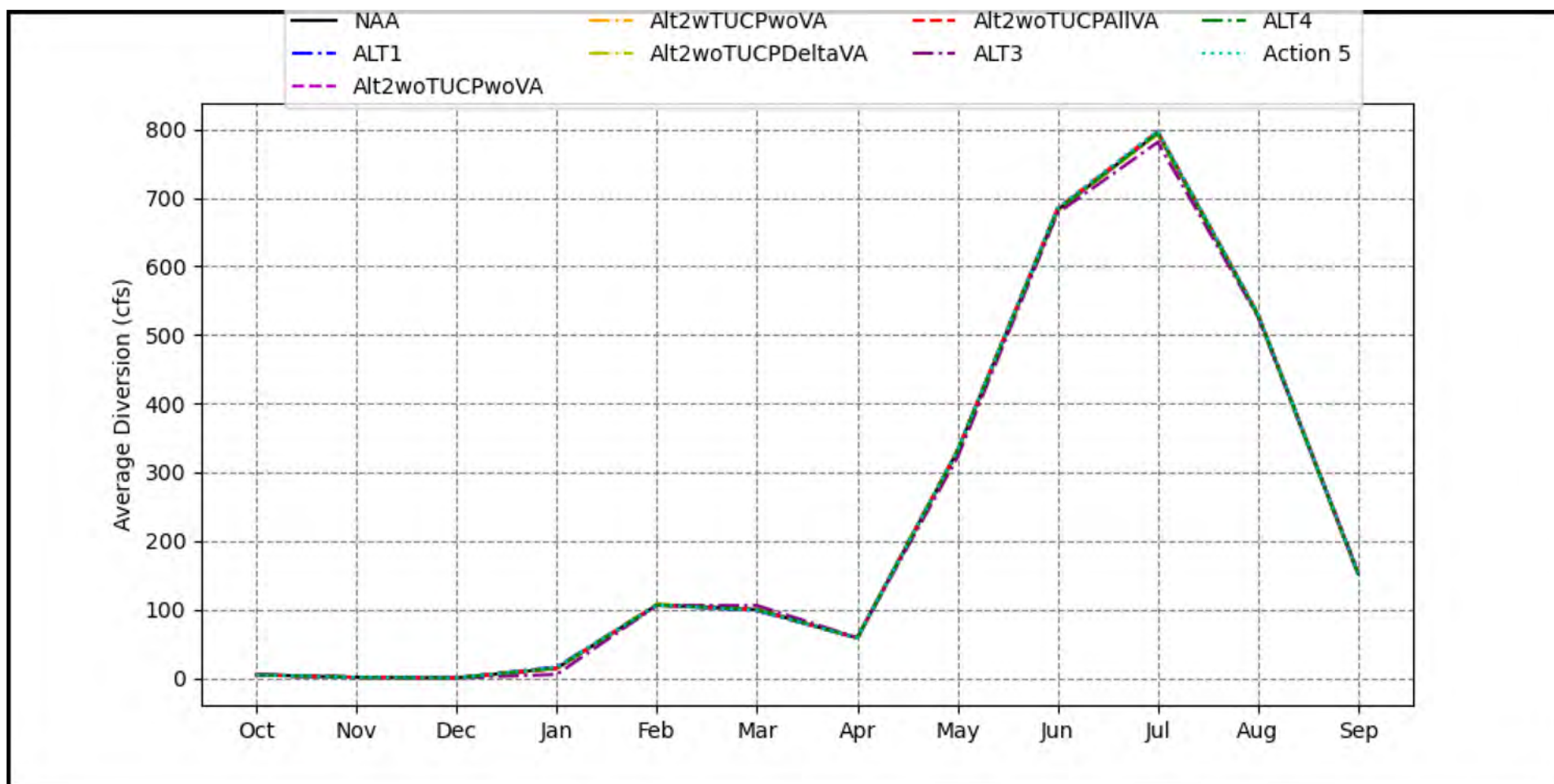


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-8-15 Madera Canal Diversion, Above Normal Year Average Diversion (cfs)

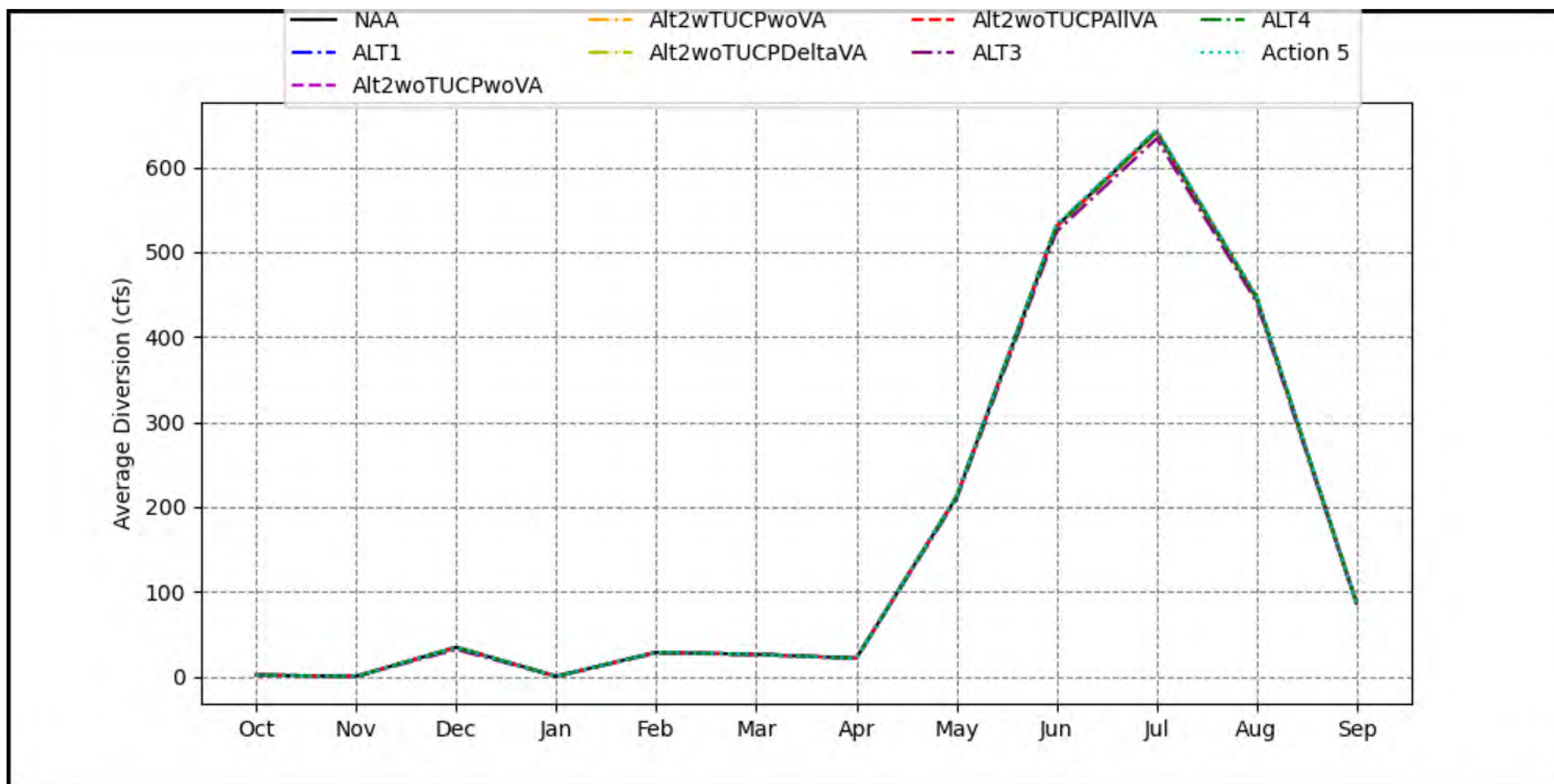


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-8-16 Madera Canal Diversion, Below Normal Year Average Diversion (cfs)

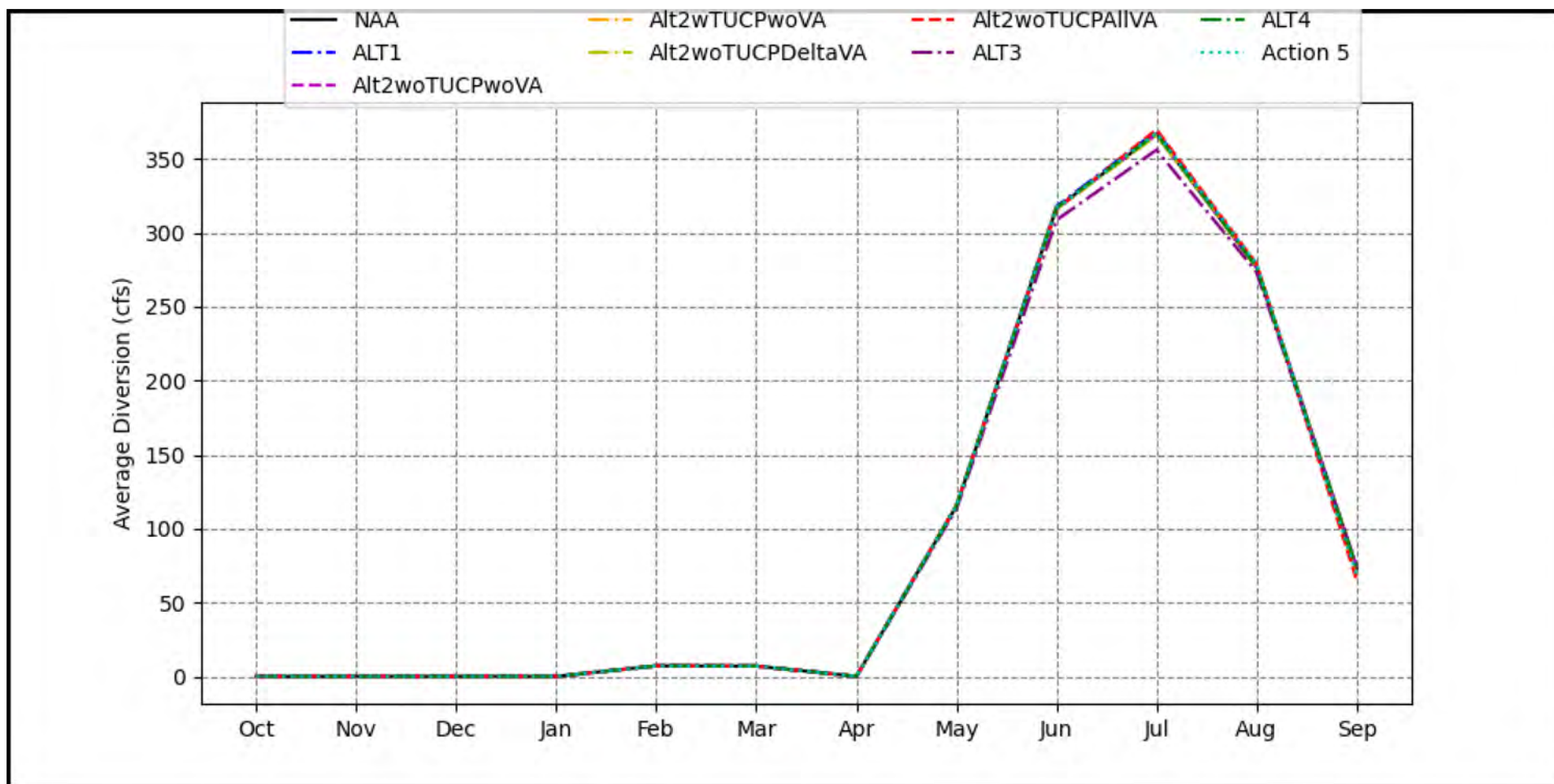


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-8-17 Madera Canal Diversion, Dry Year Average Diversion (cfs)



*As defined by the 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 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-8-18 Madera Canal Diversion, Critical Year Average Diversion (cfs)

F.2.3-9 DCC Flow

Table F.2.3-9-1 a. DCC Flow, NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,784	1,886	0	0	0	0	0	0	2,681	4,748	3,842	4,107
20% Exceedance	2,626	1,847	0	0	0	0	0	0	2,555	4,521	3,688	3,918
30% Exceedance	2,451	1,765	0	0	0	0	0	0	2,503	4,306	3,567	3,379
40% Exceedance	2,221	1,670	0	0	0	0	0	0	2,435	3,937	3,462	3,050
50% Exceedance	2,005	1,490	0	0	0	0	0	0	2,383	3,668	3,246	2,419
60% Exceedance	1,778	1,344	0	0	0	0	0	0	2,295	3,434	2,723	2,213
70% Exceedance	0	1,081	0	0	0	0	0	0	2,142	3,138	2,314	2,120
80% Exceedance	0	0	0	0	0	0	0	0	2,000	2,728	2,027	1,987
90% Exceedance	0	0	0	0	0	0	0	0	1,377	1,749	1,790	1,768
Full Simulation Period Average ^a	1,537	1,236	0	0	0	0	0	0	2,280	3,541	2,928	2,790
Wet Years (27.7%)	2,216	1,453	0	0	0	0	0	0	2,349	4,018	3,563	3,713
Above Normal Years (13.9%)	2,420	1,648	0	0	0	0	0	0	2,557	4,182	3,794	3,625
Below Normal Years (17.8%)	1,681	1,289	0	0	0	0	0	0	2,392	4,113	3,171	2,443
Dry Years (23.8%)	788	880	0	0	0	0	0	0	2,425	3,283	2,304	2,152
Critical Years (15.8%)	355	915	0	0	0	0	0	0	1,575	1,890	1,723	1,790

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-1 b. DCC Flow, ALT1, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3,097	2,133	2,078	1,411	0	0	0	0	3,258	4,261	3,463	3,564
20% Exceedance	2,928	1,877	1,690	1,034	0	0	0	0	3,098	4,100	3,364	3,293
30% Exceedance	2,658	1,697	1,539	908	0	0	0	0	2,869	4,000	3,266	3,000
40% Exceedance	2,445	1,568	1,233	775	0	0	0	0	2,705	3,773	3,221	2,843
50% Exceedance	2,184	1,483	1,052	0	0	0	0	0	2,497	3,621	3,077	2,358
60% Exceedance	1,991	1,308	963	0	0	0	0	0	2,400	3,377	2,438	2,098
70% Exceedance	1,793	0	0	0	0	0	0	0	2,275	3,090	2,108	1,979
80% Exceedance	0	0	0	0	0	0	0	0	2,073	2,781	1,965	1,874
90% Exceedance	0	0	0	0	0	0	0	0	1,725	2,225	1,757	1,751
Full Simulation Period Average ^a	1,888	1,178	984	519	0	0	0	0	2,527	3,440	2,735	2,500
Wet Years (27.7%)	2,952	1,521	1,017	42	0	0	0	0	2,597	3,803	3,226	3,078
Above Normal Years (13.9%)	2,710	1,490	1,021	281	0	0	0	0	3,012	4,185	3,387	3,111
Below Normal Years (17.8%)	1,851	1,434	711	507	0	0	0	0	2,816	3,756	3,008	2,627
Dry Years (23.8%)	1,131	800	919	1,006	0	0	0	0	2,446	3,194	2,249	2,010
Critical Years (15.8%)	342	525	1,239	845	0	0	0	0	1,775	2,166	1,726	1,549

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-1 c. DCC Flow, ALT1 Minus NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	312	247	2,078	1,411	0	0	0	0	577	-487	-379	-543
20% Exceedance	302	29	1,690	1,034	0	0	0	0	543	-421	-324	-624
30% Exceedance	207	-68	1,539	908	0	0	0	0	366	-306	-301	-379
40% Exceedance	225	-103	1,233	775	0	0	0	0	270	-164	-241	-207
50% Exceedance	179	-8	1,052	0	0	0	0	0	114	-47	-169	-60
60% Exceedance	213	-36	963	0	0	0	0	0	105	-58	-284	-115
70% Exceedance	1,793	-1,081	0	0	0	0	0	0	133	-48	-206	-140
80% Exceedance	0	0	0	0	0	0	0	0	73	53	-62	-112
90% Exceedance	0	0	0	0	0	0	0	0	348	476	-33	-17
Full Simulation Period Average ^a	351	-58	984	519	0	0	0	0	246	-101	-194	-289
Wet Years (27.7%)	736	67	1,017	42	0	0	0	0	248	-215	-337	-635
Above Normal Years (13.9%)	289	-158	1,021	281	0	0	0	0	454	4	-408	-515
Below Normal Years (17.8%)	170	145	711	507	0	0	0	0	424	-357	-163	185
Dry Years (23.8%)	343	-80	919	1,006	0	0	0	0	22	-88	-55	-142
Critical Years (15.8%)	-14	-389	1,239	845	0	0	0	0	200	276	3	-242

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-2 a. DCC Flow, NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,784	1,886	0	0	0	0	0	0	2,681	4,748	3,842	4,107
20% Exceedance	2,626	1,847	0	0	0	0	0	0	2,555	4,521	3,688	3,918
30% Exceedance	2,451	1,765	0	0	0	0	0	0	2,503	4,306	3,567	3,379
40% Exceedance	2,221	1,670	0	0	0	0	0	0	2,435	3,937	3,462	3,050
50% Exceedance	2,005	1,490	0	0	0	0	0	0	2,383	3,668	3,246	2,419
60% Exceedance	1,778	1,344	0	0	0	0	0	0	2,295	3,434	2,723	2,213
70% Exceedance	0	1,081	0	0	0	0	0	0	2,142	3,138	2,314	2,120
80% Exceedance	0	0	0	0	0	0	0	0	2,000	2,728	2,027	1,987
90% Exceedance	0	0	0	0	0	0	0	0	1,377	1,749	1,790	1,768
Full Simulation Period Average^a	1,537	1,236	0	0	0	0	0	0	2,280	3,541	2,928	2,790
Wet Years (27.7%)	2,216	1,453	0	0	0	0	0	0	2,349	4,018	3,563	3,713
Above Normal Years (13.9%)	2,420	1,648	0	0	0	0	0	0	2,557	4,182	3,794	3,625
Below Normal Years (17.8%)	1,681	1,289	0	0	0	0	0	0	2,392	4,113	3,171	2,443
Dry Years (23.8%)	788	880	0	0	0	0	0	0	2,425	3,283	2,304	2,152
Critical Years (15.8%)	355	915	0	0	0	0	0	0	1,575	1,890	1,723	1,790

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-2 b. DCC Flow, Alt2woTUCPwoVA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,843	1,939	0	0	0	0	0	0	2,744	4,555	3,854	4,212
20% Exceedance	2,632	1,839	0	0	0	0	0	0	2,545	4,382	3,639	3,762
30% Exceedance	2,359	1,765	0	0	0	0	0	0	2,437	4,208	3,559	3,410
40% Exceedance	2,183	1,671	0	0	0	0	0	0	2,388	3,830	3,451	3,144
50% Exceedance	1,997	1,450	0	0	0	0	0	0	2,326	3,710	3,228	2,441
60% Exceedance	1,763	1,292	0	0	0	0	0	0	2,288	3,371	2,628	2,223
70% Exceedance	0	1,065	0	0	0	0	0	0	2,209	3,002	2,164	2,089
80% Exceedance	0	386	0	0	0	0	0	0	2,033	2,547	1,911	1,983
90% Exceedance	0	0	0	0	0	0	0	0	1,706	2,136	1,725	1,779
Full Simulation Period Average^a	1,517	1,242	0	0	0	0	0	0	2,293	3,486	2,895	2,796
Wet Years (27.7%)	2,185	1,453	0	0	0	0	0	0	2,380	3,938	3,522	3,727
Above Normal Years (13.9%)	2,676	1,652	0	0	0	0	0	0	2,567	4,070	3,770	3,770
Below Normal Years (17.8%)	1,544	1,271	0	0	0	0	0	0	2,391	3,989	3,157	2,468
Dry Years (23.8%)	781	855	0	0	0	0	0	0	2,340	3,166	2,263	2,141
Critical Years (15.8%)	217	1,010	0	0	0	0	0	0	1,721	2,097	1,686	1,665

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-2 c. DCC Flow, Alt2woTUCPwoVA Minus NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	59	53	0	0	0	0	0	0	63	-193	12	105
20% Exceedance	6	-8	0	0	0	0	0	0	-10	-138	-49	-155
30% Exceedance	-92	0	0	0	0	0	0	0	-66	-98	-8	32
40% Exceedance	-38	0	0	0	0	0	0	0	-47	-108	-11	94
50% Exceedance	-8	-40	0	0	0	0	0	0	-56	42	-19	22
60% Exceedance	-15	-53	0	0	0	0	0	0	-8	-63	-94	10
70% Exceedance	0	-16	0	0	0	0	0	0	67	-136	-150	-31
80% Exceedance	0	386	0	0	0	0	0	0	34	-180	-115	-3
90% Exceedance	0	0	0	0	0	0	0	0	330	387	-65	11
Full Simulation Period Average^a	-20	6	0	0	0	0	0	0	13	-55	-33	6
Wet Years (27.7%)	-31	-1	0	0	0	0	0	0	30	-80	-41	13
Above Normal Years (13.9%)	255	4	0	0	0	0	0	0	10	-111	-24	145
Below Normal Years (17.8%)	-137	-18	0	0	0	0	0	0	-1	-123	-15	25
Dry Years (23.8%)	-7	-24	0	0	0	0	0	0	-85	-116	-41	-10
Critical Years (15.8%)	-138	96	0	0	0	0	0	0	146	207	-37	-125

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-3 a. DCC Flow, NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,784	1,886	0	0	0	0	0	0	2,681	4,748	3,842	4,107
20% Exceedance	2,626	1,847	0	0	0	0	0	0	2,555	4,521	3,688	3,918
30% Exceedance	2,451	1,765	0	0	0	0	0	0	2,503	4,306	3,567	3,379
40% Exceedance	2,221	1,670	0	0	0	0	0	0	2,435	3,937	3,462	3,050
50% Exceedance	2,005	1,490	0	0	0	0	0	0	2,383	3,668	3,246	2,419
60% Exceedance	1,778	1,344	0	0	0	0	0	0	2,295	3,434	2,723	2,213
70% Exceedance	0	1,081	0	0	0	0	0	0	2,142	3,138	2,314	2,120
80% Exceedance	0	0	0	0	0	0	0	0	2,000	2,728	2,027	1,987
90% Exceedance	0	0	0	0	0	0	0	0	1,377	1,749	1,790	1,768
Full Simulation Period Average^a	1,537	1,236	0	0	0	0	0	0	2,280	3,541	2,928	2,790
Wet Years (27.7%)	2,216	1,453	0	0	0	0	0	0	2,349	4,018	3,563	3,713
Above Normal Years (13.9%)	2,420	1,648	0	0	0	0	0	0	2,557	4,182	3,794	3,625
Below Normal Years (17.8%)	1,681	1,289	0	0	0	0	0	0	2,392	4,113	3,171	2,443
Dry Years (23.8%)	788	880	0	0	0	0	0	0	2,425	3,283	2,304	2,152
Critical Years (15.8%)	355	915	0	0	0	0	0	0	1,575	1,890	1,723	1,790

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-3 b. DCC Flow, Alt2wTUCPwoVA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,844	1,938	0	0	0	0	0	0	2,744	4,556	3,850	4,212
20% Exceedance	2,633	1,840	0	0	0	0	0	0	2,545	4,391	3,683	3,762
30% Exceedance	2,341	1,765	0	0	0	0	0	0	2,437	4,249	3,559	3,422
40% Exceedance	2,165	1,669	0	0	0	0	0	0	2,388	3,835	3,450	3,155
50% Exceedance	1,998	1,463	0	0	0	0	0	0	2,326	3,710	3,246	2,472
60% Exceedance	1,766	1,329	0	0	0	0	0	0	2,288	3,380	2,753	2,225
70% Exceedance	0	1,133	0	0	0	0	0	0	2,205	3,087	2,280	2,110
80% Exceedance	0	0	0	0	0	0	0	0	1,998	2,560	1,918	1,971
90% Exceedance	0	0	0	0	0	0	0	0	1,432	1,739	1,681	1,804
Full Simulation Period Average^a	1,532	1,232	0	0	0	0	0	0	2,272	3,461	2,910	2,820
Wet Years (27.7%)	2,186	1,452	0	0	0	0	0	0	2,380	3,938	3,522	3,729
Above Normal Years (13.9%)	2,500	1,648	0	0	0	0	0	0	2,567	4,070	3,782	3,778
Below Normal Years (17.8%)	1,656	1,267	0	0	0	0	0	0	2,393	4,046	3,240	2,492
Dry Years (23.8%)	782	852	0	0	0	0	0	0	2,340	3,179	2,269	2,143
Critical Years (15.8%)	343	961	0	0	0	0	0	0	1,587	1,857	1,669	1,777

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-3 c. DCC Flow, Alt2wTUCPwoVA Minus NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	59	52	0	0	0	0	0	0	63	-192	8	105
20% Exceedance	7	-8	0	0	0	0	0	0	-11	-129	-5	-156
30% Exceedance	-110	0	0	0	0	0	0	0	-66	-57	-8	44
40% Exceedance	-56	-1	0	0	0	0	0	0	-47	-102	-11	105
50% Exceedance	-8	-28	0	0	0	0	0	0	-56	42	0	53
60% Exceedance	-12	-16	0	0	0	0	0	0	-8	-54	30	12
70% Exceedance	0	52	0	0	0	0	0	0	63	-51	-35	-10
80% Exceedance	0	0	0	0	0	0	0	0	-1	-168	-109	-16
90% Exceedance	0	0	0	0	0	0	0	0	55	-10	-109	36
Full Simulation Period Average^a	-5	-4	0	0	0	0	0	0	-8	-80	-18	30
Wet Years (27.7%)	-31	-1	0	0	0	0	0	0	31	-80	-41	15
Above Normal Years (13.9%)	79	0	0	0	0	0	0	0	10	-112	-12	153
Below Normal Years (17.8%)	-25	-22	0	0	0	0	0	0	1	-67	69	50
Dry Years (23.8%)	-6	-28	0	0	0	0	0	0	-85	-104	-35	-9
Critical Years (15.8%)	-13	46	0	0	0	0	0	0	12	-33	-55	-13

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-4 a. DCC Flow, NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,784	1,886	0	0	0	0	0	0	2,681	4,748	3,842	4,107
20% Exceedance	2,626	1,847	0	0	0	0	0	0	2,555	4,521	3,688	3,918
30% Exceedance	2,451	1,765	0	0	0	0	0	0	2,503	4,306	3,567	3,379
40% Exceedance	2,221	1,670	0	0	0	0	0	0	2,435	3,937	3,462	3,050
50% Exceedance	2,005	1,490	0	0	0	0	0	0	2,383	3,668	3,246	2,419
60% Exceedance	1,778	1,344	0	0	0	0	0	0	2,295	3,434	2,723	2,213
70% Exceedance	0	1,081	0	0	0	0	0	0	2,142	3,138	2,314	2,120
80% Exceedance	0	0	0	0	0	0	0	0	2,000	2,728	2,027	1,987
90% Exceedance	0	0	0	0	0	0	0	0	1,377	1,749	1,790	1,768
Full Simulation Period Average^a	1,537	1,236	0	0	0	0	0	0	2,280	3,541	2,928	2,790
Wet Years (27.7%)	2,216	1,453	0	0	0	0	0	0	2,349	4,018	3,563	3,713
Above Normal Years (13.9%)	2,420	1,648	0	0	0	0	0	0	2,557	4,182	3,794	3,625
Below Normal Years (17.8%)	1,681	1,289	0	0	0	0	0	0	2,392	4,113	3,171	2,443
Dry Years (23.8%)	788	880	0	0	0	0	0	0	2,425	3,283	2,304	2,152
Critical Years (15.8%)	355	915	0	0	0	0	0	0	1,575	1,890	1,723	1,790

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-4 b. DCC Flow, Alt2woTUCPDeltaVA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,843	1,940	0	0	0	0	0	0	2,646	4,563	3,821	4,263
20% Exceedance	2,647	1,868	0	0	0	0	0	0	2,527	4,405	3,691	3,826
30% Exceedance	2,505	1,803	0	0	0	0	0	0	2,429	4,224	3,549	3,482
40% Exceedance	2,244	1,713	0	0	0	0	0	0	2,387	3,884	3,454	3,083
50% Exceedance	1,996	1,466	0	0	0	0	0	0	2,322	3,642	3,225	2,473
60% Exceedance	1,715	1,320	0	0	0	0	0	0	2,273	3,367	2,913	2,200
70% Exceedance	0	1,120	0	0	0	0	0	0	2,183	3,103	2,313	2,081
80% Exceedance	0	367	0	0	0	0	0	0	2,041	2,678	2,036	1,973
90% Exceedance	0	0	0	0	0	0	0	0	1,674	2,166	1,784	1,770
Full Simulation Period Average^a	1,526	1,266	0	0	0	0	0	0	2,286	3,538	2,954	2,812
Wet Years (27.7%)	2,186	1,476	0	0	0	0	0	0	2,374	3,950	3,521	3,756
Above Normal Years (13.9%)	2,668	1,681	0	0	0	0	0	0	2,529	4,113	3,763	3,846
Below Normal Years (17.8%)	1,592	1,295	0	0	0	0	0	0	2,405	3,994	3,283	2,448
Dry Years (23.8%)	785	865	0	0	0	0	0	0	2,320	3,258	2,383	2,135
Critical Years (15.8%)	223	1,052	0	0	0	0	0	0	1,735	2,223	1,739	1,683

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-4 c. DCC Flow, Alt2woTUCPDeltaVA Minus NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	59	54	0	0	0	0	0	0	-36	-185	-21	155
20% Exceedance	21	21	0	0	0	0	0	0	-28	-116	2	-91
30% Exceedance	54	38	0	0	0	0	0	0	-74	-82	-18	103
40% Exceedance	23	42	0	0	0	0	0	0	-48	-53	-8	33
50% Exceedance	-9	-24	0	0	0	0	0	0	-61	-26	-21	55
60% Exceedance	-63	-24	0	0	0	0	0	0	-23	-67	190	-14
70% Exceedance	0	39	0	0	0	0	0	0	41	-36	-1	-39
80% Exceedance	0	367	0	0	0	0	0	0	41	-50	9	-14
90% Exceedance	0	0	0	0	0	0	0	0	298	417	-6	2
Full Simulation Period Average^a	-11	29	0	0	0	0	0	0	6	-3	25	23
Wet Years (27.7%)	-30	22	0	0	0	0	0	0	25	-68	-42	42
Above Normal Years (13.9%)	247	33	0	0	0	0	0	0	-28	-69	-32	220
Below Normal Years (17.8%)	-90	7	0	0	0	0	0	0	13	-119	111	5
Dry Years (23.8%)	-4	-15	0	0	0	0	0	0	-104	-24	79	-17
Critical Years (15.8%)	-132	138	0	0	0	0	0	0	159	332	16	-107

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-5 a. DCC Flow, NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,784	1,886	0	0	0	0	0	0	2,681	4,748	3,842	4,107
20% Exceedance	2,626	1,847	0	0	0	0	0	0	2,555	4,521	3,688	3,918
30% Exceedance	2,451	1,765	0	0	0	0	0	0	2,503	4,306	3,567	3,379
40% Exceedance	2,221	1,670	0	0	0	0	0	0	2,435	3,937	3,462	3,050
50% Exceedance	2,005	1,490	0	0	0	0	0	0	2,383	3,668	3,246	2,419
60% Exceedance	1,778	1,344	0	0	0	0	0	0	2,295	3,434	2,723	2,213
70% Exceedance	0	1,081	0	0	0	0	0	0	2,142	3,138	2,314	2,120
80% Exceedance	0	0	0	0	0	0	0	0	2,000	2,728	2,027	1,987
90% Exceedance	0	0	0	0	0	0	0	0	1,377	1,749	1,790	1,768
Full Simulation Period Average^a	1,537	1,236	0	0	0	0	0	0	2,280	3,541	2,928	2,790
Wet Years (27.7%)	2,216	1,453	0	0	0	0	0	0	2,349	4,018	3,563	3,713
Above Normal Years (13.9%)	2,420	1,648	0	0	0	0	0	0	2,557	4,182	3,794	3,625
Below Normal Years (17.8%)	1,681	1,289	0	0	0	0	0	0	2,392	4,113	3,171	2,443
Dry Years (23.8%)	788	880	0	0	0	0	0	0	2,425	3,283	2,304	2,152
Critical Years (15.8%)	355	915	0	0	0	0	0	0	1,575	1,890	1,723	1,790

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-5 b. DCC Flow, Alt2woTUCPAIIVA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,824	1,988	0	0	0	0	0	0	2,636	4,618	3,828	4,270
20% Exceedance	2,670	1,866	0	0	0	0	0	0	2,472	4,465	3,672	3,746
30% Exceedance	2,541	1,800	0	0	0	0	0	0	2,410	4,216	3,534	3,433
40% Exceedance	2,249	1,688	0	0	0	0	0	0	2,336	3,955	3,464	3,174
50% Exceedance	2,014	1,432	0	0	0	0	0	0	2,314	3,670	3,253	2,461
60% Exceedance	1,649	1,325	0	0	0	0	0	0	2,254	3,322	2,901	2,214
70% Exceedance	0	1,063	0	0	0	0	0	0	2,142	3,101	2,275	2,080
80% Exceedance	0	650	0	0	0	0	0	0	2,018	2,646	2,071	1,973
90% Exceedance	0	0	0	0	0	0	0	0	1,678	2,165	1,761	1,784
Full Simulation Period Average^a	1,529	1,268	0	0	0	0	0	0	2,259	3,533	2,957	2,806
Wet Years (27.7%)	2,195	1,476	0	0	0	0	0	0	2,369	3,956	3,528	3,739
Above Normal Years (13.9%)	2,678	1,680	0	0	0	0	0	0	2,480	4,132	3,757	3,792
Below Normal Years (17.8%)	1,498	1,286	0	0	0	0	0	0	2,337	4,008	3,276	2,488
Dry Years (23.8%)	787	899	0	0	0	0	0	0	2,298	3,208	2,383	2,133
Critical Years (15.8%)	325	1,029	0	0	0	0	0	0	1,727	2,222	1,760	1,674

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-5 c. DCC Flow, Alt2woTUCPAIIVA Minus NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	40	102	0	0	0	0	0	0	-45	-130	-14	163
20% Exceedance	44	18	0	0	0	0	0	0	-83	-55	-16	-172
30% Exceedance	90	35	0	0	0	0	0	0	-93	-90	-32	54
40% Exceedance	28	18	0	0	0	0	0	0	-98	18	3	124
50% Exceedance	8	-58	0	0	0	0	0	0	-68	2	7	42
60% Exceedance	-129	-19	0	0	0	0	0	0	-42	-112	178	1
70% Exceedance	0	-18	0	0	0	0	0	0	-1	-37	-39	-40
80% Exceedance	0	650	0	0	0	0	0	0	18	-82	44	-14
90% Exceedance	0	0	0	0	0	0	0	0	301	415	-29	16
Full Simulation Period Average^a	-8	32	0	0	0	0	0	0	-21	-8	29	16
Wet Years (27.7%)	-21	22	0	0	0	0	0	0	20	-62	-35	26
Above Normal Years (13.9%)	257	32	0	0	0	0	0	0	-78	-49	-37	166
Below Normal Years (17.8%)	-183	-3	0	0	0	0	0	0	-55	-104	105	46
Dry Years (23.8%)	-1	19	0	0	0	0	0	0	-126	-75	79	-18
Critical Years (15.8%)	-30	114	0	0	0	0	0	0	151	332	37	-116

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-6 a. DCC Flow, NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,784	1,886	0	0	0	0	0	0	2,681	4,748	3,842	4,107
20% Exceedance	2,626	1,847	0	0	0	0	0	0	2,555	4,521	3,688	3,918
30% Exceedance	2,451	1,765	0	0	0	0	0	0	2,503	4,306	3,567	3,379
40% Exceedance	2,221	1,670	0	0	0	0	0	0	2,435	3,937	3,462	3,050
50% Exceedance	2,005	1,490	0	0	0	0	0	0	2,383	3,668	3,246	2,419
60% Exceedance	1,778	1,344	0	0	0	0	0	0	2,295	3,434	2,723	2,213
70% Exceedance	0	1,081	0	0	0	0	0	0	2,142	3,138	2,314	2,120
80% Exceedance	0	0	0	0	0	0	0	0	2,000	2,728	2,027	1,987
90% Exceedance	0	0	0	0	0	0	0	0	1,377	1,749	1,790	1,768
Full Simulation Period Average^a	1,537	1,236	0	0	0	0	0	0	2,280	3,541	2,928	2,790
Wet Years (27.7%)	2,216	1,453	0	0	0	0	0	0	2,349	4,018	3,563	3,713
Above Normal Years (13.9%)	2,420	1,648	0	0	0	0	0	0	2,557	4,182	3,794	3,625
Below Normal Years (17.8%)	1,681	1,289	0	0	0	0	0	0	2,392	4,113	3,171	2,443
Dry Years (23.8%)	788	880	0	0	0	0	0	0	2,425	3,283	2,304	2,152
Critical Years (15.8%)	355	915	0	0	0	0	0	0	1,575	1,890	1,723	1,790

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-6 b. DCC Flow, ALT3, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,660	1,809	0	0	0	0	0	0	2,173	2,972	2,881	3,250
20% Exceedance	2,416	1,706	0	0	0	0	0	0	2,021	2,863	2,755	3,133
30% Exceedance	2,206	1,597	0	0	0	0	0	0	1,950	2,788	2,700	2,966
40% Exceedance	2,089	1,484	0	0	0	0	0	0	1,908	2,720	2,647	2,686
50% Exceedance	1,780	1,374	0	0	0	0	0	0	1,871	2,639	2,576	2,485
60% Exceedance	0	1,186	0	0	0	0	0	0	1,761	2,552	2,483	2,322
70% Exceedance	0	823	0	0	0	0	0	0	1,658	2,403	2,354	2,162
80% Exceedance	0	0	0	0	0	0	0	0	1,537	2,216	2,086	1,957
90% Exceedance	0	0	0	0	0	0	0	0	1,414	2,085	2,007	1,751
Full Simulation Period Average^a	1,256	1,083	0	0	0	0	0	0	1,861	2,611	2,499	2,522
Wet Years (27.7%)	2,011	1,317	0	0	0	0	0	0	1,974	2,927	2,485	3,024
Above Normal Years (13.9%)	1,917	1,391	0	0	0	0	0	0	1,703	2,604	2,613	3,077
Below Normal Years (17.8%)	1,075	1,160	0	0	0	0	0	0	1,766	2,491	2,620	2,454
Dry Years (23.8%)	700	694	0	0	0	0	0	0	1,965	2,667	2,700	2,201
Critical Years (15.8%)	233	861	0	0	0	0	0	0	1,755	2,112	1,983	1,714

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-6 c. DCC Flow, ALT3 Minus NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-124	-77	0	0	0	0	0	0	-508	-1,776	-961	-857
20% Exceedance	-210	-142	0	0	0	0	0	0	-534	-1,658	-933	-784
30% Exceedance	-246	-168	0	0	0	0	0	0	-553	-1,518	-867	-412
40% Exceedance	-132	-186	0	0	0	0	0	0	-527	-1,217	-815	-364
50% Exceedance	-226	-116	0	0	0	0	0	0	-512	-1,029	-670	66
60% Exceedance	-1,778	-158	0	0	0	0	0	0	-535	-882	-240	109
70% Exceedance	0	-258	0	0	0	0	0	0	-484	-735	40	42
80% Exceedance	0	0	0	0	0	0	0	0	-463	-512	59	-30
90% Exceedance	0	0	0	0	0	0	0	0	37	336	217	-17
Full Simulation Period Average^a	-281	-153	0	0	0	0	0	0	-419	-931	-430	-268
Wet Years (27.7%)	-206	-136	0	0	0	0	0	0	-376	-1,091	-1,078	-690
Above Normal Years (13.9%)	-503	-257	0	0	0	0	0	0	-855	-1,578	-1,181	-549
Below Normal Years (17.8%)	-606	-129	0	0	0	0	0	0	-626	-1,622	-551	11
Dry Years (23.8%)	-88	-186	0	0	0	0	0	0	-459	-616	395	50
Critical Years (15.8%)	-122	-54	0	0	0	0	0	0	179	222	260	-76

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-7 a. DCC Flow, NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,784	1,886	0	0	0	0	0	0	2,681	4,748	3,842	4,107
20% Exceedance	2,626	1,847	0	0	0	0	0	0	2,555	4,521	3,688	3,918
30% Exceedance	2,451	1,765	0	0	0	0	0	0	2,503	4,306	3,567	3,379
40% Exceedance	2,221	1,670	0	0	0	0	0	0	2,435	3,937	3,462	3,050
50% Exceedance	2,005	1,490	0	0	0	0	0	0	2,383	3,668	3,246	2,419
60% Exceedance	1,778	1,344	0	0	0	0	0	0	2,295	3,434	2,723	2,213
70% Exceedance	0	1,081	0	0	0	0	0	0	2,142	3,138	2,314	2,120
80% Exceedance	0	0	0	0	0	0	0	0	2,000	2,728	2,027	1,987
90% Exceedance	0	0	0	0	0	0	0	0	1,377	1,749	1,790	1,768
Full Simulation Period Average^a	1,537	1,236	0	0	0	0	0	0	2,280	3,541	2,928	2,790
Wet Years (27.7%)	2,216	1,453	0	0	0	0	0	0	2,349	4,018	3,563	3,713
Above Normal Years (13.9%)	2,420	1,648	0	0	0	0	0	0	2,557	4,182	3,794	3,625
Below Normal Years (17.8%)	1,681	1,289	0	0	0	0	0	0	2,392	4,113	3,171	2,443
Dry Years (23.8%)	788	880	0	0	0	0	0	0	2,425	3,283	2,304	2,152
Critical Years (15.8%)	355	915	0	0	0	0	0	0	1,575	1,890	1,723	1,790

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-7 b. DCC Flow, ALT4, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,553	1,938	0	0	0	0	0	0	2,736	4,591	3,620	3,620
20% Exceedance	2,463	1,837	0	0	0	0	0	0	2,559	4,443	3,547	3,309
30% Exceedance	2,368	1,783	0	0	0	0	0	0	2,440	4,267	3,386	2,865
40% Exceedance	2,183	1,632	0	0	0	0	0	0	2,394	3,935	3,274	2,729
50% Exceedance	1,983	1,445	0	0	0	0	0	0	2,329	3,749	3,182	2,411
60% Exceedance	1,831	1,245	0	0	0	0	0	0	2,285	3,454	2,803	2,247
70% Exceedance	0	1,039	0	0	0	0	0	0	2,215	3,189	2,261	2,086
80% Exceedance	0	0	0	0	0	0	0	0	1,995	2,592	1,970	1,966
90% Exceedance	0	0	0	0	0	0	0	0	1,433	1,775	1,654	1,824
Full Simulation Period Average^a	1,483	1,214	0	0	0	0	0	0	2,273	3,511	2,828	2,589
Wet Years (27.7%)	2,063	1,400	0	0	0	0	0	0	2,382	3,955	3,323	3,192
Above Normal Years (13.9%)	2,371	1,635	0	0	0	0	0	0	2,567	4,103	3,519	3,190
Below Normal Years (17.8%)	1,709	1,225	0	0	0	0	0	0	2,399	4,152	3,281	2,471
Dry Years (23.8%)	858	772	0	0	0	0	0	0	2,342	3,257	2,280	2,160
Critical Years (15.8%)	244	1,130	0	0	0	0	0	0	1,577	1,875	1,670	1,785

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-7 c. DCC Flow, ALT4 Minus NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-231	52	0	0	0	0	0	0	54	-158	-222	-487
20% Exceedance	-163	-11	0	0	0	0	0	0	4	-78	-141	-609
30% Exceedance	-84	18	0	0	0	0	0	0	-63	-39	-181	-513
40% Exceedance	-38	-38	0	0	0	0	0	0	-41	-2	-188	-321
50% Exceedance	-23	-45	0	0	0	0	0	0	-53	81	-64	-8
60% Exceedance	53	-99	0	0	0	0	0	0	-11	20	80	34
70% Exceedance	0	-42	0	0	0	0	0	0	73	51	-53	-34
80% Exceedance	0	0	0	0	0	0	0	0	-4	-136	-57	-21
90% Exceedance	0	0	0	0	0	0	0	0	56	25	-136	56
Full Simulation Period Average^a	-54	-22	0	0	0	0	0	0	-8	-31	-101	-201
Wet Years (27.7%)	-153	-54	0	0	0	0	0	0	33	-64	-240	-521
Above Normal Years (13.9%)	-49	-13	0	0	0	0	0	0	9	-78	-276	-435
Below Normal Years (17.8%)	28	-64	0	0	0	0	0	0	7	39	109	29
Dry Years (23.8%)	70	-108	0	0	0	0	0	0	-83	-26	-24	8
Critical Years (15.8%)	-112	216	0	0	0	0	0	0	2	-16	-53	-5

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-8 a. DCC Flow, NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,784	1,886	0	0	0	0	0	0	2,681	4,748	3,842	4,107
20% Exceedance	2,626	1,847	0	0	0	0	0	0	2,555	4,521	3,688	3,918
30% Exceedance	2,451	1,765	0	0	0	0	0	0	2,503	4,306	3,567	3,379
40% Exceedance	2,221	1,670	0	0	0	0	0	0	2,435	3,937	3,462	3,050
50% Exceedance	2,005	1,490	0	0	0	0	0	0	2,383	3,668	3,246	2,419
60% Exceedance	1,778	1,344	0	0	0	0	0	0	2,295	3,434	2,723	2,213
70% Exceedance	0	1,081	0	0	0	0	0	0	2,142	3,138	2,314	2,120
80% Exceedance	0	0	0	0	0	0	0	0	2,000	2,728	2,027	1,987
90% Exceedance	0	0	0	0	0	0	0	0	1,377	1,749	1,790	1,768
Full Simulation Period Average^a	1,537	1,236	0	0	0	0	0	0	2,280	3,541	2,928	2,790
Wet Years (27.7%)	2,216	1,453	0	0	0	0	0	0	2,349	4,018	3,563	3,713
Above Normal Years (13.9%)	2,420	1,648	0	0	0	0	0	0	2,557	4,182	3,794	3,625
Below Normal Years (17.8%)	1,681	1,289	0	0	0	0	0	0	2,392	4,113	3,171	2,443
Dry Years (23.8%)	788	880	0	0	0	0	0	0	2,425	3,283	2,304	2,152
Critical Years (15.8%)	355	915	0	0	0	0	0	0	1,575	1,890	1,723	1,790

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-8 b. DCC Flow, Action 5, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,707	1,968	0	0	0	0	0	0	2,664	4,657	3,629	3,325
20% Exceedance	2,413	1,844	0	0	0	0	0	0	2,523	4,470	3,532	3,122
30% Exceedance	2,278	1,690	0	0	0	0	0	0	2,420	4,317	3,359	2,938
40% Exceedance	2,093	1,568	0	0	0	0	0	0	2,374	4,002	3,281	2,527
50% Exceedance	2,010	1,494	0	0	0	0	0	0	2,328	3,697	3,185	2,409
60% Exceedance	1,886	1,346	0	0	0	0	0	0	2,272	3,492	2,982	2,260
70% Exceedance	303	1,130	0	0	0	0	0	0	2,139	3,199	2,632	2,149
80% Exceedance	0	716	0	0	0	0	0	0	2,020	2,729	2,146	1,969
90% Exceedance	0	0	0	0	0	0	0	0	1,444	2,106	1,779	1,822
Full Simulation Period Average^a	1,543	1,261	0	0	0	0	0	0	2,247	3,583	2,903	2,523
Wet Years (27.7%)	2,039	1,373	0	0	0	0	0	0	2,385	3,952	3,316	3,049
Above Normal Years (13.9%)	2,402	1,599	0	0	0	0	0	0	2,486	4,448	3,490	2,867
Below Normal Years (17.8%)	1,835	1,385	0	0	0	0	0	0	2,325	4,119	3,367	2,545
Dry Years (23.8%)	950	925	0	0	0	0	0	0	2,358	3,319	2,505	2,185
Critical Years (15.8%)	346	1,099	0	0	0	0	0	0	1,543	1,970	1,739	1,785

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-9-8 c. DCC Flow, Action 5 Minus NAA, Monthly Flow (cfs)

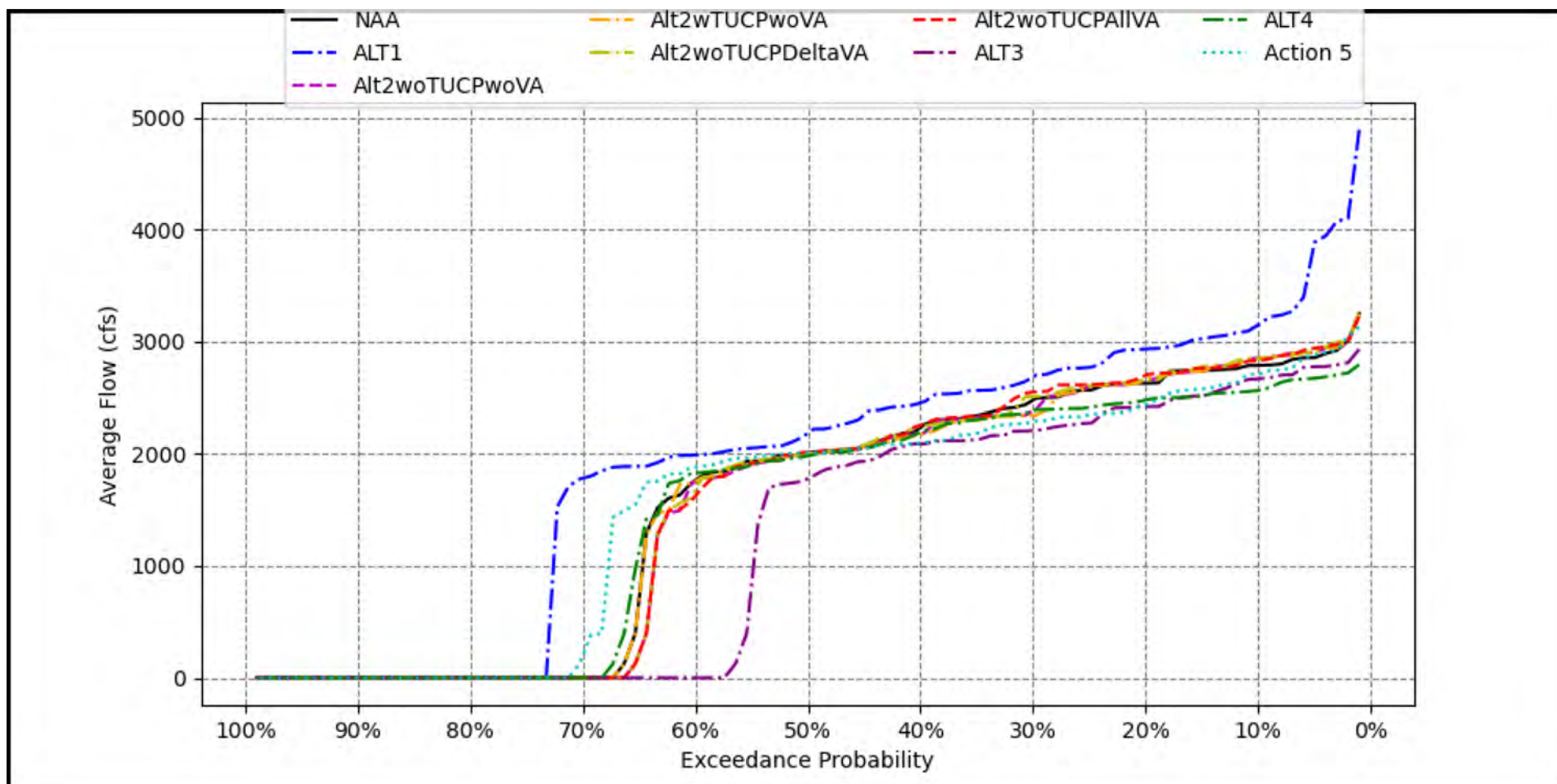
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-78	82	0	0	0	0	0	0	-18	-91	-213	-782
20% Exceedance	-213	-3	0	0	0	0	0	0	-32	-51	-156	-796
30% Exceedance	-174	-74	0	0	0	0	0	0	-83	10	-208	-441
40% Exceedance	-128	-102	0	0	0	0	0	0	-61	65	-181	-523
50% Exceedance	4	3	0	0	0	0	0	0	-55	29	-61	-10
60% Exceedance	109	2	0	0	0	0	0	0	-24	58	259	47
70% Exceedance	303	49	0	0	0	0	0	0	-3	61	317	29
80% Exceedance	0	716	0	0	0	0	0	0	20	1	119	-17
90% Exceedance	0	0	0	0	0	0	0	0	67	356	-11	54
Full Simulation Period Average^a	6	24	0	0	0	0	0	0	-33	41	-26	-267
Wet Years (27.7%)	-177	-80	0	0	0	0	0	0	35	-67	-246	-665
Above Normal Years (13.9%)	-19	-49	0	0	0	0	0	0	-71	267	-304	-758
Below Normal Years (17.8%)	153	96	0	0	0	0	0	0	-67	6	195	102
Dry Years (23.8%)	161	45	0	0	0	0	0	0	-67	37	200	34
Critical Years (15.8%)	-9	184	0	0	0	0	0	0	-32	80	16	-6

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

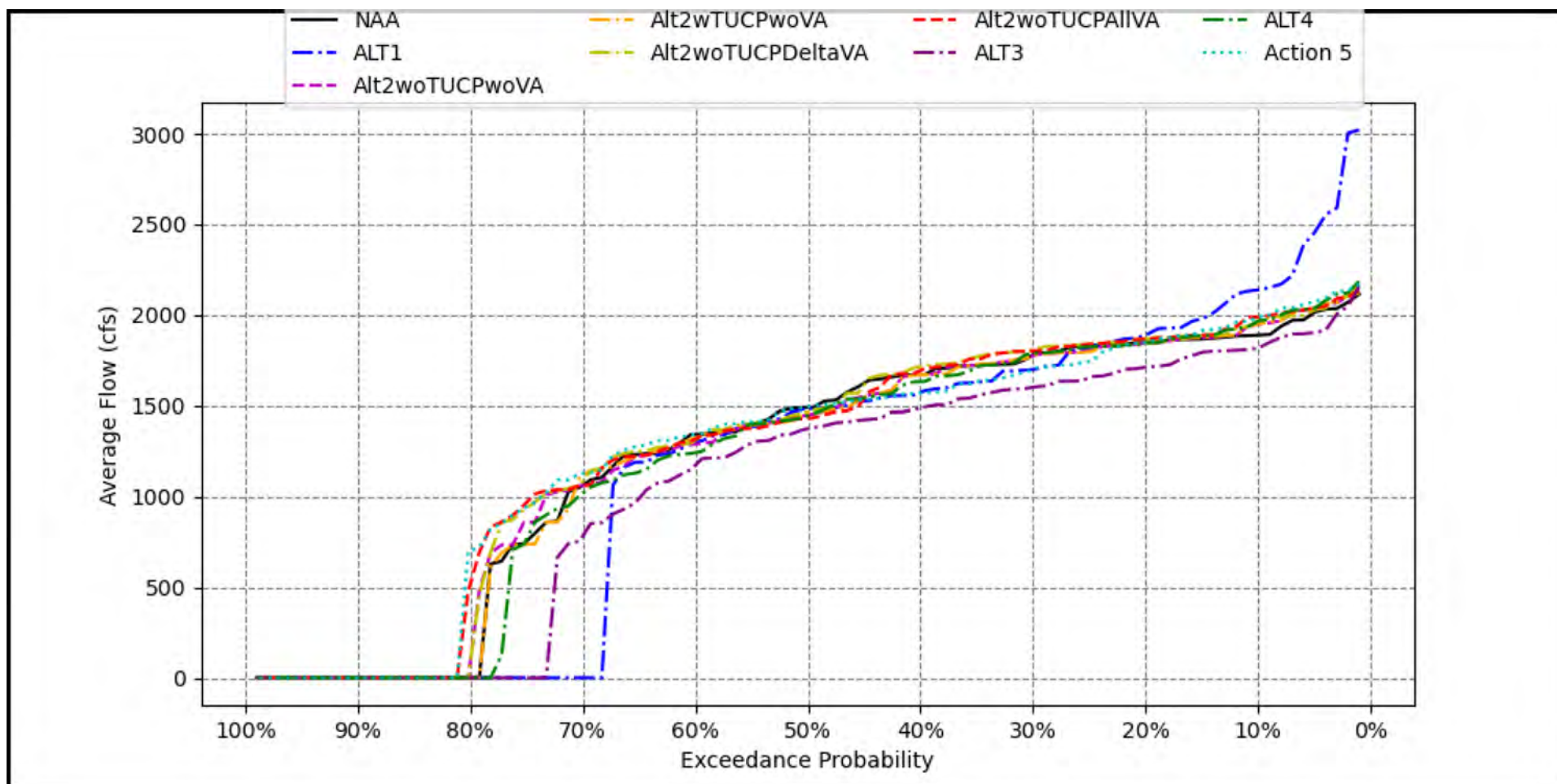
* Water Year Types defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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



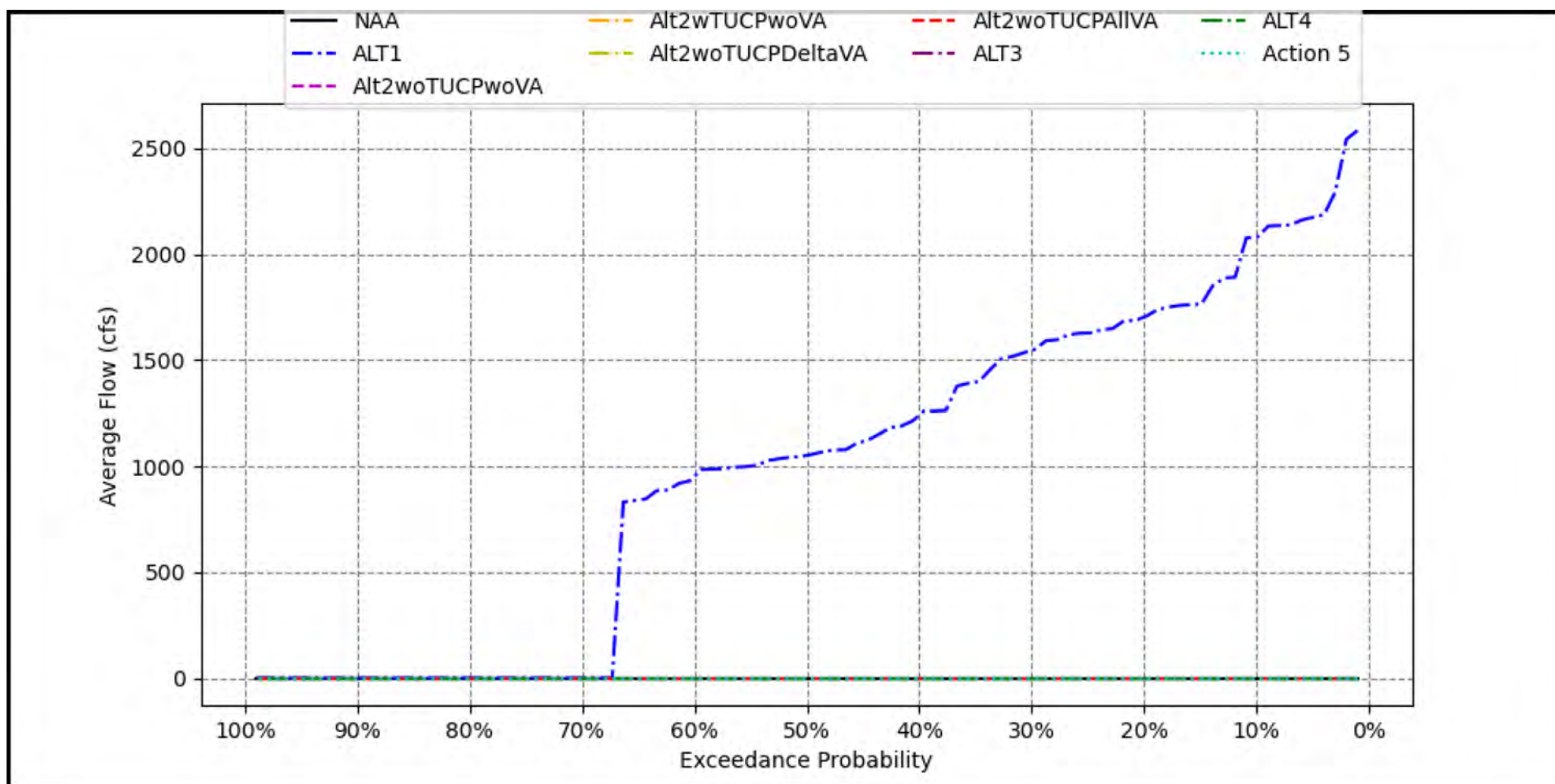
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-9-1 DCC Flow, October Flow



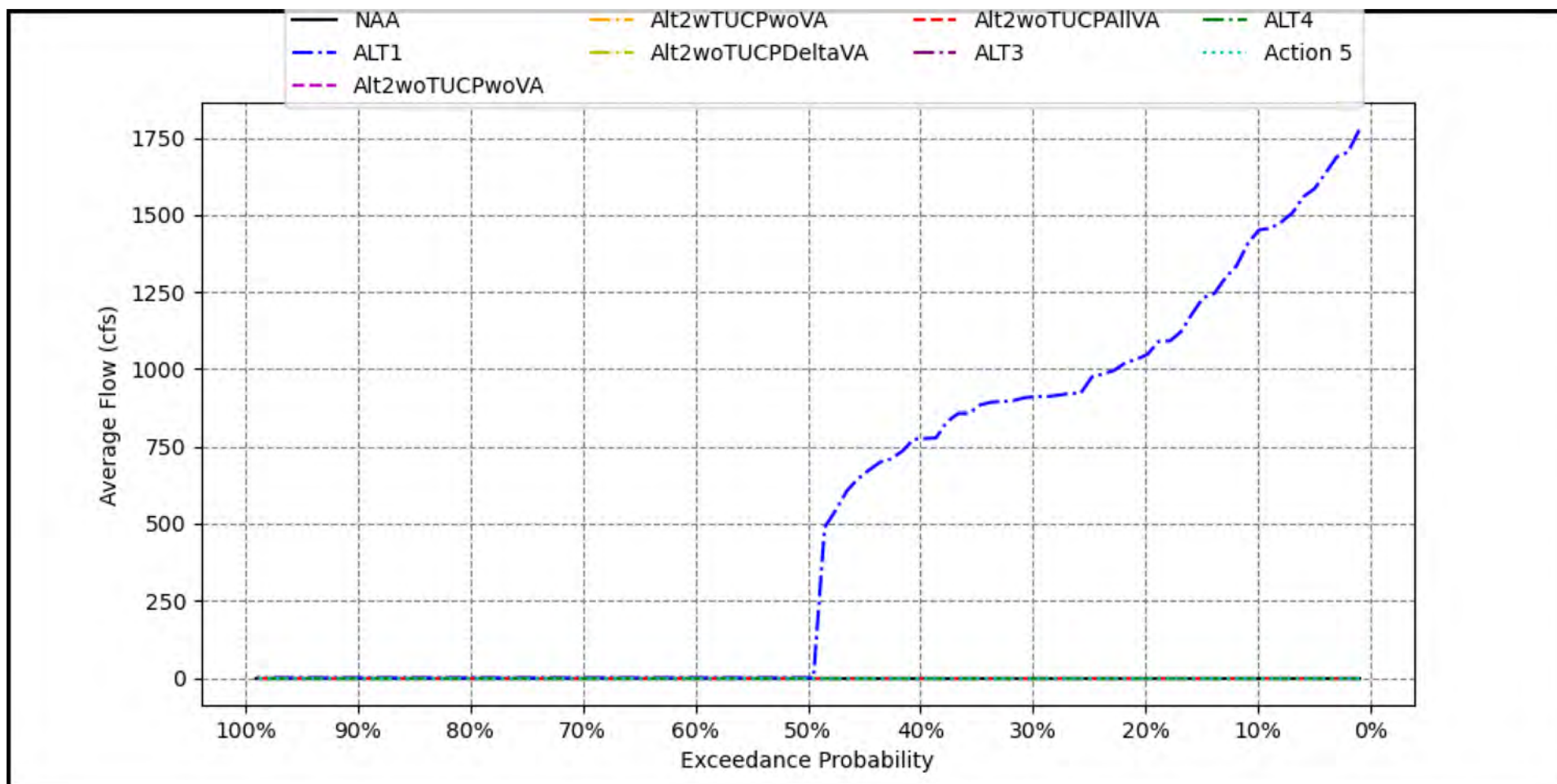
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-9-2 DCC Flow, November Flow



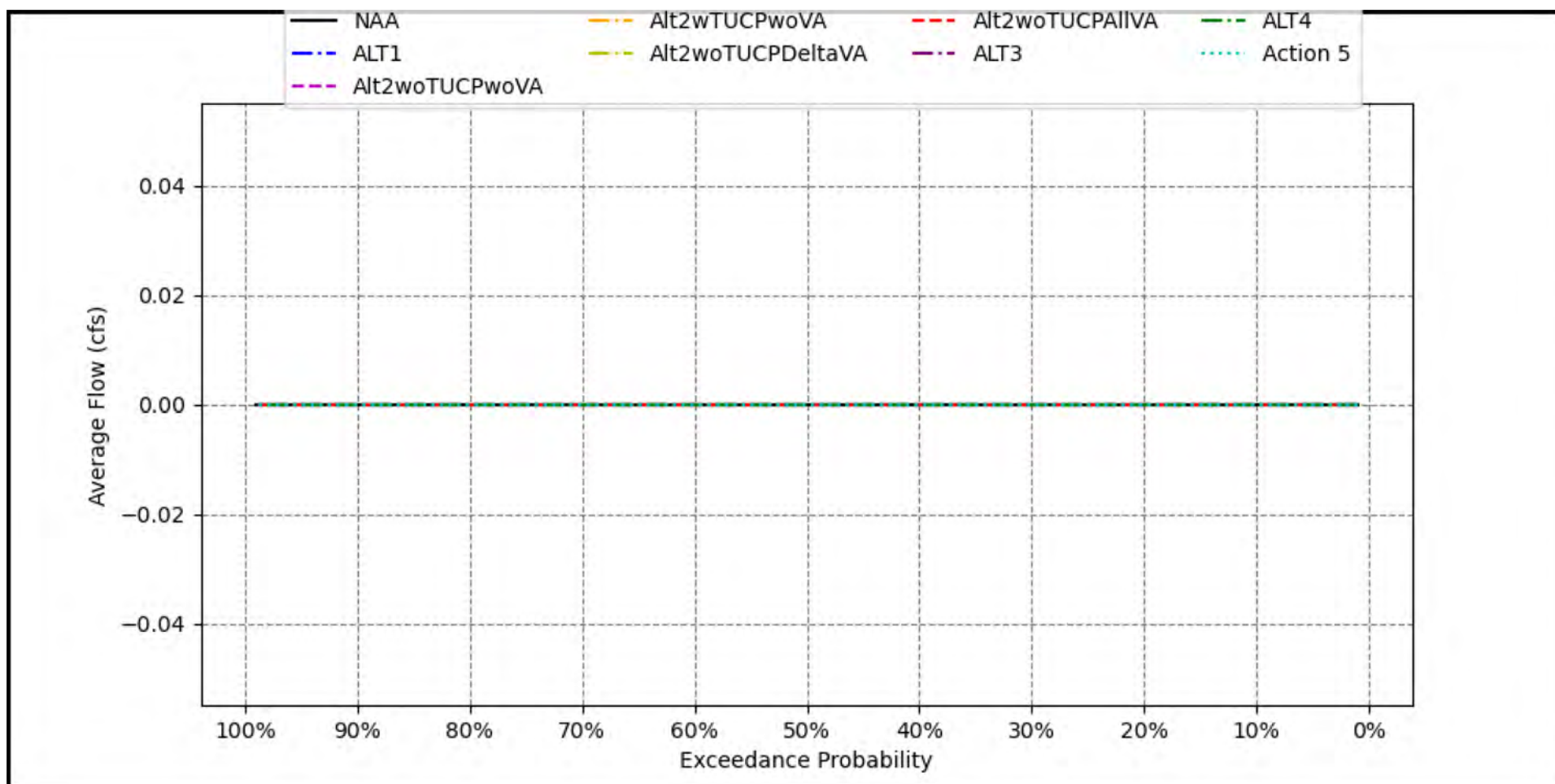
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-9-3 DCC Flow, December Flow



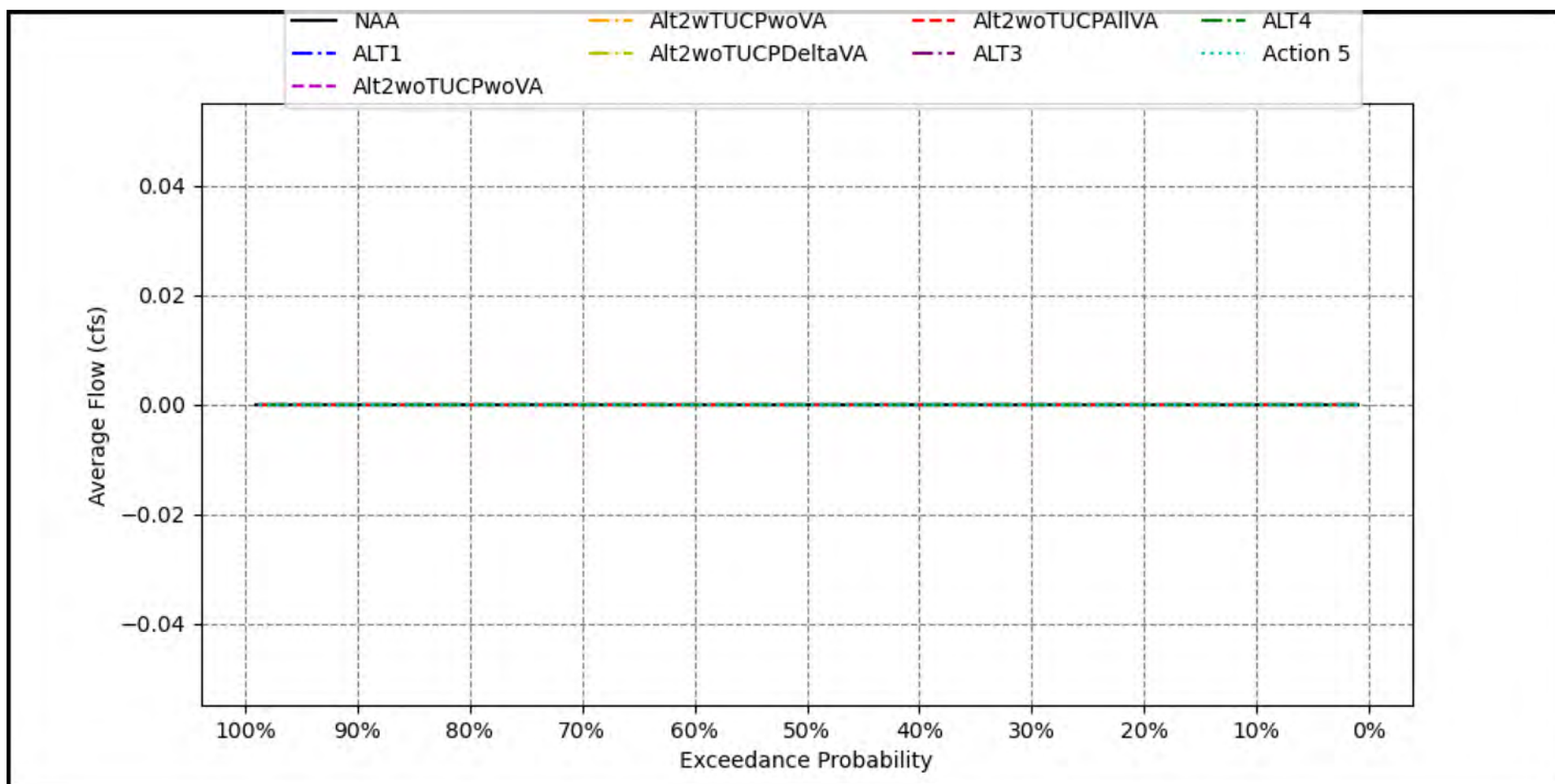
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-9-4 DCC Flow, January Flow



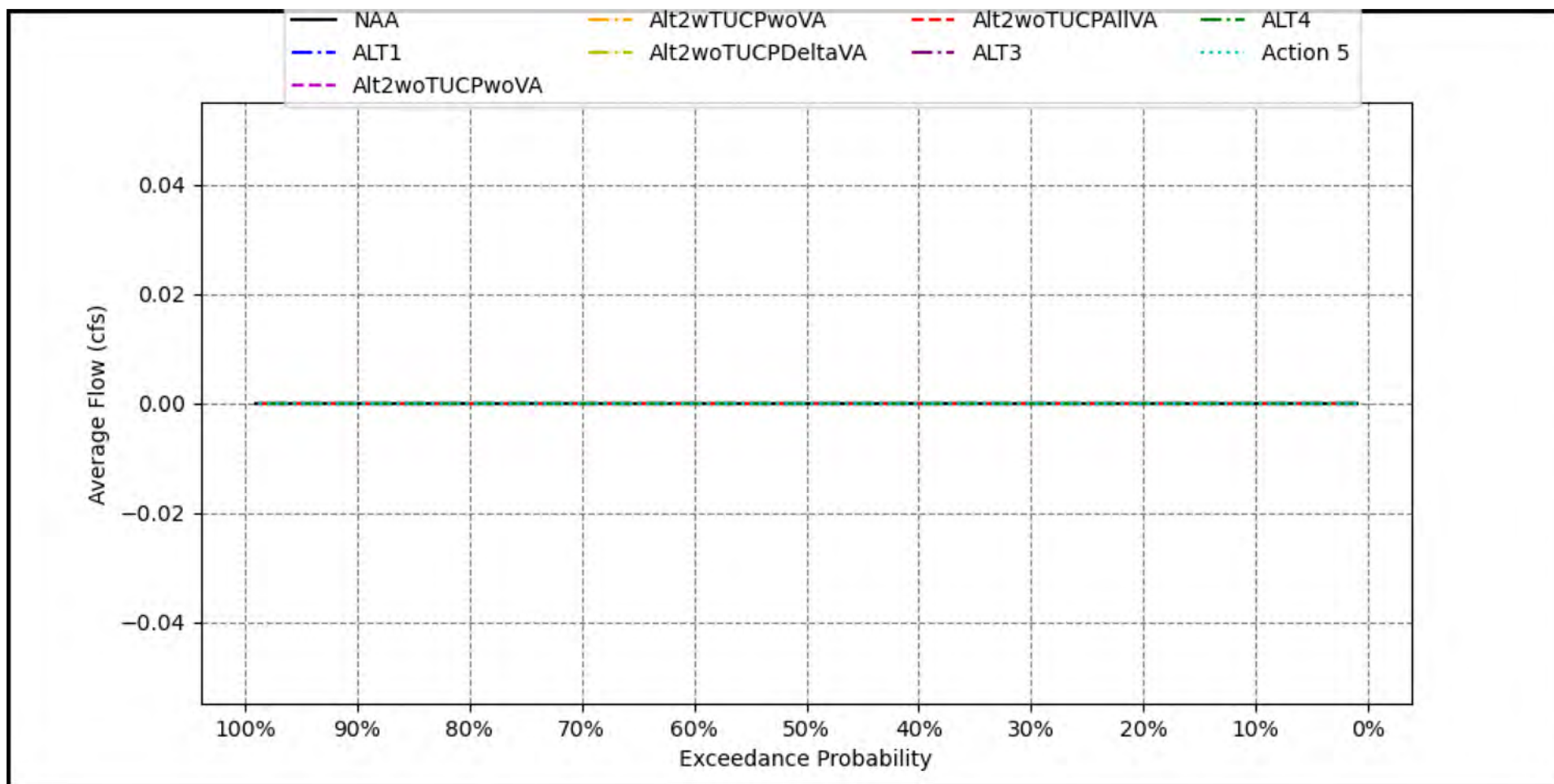
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-9-5 DCC Flow, February Flow



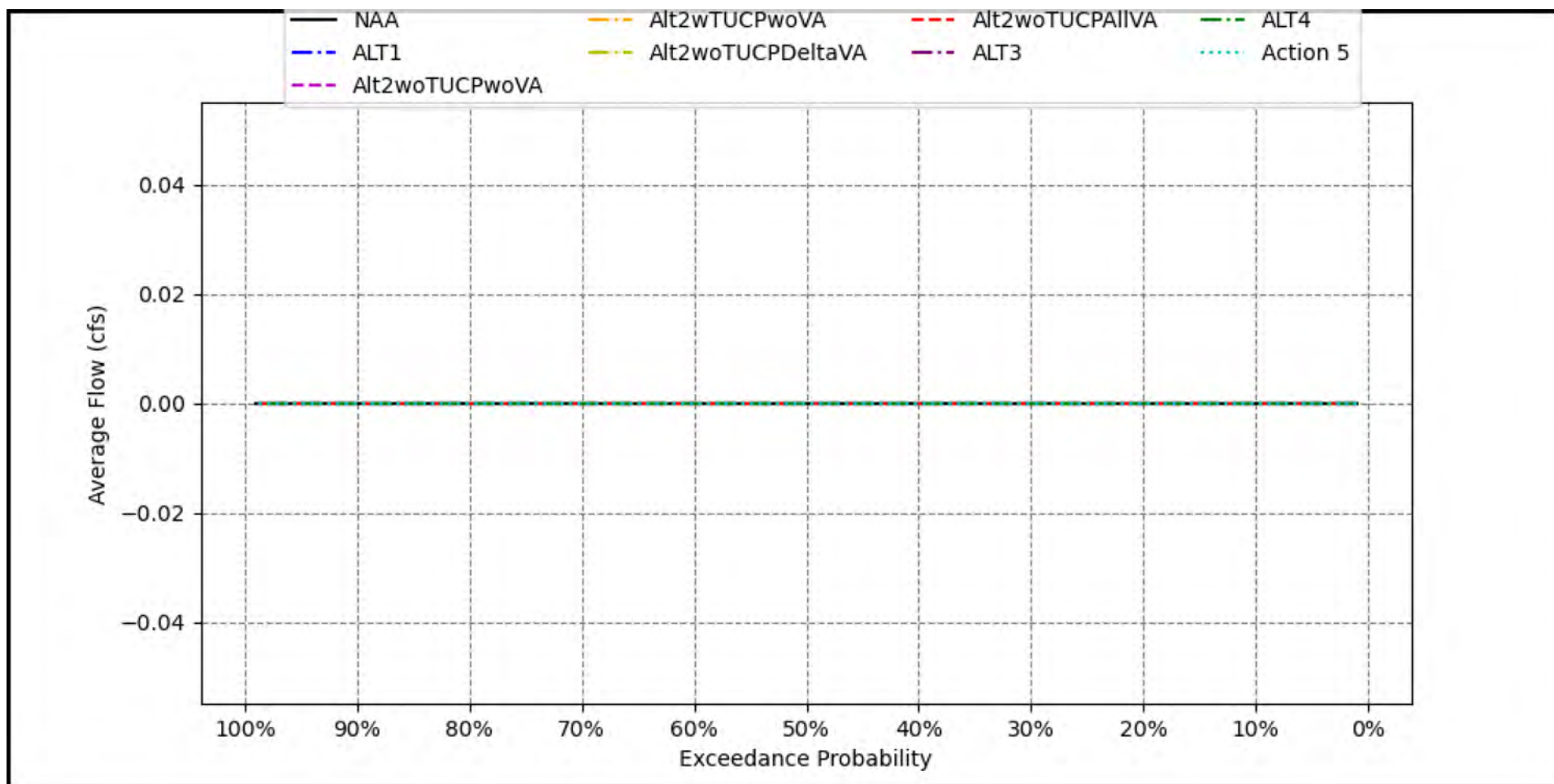
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-9-6 DCC Flow, March Flow



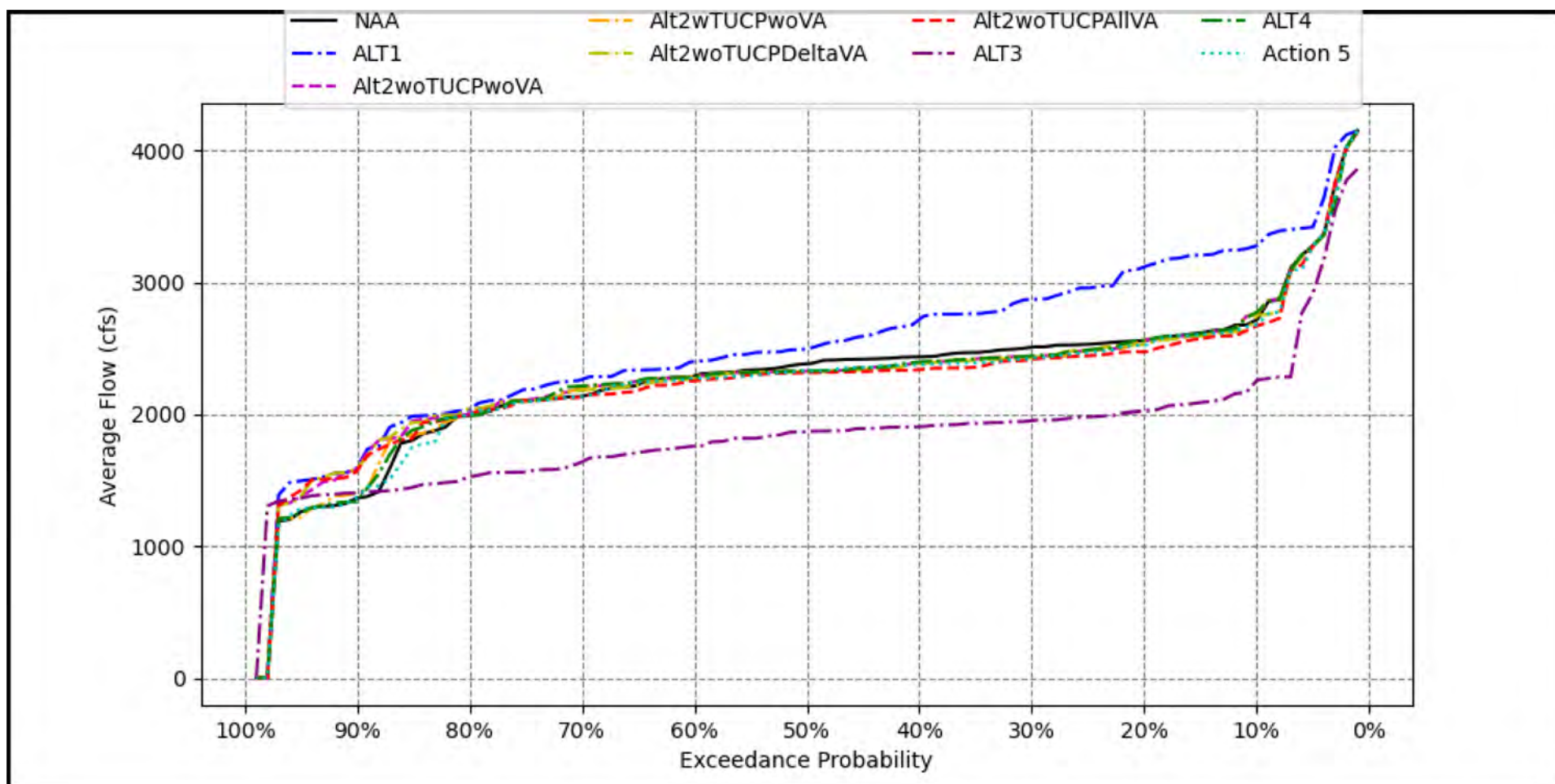
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-9-7 DCC Flow, April Flow



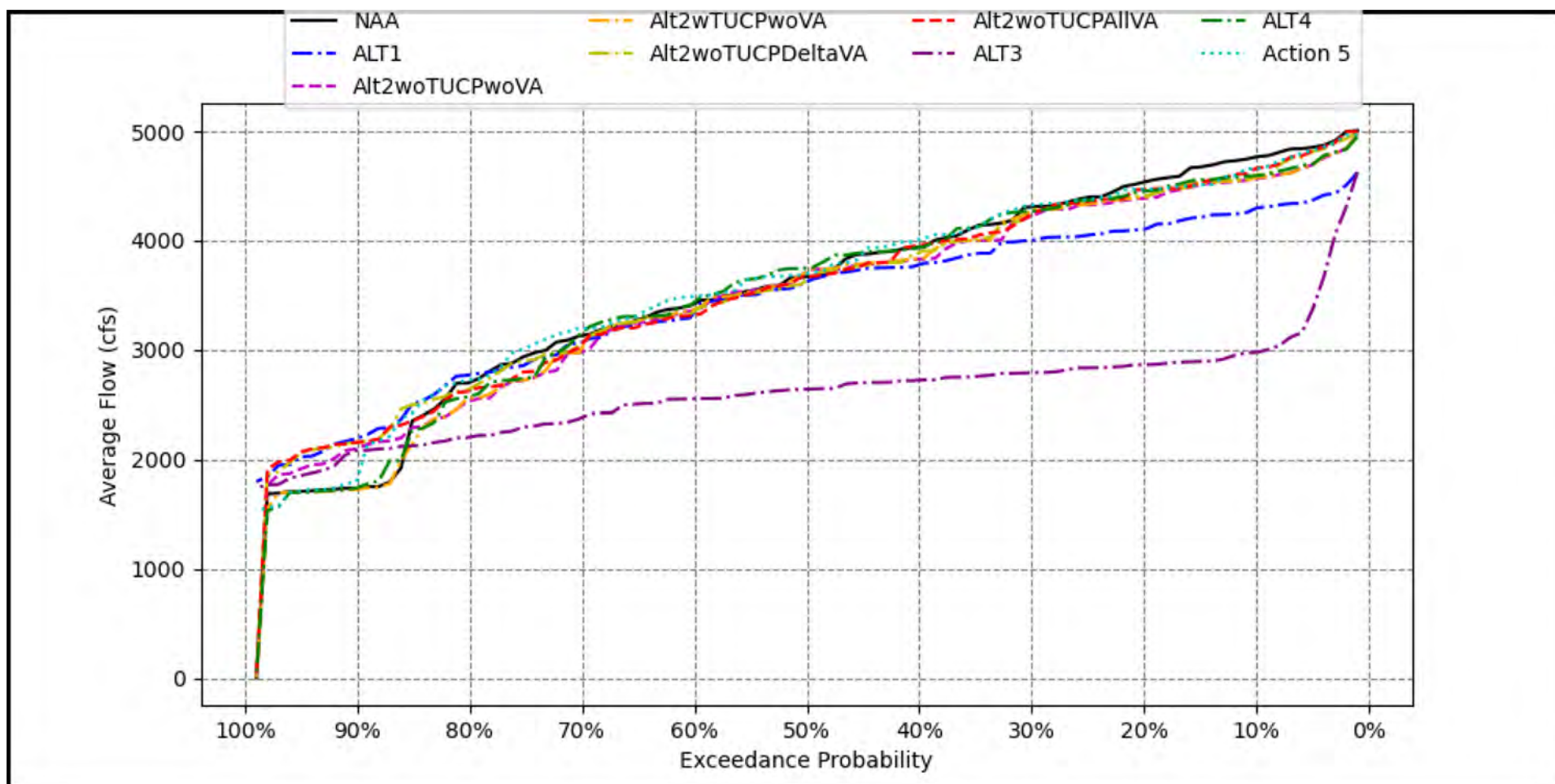
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-9-8 DCC Flow, May Flow



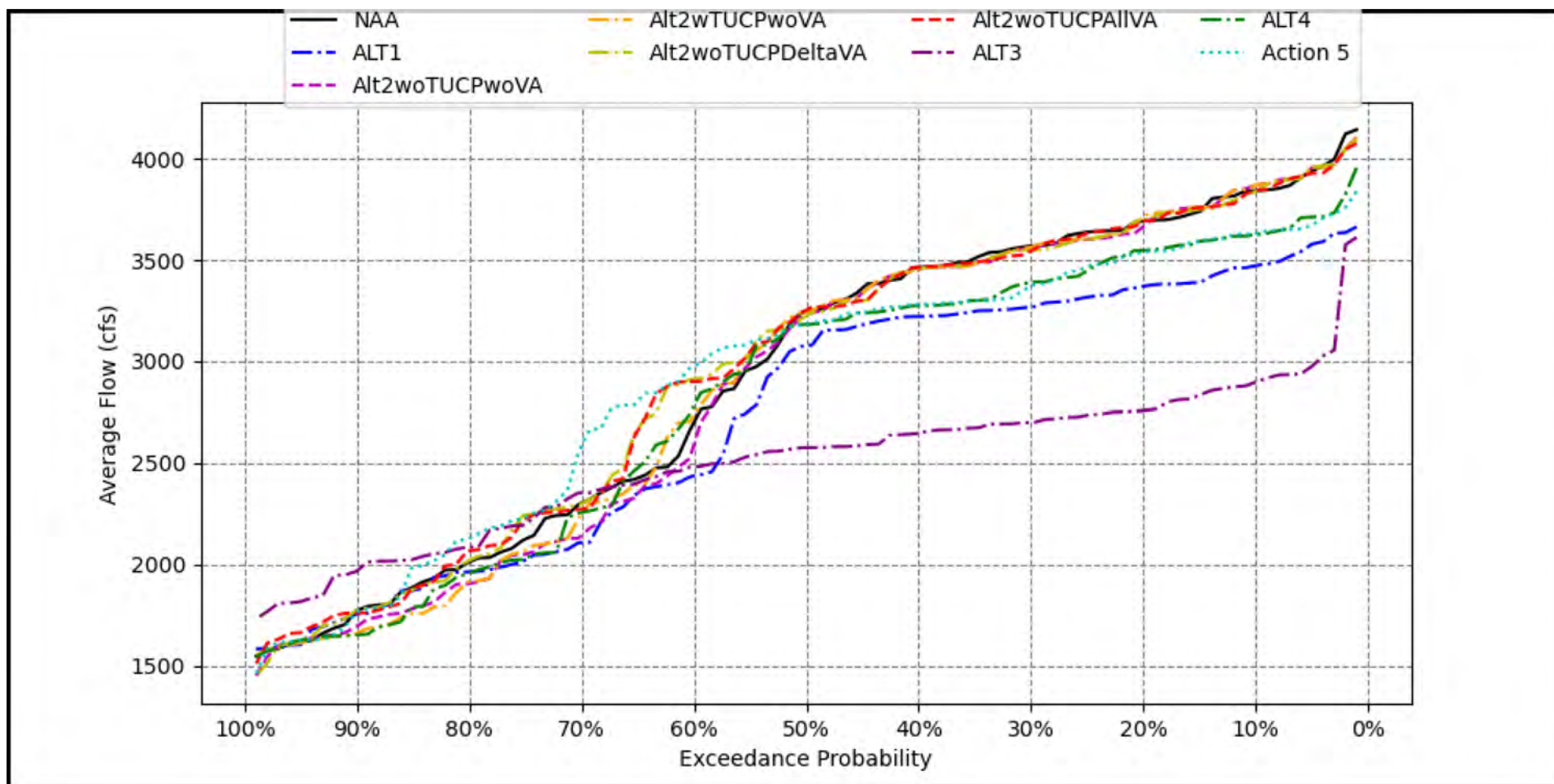
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-9-9 DCC Flow, June Flow



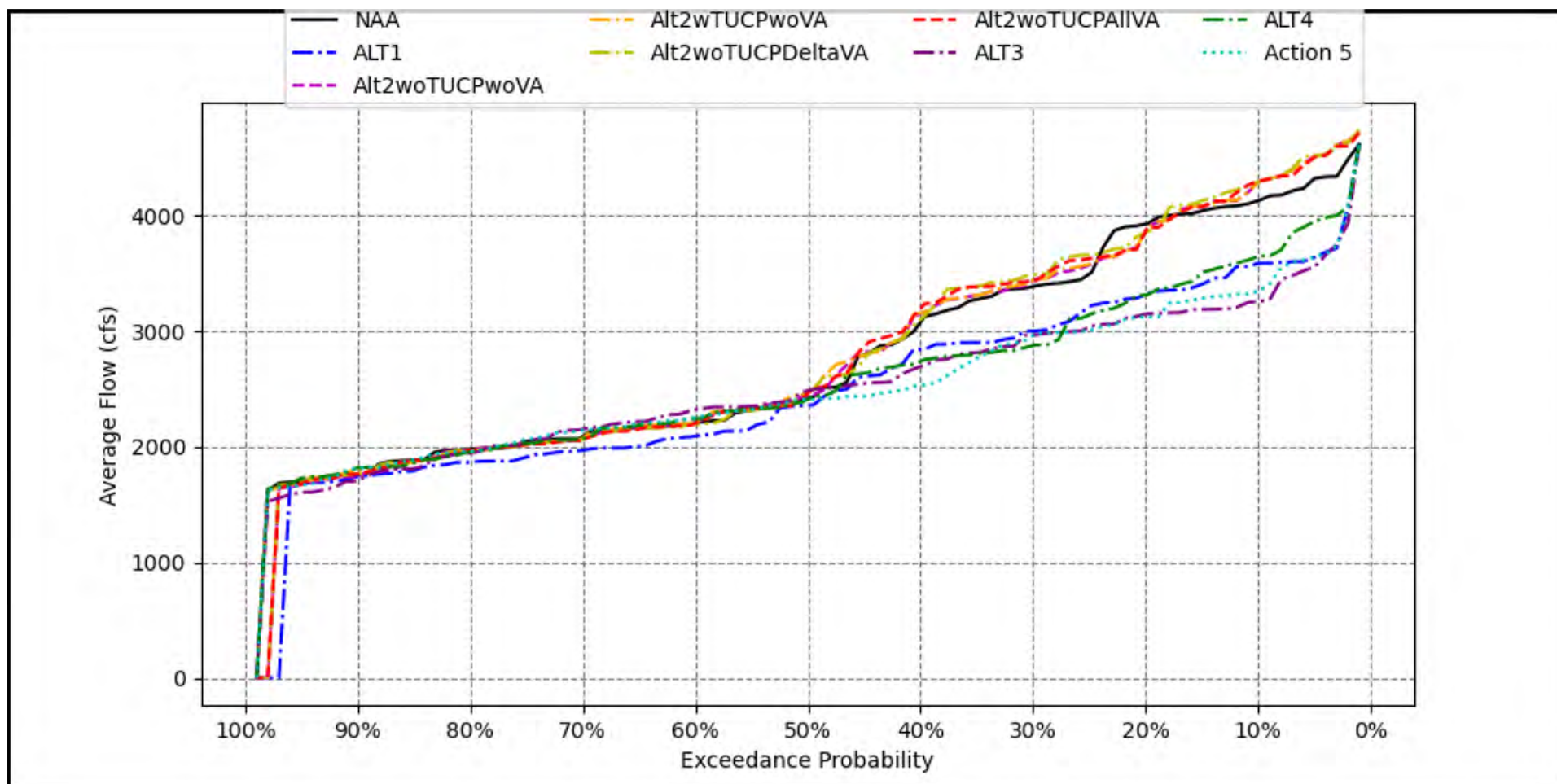
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-9-10 DCC Flow, July Flow



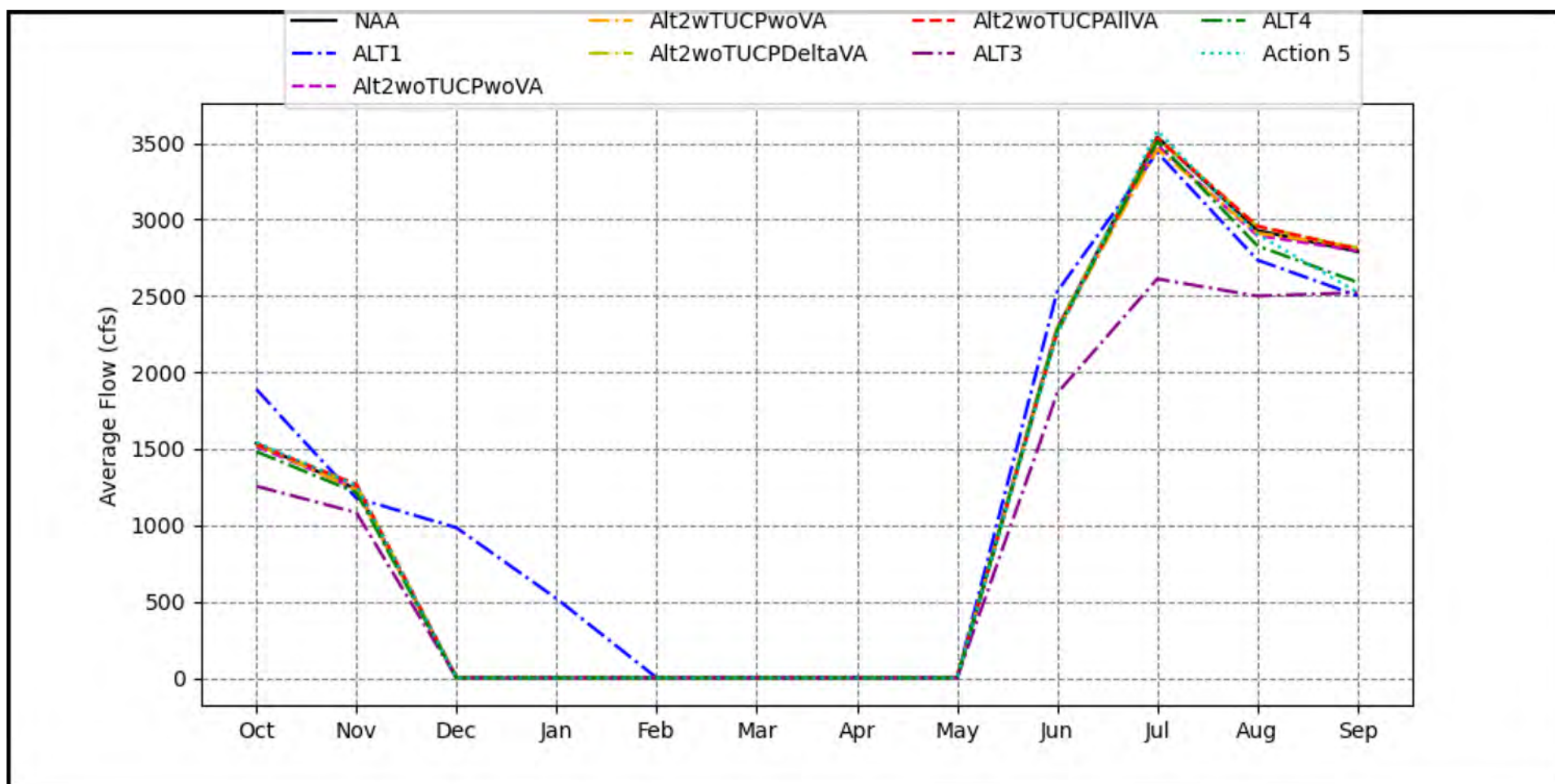
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-9-11 DCC Flow, August Flow



*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-9-12 DCC Flow, September Flow

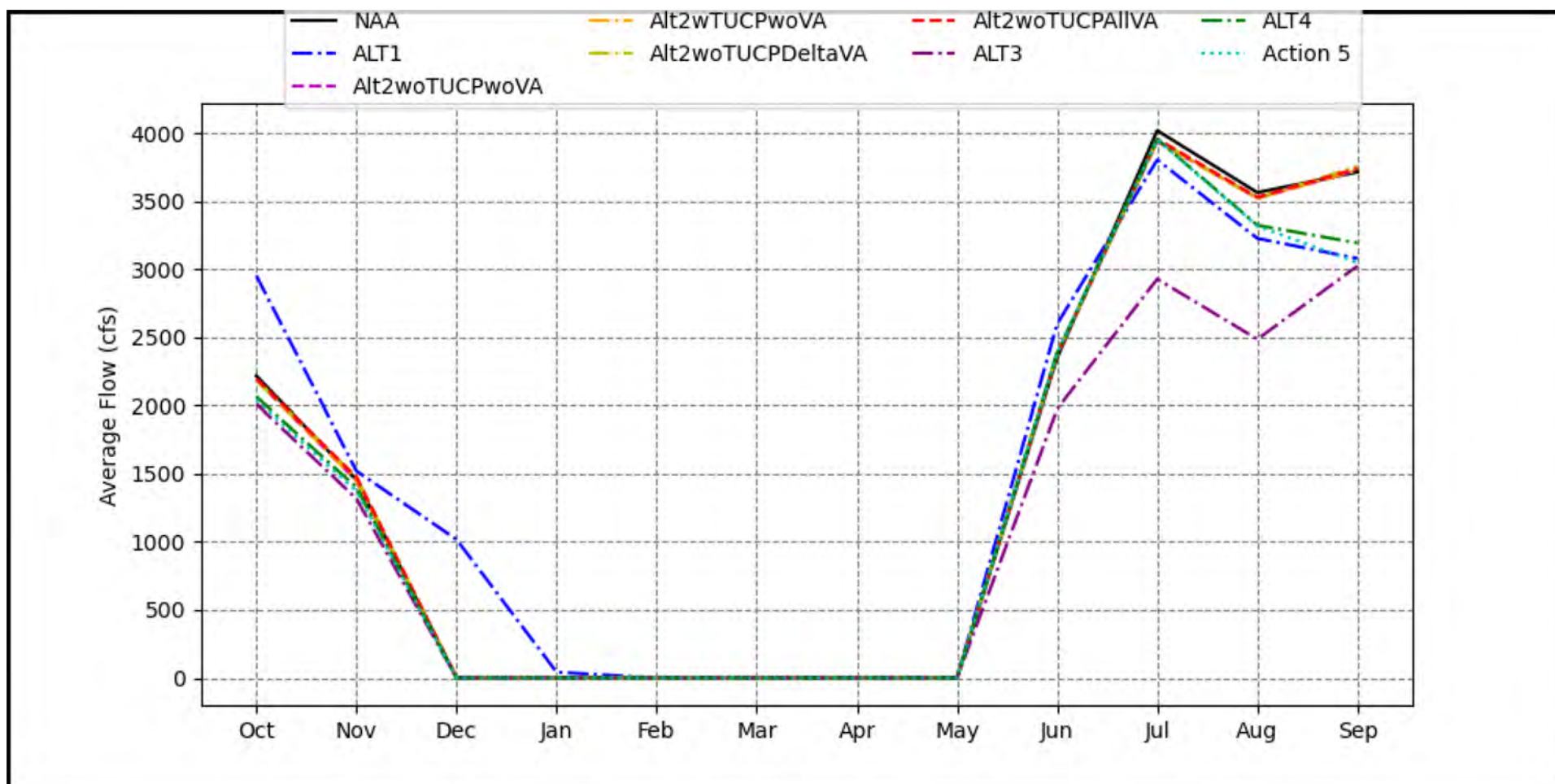


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-9-13 DCC Flow, Long Term Average Flow (cfs)

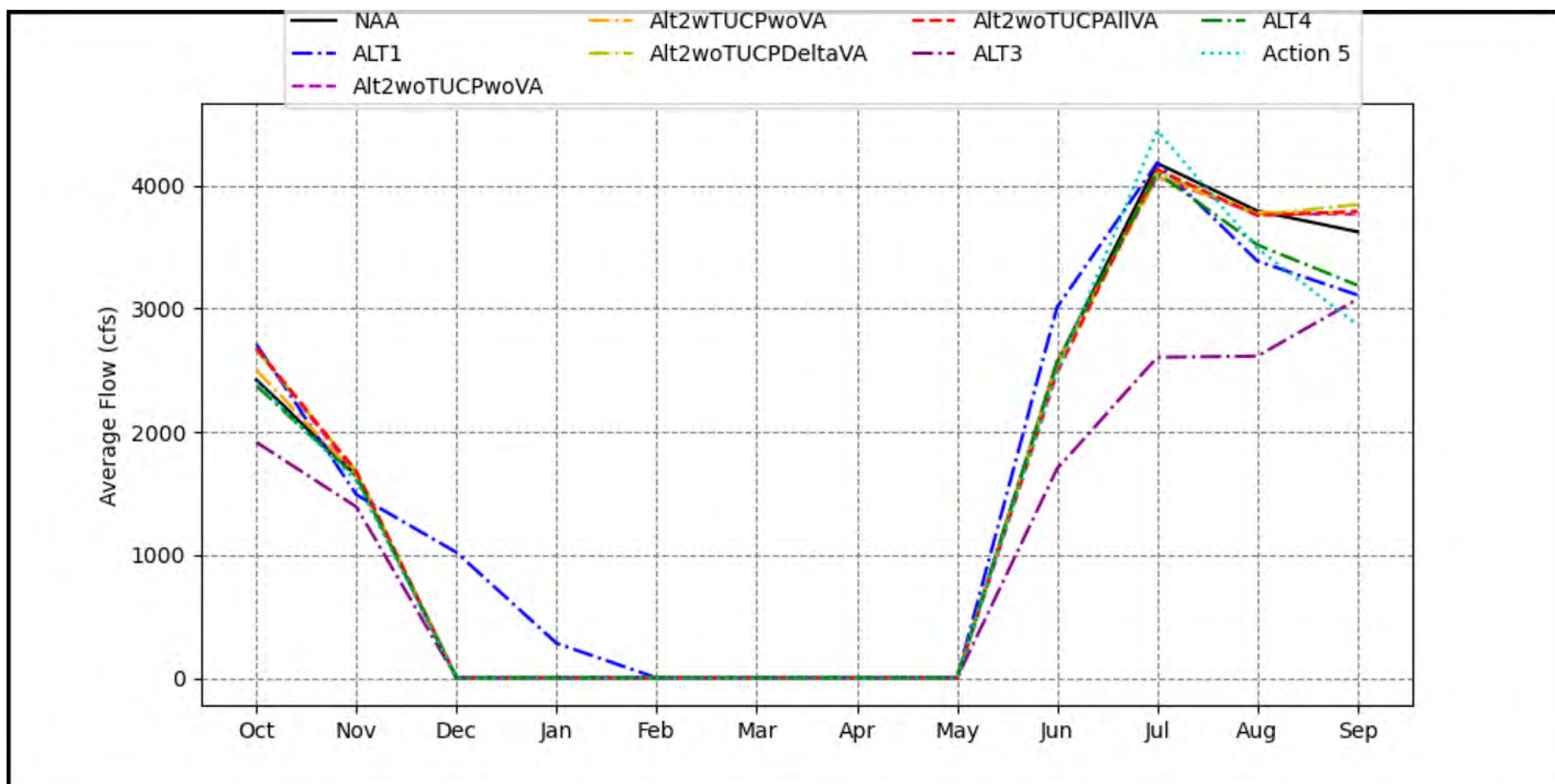


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-9-14 DCC Flow, Wet Year Average Flow (cfs)

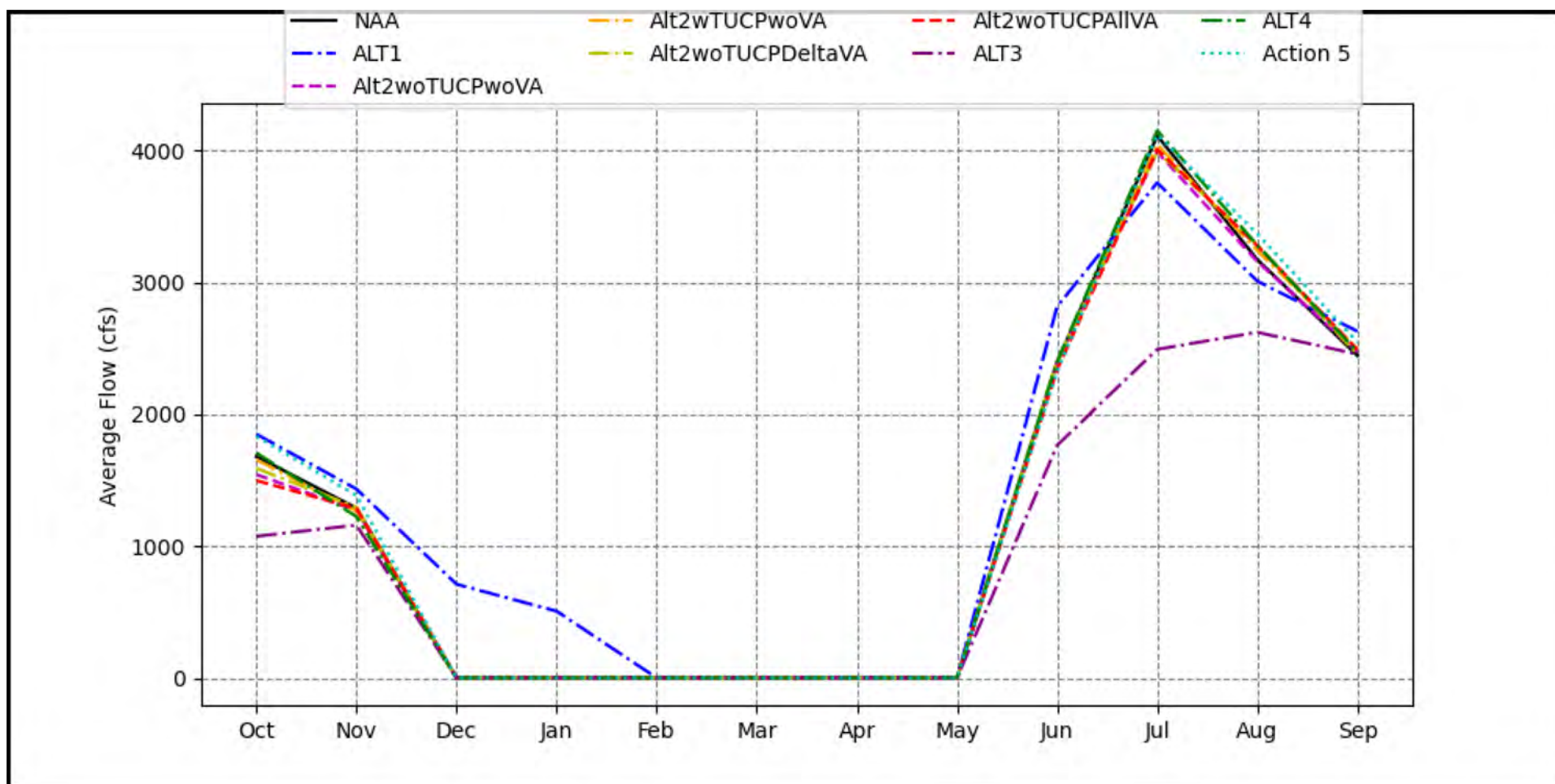


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-9-15 DCC Flow, Above Normal Year Average Flow (cfs)

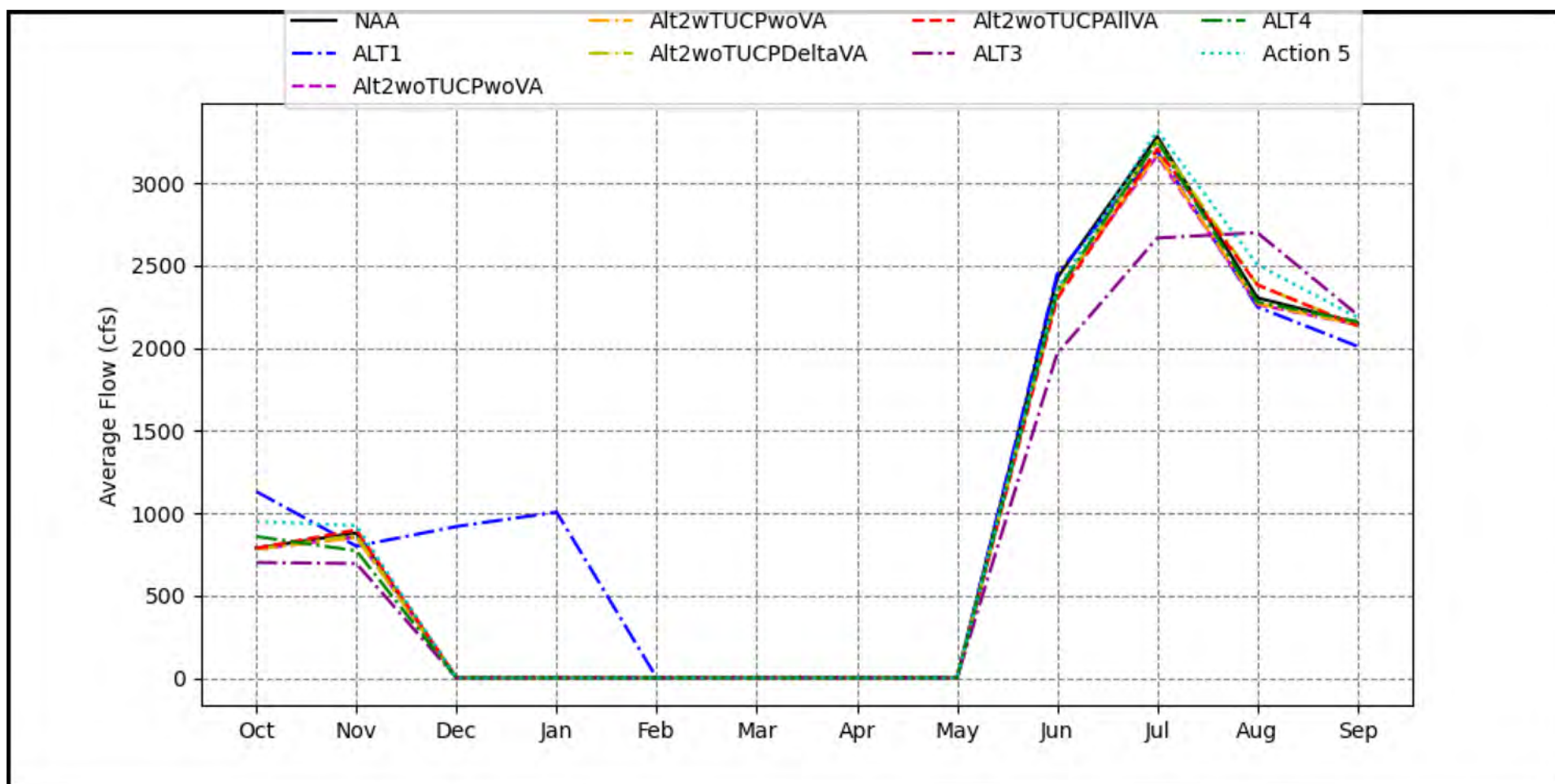


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-9-16 DCC Flow, Below Normal Year Average Flow (cfs)

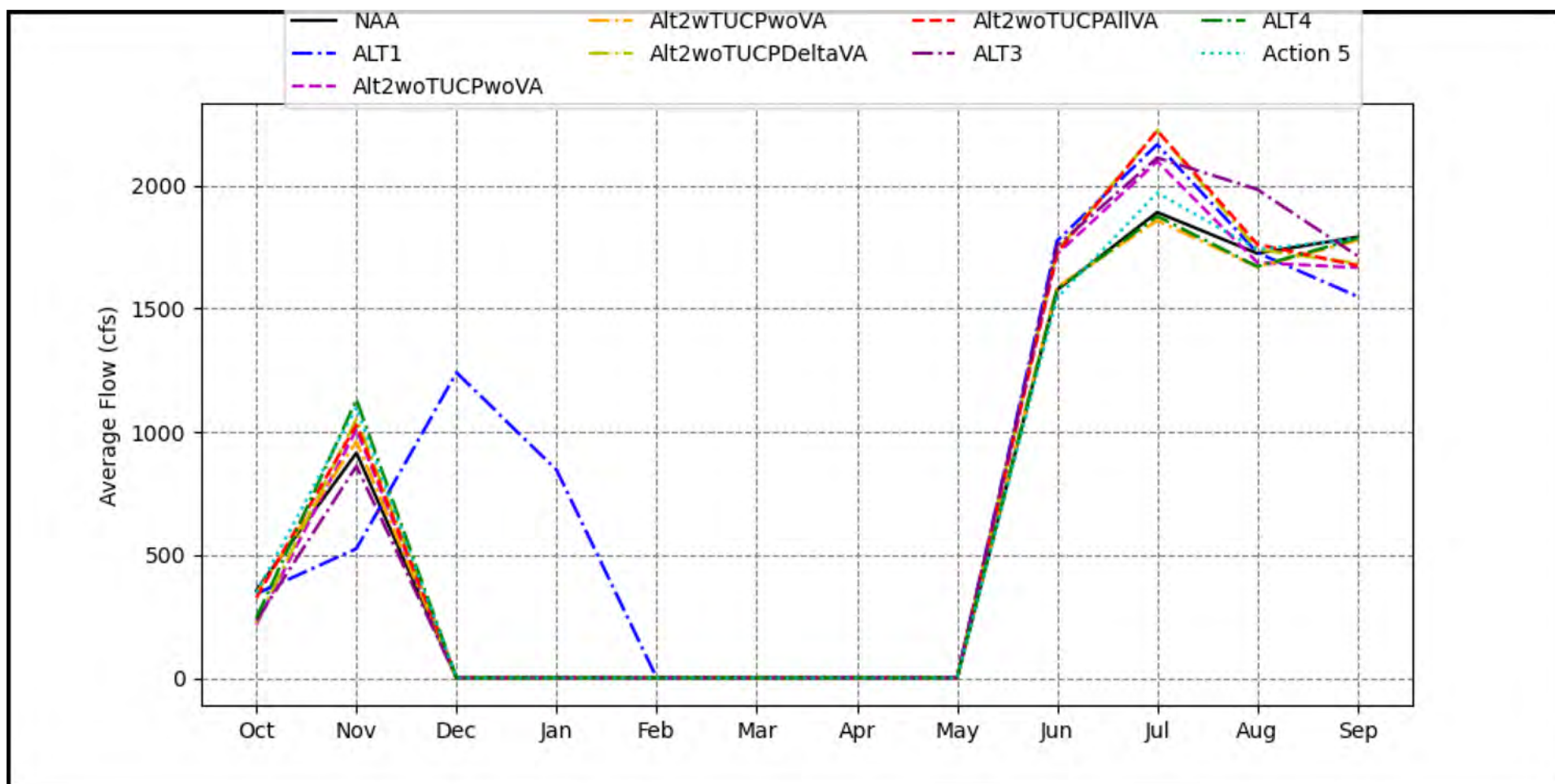


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-9-17 DCC Flow, Dry Year Average Flow (cfs)



*As defined by the 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 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-9-18 DCC Flow, Critical Year Average Flow (cfs)

F.2.3-10 Total Delta Exports

Table F.2.3-10-1 a. Total Delta Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	8,706	11,280	9,791	10,077	11,472	9,450	8,502	7,940	7,949	11,572	11,455	10,409
20% Exceedance	7,251	11,280	9,051	8,279	9,681	7,993	5,653	5,492	6,351	11,396	11,406	9,202
30% Exceedance	6,851	11,072	8,217	7,362	8,158	7,448	4,770	4,564	5,855	11,001	11,064	7,775
40% Exceedance	6,321	10,103	7,717	6,953	7,273	6,541	4,155	3,875	5,440	10,540	10,357	6,362
50% Exceedance	5,788	9,094	7,201	6,575	6,802	6,184	3,499	3,270	5,226	10,059	9,267	5,544
60% Exceedance	4,749	7,627	6,860	6,324	6,476	5,536	3,239	3,075	5,122	8,959	6,576	4,920
70% Exceedance	3,368	5,273	6,420	5,912	6,227	5,389	2,985	2,947	5,028	7,745	4,548	4,509
80% Exceedance	2,561	3,676	4,515	5,656	5,833	5,013	2,854	2,665	4,381	4,989	3,100	4,323
90% Exceedance	2,194	2,353	2,543	5,094	5,374	4,713	2,241	2,041	1,500	1,100	2,000	2,708
Full Simulation Period Average^a	5,513	7,757	7,026	7,082	7,645	6,578	4,349	4,202	5,374	8,390	7,557	6,230
Wet Years (27.7%)	7,588	10,790	8,506	9,219	9,989	8,560	7,136	6,755	7,394	10,645	11,003	8,482
Above Normal Years (13.9%)	6,189	10,111	8,012	7,443	8,284	6,938	4,262	4,341	5,872	10,425	10,770	6,043
Below Normal Years (17.8%)	5,889	7,557	7,029	6,410	7,115	6,217	3,812	3,675	5,511	10,031	9,119	6,974
Dry Years (23.8%)	4,226	6,099	5,476	6,217	6,324	5,763	3,085	2,921	4,937	7,720	4,351	5,486
Critical Years (15.8%)	2,768	2,649	5,726	5,080	5,562	4,424	2,049	2,129	1,903	1,823	1,770	2,734

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-1 b. Total Delta Exports, ALT1, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	11,280	11,280	12,124	13,752	14,270	12,425	8,640	10,222	8,478	11,621	11,780	11,780
20% Exceedance	11,280	11,280	11,775	12,872	13,117	11,728	7,537	7,374	7,666	11,311	11,236	11,780
30% Exceedance	9,962	10,254	11,658	12,355	12,313	10,854	6,458	6,437	7,384	11,001	10,729	10,689
40% Exceedance	8,243	9,076	11,567	12,055	12,038	9,756	5,567	5,483	7,063	10,438	10,409	9,046
50% Exceedance	6,695	7,602	11,485	11,898	11,047	9,003	4,849	5,069	6,648	9,695	9,726	7,345
60% Exceedance	5,581	6,615	10,103	11,835	9,881	8,035	4,021	4,285	6,063	8,834	5,466	5,853
70% Exceedance	4,501	5,297	7,160	9,781	8,396	7,190	3,758	3,887	5,324	7,062	3,802	4,739
80% Exceedance	3,342	3,595	5,559	8,023	6,950	5,159	3,481	3,239	4,613	5,487	3,111	4,085
90% Exceedance	2,210	2,571	4,007	6,570	5,751	3,992	2,767	2,393	1,900	2,869	2,113	3,279
Full Simulation Period Average^a	6,995	7,341	9,245	10,774	10,213	8,577	5,318	5,464	6,183	8,476	7,485	7,578
Wet Years (27.7%)	10,380	10,082	10,185	12,807	12,157	10,114	7,821	8,513	8,347	10,402	10,950	10,887
Above Normal Years (13.9%)	9,247	8,607	10,302	12,452	11,684	10,304	5,955	6,121	7,625	10,854	11,084	10,211
Below Normal Years (17.8%)	6,333	7,291	9,856	11,278	9,759	9,630	5,246	4,970	6,626	9,973	8,308	7,896
Dry Years (23.8%)	4,850	6,254	8,282	9,299	9,444	7,865	3,900	3,905	5,167	7,626	4,492	4,926
Critical Years (15.8%)	2,702	2,847	7,108	7,397	7,188	4,256	2,588	2,448	2,157	2,619	1,833	3,106

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-1 c. Total Delta Exports, ALT1 Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,574	0	2,333	3,675	2,798	2,975	138	2,282	530	48	325	1,371
20% Exceedance	4,029	0	2,724	4,593	3,436	3,736	1,884	1,882	1,315	-85	-170	2,578
30% Exceedance	3,111	-818	3,441	4,993	4,155	3,407	1,688	1,872	1,528	0	-335	2,914
40% Exceedance	1,922	-1,027	3,851	5,102	4,765	3,216	1,412	1,608	1,623	-102	52	2,684
50% Exceedance	906	-1,492	4,284	5,322	4,245	2,819	1,350	1,799	1,422	-363	459	1,800
60% Exceedance	832	-1,012	3,243	5,511	3,406	2,499	782	1,210	942	-125	-1,110	933
70% Exceedance	1,133	25	740	3,869	2,170	1,801	773	940	296	-682	-745	230
80% Exceedance	780	-81	1,044	2,366	1,117	146	626	574	233	498	12	-238
90% Exceedance	15	218	1,464	1,476	377	-721	526	352	400	1,769	113	570
Full Simulation Period Average^a	1,482	-417	2,219	3,692	2,568	1,999	969	1,262	809	86	-73	1,348
Wet Years (27.7%)	2,792	-708	1,679	3,588	2,168	1,554	685	1,757	953	-243	-53	2,405
Above Normal Years (13.9%)	3,058	-1,504	2,290	5,009	3,399	3,366	1,693	1,780	1,753	429	314	4,168
Below Normal Years (17.8%)	444	-265	2,828	4,867	2,644	3,413	1,435	1,296	1,115	-58	-811	922
Dry Years (23.8%)	623	155	2,805	3,081	3,120	2,102	815	984	230	-94	141	-560
Critical Years (15.8%)	-65	198	1,382	2,317	1,626	-167	539	319	254	796	63	372

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-2 a. Total Delta Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	8,706	11,280	9,791	10,077	11,472	9,450	8,502	7,940	7,949	11,572	11,455	10,409
20% Exceedance	7,251	11,280	9,051	8,279	9,681	7,993	5,653	5,492	6,351	11,396	11,406	9,202
30% Exceedance	6,851	11,072	8,217	7,362	8,158	7,448	4,770	4,564	5,855	11,001	11,064	7,775
40% Exceedance	6,321	10,103	7,717	6,953	7,273	6,541	4,155	3,875	5,440	10,540	10,357	6,362
50% Exceedance	5,788	9,094	7,201	6,575	6,802	6,184	3,499	3,270	5,226	10,059	9,267	5,544
60% Exceedance	4,749	7,627	6,860	6,324	6,476	5,536	3,239	3,075	5,122	8,959	6,576	4,920
70% Exceedance	3,368	5,273	6,420	5,912	6,227	5,389	2,985	2,947	5,028	7,745	4,548	4,509
80% Exceedance	2,561	3,676	4,515	5,656	5,833	5,013	2,854	2,665	4,381	4,989	3,100	4,323
90% Exceedance	2,194	2,353	2,543	5,094	5,374	4,713	2,241	2,041	1,500	1,100	2,000	2,708
Full Simulation Period Average^a	5,513	7,757	7,026	7,082	7,645	6,578	4,349	4,202	5,374	8,390	7,557	6,230
Wet Years (27.7%)	7,588	10,790	8,506	9,219	9,989	8,560	7,136	6,755	7,394	10,645	11,003	8,482
Above Normal Years (13.9%)	6,189	10,111	8,012	7,443	8,284	6,938	4,262	4,341	5,872	10,425	10,770	6,043
Below Normal Years (17.8%)	5,889	7,557	7,029	6,410	7,115	6,217	3,812	3,675	5,511	10,031	9,119	6,974
Dry Years (23.8%)	4,226	6,099	5,476	6,217	6,324	5,763	3,085	2,921	4,937	7,720	4,351	5,486
Critical Years (15.8%)	2,768	2,649	5,726	5,080	5,562	4,424	2,049	2,129	1,903	1,823	1,770	2,734

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-2 b. Total Delta Exports, Alt2woTUCPwoVA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	8,813	11,280	9,655	9,941	12,196	10,000	9,422	10,334	7,759	11,772	11,780	11,044
20% Exceedance	7,264	11,280	9,014	8,273	9,927	8,477	7,264	7,525	6,053	11,535	11,764	9,366
30% Exceedance	6,683	11,045	8,438	7,133	8,215	7,603	6,339	6,232	5,584	11,241	11,287	7,355
40% Exceedance	6,256	10,113	7,693	6,711	7,184	6,481	5,510	5,405	4,938	10,388	10,517	6,541
50% Exceedance	5,686	9,225	6,984	6,331	6,485	6,002	4,278	4,564	4,691	9,732	9,280	5,391
60% Exceedance	4,279	7,680	6,818	5,891	6,117	5,546	3,699	3,666	4,536	8,856	6,414	4,949
70% Exceedance	3,211	5,626	6,418	5,537	5,773	5,258	3,406	3,371	4,434	7,366	3,845	4,684
80% Exceedance	2,667	3,706	4,672	5,243	5,442	4,925	3,103	2,805	4,240	4,272	2,574	4,285
90% Exceedance	2,066	2,283	2,898	4,850	4,988	4,099	2,615	2,057	2,036	2,535	1,725	3,281
Full Simulation Period Average^a	5,390	7,735	7,049	6,829	7,568	6,662	5,167	5,227	5,043	8,394	7,552	6,460
Wet Years (27.7%)	7,579	10,756	8,599	9,136	10,305	9,342	8,040	8,559	7,291	10,517	10,976	8,637
Above Normal Years (13.9%)	6,014	10,117	8,004	7,297	8,475	7,056	5,783	5,671	5,424	10,830	11,035	6,564
Below Normal Years (17.8%)	5,571	7,659	6,957	6,241	6,881	6,202	4,770	4,597	4,991	10,058	9,021	7,223
Dry Years (23.8%)	4,200	6,037	5,503	5,722	5,888	5,639	3,517	3,461	4,385	7,316	4,328	5,428
Critical Years (15.8%)	2,556	2,538	5,754	4,704	5,275	3,678	2,522	2,366	1,820	2,295	1,696	3,250

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-2 c. Total Delta Exports, Alt2woTUCPwoVA Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	107	0	-136	-136	725	550	920	2,394	-189	200	325	635
20% Exceedance	13	0	-37	-5	246	484	1,611	2,032	-298	139	358	165
30% Exceedance	-168	-27	221	-229	57	156	1,569	1,668	-271	240	223	-420
40% Exceedance	-65	10	-24	-242	-89	-60	1,356	1,529	-501	-153	160	179
50% Exceedance	-102	131	-216	-245	-317	-182	778	1,294	-535	-326	13	-153
60% Exceedance	-470	52	-42	-432	-359	10	461	591	-585	-103	-162	29
70% Exceedance	-157	354	-2	-376	-454	-131	420	424	-594	-378	-703	175
80% Exceedance	105	30	158	-413	-392	-88	249	139	-140	-717	-526	-38
90% Exceedance	-128	-70	355	-244	-386	-613	374	16	536	1,435	-276	573
Full Simulation Period Average^a	-122	-22	23	-253	-77	84	818	1,025	-331	4	-5	230
Wet Years (27.7%)	-9	-34	93	-83	316	782	904	1,804	-103	-128	-27	155
Above Normal Years (13.9%)	-175	5	-8	-146	191	118	1,521	1,330	-448	405	265	521
Below Normal Years (17.8%)	-318	102	-72	-170	-234	-14	958	923	-520	27	-97	249
Dry Years (23.8%)	-27	-62	27	-496	-436	-124	431	540	-552	-403	-23	-58
Critical Years (15.8%)	-211	-111	29	-375	-287	-746	473	237	-84	472	-74	516

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-3 a. Total Delta Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	8,706	11,280	9,791	10,077	11,472	9,450	8,502	7,940	7,949	11,572	11,455	10,409
20% Exceedance	7,251	11,280	9,051	8,279	9,681	7,993	5,653	5,492	6,351	11,396	11,406	9,202
30% Exceedance	6,851	11,072	8,217	7,362	8,158	7,448	4,770	4,564	5,855	11,001	11,064	7,775
40% Exceedance	6,321	10,103	7,717	6,953	7,273	6,541	4,155	3,875	5,440	10,540	10,357	6,362
50% Exceedance	5,788	9,094	7,201	6,575	6,802	6,184	3,499	3,270	5,226	10,059	9,267	5,544
60% Exceedance	4,749	7,627	6,860	6,324	6,476	5,536	3,239	3,075	5,122	8,959	6,576	4,920
70% Exceedance	3,368	5,273	6,420	5,912	6,227	5,389	2,985	2,947	5,028	7,745	4,548	4,509
80% Exceedance	2,561	3,676	4,515	5,656	5,833	5,013	2,854	2,665	4,381	4,989	3,100	4,323
90% Exceedance	2,194	2,353	2,543	5,094	5,374	4,713	2,241	2,041	1,500	1,100	2,000	2,708
Full Simulation Period Average^a	5,513	7,757	7,026	7,082	7,645	6,578	4,349	4,202	5,374	8,390	7,557	6,230
Wet Years (27.7%)	7,588	10,790	8,506	9,219	9,989	8,560	7,136	6,755	7,394	10,645	11,003	8,482
Above Normal Years (13.9%)	6,189	10,111	8,012	7,443	8,284	6,938	4,262	4,341	5,872	10,425	10,770	6,043
Below Normal Years (17.8%)	5,889	7,557	7,029	6,410	7,115	6,217	3,812	3,675	5,511	10,031	9,119	6,974
Dry Years (23.8%)	4,226	6,099	5,476	6,217	6,324	5,763	3,085	2,921	4,937	7,720	4,351	5,486
Critical Years (15.8%)	2,768	2,649	5,726	5,080	5,562	4,424	2,049	2,129	1,903	1,823	1,770	2,734

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-3 b. Total Delta Exports, Alt2wTUCPwoVA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	8,878	11,280	9,657	9,942	12,273	10,221	9,278	10,339	7,772	11,772	11,780	11,044
20% Exceedance	7,326	11,280	8,981	8,273	9,928	8,523	7,264	7,526	6,053	11,536	11,766	9,341
30% Exceedance	6,672	11,027	8,346	7,144	8,216	7,603	6,348	6,318	5,584	11,240	11,286	7,907
40% Exceedance	6,262	10,147	7,693	6,733	7,207	6,565	5,535	5,440	4,940	10,496	10,557	6,544
50% Exceedance	5,789	9,157	6,984	6,334	6,485	6,001	4,365	4,678	4,691	9,776	9,601	5,490
60% Exceedance	4,521	7,681	6,818	5,908	6,172	5,556	3,774	3,679	4,538	8,785	6,909	4,992
70% Exceedance	3,357	5,507	6,372	5,531	5,823	5,294	3,416	3,371	4,436	7,916	4,568	4,756
80% Exceedance	2,683	3,716	4,653	5,251	5,508	4,929	3,104	2,817	4,240	4,413	2,446	4,254
90% Exceedance	2,084	2,507	2,986	4,843	5,047	4,610	2,615	2,078	1,500	1,399	1,689	3,064
Full Simulation Period Average^a	5,446	7,796	7,063	6,847	7,599	6,763	5,121	5,247	5,043	8,351	7,626	6,408
Wet Years (27.7%)	7,585	10,754	8,605	9,145	10,309	9,401	8,017	8,571	7,292	10,522	10,972	8,648
Above Normal Years (13.9%)	6,012	10,096	8,009	7,308	8,539	7,101	5,790	5,672	5,424	10,832	11,097	6,593
Below Normal Years (17.8%)	5,666	7,666	7,026	6,244	6,919	6,202	4,768	4,668	5,009	10,234	9,442	7,311
Dry Years (23.8%)	4,202	6,053	5,575	5,720	5,889	5,640	3,518	3,463	4,387	7,384	4,361	5,428
Critical Years (15.8%)	2,805	2,930	5,638	4,792	5,362	4,169	2,269	2,384	1,798	1,713	1,589	2,780

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-3 c. Total Delta Exports, Alt2wTUCPwoVA Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	172	0	-135	-135	801	772	776	2,399	-177	200	325	635
20% Exceedance	75	0	-69	-6	247	530	1,611	2,033	-298	140	360	140
30% Exceedance	-179	-45	129	-219	58	155	1,578	1,754	-271	240	223	132
40% Exceedance	-59	44	-24	-220	-66	24	1,381	1,564	-499	-45	200	182
50% Exceedance	1	64	-216	-242	-317	-183	866	1,408	-535	-283	334	-54
60% Exceedance	-227	53	-42	-416	-303	20	535	604	-583	-174	333	73
70% Exceedance	-12	234	-48	-382	-404	-94	431	424	-593	172	20	247
80% Exceedance	122	40	138	-405	-325	-84	249	152	-141	-576	-653	-69
90% Exceedance	-110	154	443	-251	-326	-103	374	37	0	299	-311	355
Full Simulation Period Average^a	-66	38	38	-235	-46	185	772	1,044	-330	-39	69	178
Wet Years (27.7%)	-4	-36	99	-74	321	841	881	1,816	-102	-123	-32	166
Above Normal Years (13.9%)	-177	-16	-3	-134	255	163	1,527	1,331	-448	407	327	550
Below Normal Years (17.8%)	-223	109	-3	-166	-196	-14	956	993	-501	203	323	337
Dry Years (23.8%)	-25	-46	99	-498	-435	-123	432	542	-551	-335	10	-58
Critical Years (15.8%)	37	282	-88	-287	-200	-255	220	254	-105	-110	-181	46

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-4 a. Total Delta Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	8,706	11,280	9,791	10,077	11,472	9,450	8,502	7,940	7,949	11,572	11,455	10,409
20% Exceedance	7,251	11,280	9,051	8,279	9,681	7,993	5,653	5,492	6,351	11,396	11,406	9,202
30% Exceedance	6,851	11,072	8,217	7,362	8,158	7,448	4,770	4,564	5,855	11,001	11,064	7,775
40% Exceedance	6,321	10,103	7,717	6,953	7,273	6,541	4,155	3,875	5,440	10,540	10,357	6,362
50% Exceedance	5,788	9,094	7,201	6,575	6,802	6,184	3,499	3,270	5,226	10,059	9,267	5,544
60% Exceedance	4,749	7,627	6,860	6,324	6,476	5,536	3,239	3,075	5,122	8,959	6,576	4,920
70% Exceedance	3,368	5,273	6,420	5,912	6,227	5,389	2,985	2,947	5,028	7,745	4,548	4,509
80% Exceedance	2,561	3,676	4,515	5,656	5,833	5,013	2,854	2,665	4,381	4,989	3,100	4,323
90% Exceedance	2,194	2,353	2,543	5,094	5,374	4,713	2,241	2,041	1,500	1,100	2,000	2,708
Full Simulation Period Average^a	5,513	7,757	7,026	7,082	7,645	6,578	4,349	4,202	5,374	8,390	7,557	6,230
Wet Years (27.7%)	7,588	10,790	8,506	9,219	9,989	8,560	7,136	6,755	7,394	10,645	11,003	8,482
Above Normal Years (13.9%)	6,189	10,111	8,012	7,443	8,284	6,938	4,262	4,341	5,872	10,425	10,770	6,043
Below Normal Years (17.8%)	5,889	7,557	7,029	6,410	7,115	6,217	3,812	3,675	5,511	10,031	9,119	6,974
Dry Years (23.8%)	4,226	6,099	5,476	6,217	6,324	5,763	3,085	2,921	4,937	7,720	4,351	5,486
Critical Years (15.8%)	2,768	2,649	5,726	5,080	5,562	4,424	2,049	2,129	1,903	1,823	1,770	2,734

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-4 b. Total Delta Exports, Alt2woTUCPDeltaVA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	8,921	11,280	9,924	9,941	12,199	9,933	8,072	10,293	7,759	11,780	11,780	10,953
20% Exceedance	7,283	11,280	9,068	8,273	9,923	7,821	6,083	7,486	6,006	11,570	11,780	9,620
30% Exceedance	6,721	11,280	8,303	7,138	8,215	6,327	5,358	6,229	5,583	11,297	11,175	7,548
40% Exceedance	6,257	10,481	7,586	6,735	7,184	5,872	4,005	5,127	4,992	10,344	10,534	6,632
50% Exceedance	5,605	9,371	6,996	6,353	6,484	5,317	3,189	4,294	4,711	9,741	9,068	5,636
60% Exceedance	4,402	7,770	6,855	5,932	6,120	4,702	2,824	3,519	4,542	8,516	7,879	5,126
70% Exceedance	3,395	5,637	6,439	5,594	5,774	3,695	2,633	3,151	4,448	7,771	4,554	4,779
80% Exceedance	2,784	3,420	4,858	5,283	5,442	3,107	2,308	2,540	4,270	5,132	3,284	4,315
90% Exceedance	2,031	2,208	3,108	4,897	5,023	2,703	1,892	1,966	2,047	2,726	2,051	3,601
Full Simulation Period Average^a	5,444	7,799	7,083	6,841	7,569	5,757	4,225	5,089	5,055	8,580	7,859	6,527
Wet Years (27.7%)	7,569	10,930	8,424	9,127	10,294	9,022	6,998	8,555	7,288	10,469	10,980	8,779
Above Normal Years (13.9%)	5,989	10,357	7,985	7,298	8,479	5,561	3,549	5,323	5,411	10,716	10,990	6,933
Below Normal Years (17.8%)	5,798	7,762	7,039	6,227	6,863	4,255	3,855	4,468	5,073	10,019	9,620	7,155
Dry Years (23.8%)	4,240	5,961	5,574	5,819	5,910	4,555	2,817	3,182	4,330	7,808	4,992	5,338
Critical Years (15.8%)	2,620	2,405	6,113	4,663	5,285	3,709	2,489	2,380	1,905	2,944	1,975	3,307

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-4 c. Total Delta Exports, Alt2woTUCPDeltaVA Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	215	0	132	-136	728	483	-430	2,353	-189	208	325	544
20% Exceedance	32	0	17	-5	242	-172	430	1,993	-346	173	374	419
30% Exceedance	-130	208	86	-225	56	-1,120	588	1,665	-272	296	111	-227
40% Exceedance	-64	378	-130	-217	-89	-669	-150	1,252	-448	-197	178	270
50% Exceedance	-183	277	-205	-222	-318	-867	-310	1,025	-514	-317	-199	91
60% Exceedance	-347	143	-5	-392	-356	-834	-415	444	-579	-443	1,303	207
70% Exceedance	27	364	19	-318	-453	-1,693	-352	204	-580	26	6	270
80% Exceedance	223	-256	343	-373	-391	-1,906	-546	-125	-111	143	185	-8
90% Exceedance	-163	-145	565	-197	-351	-2,009	-349	-75	547	1,626	51	892
Full Simulation Period Average^a	-69	41	57	-241	-76	-821	-125	887	-319	190	301	296
Wet Years (27.7%)	-19	140	-82	-92	305	462	-138	1,799	-107	-175	-23	297
Above Normal Years (13.9%)	-200	246	-27	-145	194	-1,377	-713	981	-461	291	220	890
Below Normal Years (17.8%)	-91	206	10	-183	-252	-1,961	43	793	-438	-12	501	180
Dry Years (23.8%)	14	-138	98	-399	-414	-1,208	-269	261	-607	88	642	-148
Critical Years (15.8%)	-148	-244	388	-417	-277	-714	440	250	2	1,121	205	573

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-5 a. Total Delta Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	8,706	11,280	9,791	10,077	11,472	9,450	8,502	7,940	7,949	11,572	11,455	10,409
20% Exceedance	7,251	11,280	9,051	8,279	9,681	7,993	5,653	5,492	6,351	11,396	11,406	9,202
30% Exceedance	6,851	11,072	8,217	7,362	8,158	7,448	4,770	4,564	5,855	11,001	11,064	7,775
40% Exceedance	6,321	10,103	7,717	6,953	7,273	6,541	4,155	3,875	5,440	10,540	10,357	6,362
50% Exceedance	5,788	9,094	7,201	6,575	6,802	6,184	3,499	3,270	5,226	10,059	9,267	5,544
60% Exceedance	4,749	7,627	6,860	6,324	6,476	5,536	3,239	3,075	5,122	8,959	6,576	4,920
70% Exceedance	3,368	5,273	6,420	5,912	6,227	5,389	2,985	2,947	5,028	7,745	4,548	4,509
80% Exceedance	2,561	3,676	4,515	5,656	5,833	5,013	2,854	2,665	4,381	4,989	3,100	4,323
90% Exceedance	2,194	2,353	2,543	5,094	5,374	4,713	2,241	2,041	1,500	1,100	2,000	2,708
Full Simulation Period Average^a	5,513	7,757	7,026	7,082	7,645	6,578	4,349	4,202	5,374	8,390	7,557	6,230
Wet Years (27.7%)	7,588	10,790	8,506	9,219	9,989	8,560	7,136	6,755	7,394	10,645	11,003	8,482
Above Normal Years (13.9%)	6,189	10,111	8,012	7,443	8,284	6,938	4,262	4,341	5,872	10,425	10,770	6,043
Below Normal Years (17.8%)	5,889	7,557	7,029	6,410	7,115	6,217	3,812	3,675	5,511	10,031	9,119	6,974
Dry Years (23.8%)	4,226	6,099	5,476	6,217	6,324	5,763	3,085	2,921	4,937	7,720	4,351	5,486
Critical Years (15.8%)	2,768	2,649	5,726	5,080	5,562	4,424	2,049	2,129	1,903	1,823	1,770	2,734

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-5 b. Total Delta Exports, Alt2woTUCPAIIVA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	8,972	11,280	9,637	9,941	12,132	9,975	8,048	10,340	7,768	11,773	11,780	11,041
20% Exceedance	7,532	11,280	8,947	8,273	9,928	7,821	6,086	7,430	6,065	11,533	11,780	9,160
30% Exceedance	6,795	11,280	8,142	7,134	8,215	6,314	5,382	6,337	5,584	11,189	11,198	7,491
40% Exceedance	6,308	10,489	7,588	6,732	7,207	5,877	3,994	5,132	4,945	10,542	10,540	6,428
50% Exceedance	5,698	9,591	6,997	6,341	6,485	5,319	3,196	4,399	4,712	9,770	9,175	5,534
60% Exceedance	4,501	7,897	6,851	5,936	6,137	4,508	2,870	3,467	4,545	8,683	7,816	5,137
70% Exceedance	3,402	5,650	6,420	5,579	5,774	3,657	2,631	3,109	4,446	7,226	4,536	4,767
80% Exceedance	2,665	3,424	4,786	5,226	5,442	3,104	2,379	2,463	4,183	5,034	3,360	4,261
90% Exceedance	2,030	2,251	3,287	4,879	4,989	2,652	1,898	1,963	1,766	2,853	2,108	3,433
Full Simulation Period Average^a	5,500	7,834	7,039	6,831	7,551	5,734	4,226	5,077	5,040	8,512	7,864	6,490
Wet Years (27.7%)	7,705	10,927	8,419	9,129	10,296	9,005	7,001	8,572	7,292	10,470	10,982	8,687
Above Normal Years (13.9%)	6,132	10,356	7,960	7,308	8,408	5,604	3,556	5,276	5,407	10,665	10,939	6,712
Below Normal Years (17.8%)	5,716	7,807	6,988	6,228	6,858	4,255	3,825	4,523	5,062	9,977	9,642	7,263
Dry Years (23.8%)	4,243	6,078	5,647	5,764	5,906	4,556	2,818	3,091	4,327	7,632	4,994	5,338
Critical Years (15.8%)	2,701	2,408	5,798	4,674	5,247	3,552	2,520	2,385	1,827	2,874	2,023	3,309

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-5 c. Total Delta Exports, Alt2woTUCPAIIVA Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	266	0	-154	-136	661	525	-454	2,400	-181	201	325	632
20% Exceedance	281	0	-104	-5	247	-171	433	1,938	-287	136	374	-42
30% Exceedance	-56	208	-75	-229	57	-1,133	612	1,772	-271	188	134	-284
40% Exceedance	-13	387	-129	-221	-66	-664	-160	1,256	-494	1	183	66
50% Exceedance	-91	497	-204	-235	-317	-865	-303	1,129	-514	-288	-92	-11
60% Exceedance	-248	269	-9	-387	-339	-1,028	-369	392	-577	-276	1,240	217
70% Exceedance	34	377	0	-334	-453	-1,732	-354	161	-582	-518	-12	259
80% Exceedance	103	-252	272	-431	-392	-1,909	-476	-203	-198	45	260	-62
90% Exceedance	-165	-102	744	-215	-385	-2,061	-343	-78	266	1,753	107	725
Full Simulation Period Average^a	-12	77	13	-251	-94	-844	-123	874	-333	122	307	259
Wet Years (27.7%)	117	137	-86	-90	307	445	-135	1,817	-102	-174	-21	205
Above Normal Years (13.9%)	-57	245	-52	-135	124	-1,334	-706	935	-465	240	169	669
Below Normal Years (17.8%)	-173	250	-40	-182	-257	-1,962	13	849	-449	-54	523	289
Dry Years (23.8%)	17	-21	171	-454	-418	-1,207	-267	170	-611	-88	643	-148
Critical Years (15.8%)	-67	-241	72	-405	-315	-872	471	255	-76	1,051	253	575

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-6 a. Total Delta Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	8,706	11,280	9,791	10,077	11,472	9,450	8,502	7,940	7,949	11,572	11,455	10,409
20% Exceedance	7,251	11,280	9,051	8,279	9,681	7,993	5,653	5,492	6,351	11,396	11,406	9,202
30% Exceedance	6,851	11,072	8,217	7,362	8,158	7,448	4,770	4,564	5,855	11,001	11,064	7,775
40% Exceedance	6,321	10,103	7,717	6,953	7,273	6,541	4,155	3,875	5,440	10,540	10,357	6,362
50% Exceedance	5,788	9,094	7,201	6,575	6,802	6,184	3,499	3,270	5,226	10,059	9,267	5,544
60% Exceedance	4,749	7,627	6,860	6,324	6,476	5,536	3,239	3,075	5,122	8,959	6,576	4,920
70% Exceedance	3,368	5,273	6,420	5,912	6,227	5,389	2,985	2,947	5,028	7,745	4,548	4,509
80% Exceedance	2,561	3,676	4,515	5,656	5,833	5,013	2,854	2,665	4,381	4,989	3,100	4,323
90% Exceedance	2,194	2,353	2,543	5,094	5,374	4,713	2,241	2,041	1,500	1,100	2,000	2,708
Full Simulation Period Average^a	5,513	7,757	7,026	7,082	7,645	6,578	4,349	4,202	5,374	8,390	7,557	6,230
Wet Years (27.7%)	7,588	10,790	8,506	9,219	9,989	8,560	7,136	6,755	7,394	10,645	11,003	8,482
Above Normal Years (13.9%)	6,189	10,111	8,012	7,443	8,284	6,938	4,262	4,341	5,872	10,425	10,770	6,043
Below Normal Years (17.8%)	5,889	7,557	7,029	6,410	7,115	6,217	3,812	3,675	5,511	10,031	9,119	6,974
Dry Years (23.8%)	4,226	6,099	5,476	6,217	6,324	5,763	3,085	2,921	4,937	7,720	4,351	5,486
Critical Years (15.8%)	2,768	2,649	5,726	5,080	5,562	4,424	2,049	2,129	1,903	1,823	1,770	2,734

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-6 b. Total Delta Exports, ALT3, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	7,562	11,280	7,806	9,493	10,491	9,627	2,817	1,935	7,041	3,936	4,736	6,691
20% Exceedance	6,657	8,895	6,315	7,567	8,902	7,313	2,032	1,499	4,723	3,542	3,870	5,871
30% Exceedance	5,410	6,773	5,033	6,662	7,511	6,587	1,761	1,303	2,926	3,241	3,456	5,258
40% Exceedance	5,050	5,620	3,558	5,813	6,646	4,320	1,589	1,041	2,121	2,893	3,278	4,727
50% Exceedance	4,456	4,794	3,061	4,907	5,556	2,808	1,245	970	1,536	2,121	3,103	4,367
60% Exceedance	3,428	3,484	2,375	3,661	4,186	2,072	1,086	900	1,500	1,621	2,857	4,083
70% Exceedance	2,874	2,730	1,472	2,955	3,300	1,669	1,000	900	1,037	1,500	2,430	3,760
80% Exceedance	2,368	2,405	900	1,941	2,062	1,517	930	900	900	1,490	2,105	3,035
90% Exceedance	2,003	1,779	900	1,458	1,497	1,277	900	900	900	1,026	1,506	2,070
Full Simulation Period Average^a	4,659	5,384	3,733	5,163	5,829	4,433	1,612	1,291	2,846	2,726	3,127	4,624
Wet Years (27.7%)	5,617	6,143	5,148	7,614	6,834	4,320	1,974	1,424	5,585	3,464	3,601	5,333
Above Normal Years (13.9%)	4,584	4,452	3,712	5,653	7,591	5,352	1,718	1,257	2,739	2,154	2,935	3,860
Below Normal Years (17.8%)	5,071	7,449	3,517	4,388	5,075	4,833	2,034	1,569	2,286	2,465	3,360	5,620
Dry Years (23.8%)	4,707	5,507	3,641	3,399	5,177	4,867	1,203	1,158	1,249	3,115	3,238	4,860
Critical Years (15.8%)	2,617	2,258	1,529	3,965	4,353	2,725	1,021	971	1,171	1,643	2,035	2,580

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-6 c. Total Delta Exports, ALT3 Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-1,144	0	-1,985	-584	-981	177	-5,685	-6,006	-908	-7,636	-6,719	-3,718
20% Exceedance	-594	-2,385	-2,736	-712	-779	-679	-3,621	-3,994	-1,628	-7,854	-7,536	-3,330
30% Exceedance	-1,441	-4,299	-3,184	-700	-647	-861	-3,009	-3,262	-2,929	-7,760	-7,608	-2,517
40% Exceedance	-1,270	-4,482	-4,159	-1,140	-627	-2,221	-2,566	-2,834	-3,318	-7,647	-7,079	-1,635
50% Exceedance	-1,332	-4,300	-4,140	-1,668	-1,246	-3,376	-2,254	-2,300	-3,689	-7,938	-6,164	-1,178
60% Exceedance	-1,321	-4,144	-4,485	-2,662	-2,290	-3,464	-2,153	-2,175	-3,622	-7,339	-3,719	-837
70% Exceedance	-494	-2,543	-4,948	-2,958	-2,927	-3,720	-1,985	-2,047	-3,992	-6,245	-2,118	-748
80% Exceedance	-193	-1,271	-3,615	-3,715	-3,771	-3,496	-1,924	-1,765	-3,481	-3,499	-994	-1,288
90% Exceedance	-192	-574	-1,643	-3,636	-3,877	-3,436	-1,341	-1,141	-600	-74	-494	-638
Full Simulation Period Average^a	-854	-2,374	-3,293	-1,919	-1,816	-2,145	-2,738	-2,912	-2,528	-5,664	-4,431	-1,606
Wet Years (27.7%)	-1,972	-4,646	-3,358	-1,605	-3,154	-4,240	-5,162	-5,331	-1,809	-7,181	-7,402	-3,149
Above Normal Years (13.9%)	-1,605	-5,659	-4,299	-1,790	-693	-1,586	-2,544	-3,084	-3,133	-8,271	-7,835	-2,183
Below Normal Years (17.8%)	-818	-107	-3,511	-2,023	-2,040	-1,384	-1,778	-2,105	-3,224	-7,566	-5,759	-1,354
Dry Years (23.8%)	481	-593	-1,835	-2,818	-1,147	-896	-1,882	-1,763	-3,688	-4,605	-1,113	-627
Critical Years (15.8%)	-151	-391	-4,197	-1,115	-1,209	-1,699	-1,028	-1,158	-732	-180	265	-155

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-7 a. Total Delta Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	8,706	11,280	9,791	10,077	11,472	9,450	8,502	7,940	7,949	11,572	11,455	10,409
20% Exceedance	7,251	11,280	9,051	8,279	9,681	7,993	5,653	5,492	6,351	11,396	11,406	9,202
30% Exceedance	6,851	11,072	8,217	7,362	8,158	7,448	4,770	4,564	5,855	11,001	11,064	7,775
40% Exceedance	6,321	10,103	7,717	6,953	7,273	6,541	4,155	3,875	5,440	10,540	10,357	6,362
50% Exceedance	5,788	9,094	7,201	6,575	6,802	6,184	3,499	3,270	5,226	10,059	9,267	5,544
60% Exceedance	4,749	7,627	6,860	6,324	6,476	5,536	3,239	3,075	5,122	8,959	6,576	4,920
70% Exceedance	3,368	5,273	6,420	5,912	6,227	5,389	2,985	2,947	5,028	7,745	4,548	4,509
80% Exceedance	2,561	3,676	4,515	5,656	5,833	5,013	2,854	2,665	4,381	4,989	3,100	4,323
90% Exceedance	2,194	2,353	2,543	5,094	5,374	4,713	2,241	2,041	1,500	1,100	2,000	2,708
Full Simulation Period Average^a	5,513	7,757	7,026	7,082	7,645	6,578	4,349	4,202	5,374	8,390	7,557	6,230
Wet Years (27.7%)	7,588	10,790	8,506	9,219	9,989	8,560	7,136	6,755	7,394	10,645	11,003	8,482
Above Normal Years (13.9%)	6,189	10,111	8,012	7,443	8,284	6,938	4,262	4,341	5,872	10,425	10,770	6,043
Below Normal Years (17.8%)	5,889	7,557	7,029	6,410	7,115	6,217	3,812	3,675	5,511	10,031	9,119	6,974
Dry Years (23.8%)	4,226	6,099	5,476	6,217	6,324	5,763	3,085	2,921	4,937	7,720	4,351	5,486
Critical Years (15.8%)	2,768	2,649	5,726	5,080	5,562	4,424	2,049	2,129	1,903	1,823	1,770	2,734

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-7 b. Total Delta Exports, ALT4, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	11,004	11,280	8,416	9,647	12,297	10,516	9,339	9,815	7,775	11,762	11,780	11,780
20% Exceedance	8,743	11,280	7,748	7,810	10,375	8,919	7,326	7,535	6,078	11,576	11,780	10,154
30% Exceedance	7,786	11,227	7,197	7,117	8,992	8,016	6,451	6,340	5,582	11,244	11,750	8,057
40% Exceedance	6,892	10,355	6,892	6,745	8,032	7,126	5,549	5,476	4,951	10,900	11,260	6,665
50% Exceedance	6,049	9,053	6,187	6,556	7,588	6,245	4,463	4,700	4,734	10,352	10,141	5,916
60% Exceedance	5,455	7,421	5,973	6,261	7,040	5,752	3,777	3,664	4,563	9,672	7,176	5,404
70% Exceedance	3,601	5,394	5,588	5,870	6,608	5,331	3,456	3,379	4,468	7,922	4,537	4,791
80% Exceedance	2,627	3,536	4,214	5,428	6,182	4,995	3,137	2,973	4,279	4,576	2,860	4,344
90% Exceedance	2,042	2,426	2,672	5,078	5,316	4,631	2,647	2,238	1,482	1,411	1,745	3,258
Full Simulation Period Average^a	6,071	7,808	6,216	6,907	8,218	6,931	5,175	5,252	5,037	8,564	7,913	6,716
Wet Years (27.7%)	9,067	10,730	7,070	8,850	10,539	9,684	8,102	8,510	7,221	10,614	11,435	9,269
Above Normal Years (13.9%)	7,074	10,223	6,884	7,072	9,170	7,408	5,823	5,716	5,431	10,944	11,615	7,317
Below Normal Years (17.8%)	5,909	7,656	6,605	6,266	7,575	6,221	4,815	4,696	5,039	10,587	9,671	7,253
Dry Years (23.8%)	4,242	6,022	5,123	6,267	6,783	5,716	3,584	3,545	4,399	7,807	4,532	5,520
Critical Years (15.8%)	2,856	3,019	5,186	5,045	6,201	4,314	2,276	2,329	1,822	1,755	1,604	2,910

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-7 c. Total Delta Exports, ALT4 Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,298	0	-1,375	-430	826	1,067	837	1,875	-174	190	325	1,371
20% Exceedance	1,492	0	-1,302	-469	694	927	1,673	2,043	-273	180	374	952
30% Exceedance	935	156	-1,020	-246	834	568	1,681	1,776	-274	244	687	282
40% Exceedance	571	252	-825	-207	759	585	1,394	1,600	-488	360	903	303
50% Exceedance	260	-40	-1,014	-19	786	61	964	1,430	-492	293	874	372
60% Exceedance	707	-207	-887	-62	564	215	538	589	-559	713	600	484
70% Exceedance	233	122	-832	-43	382	-57	471	432	-561	177	-11	282
80% Exceedance	65	-140	-301	-228	349	-18	282	308	-101	-413	-240	21
90% Exceedance	-152	73	128	-16	-57	-82	405	197	-18	311	-256	550
Full Simulation Period Average^a	559	51	-810	-175	573	353	825	1,049	-337	174	355	485
Wet Years (27.7%)	1,479	-60	-1,435	-369	550	1,124	966	1,755	-173	-31	432	787
Above Normal Years (13.9%)	885	112	-1,128	-371	886	470	1,560	1,374	-441	519	845	1,274
Below Normal Years (17.8%)	20	99	-424	-145	460	5	1,003	1,021	-472	556	552	279
Dry Years (23.8%)	16	-77	-353	49	459	-47	498	624	-538	87	181	34
Critical Years (15.8%)	88	370	-540	-35	639	-109	227	199	-81	-69	-166	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-8 a. Total Delta Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	8,706	11,280	9,791	10,077	11,472	9,450	8,502	7,940	7,949	11,572	11,455	10,409
20% Exceedance	7,251	11,280	9,051	8,279	9,681	7,993	5,653	5,492	6,351	11,396	11,406	9,202
30% Exceedance	6,851	11,072	8,217	7,362	8,158	7,448	4,770	4,564	5,855	11,001	11,064	7,775
40% Exceedance	6,321	10,103	7,717	6,953	7,273	6,541	4,155	3,875	5,440	10,540	10,357	6,362
50% Exceedance	5,788	9,094	7,201	6,575	6,802	6,184	3,499	3,270	5,226	10,059	9,267	5,544
60% Exceedance	4,749	7,627	6,860	6,324	6,476	5,536	3,239	3,075	5,122	8,959	6,576	4,920
70% Exceedance	3,368	5,273	6,420	5,912	6,227	5,389	2,985	2,947	5,028	7,745	4,548	4,509
80% Exceedance	2,561	3,676	4,515	5,656	5,833	5,013	2,854	2,665	4,381	4,989	3,100	4,323
90% Exceedance	2,194	2,353	2,543	5,094	5,374	4,713	2,241	2,041	1,500	1,100	2,000	2,708
Full Simulation Period Average^a	5,513	7,757	7,026	7,082	7,645	6,578	4,349	4,202	5,374	8,390	7,557	6,230
Wet Years (27.7%)	7,588	10,790	8,506	9,219	9,989	8,560	7,136	6,755	7,394	10,645	11,003	8,482
Above Normal Years (13.9%)	6,189	10,111	8,012	7,443	8,284	6,938	4,262	4,341	5,872	10,425	10,770	6,043
Below Normal Years (17.8%)	5,889	7,557	7,029	6,410	7,115	6,217	3,812	3,675	5,511	10,031	9,119	6,974
Dry Years (23.8%)	4,226	6,099	5,476	6,217	6,324	5,763	3,085	2,921	4,937	7,720	4,351	5,486
Critical Years (15.8%)	2,768	2,649	5,726	5,080	5,562	4,424	2,049	2,129	1,903	1,823	1,770	2,734

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-8 b. Total Delta Exports, Action 5, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	11,280	11,280	9,465	10,444	12,552	10,497	8,069	9,817	7,871	11,739	11,780	11,780
20% Exceedance	11,280	11,280	8,667	8,824	10,334	8,911	6,217	7,552	6,246	11,538	11,780	10,989
30% Exceedance	8,583	10,365	7,896	7,691	8,957	7,477	5,396	6,276	5,804	11,224	11,723	9,921
40% Exceedance	7,569	9,408	7,422	7,116	7,942	6,906	4,341	5,237	5,149	10,701	11,155	8,195
50% Exceedance	6,677	7,696	6,969	6,712	7,130	6,289	3,318	4,624	4,857	10,148	10,139	7,057
60% Exceedance	5,909	7,200	6,798	6,433	6,695	5,405	2,922	3,481	4,753	9,121	8,140	6,115
70% Exceedance	5,193	5,909	6,129	6,206	6,268	4,734	2,680	3,144	4,648	8,094	6,524	5,416
80% Exceedance	3,013	3,810	4,794	5,815	5,823	4,511	2,141	2,563	4,520	5,200	3,684	4,592
90% Exceedance	2,073	2,744	3,237	5,111	5,107	3,491	1,500	2,018	1,476	2,223	2,135	3,386
Full Simulation Period Average^a	6,791	7,547	6,949	7,241	8,036	6,593	4,249	5,091	5,162	8,629	8,291	7,427
Wet Years (27.7%)	9,785	9,819	8,141	9,470	10,598	9,538	7,059	8,486	7,373	10,469	11,382	10,828
Above Normal Years (13.9%)	8,887	9,184	7,409	7,720	9,296	7,031	3,657	5,349	5,525	10,566	11,490	8,899
Below Normal Years (17.8%)	6,813	8,245	7,323	6,583	7,569	5,411	3,998	4,517	5,068	10,433	10,184	7,465
Dry Years (23.8%)	4,405	6,277	5,613	6,338	6,302	5,265	2,827	3,197	4,707	8,263	5,603	5,532
Critical Years (15.8%)	2,915	2,924	5,886	5,016	5,575	4,378	2,268	2,410	1,763	2,231	1,982	2,988

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-10-8 c. Total Delta Exports, Action 5 Minus NAA, Monthly Delivery (cfs)

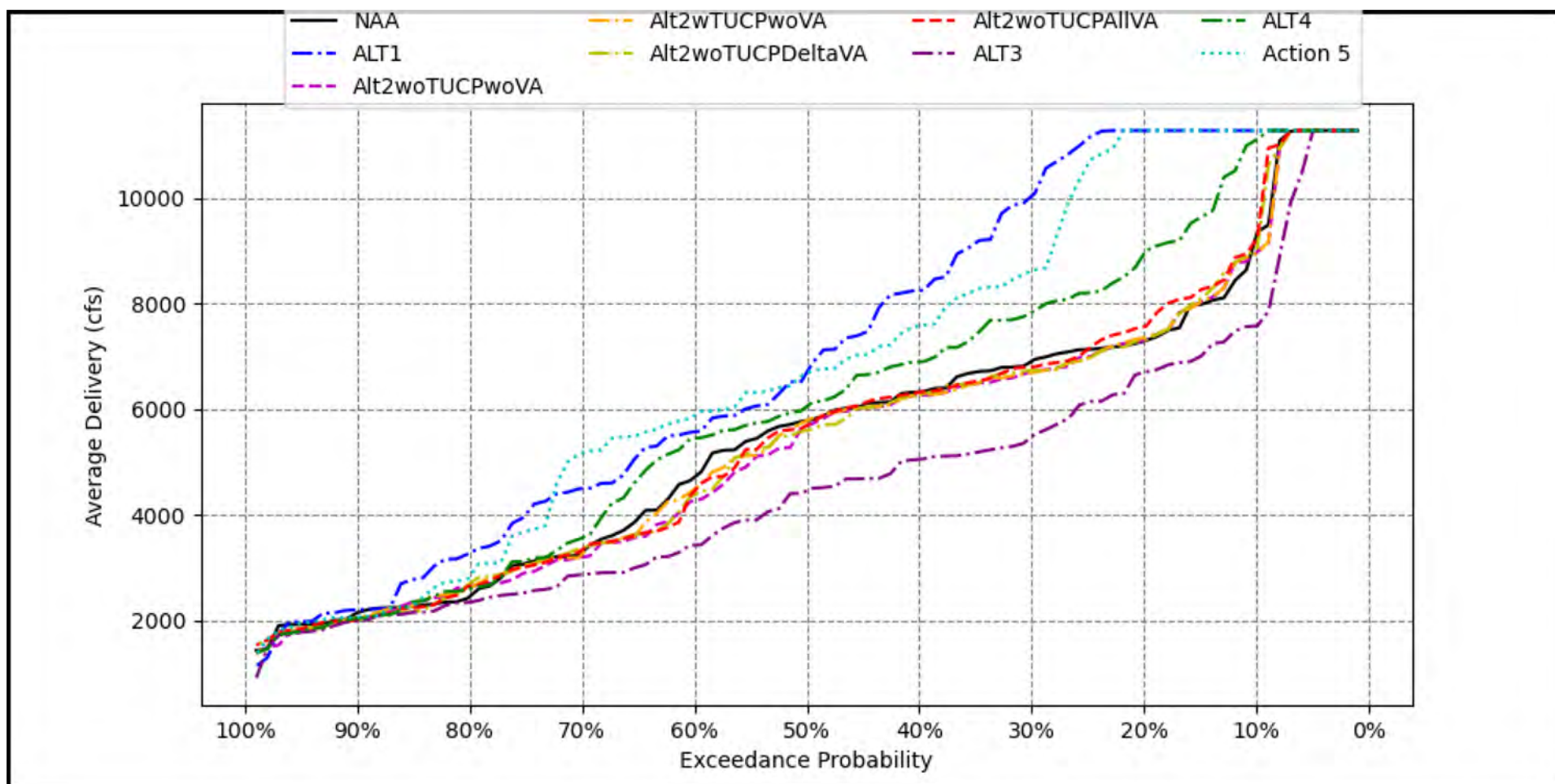
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,574	0	-326	367	1,081	1,048	-433	1,877	-78	167	325	1,371
20% Exceedance	4,029	0	-383	546	653	918	564	2,059	-106	142	374	1,787
30% Exceedance	1,732	-707	-321	328	799	29	626	1,712	-52	224	660	2,146
40% Exceedance	1,248	-695	-295	163	669	366	187	1,362	-290	161	798	1,833
50% Exceedance	889	-1,398	-232	137	328	105	-181	1,354	-368	89	873	1,513
60% Exceedance	1,160	-427	-62	109	219	-132	-317	406	-369	162	1,564	1,195
70% Exceedance	1,824	636	-291	294	41	-655	-305	197	-380	350	1,976	907
80% Exceedance	452	134	279	159	-10	-502	-714	-102	139	211	585	269
90% Exceedance	-121	391	694	17	-267	-1,222	-741	-23	-24	1,123	134	678
Full Simulation Period Average^a	1,278	-211	-77	159	391	15	-100	888	-212	239	733	1,197
Wet Years (27.7%)	2,196	-971	-365	251	610	978	-77	1,731	-21	-175	379	2,346
Above Normal Years (13.9%)	2,698	-927	-603	278	1,012	93	-606	1,007	-347	141	720	2,856
Below Normal Years (17.8%)	924	689	294	172	454	-805	186	842	-443	402	1,066	491
Dry Years (23.8%)	179	178	137	121	-23	-498	-259	276	-230	543	1,252	45
Critical Years (15.8%)	147	275	160	-64	13	-45	220	281	-140	408	212	254

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

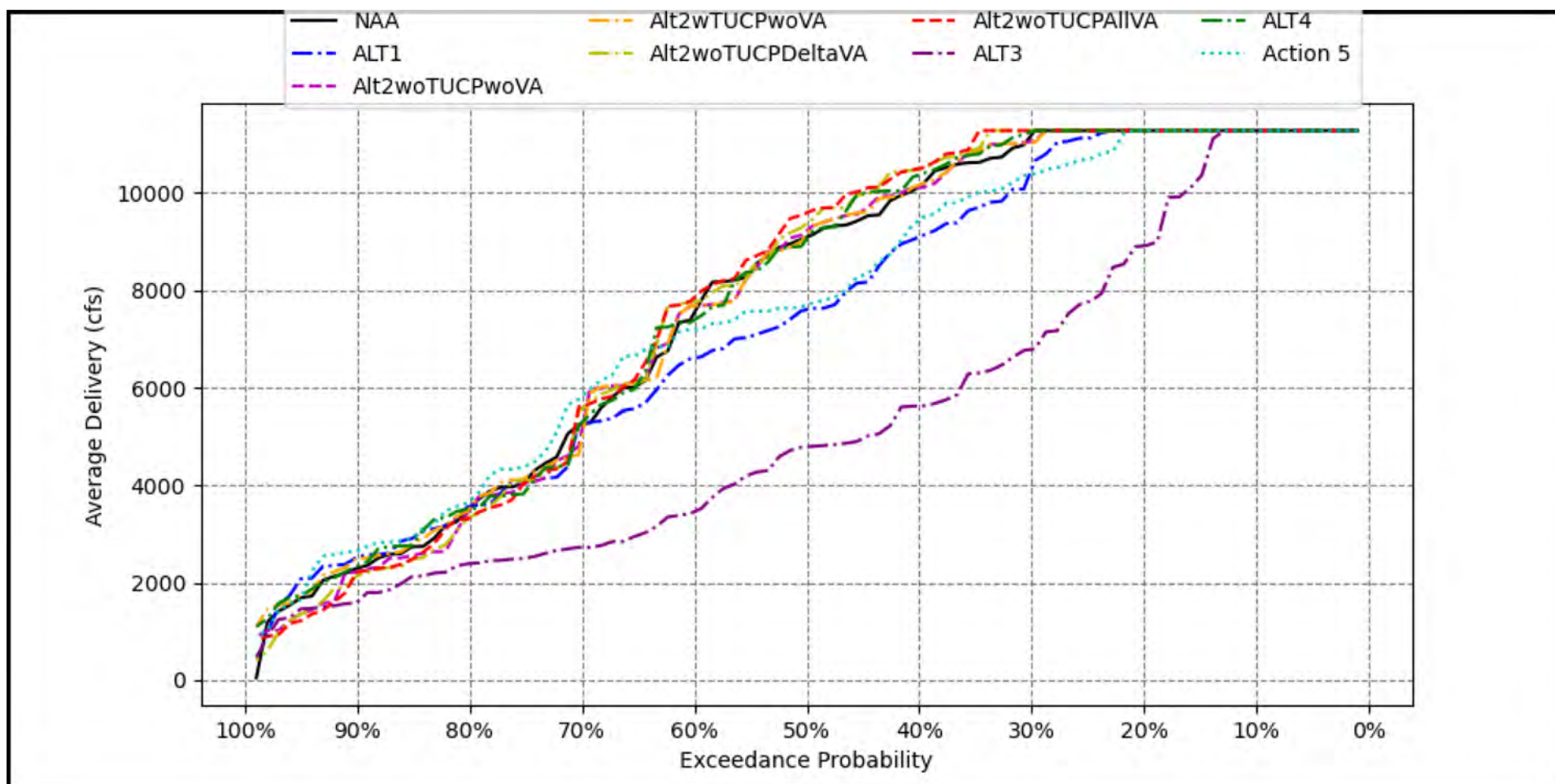
* Water Year Types defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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



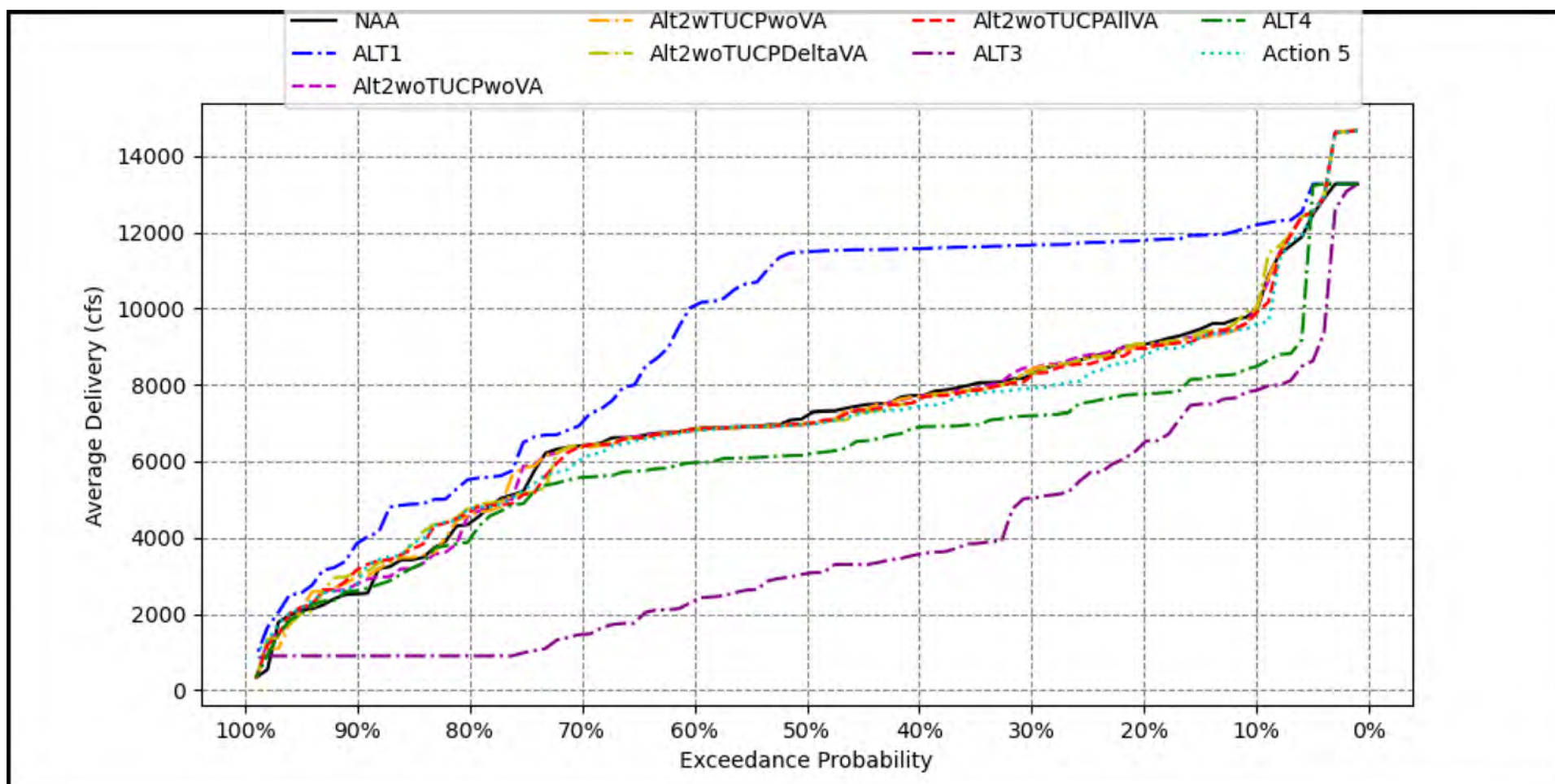
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-10-1 Total Delta Exports, October Delivery



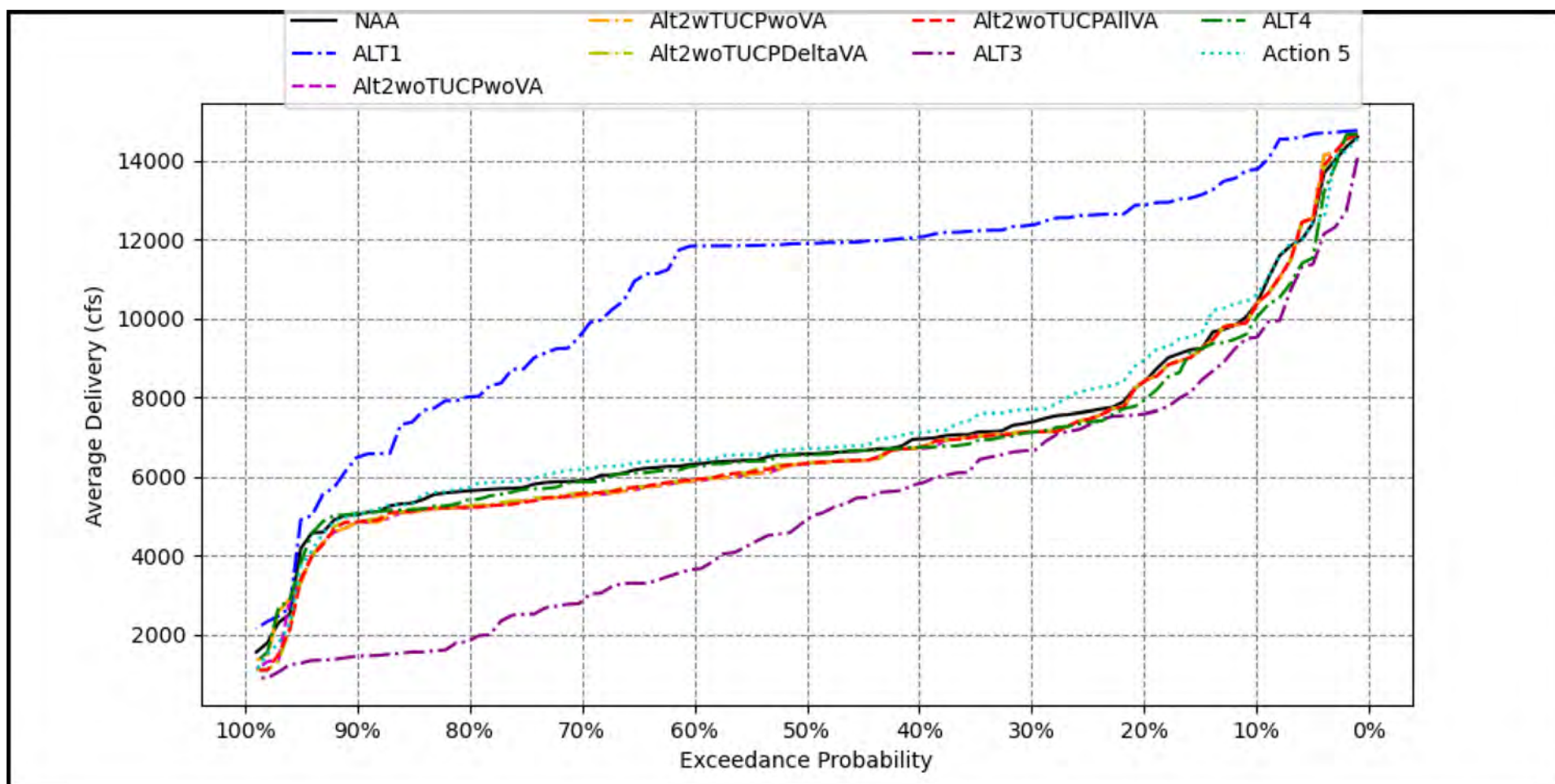
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-10-2 Total Delta Exports, November Delivery



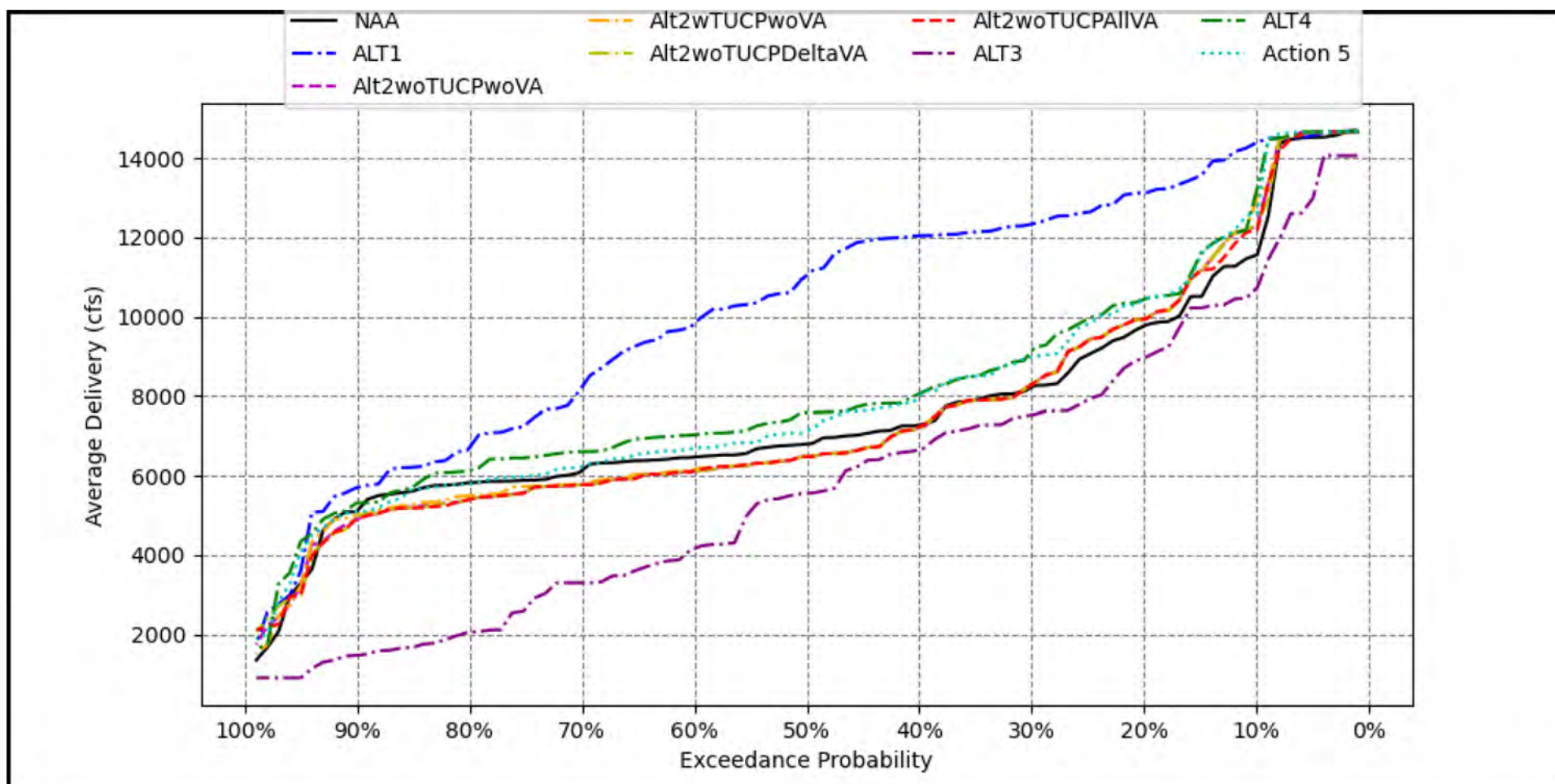
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-10-3 Total Delta Exports, December Delivery



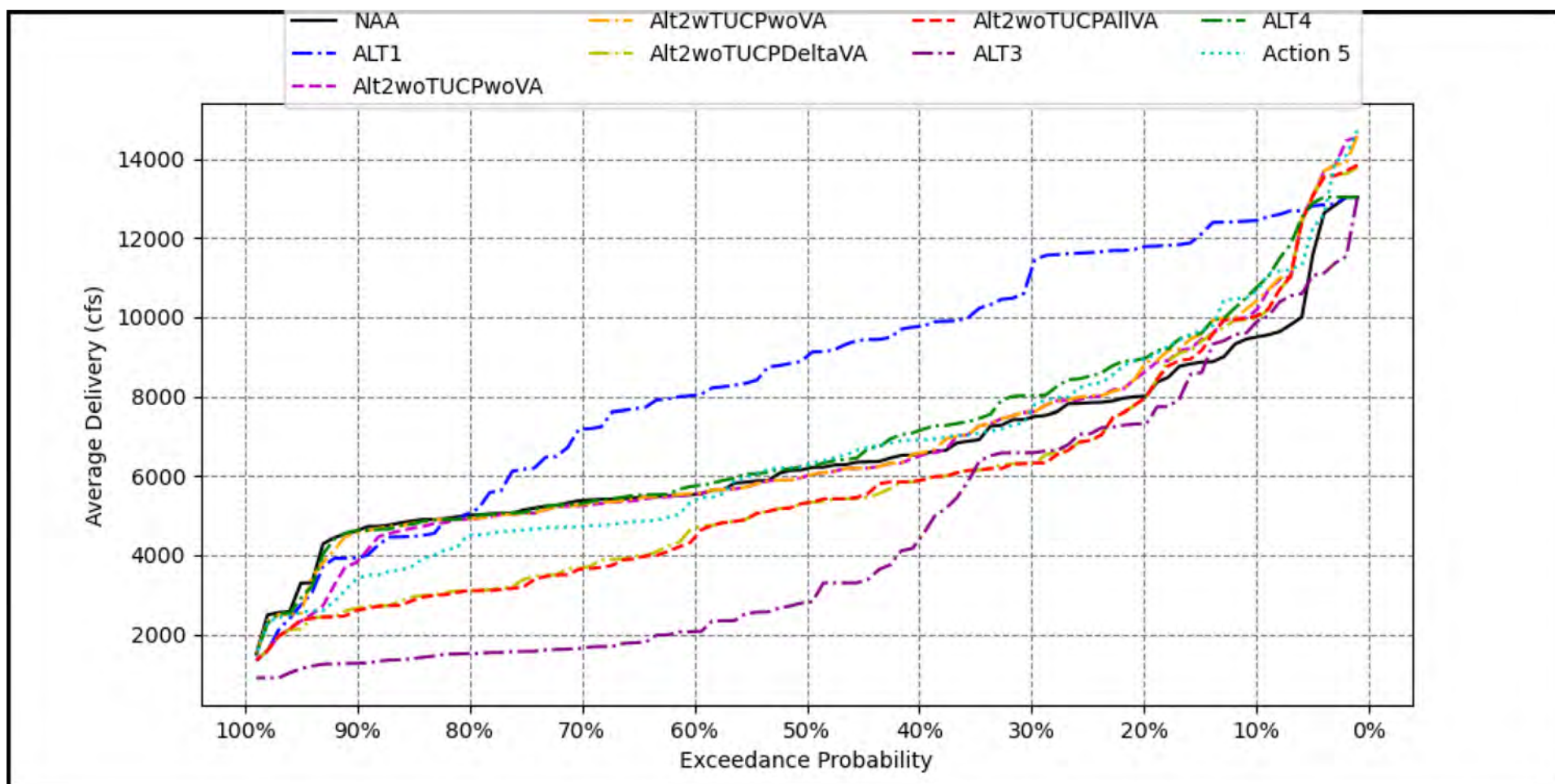
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-10-4 Total Delta Exports, January Delivery



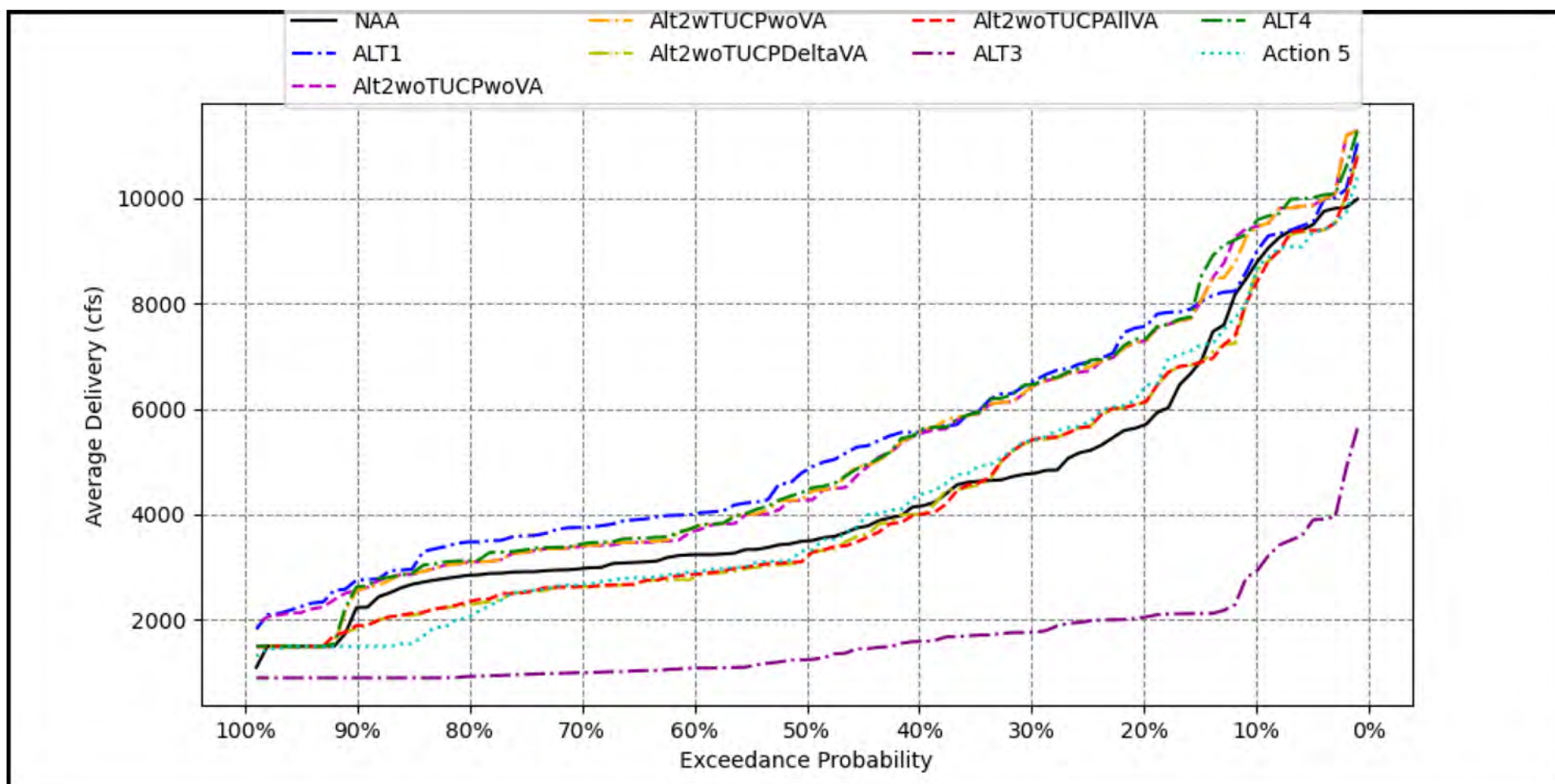
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-10-5 Total Delta Exports, February Delivery



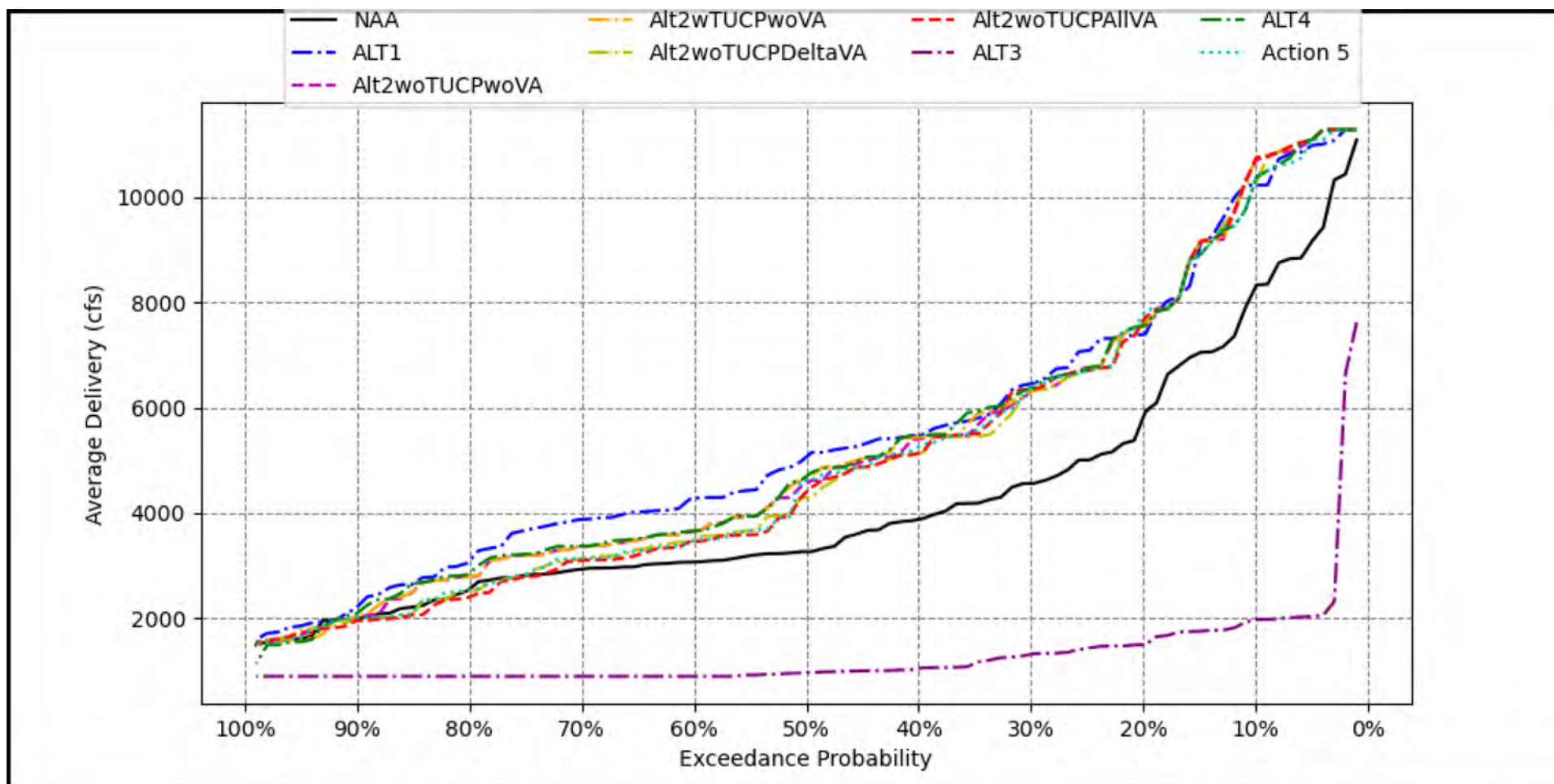
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-10-6 Total Delta Exports, March Delivery



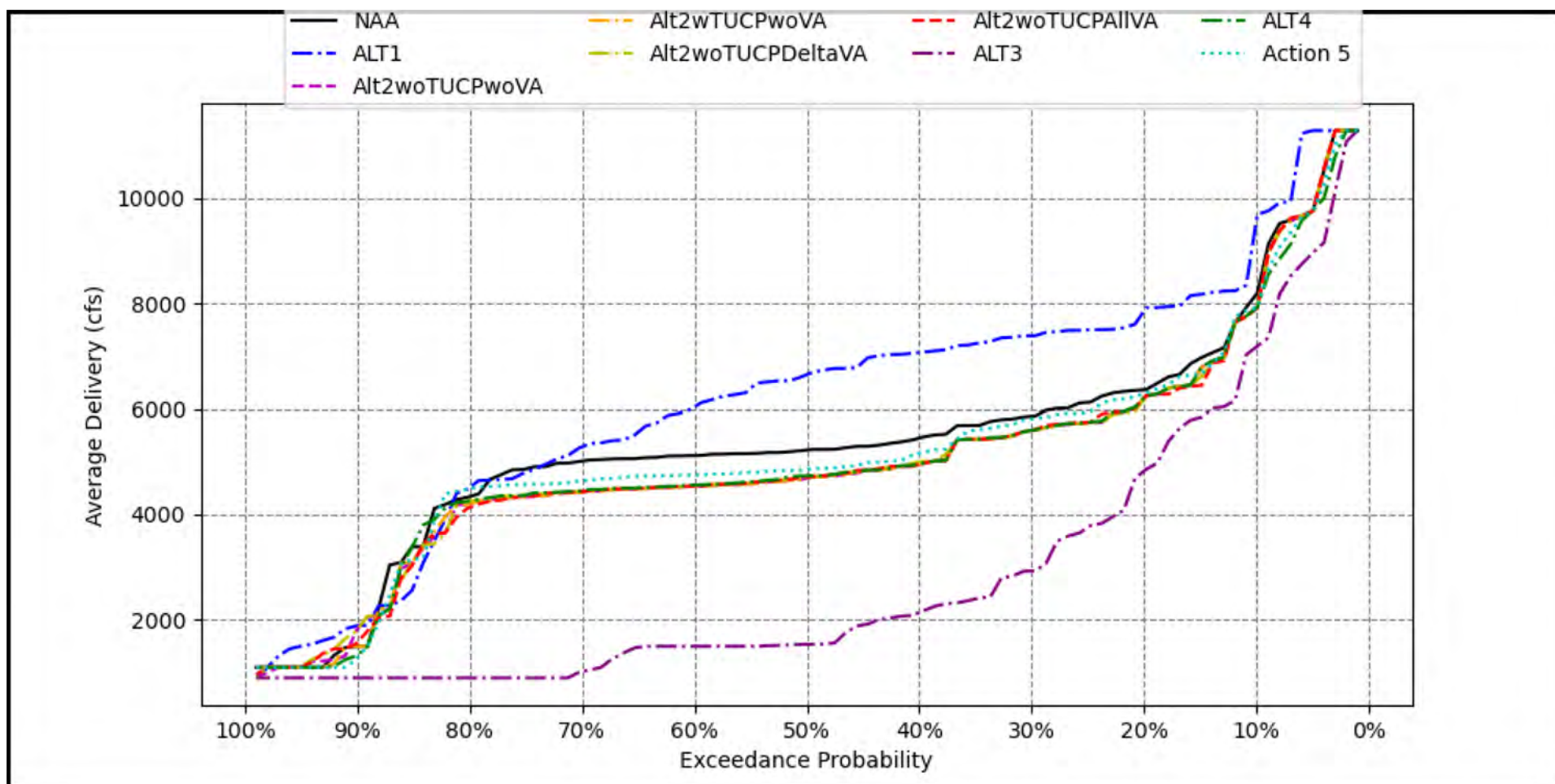
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-10-7 Total Delta Exports, April Delivery



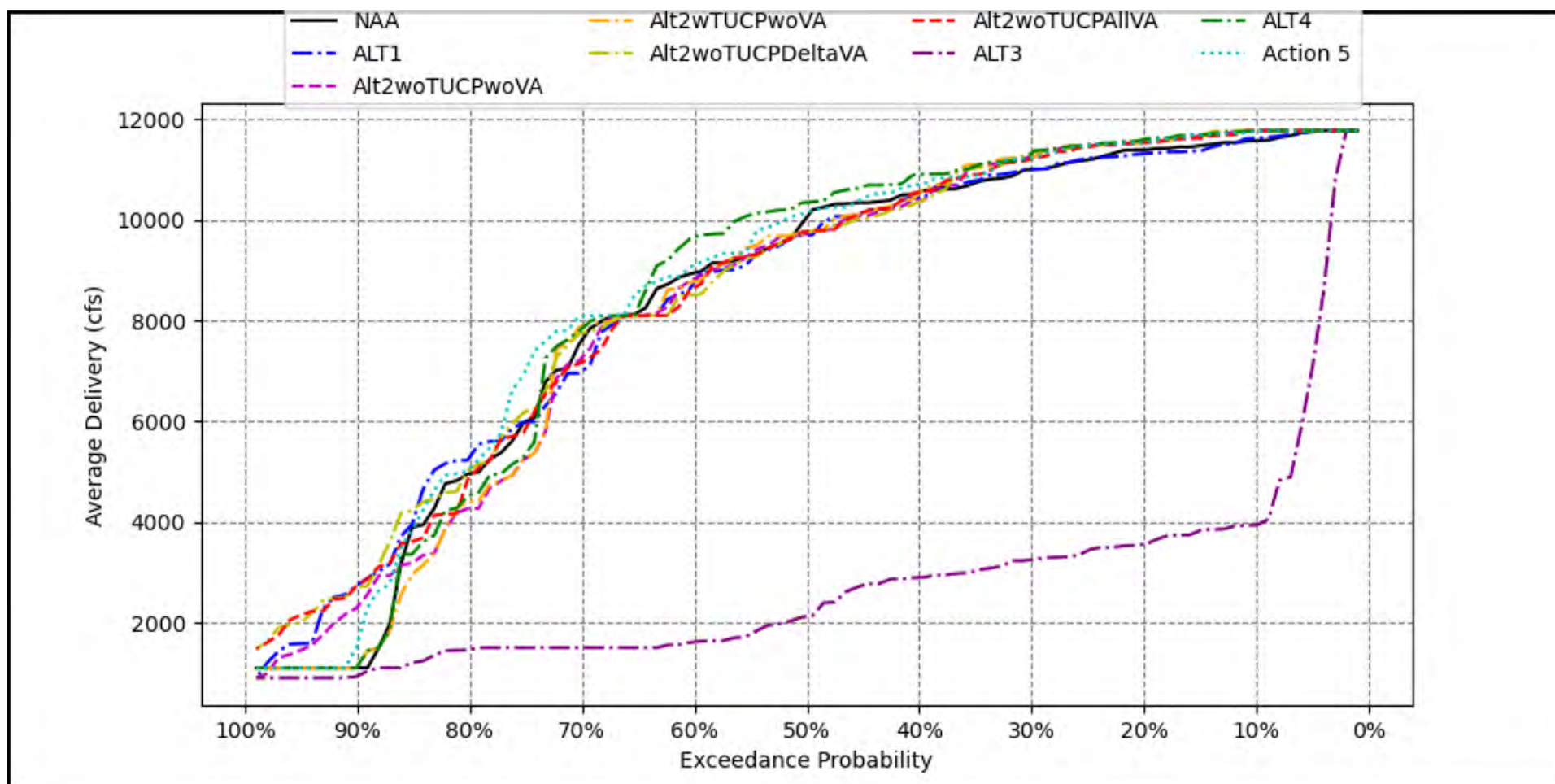
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-10-8 Total Delta Exports, May Delivery



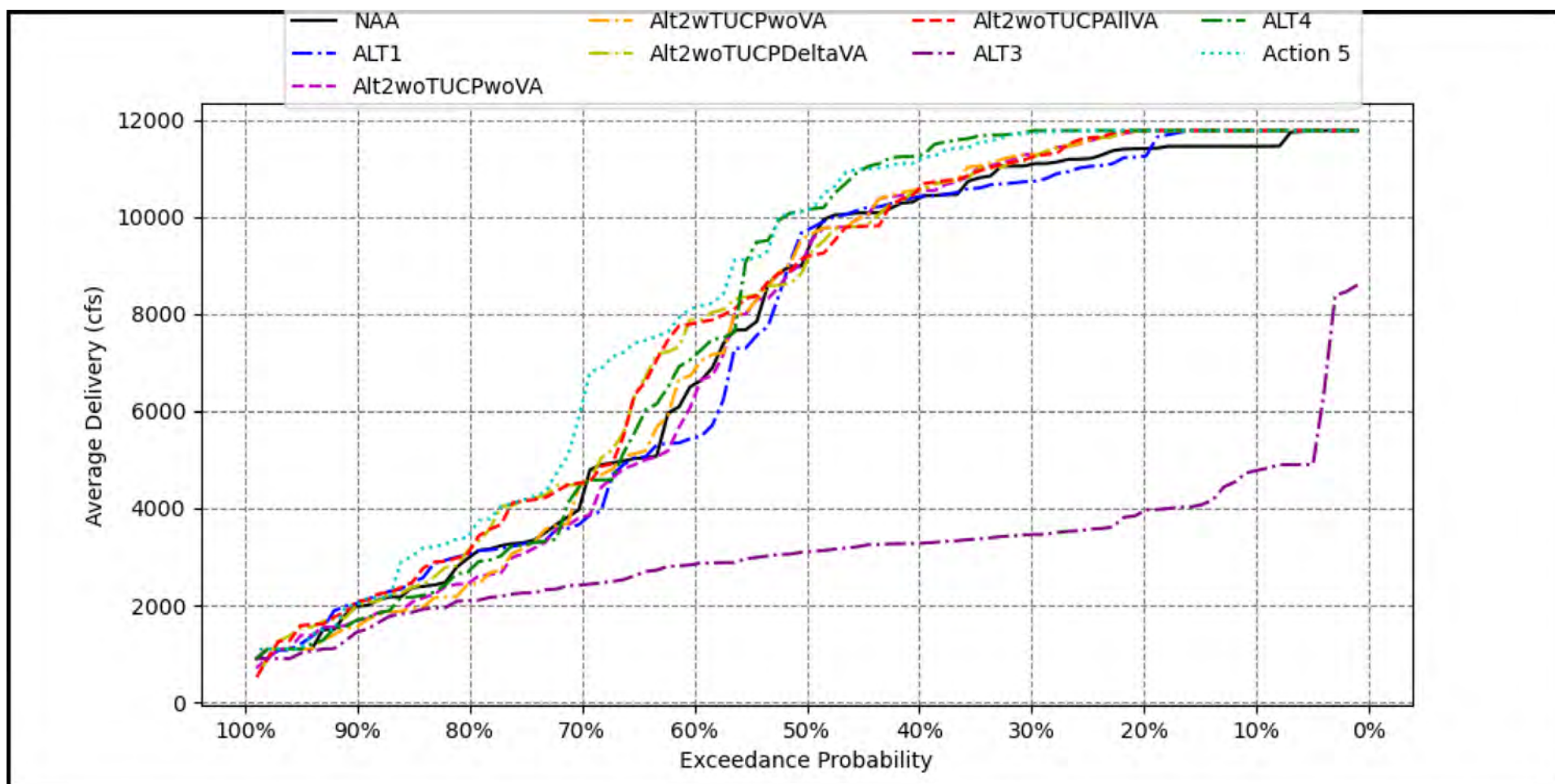
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-10-9 Total Delta Exports, June Delivery



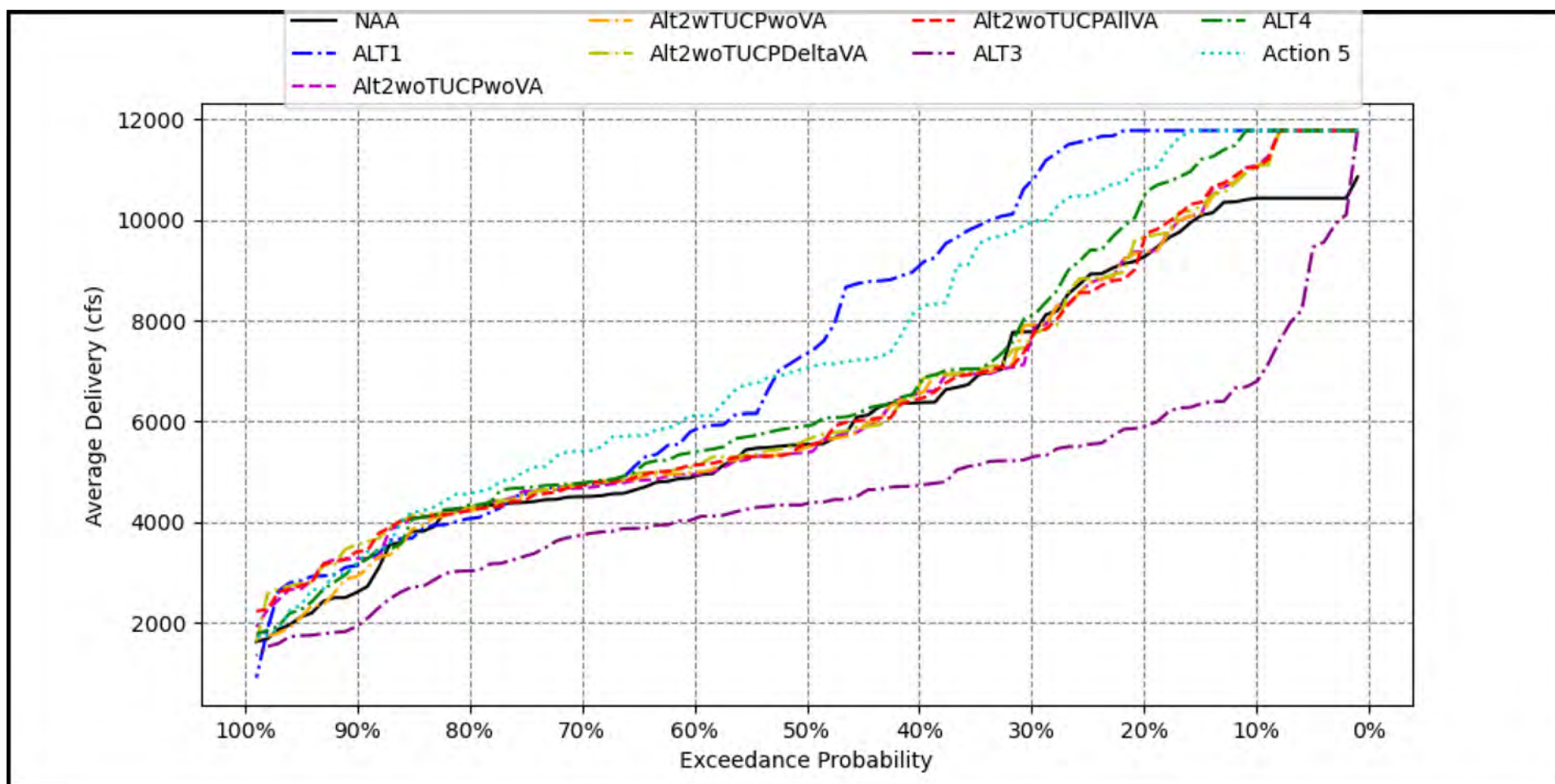
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-10-10 Total Delta Exports, July Delivery



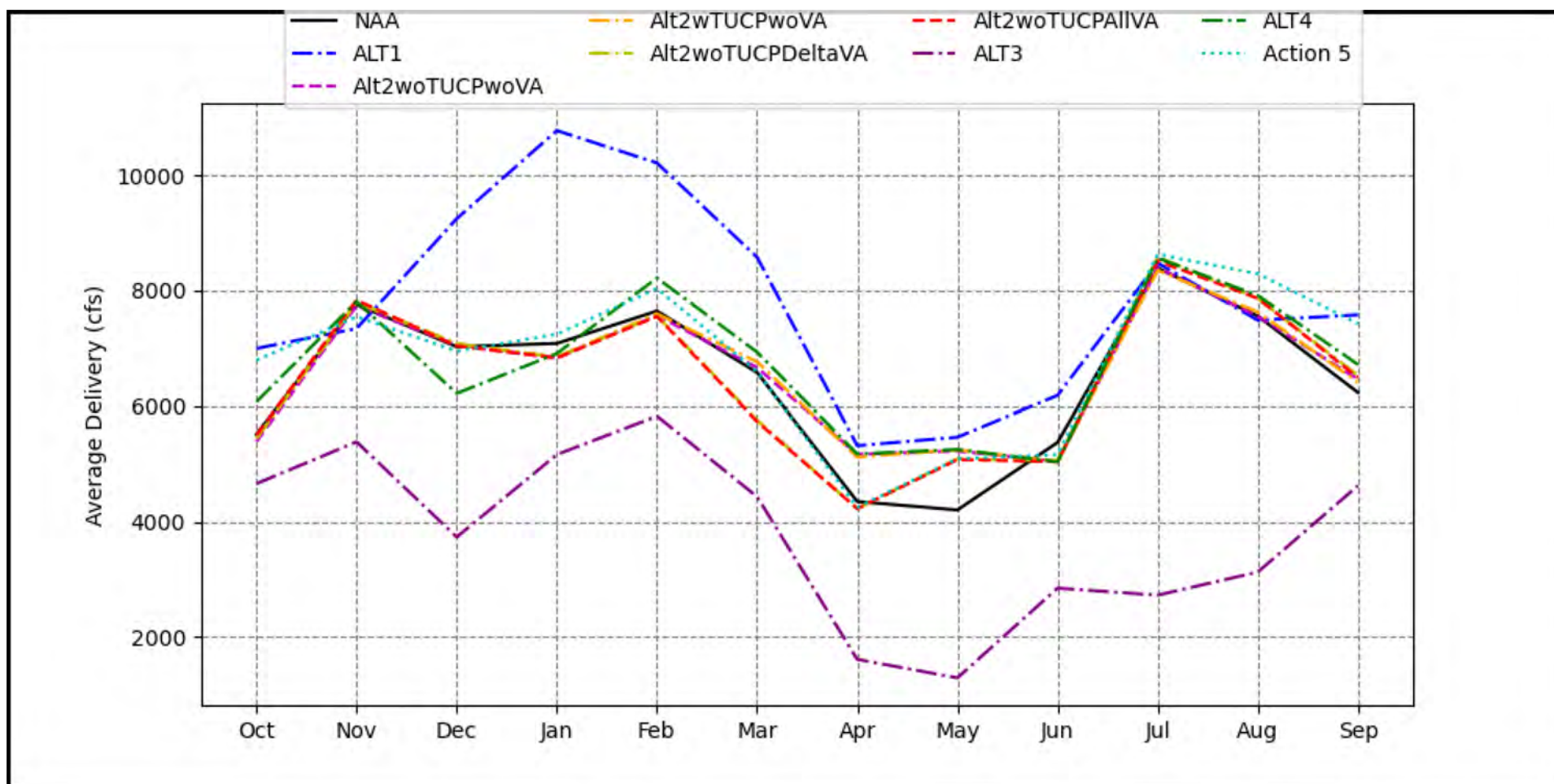
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-10-11 Total Delta Exports, August Delivery



*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-10-12 Total Delta Exports, September Delivery

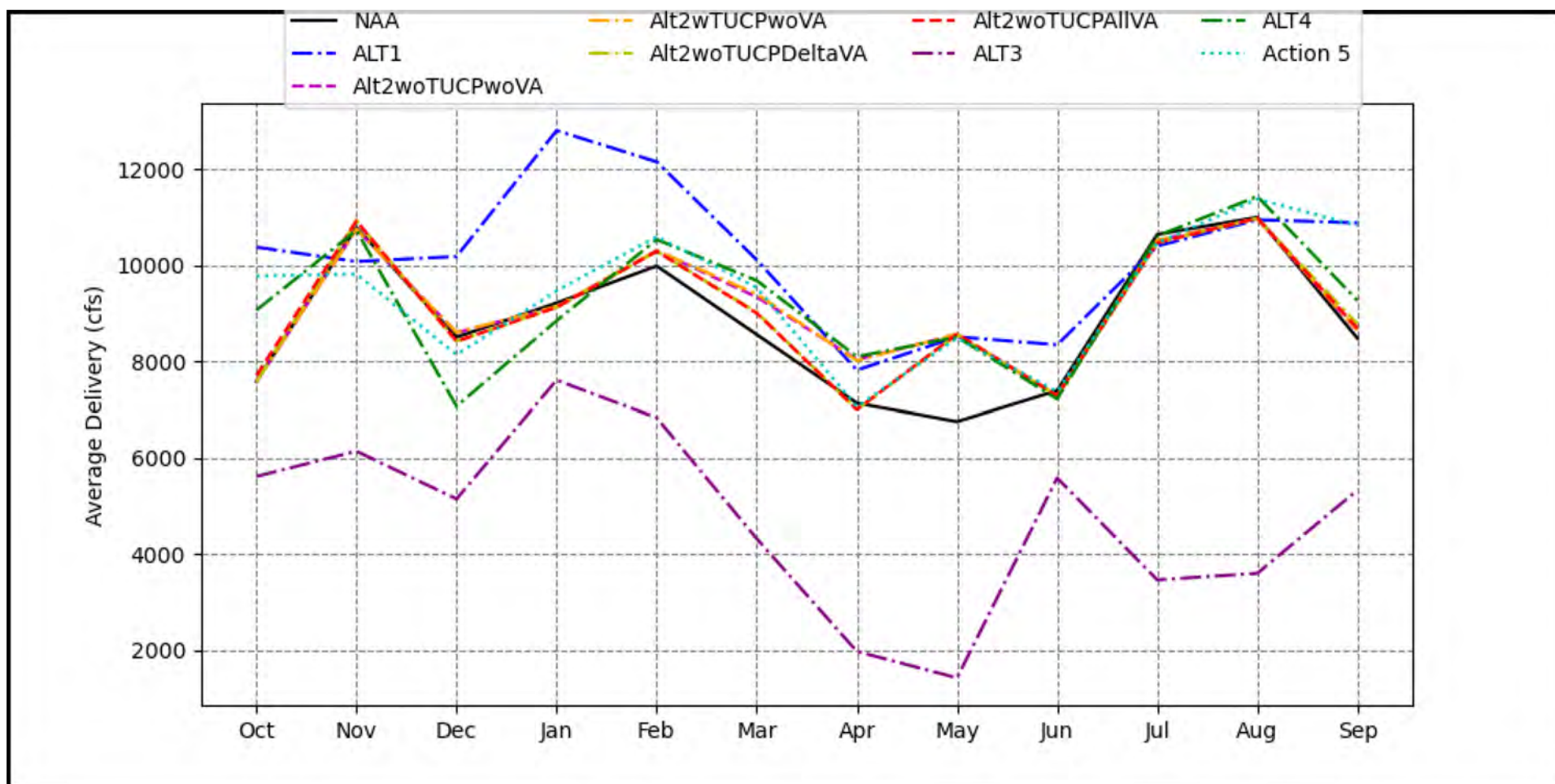


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-10-13 Total Delta Exports, Long Term Average Delivery (cfs)

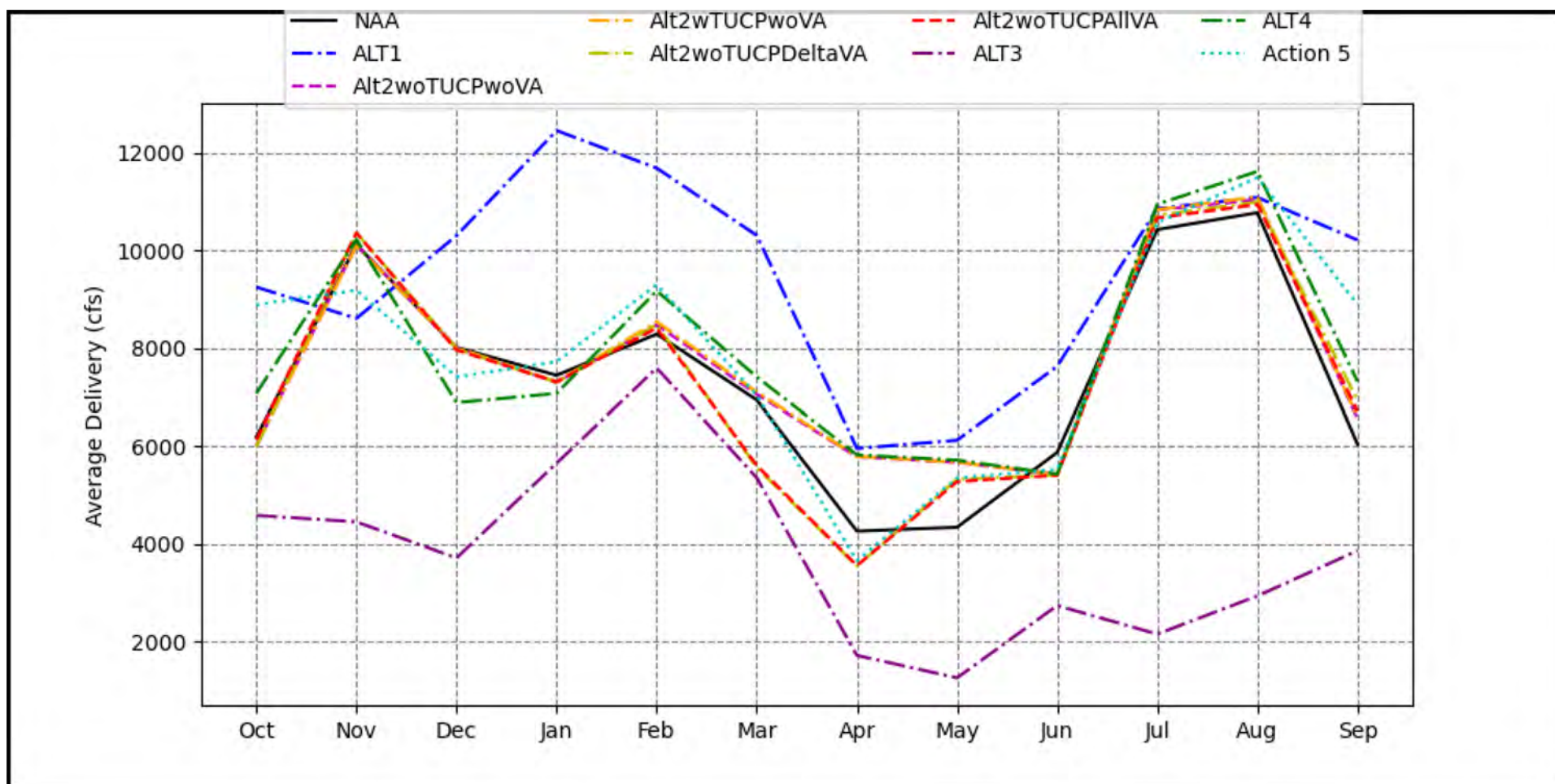


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-10-14 Total Delta Exports, Wet Year Average Delivery (cfs)

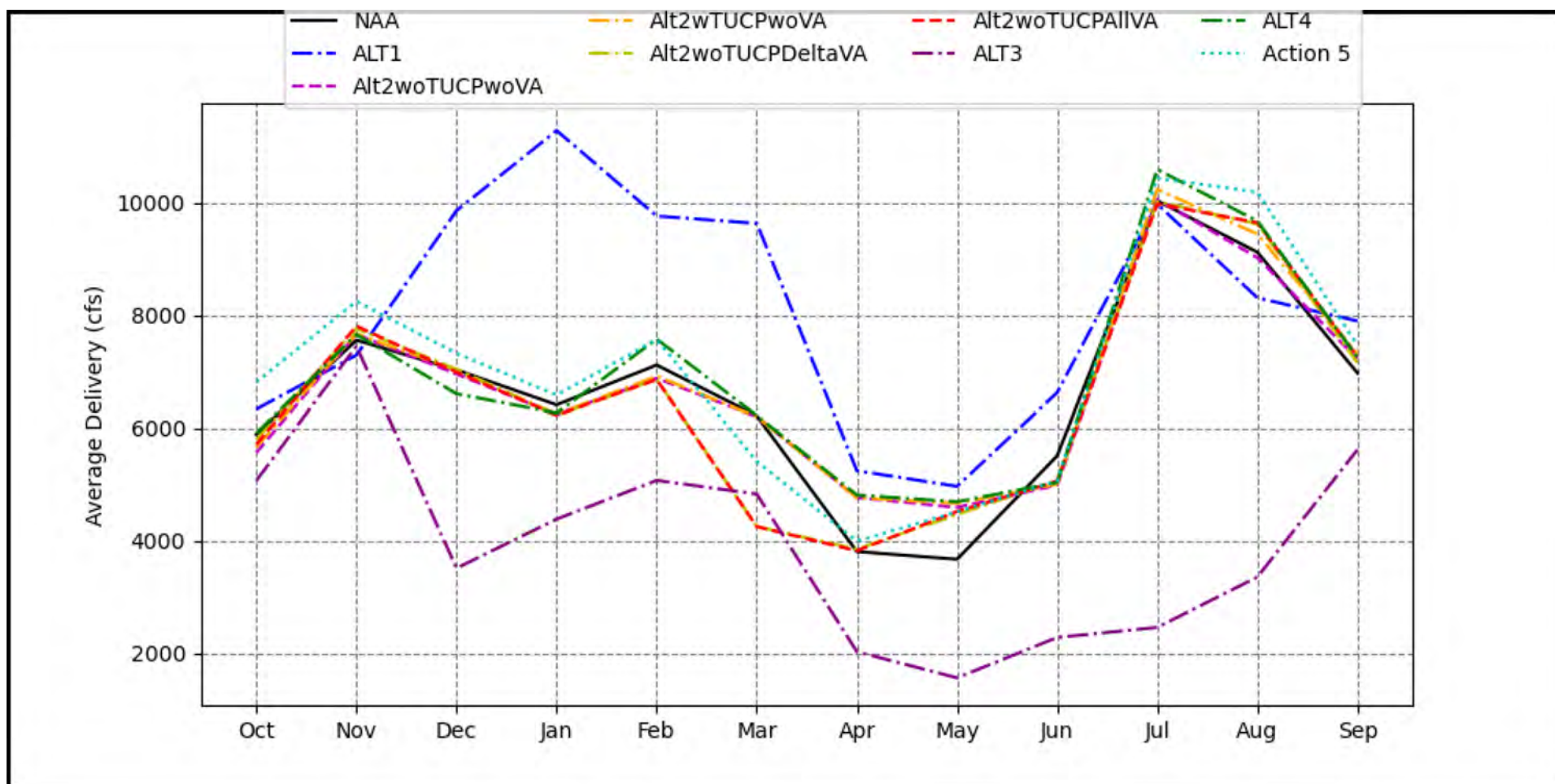


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-10-15 Total Delta Exports, Above Normal Year Average Delivery (cfs)

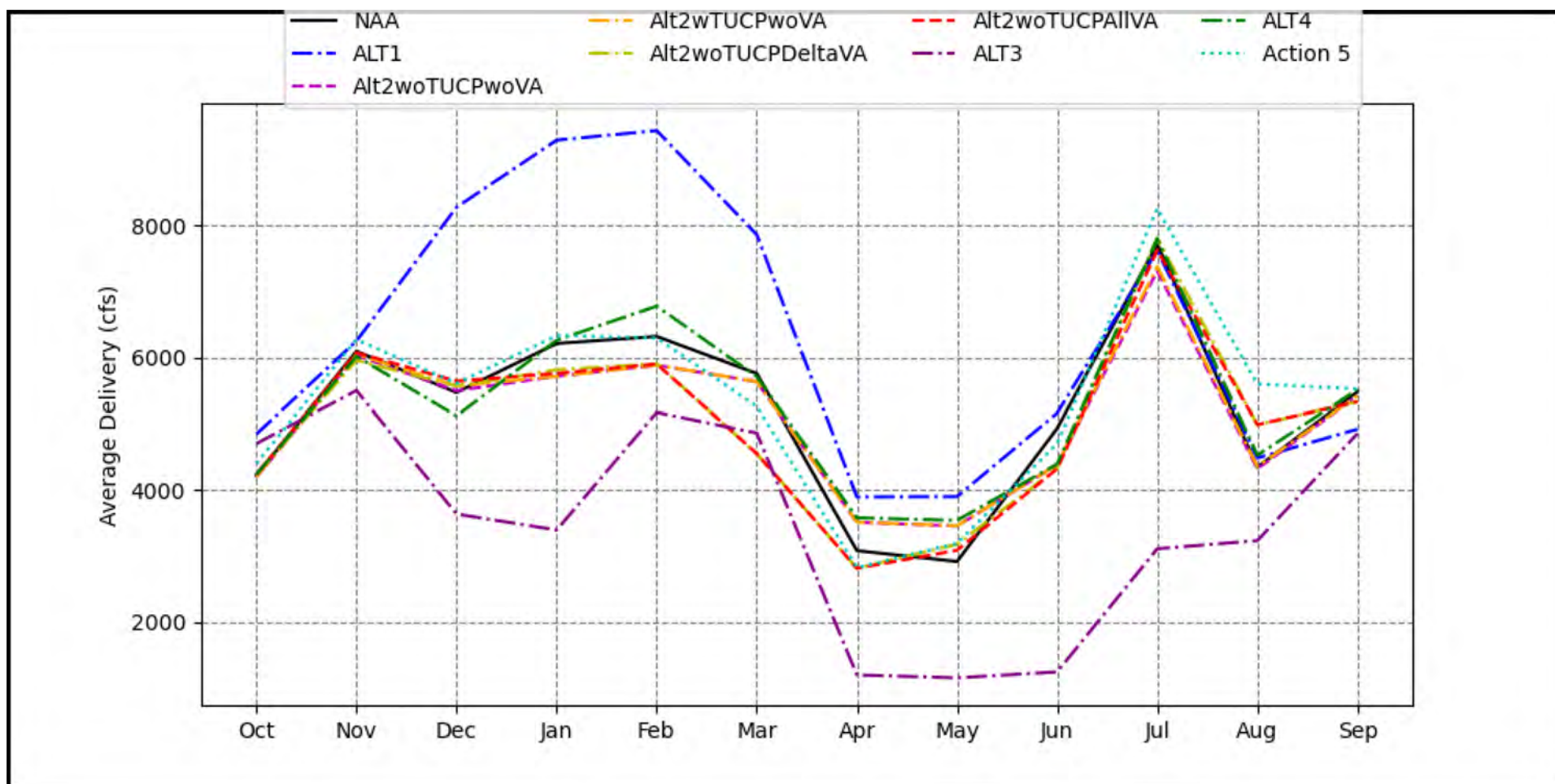


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-10-16 Total Delta Exports, Below Normal Year Average Delivery (cfs)

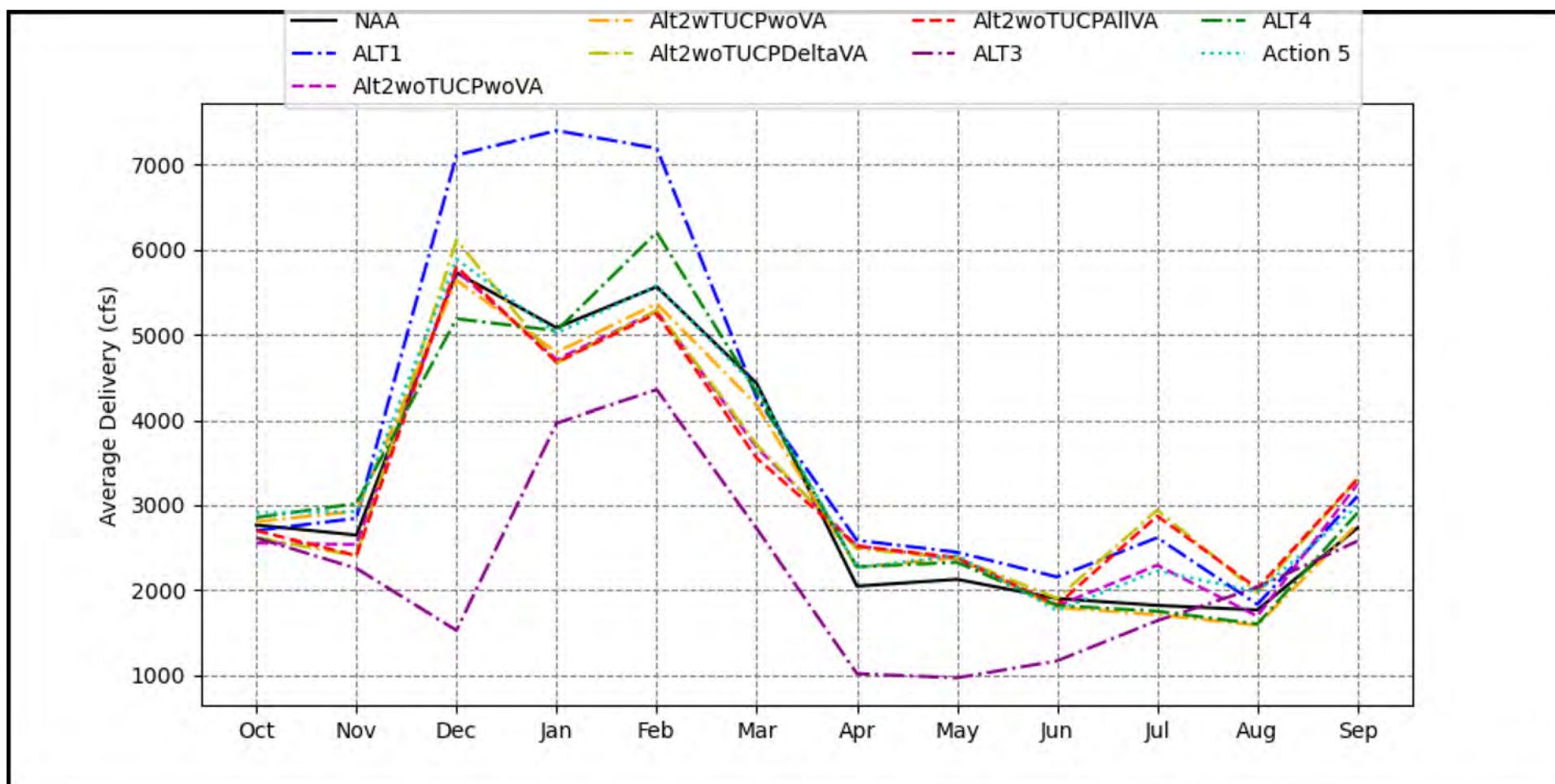


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-10-17 Total Delta Exports, Dry Year Average Delivery (cfs)



*As defined by the 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 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-10-18 Total Delta Exports, Critical Year Average Delivery (cfs)

F.2.3-11 Jones PP Exports

Table F.2.3-11-1 a. Jones PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,598	4,599	4,599	4,598	4,597	4,597	3,994	4,595	4,592	4,591	4,592	4,597
20% Exceedance	4,052	4,599	4,599	4,497	4,597	4,405	3,556	4,134	4,011	4,503	4,592	4,597
30% Exceedance	3,511	4,599	4,534	4,239	4,350	3,814	3,300	3,646	3,600	4,255	4,467	4,536
40% Exceedance	3,127	4,599	4,220	3,954	4,223	3,546	2,849	3,241	3,308	3,851	4,214	4,143
50% Exceedance	2,961	4,330	4,059	3,720	4,017	3,292	2,570	2,657	3,118	3,502	3,454	3,943
60% Exceedance	2,726	3,662	3,656	3,517	3,860	3,159	2,291	2,372	3,053	3,108	3,123	3,741
70% Exceedance	2,192	2,726	2,066	3,345	3,595	3,032	2,161	2,204	2,920	2,637	2,759	3,560
80% Exceedance	1,782	1,953	1,317	2,997	3,435	2,713	2,022	1,985	2,274	1,949	1,867	3,273
90% Exceedance	1,543	1,428	803	1,958	2,636	2,016	1,544	1,543	1,189	791	1,541	2,395
Full Simulation Period Average^a	2,929	3,514	3,259	3,553	3,770	3,342	2,692	2,921	3,071	3,174	3,302	3,780
Wet Years (27.7%)	4,000	4,459	3,958	4,139	3,816	3,357	3,413	4,168	4,061	3,599	4,171	4,218
Above Normal Years (13.9%)	3,183	4,479	4,111	3,998	4,152	3,562	3,399	3,352	3,472	3,444	3,972	3,529
Below Normal Years (17.8%)	2,925	3,545	3,457	3,635	3,961	3,336	2,687	2,693	2,979	3,700	3,733	4,386
Dry Years (23.8%)	2,294	3,054	2,414	3,182	3,662	3,577	2,290	2,270	2,844	3,418	2,884	4,003
Critical Years (15.8%)	1,853	1,474	2,183	2,600	3,300	2,778	1,421	1,596	1,433	1,237	1,337	2,216

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-1 b. Jones PP Exports, ALT1, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,598	4,599	4,599	4,598	4,597	4,597	3,993	4,595	4,592	4,551	4,592	4,597
20% Exceedance	4,598	4,599	4,599	4,598	4,597	4,597	3,612	4,328	4,463	4,275	4,433	4,597
30% Exceedance	4,499	4,599	4,599	4,598	4,597	4,597	3,297	3,822	4,033	4,093	3,765	4,597
40% Exceedance	4,066	4,566	4,599	4,598	4,597	4,597	2,978	3,410	3,836	3,761	3,400	4,474
50% Exceedance	3,337	3,798	4,599	4,598	4,597	4,396	2,607	2,954	3,585	3,383	3,212	4,239
60% Exceedance	2,945	3,026	4,099	4,598	4,597	3,589	2,539	2,644	3,271	3,042	2,956	3,876
70% Exceedance	2,574	2,350	2,942	4,256	4,248	2,835	2,393	2,499	2,883	2,420	2,591	3,414
80% Exceedance	2,096	1,874	2,025	3,305	3,745	1,985	2,149	2,046	1,958	1,805	1,708	2,948
90% Exceedance	1,713	1,261	1,330	2,551	2,583	1,374	1,877	1,617	1,226	999	1,269	2,487
Full Simulation Period Average^a	3,322	3,310	3,603	4,028	4,099	3,539	2,854	3,078	3,225	3,095	3,046	3,825
Wet Years (27.7%)	4,454	4,365	3,946	4,379	3,924	3,399	3,432	4,197	4,046	3,292	3,959	4,543
Above Normal Years (13.9%)	4,068	3,858	4,201	4,598	4,405	3,937	3,304	3,667	4,052	3,710	3,896	4,343
Below Normal Years (17.8%)	3,134	3,185	3,819	4,363	4,291	3,941	3,023	2,927	3,277	3,400	3,042	4,073
Dry Years (23.8%)	2,530	2,987	3,177	3,606	4,199	3,938	2,505	2,486	2,917	3,220	2,681	3,470
Critical Years (15.8%)	1,957	1,451	2,757	3,172	3,772	2,385	1,785	1,666	1,470	1,684	1,256	2,370

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-1 c. Jones PP Exports, ALT1 Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	-1	0	0	-40	0	0
20% Exceedance	546	0	0	101	0	192	57	194	452	-228	-160	0
30% Exceedance	988	0	65	359	247	783	-3	176	434	-162	-702	61
40% Exceedance	938	-33	379	644	374	1,051	129	169	528	-90	-814	331
50% Exceedance	376	-532	539	878	580	1,104	37	297	467	-119	-242	296
60% Exceedance	220	-636	443	1,081	737	430	248	272	218	-66	-167	135
70% Exceedance	382	-376	875	910	652	-198	232	295	-37	-217	-168	-146
80% Exceedance	314	-79	709	308	311	-728	128	61	-316	-144	-159	-325
90% Exceedance	169	-166	527	593	-53	-642	333	74	37	208	-272	92
Full Simulation Period Average^a	393	-203	344	476	329	197	162	157	154	-79	-256	45
Wet Years (27.7%)	454	-94	-12	240	108	42	19	29	-15	-307	-212	325
Above Normal Years (13.9%)	885	-620	90	600	253	375	-95	315	580	266	-76	814
Below Normal Years (17.8%)	208	-360	362	728	330	605	336	235	298	-299	-691	-312
Dry Years (23.8%)	237	-67	763	425	537	362	214	216	73	-198	-203	-534
Critical Years (15.8%)	104	-22	575	572	471	-394	364	70	37	447	-80	154

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-2 a. Jones PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,598	4,599	4,599	4,598	4,597	4,597	3,994	4,595	4,592	4,591	4,592	4,597
20% Exceedance	4,052	4,599	4,599	4,497	4,597	4,405	3,556	4,134	4,011	4,503	4,592	4,597
30% Exceedance	3,511	4,599	4,534	4,239	4,350	3,814	3,300	3,646	3,600	4,255	4,467	4,536
40% Exceedance	3,127	4,599	4,220	3,954	4,223	3,546	2,849	3,241	3,308	3,851	4,214	4,143
50% Exceedance	2,961	4,330	4,059	3,720	4,017	3,292	2,570	2,657	3,118	3,502	3,454	3,943
60% Exceedance	2,726	3,662	3,656	3,517	3,860	3,159	2,291	2,372	3,053	3,108	3,123	3,741
70% Exceedance	2,192	2,726	2,066	3,345	3,595	3,032	2,161	2,204	2,920	2,637	2,759	3,560
80% Exceedance	1,782	1,953	1,317	2,997	3,435	2,713	2,022	1,985	2,274	1,949	1,867	3,273
90% Exceedance	1,543	1,428	803	1,958	2,636	2,016	1,544	1,543	1,189	791	1,541	2,395
Full Simulation Period Average^a	2,929	3,514	3,259	3,553	3,770	3,342	2,692	2,921	3,071	3,174	3,302	3,780
Wet Years (27.7%)	4,000	4,459	3,958	4,139	3,816	3,357	3,413	4,168	4,061	3,599	4,171	4,218
Above Normal Years (13.9%)	3,183	4,479	4,111	3,998	4,152	3,562	3,399	3,352	3,472	3,444	3,972	3,529
Below Normal Years (17.8%)	2,925	3,545	3,457	3,635	3,961	3,336	2,687	2,693	2,979	3,700	3,733	4,386
Dry Years (23.8%)	2,294	3,054	2,414	3,182	3,662	3,577	2,290	2,270	2,844	3,418	2,884	4,003
Critical Years (15.8%)	1,853	1,474	2,183	2,600	3,300	2,778	1,421	1,596	1,433	1,237	1,337	2,216

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-2 b. Jones PP Exports, Alt2woTUCPwoVA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,598	4,599	4,599	4,598	4,597	4,597	4,348	4,595	4,579	4,591	4,592	4,597
20% Exceedance	3,967	4,599	4,599	4,404	4,597	4,597	3,752	4,403	3,748	4,551	4,592	4,597
30% Exceedance	3,399	4,599	4,419	4,229	4,321	4,099	3,405	3,804	3,250	4,396	4,536	4,597
40% Exceedance	3,170	4,599	4,190	3,834	4,030	3,711	3,037	3,227	2,903	3,906	4,152	4,220
50% Exceedance	2,905	4,569	4,024	3,527	3,870	3,392	2,572	2,601	2,766	3,270	3,657	3,932
60% Exceedance	2,701	3,738	3,570	3,351	3,686	3,217	2,350	2,327	2,695	2,897	2,934	3,804
70% Exceedance	2,250	2,712	2,319	3,165	3,488	3,099	2,179	2,186	2,552	2,252	2,359	3,582
80% Exceedance	1,846	1,836	1,474	2,933	3,279	2,755	2,063	1,836	1,756	1,725	1,668	3,291
90% Exceedance	1,507	1,294	951	2,122	2,814	1,827	1,844	1,563	933	913	1,097	2,592
Full Simulation Period Average^a	2,924	3,525	3,292	3,501	3,742	3,407	2,862	2,953	2,771	3,120	3,207	3,835
Wet Years (27.7%)	3,978	4,453	3,974	4,124	4,035	3,615	3,700	4,232	3,818	3,387	4,011	4,216
Above Normal Years (13.9%)	3,186	4,454	4,111	3,956	4,217	3,859	3,403	3,462	3,156	3,710	4,048	3,594
Below Normal Years (17.8%)	2,820	3,591	3,431	3,540	3,834	3,483	2,850	2,652	2,597	3,513	3,647	4,448
Dry Years (23.8%)	2,307	3,023	2,385	3,063	3,364	3,551	2,270	2,240	2,421	3,269	2,840	3,966
Critical Years (15.8%)	1,968	1,575	2,450	2,624	3,276	2,345	1,823	1,678	1,325	1,467	1,119	2,493

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-2 c. Jones PP Exports, Alt2woTUCPwoVA Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	354	0	-12	0	0	0
20% Exceedance	-85	0	0	-94	0	192	196	269	-263	48	0	0
30% Exceedance	-112	0	-115	-10	-29	284	105	158	-349	141	68	61
40% Exceedance	43	0	-30	-120	-194	165	188	-14	-406	55	-62	77
50% Exceedance	-57	239	-35	-193	-147	100	2	-56	-352	-233	203	-11
60% Exceedance	-24	76	-86	-166	-174	58	59	-45	-359	-211	-189	63
70% Exceedance	58	-13	253	-180	-107	67	18	-18	-368	-385	-401	21
80% Exceedance	64	-118	158	-64	-156	42	41	-148	-518	-224	-199	18
90% Exceedance	-36	-134	148	164	178	-189	300	19	-256	122	-444	197
Full Simulation Period Average^a	-4	11	33	-52	-28	65	170	32	-300	-55	-95	55
Wet Years (27.7%)	-22	-6	16	-16	219	258	287	64	-243	-212	-160	-2
Above Normal Years (13.9%)	3	-25	0	-42	65	296	4	110	-316	266	76	65
Below Normal Years (17.8%)	-105	46	-26	-95	-127	147	163	-41	-382	-187	-87	62
Dry Years (23.8%)	14	-31	-29	-118	-297	-25	-21	-30	-424	-149	-43	-38
Critical Years (15.8%)	115	101	268	24	-24	-433	402	82	-108	230	-218	277

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-3 a. Jones PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,598	4,599	4,599	4,598	4,597	4,597	3,994	4,595	4,592	4,591	4,592	4,597
20% Exceedance	4,052	4,599	4,599	4,497	4,597	4,405	3,556	4,134	4,011	4,503	4,592	4,597
30% Exceedance	3,511	4,599	4,534	4,239	4,350	3,814	3,300	3,646	3,600	4,255	4,467	4,536
40% Exceedance	3,127	4,599	4,220	3,954	4,223	3,546	2,849	3,241	3,308	3,851	4,214	4,143
50% Exceedance	2,961	4,330	4,059	3,720	4,017	3,292	2,570	2,657	3,118	3,502	3,454	3,943
60% Exceedance	2,726	3,662	3,656	3,517	3,860	3,159	2,291	2,372	3,053	3,108	3,123	3,741
70% Exceedance	2,192	2,726	2,066	3,345	3,595	3,032	2,161	2,204	2,920	2,637	2,759	3,560
80% Exceedance	1,782	1,953	1,317	2,997	3,435	2,713	2,022	1,985	2,274	1,949	1,867	3,273
90% Exceedance	1,543	1,428	803	1,958	2,636	2,016	1,544	1,543	1,189	791	1,541	2,395
Full Simulation Period Average^a	2,929	3,514	3,259	3,553	3,770	3,342	2,692	2,921	3,071	3,174	3,302	3,780
Wet Years (27.7%)	4,000	4,459	3,958	4,139	3,816	3,357	3,413	4,168	4,061	3,599	4,171	4,218
Above Normal Years (13.9%)	3,183	4,479	4,111	3,998	4,152	3,562	3,399	3,352	3,472	3,444	3,972	3,529
Below Normal Years (17.8%)	2,925	3,545	3,457	3,635	3,961	3,336	2,687	2,693	2,979	3,700	3,733	4,386
Dry Years (23.8%)	2,294	3,054	2,414	3,182	3,662	3,577	2,290	2,270	2,844	3,418	2,884	4,003
Critical Years (15.8%)	1,853	1,474	2,183	2,600	3,300	2,778	1,421	1,596	1,433	1,237	1,337	2,216

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-3 b. Jones PP Exports, Alt2wTUCPwoVA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,598	4,599	4,599	4,598	4,597	4,597	4,348	4,595	4,580	4,591	4,592	4,597
20% Exceedance	3,970	4,599	4,599	4,405	4,597	4,597	3,752	4,403	3,747	4,549	4,592	4,597
30% Exceedance	3,440	4,599	4,422	4,228	4,330	4,124	3,398	3,804	3,251	4,356	4,536	4,597
40% Exceedance	3,199	4,599	4,191	3,809	4,030	3,712	3,019	3,240	2,903	3,913	4,157	4,194
50% Exceedance	2,929	4,449	4,030	3,514	3,886	3,359	2,568	2,733	2,775	3,280	3,705	3,927
60% Exceedance	2,717	3,730	3,585	3,344	3,710	3,217	2,350	2,362	2,703	2,889	2,934	3,793
70% Exceedance	2,264	2,725	2,304	3,129	3,488	3,099	2,179	2,193	2,560	2,231	2,440	3,570
80% Exceedance	1,780	2,005	1,635	2,904	3,284	2,850	2,011	1,861	1,859	1,444	1,809	3,280
90% Exceedance	1,509	1,442	924	1,961	2,673	1,895	1,653	1,555	950	791	806	2,559
Full Simulation Period Average^a	2,950	3,560	3,293	3,465	3,711	3,429	2,791	2,969	2,779	3,070	3,225	3,794
Wet Years (27.7%)	3,979	4,453	3,974	4,130	4,038	3,651	3,671	4,235	3,818	3,392	4,010	4,218
Above Normal Years (13.9%)	3,180	4,434	4,111	3,963	4,223	3,880	3,402	3,462	3,164	3,712	4,109	3,603
Below Normal Years (17.8%)	2,870	3,597	3,477	3,542	3,818	3,347	2,778	2,747	2,615	3,518	3,709	4,469
Dry Years (23.8%)	2,314	3,033	2,420	3,036	3,363	3,551	2,271	2,249	2,430	3,254	2,830	3,965
Critical Years (15.8%)	2,075	1,808	2,348	2,424	3,089	2,553	1,511	1,654	1,334	1,168	1,125	2,205

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-3 c. Jones PP Exports, Alt2wTUCPwoVA Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	354	0	-12	0	0	0
20% Exceedance	-83	0	0	-92	0	192	197	269	-263	46	0	0
30% Exceedance	-71	0	-111	-10	-21	310	98	158	-349	102	68	61
40% Exceedance	72	0	-29	-145	-193	166	170	-1	-405	61	-57	51
50% Exceedance	-32	119	-30	-207	-131	67	-2	76	-343	-222	251	-15
60% Exceedance	-9	68	-71	-173	-150	58	59	-10	-350	-219	-189	52
70% Exceedance	72	-1	238	-216	-107	67	19	-11	-360	-406	-320	9
80% Exceedance	-2	52	319	-93	-151	137	-10	-124	-416	-505	-59	7
90% Exceedance	-34	15	121	3	37	-122	109	12	-239	0	-735	164
Full Simulation Period Average^a	22	47	34	-87	-59	86	99	48	-292	-104	-77	14
Wet Years (27.7%)	-21	-6	15	-9	222	294	258	67	-243	-207	-162	0
Above Normal Years (13.9%)	-3	-45	0	-35	71	317	3	110	-309	268	137	75
Below Normal Years (17.8%)	-56	52	20	-93	-144	11	90	54	-364	-181	-24	83
Dry Years (23.8%)	20	-21	6	-146	-298	-25	-20	-21	-414	-165	-53	-38
Critical Years (15.8%)	222	335	166	-176	-211	-226	91	58	-100	-70	-211	-11

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-4 a. Jones PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,598	4,599	4,599	4,598	4,597	4,597	3,994	4,595	4,592	4,591	4,592	4,597
20% Exceedance	4,052	4,599	4,599	4,497	4,597	4,405	3,556	4,134	4,011	4,503	4,592	4,597
30% Exceedance	3,511	4,599	4,534	4,239	4,350	3,814	3,300	3,646	3,600	4,255	4,467	4,536
40% Exceedance	3,127	4,599	4,220	3,954	4,223	3,546	2,849	3,241	3,308	3,851	4,214	4,143
50% Exceedance	2,961	4,330	4,059	3,720	4,017	3,292	2,570	2,657	3,118	3,502	3,454	3,943
60% Exceedance	2,726	3,662	3,656	3,517	3,860	3,159	2,291	2,372	3,053	3,108	3,123	3,741
70% Exceedance	2,192	2,726	2,066	3,345	3,595	3,032	2,161	2,204	2,920	2,637	2,759	3,560
80% Exceedance	1,782	1,953	1,317	2,997	3,435	2,713	2,022	1,985	2,274	1,949	1,867	3,273
90% Exceedance	1,543	1,428	803	1,958	2,636	2,016	1,544	1,543	1,189	791	1,541	2,395
Full Simulation Period Average^a	2,929	3,514	3,259	3,553	3,770	3,342	2,692	2,921	3,071	3,174	3,302	3,780
Wet Years (27.7%)	4,000	4,459	3,958	4,139	3,816	3,357	3,413	4,168	4,061	3,599	4,171	4,218
Above Normal Years (13.9%)	3,183	4,479	4,111	3,998	4,152	3,562	3,399	3,352	3,472	3,444	3,972	3,529
Below Normal Years (17.8%)	2,925	3,545	3,457	3,635	3,961	3,336	2,687	2,693	2,979	3,700	3,733	4,386
Dry Years (23.8%)	2,294	3,054	2,414	3,182	3,662	3,577	2,290	2,270	2,844	3,418	2,884	4,003
Critical Years (15.8%)	1,853	1,474	2,183	2,600	3,300	2,778	1,421	1,596	1,433	1,237	1,337	2,216

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-4 b. Jones PP Exports, Alt2woTUCPDeltaVA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,598	4,599	4,599	4,598	4,597	4,597	3,894	4,595	4,580	4,587	4,592	4,597
20% Exceedance	3,964	4,599	4,599	4,405	4,597	3,933	3,298	4,373	3,762	4,555	4,592	4,597
30% Exceedance	3,435	4,599	4,460	4,216	4,311	3,274	2,789	3,787	3,243	4,381	4,577	4,597
40% Exceedance	3,174	4,599	4,195	3,824	4,004	3,098	2,381	3,176	2,898	3,872	4,223	4,117
50% Exceedance	2,921	4,568	4,027	3,534	3,827	2,857	2,141	2,473	2,760	3,172	3,656	3,925
60% Exceedance	2,674	3,703	3,441	3,369	3,658	2,295	2,022	2,191	2,675	2,869	2,923	3,764
70% Exceedance	2,384	2,677	2,533	3,155	3,459	1,864	1,856	2,050	2,542	2,302	2,413	3,549
80% Exceedance	1,851	1,915	1,733	2,917	3,243	1,650	1,703	1,692	1,882	1,697	1,631	3,149
90% Exceedance	1,515	1,322	1,237	2,253	2,821	1,492	1,114	1,505	1,022	909	1,105	2,598
Full Simulation Period Average^a	2,945	3,504	3,326	3,505	3,727	2,804	2,381	2,872	2,788	3,105	3,213	3,804
Wet Years (27.7%)	3,974	4,455	3,851	4,121	4,016	3,434	3,017	4,214	3,810	3,340	4,016	4,204
Above Normal Years (13.9%)	3,207	4,458	4,115	3,957	4,217	2,829	2,270	3,361	3,191	3,616	3,990	3,545
Below Normal Years (17.8%)	2,839	3,607	3,449	3,527	3,826	2,160	2,530	2,491	2,569	3,476	3,632	4,429
Dry Years (23.8%)	2,341	2,957	2,479	3,083	3,396	2,831	1,971	2,094	2,472	3,323	2,883	3,929
Critical Years (15.8%)	2,014	1,515	2,733	2,641	3,174	2,365	1,816	1,691	1,365	1,501	1,148	2,443

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-4 c. Jones PP Exports, Alt2woTUCPDeltaVA Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	-99	0	-11	-3	0	0
20% Exceedance	-89	0	0	-92	0	-472	-257	239	-249	52	0	0
30% Exceedance	-76	0	-74	-23	-39	-540	-511	141	-356	126	109	61
40% Exceedance	47	0	-25	-130	-219	-448	-468	-65	-411	20	9	-26
50% Exceedance	-41	237	-33	-186	-190	-434	-429	-184	-358	-331	202	-17
60% Exceedance	-52	41	-215	-148	-203	-864	-269	-181	-379	-239	-200	23
70% Exceedance	192	-48	466	-190	-136	-1,169	-304	-155	-379	-335	-347	-12
80% Exceedance	70	-38	417	-80	-192	-1,062	-318	-293	-392	-252	-237	-124
90% Exceedance	-29	-105	434	296	185	-524	-430	-38	-167	118	-436	203
Full Simulation Period Average^a	16	-10	67	-47	-43	-538	-311	-49	-284	-69	-89	25
Wet Years (27.7%)	-26	-4	-107	-18	200	77	-397	46	-251	-259	-155	-14
Above Normal Years (13.9%)	25	-21	4	-41	65	-734	-1,129	9	-281	171	18	16
Below Normal Years (17.8%)	-86	62	-8	-108	-135	-1,176	-157	-202	-410	-224	-101	43
Dry Years (23.8%)	47	-97	64	-99	-266	-746	-320	-176	-372	-95	0	-74
Critical Years (15.8%)	161	42	550	41	-127	-413	395	96	-68	264	-189	227

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-5 a. Jones PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,598	4,599	4,599	4,598	4,597	4,597	3,994	4,595	4,592	4,591	4,592	4,597
20% Exceedance	4,052	4,599	4,599	4,497	4,597	4,405	3,556	4,134	4,011	4,503	4,592	4,597
30% Exceedance	3,511	4,599	4,534	4,239	4,350	3,814	3,300	3,646	3,600	4,255	4,467	4,536
40% Exceedance	3,127	4,599	4,220	3,954	4,223	3,546	2,849	3,241	3,308	3,851	4,214	4,143
50% Exceedance	2,961	4,330	4,059	3,720	4,017	3,292	2,570	2,657	3,118	3,502	3,454	3,943
60% Exceedance	2,726	3,662	3,656	3,517	3,860	3,159	2,291	2,372	3,053	3,108	3,123	3,741
70% Exceedance	2,192	2,726	2,066	3,345	3,595	3,032	2,161	2,204	2,920	2,637	2,759	3,560
80% Exceedance	1,782	1,953	1,317	2,997	3,435	2,713	2,022	1,985	2,274	1,949	1,867	3,273
90% Exceedance	1,543	1,428	803	1,958	2,636	2,016	1,544	1,543	1,189	791	1,541	2,395
Full Simulation Period Average^a	2,929	3,514	3,259	3,553	3,770	3,342	2,692	2,921	3,071	3,174	3,302	3,780
Wet Years (27.7%)	4,000	4,459	3,958	4,139	3,816	3,357	3,413	4,168	4,061	3,599	4,171	4,218
Above Normal Years (13.9%)	3,183	4,479	4,111	3,998	4,152	3,562	3,399	3,352	3,472	3,444	3,972	3,529
Below Normal Years (17.8%)	2,925	3,545	3,457	3,635	3,961	3,336	2,687	2,693	2,979	3,700	3,733	4,386
Dry Years (23.8%)	2,294	3,054	2,414	3,182	3,662	3,577	2,290	2,270	2,844	3,418	2,884	4,003
Critical Years (15.8%)	1,853	1,474	2,183	2,600	3,300	2,778	1,421	1,596	1,433	1,237	1,337	2,216

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-5 b. Jones PP Exports, Alt2woTUCPAIIVA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,598	4,599	4,599	4,598	4,597	4,597	3,894	4,595	4,579	4,591	4,592	4,597
20% Exceedance	3,963	4,599	4,599	4,404	4,597	3,933	3,298	4,362	3,765	4,557	4,592	4,597
30% Exceedance	3,410	4,599	4,419	4,216	4,315	3,274	2,835	3,788	3,244	4,437	4,592	4,597
40% Exceedance	3,180	4,599	4,155	3,824	3,998	3,088	2,383	3,214	2,902	3,766	4,236	4,259
50% Exceedance	2,913	4,509	4,032	3,579	3,832	2,792	2,155	2,566	2,760	3,223	3,641	3,919
60% Exceedance	2,701	3,750	3,415	3,387	3,679	2,247	2,039	2,246	2,674	2,827	2,890	3,785
70% Exceedance	2,238	2,854	2,308	3,157	3,481	1,886	1,855	2,052	2,518	2,387	2,396	3,557
80% Exceedance	1,846	1,919	1,744	2,909	3,279	1,653	1,700	1,694	1,759	1,736	1,627	3,216
90% Exceedance	1,538	1,280	1,303	2,120	2,868	1,492	1,109	1,507	1,044	1,067	1,080	2,481
Full Simulation Period Average^a	2,940	3,526	3,319	3,500	3,743	2,793	2,388	2,888	2,783	3,120	3,229	3,820
Wet Years (27.7%)	4,005	4,456	3,850	4,123	4,020	3,433	3,018	4,233	3,812	3,346	4,017	4,208
Above Normal Years (13.9%)	3,229	4,454	4,108	3,963	4,223	2,828	2,276	3,342	3,200	3,581	3,989	3,580
Below Normal Years (17.8%)	2,733	3,644	3,418	3,527	3,823	2,211	2,562	2,615	2,609	3,619	3,683	4,485
Dry Years (23.8%)	2,301	3,024	2,521	3,049	3,393	2,837	1,969	2,052	2,461	3,315	2,934	3,919
Critical Years (15.8%)	2,097	1,512	2,665	2,653	3,272	2,234	1,817	1,695	1,293	1,467	1,121	2,458

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-5 c. Jones PP Exports, Alt2woTUCPALIVA Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	-99	0	-12	0	0	0
20% Exceedance	-90	0	0	-93	0	-472	-257	228	-246	54	0	0
30% Exceedance	-101	0	-115	-23	-35	-540	-465	142	-356	183	125	61
40% Exceedance	52	0	-65	-130	-225	-459	-466	-27	-406	-86	22	116
50% Exceedance	-49	179	-28	-141	-185	-500	-415	-91	-358	-280	187	-24
60% Exceedance	-25	88	-241	-130	-181	-912	-252	-126	-380	-281	-233	44
70% Exceedance	45	128	242	-188	-114	-1,146	-306	-152	-403	-250	-363	-3
80% Exceedance	64	-34	428	-88	-156	-1,060	-322	-291	-515	-213	-241	-57
90% Exceedance	-6	-148	500	162	233	-524	-435	-37	-145	276	-461	86
Full Simulation Period Average^a	11	12	60	-52	-27	-549	-304	-33	-289	-54	-72	41
Wet Years (27.7%)	5	-3	-108	-17	204	75	-396	65	-249	-253	-154	-10
Above Normal Years (13.9%)	47	-24	-3	-35	71	-734	-1,123	-10	-272	137	17	51
Below Normal Years (17.8%)	-192	99	-40	-108	-138	-1,125	-125	-77	-370	-81	-51	99
Dry Years (23.8%)	7	-30	107	-132	-269	-740	-321	-218	-383	-103	50	-85
Critical Years (15.8%)	243	38	482	54	-28	-544	396	100	-140	230	-215	242

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-6 a. Jones PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,598	4,599	4,599	4,598	4,597	4,597	3,994	4,595	4,592	4,591	4,592	4,597
20% Exceedance	4,052	4,599	4,599	4,497	4,597	4,405	3,556	4,134	4,011	4,503	4,592	4,597
30% Exceedance	3,511	4,599	4,534	4,239	4,350	3,814	3,300	3,646	3,600	4,255	4,467	4,536
40% Exceedance	3,127	4,599	4,220	3,954	4,223	3,546	2,849	3,241	3,308	3,851	4,214	4,143
50% Exceedance	2,961	4,330	4,059	3,720	4,017	3,292	2,570	2,657	3,118	3,502	3,454	3,943
60% Exceedance	2,726	3,662	3,656	3,517	3,860	3,159	2,291	2,372	3,053	3,108	3,123	3,741
70% Exceedance	2,192	2,726	2,066	3,345	3,595	3,032	2,161	2,204	2,920	2,637	2,759	3,560
80% Exceedance	1,782	1,953	1,317	2,997	3,435	2,713	2,022	1,985	2,274	1,949	1,867	3,273
90% Exceedance	1,543	1,428	803	1,958	2,636	2,016	1,544	1,543	1,189	791	1,541	2,395
Full Simulation Period Average^a	2,929	3,514	3,259	3,553	3,770	3,342	2,692	2,921	3,071	3,174	3,302	3,780
Wet Years (27.7%)	4,000	4,459	3,958	4,139	3,816	3,357	3,413	4,168	4,061	3,599	4,171	4,218
Above Normal Years (13.9%)	3,183	4,479	4,111	3,998	4,152	3,562	3,399	3,352	3,472	3,444	3,972	3,529
Below Normal Years (17.8%)	2,925	3,545	3,457	3,635	3,961	3,336	2,687	2,693	2,979	3,700	3,733	4,386
Dry Years (23.8%)	2,294	3,054	2,414	3,182	3,662	3,577	2,290	2,270	2,844	3,418	2,884	4,003
Critical Years (15.8%)	1,853	1,474	2,183	2,600	3,300	2,778	1,421	1,596	1,433	1,237	1,337	2,216

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-6 b. Jones PP Exports, ALT3, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,598	4,599	4,220	4,598	4,597	4,597	1,736	1,169	4,550	3,626	4,428	4,597
20% Exceedance	3,905	4,357	3,000	4,510	4,597	4,385	1,421	904	3,529	3,188	3,539	4,073
30% Exceedance	3,128	4,137	2,971	3,908	4,360	3,908	1,276	624	2,103	2,922	3,018	3,459
40% Exceedance	2,799	3,392	2,164	3,486	3,881	2,508	979	595	1,728	2,584	2,889	3,107
50% Exceedance	2,535	2,575	1,331	3,028	3,360	1,858	767	595	1,228	1,812	2,748	2,964
60% Exceedance	2,221	1,897	1,003	2,843	2,900	1,384	648	595	1,192	1,311	2,483	2,737
70% Exceedance	2,018	1,698	617	1,701	1,682	1,214	596	595	682	1,191	2,122	2,638
80% Exceedance	1,735	1,510	599	1,252	1,291	1,042	596	595	592	1,140	1,797	2,342
90% Exceedance	1,516	950	599	1,067	916	826	596	595	592	591	1,198	1,747
Full Simulation Period Average^a	2,699	2,767	1,937	2,890	2,986	2,422	1,024	786	1,917	2,118	2,661	3,056
Wet Years (27.7%)	3,262	3,152	2,531	3,395	2,917	2,170	1,303	816	3,395	2,149	2,857	3,456
Above Normal Years (13.9%)	2,649	2,454	2,181	3,059	3,501	2,750	1,194	697	2,012	1,845	2,594	2,448
Below Normal Years (17.8%)	2,574	3,680	1,723	2,790	2,766	2,565	1,178	972	1,822	2,130	2,991	3,443
Dry Years (23.8%)	2,649	2,771	1,891	2,504	3,012	2,793	736	767	911	2,755	2,852	3,295
Critical Years (15.8%)	2,065	1,261	863	2,548	2,865	1,860	647	634	863	1,333	1,720	2,097

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-6 c. Jones PP Exports, ALT3 Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	-378	0	0	0	-2,258	-3,426	-41	-965	-164	0
20% Exceedance	-148	-242	-1,599	13	0	-20	-2,135	-3,230	-482	-1,315	-1,054	-524
30% Exceedance	-383	-461	-1,563	-331	10	94	-2,024	-3,022	-1,497	-1,332	-1,450	-1,077
40% Exceedance	-329	-1,207	-2,056	-468	-343	-1,038	-1,870	-2,646	-1,581	-1,268	-1,325	-1,036
50% Exceedance	-427	-1,755	-2,729	-693	-657	-1,434	-1,804	-2,062	-1,890	-1,691	-706	-978
60% Exceedance	-505	-1,764	-2,653	-674	-960	-1,775	-1,643	-1,777	-1,862	-1,797	-640	-1,004
70% Exceedance	-175	-1,027	-1,450	-1,645	-1,913	-1,818	-1,565	-1,610	-2,238	-1,446	-637	-922
80% Exceedance	-47	-443	-718	-1,745	-2,144	-1,670	-1,425	-1,390	-1,682	-809	-70	-932
90% Exceedance	-27	-477	-204	-891	-1,720	-1,190	-948	-949	-597	-200	-343	-648
Full Simulation Period Average^a	-230	-747	-1,322	-663	-783	-920	-1,668	-2,135	-1,154	-1,056	-641	-723
Wet Years (27.7%)	-738	-1,307	-1,427	-744	-899	-1,187	-2,111	-3,352	-666	-1,451	-1,315	-762
Above Normal Years (13.9%)	-534	-2,025	-1,930	-939	-651	-813	-2,204	-2,655	-1,460	-1,599	-1,378	-1,081
Below Normal Years (17.8%)	-352	135	-1,735	-845	-1,195	-772	-1,509	-1,721	-1,157	-1,569	-742	-942
Dry Years (23.8%)	355	-283	-523	-678	-649	-784	-1,554	-1,503	-1,933	-663	-32	-708
Critical Years (15.8%)	211	-213	-1,319	-52	-435	-918	-774	-962	-570	96	383	-120

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-7 a. Jones PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,598	4,599	4,599	4,598	4,597	4,597	3,994	4,595	4,592	4,591	4,592	4,597
20% Exceedance	4,052	4,599	4,599	4,497	4,597	4,405	3,556	4,134	4,011	4,503	4,592	4,597
30% Exceedance	3,511	4,599	4,534	4,239	4,350	3,814	3,300	3,646	3,600	4,255	4,467	4,536
40% Exceedance	3,127	4,599	4,220	3,954	4,223	3,546	2,849	3,241	3,308	3,851	4,214	4,143
50% Exceedance	2,961	4,330	4,059	3,720	4,017	3,292	2,570	2,657	3,118	3,502	3,454	3,943
60% Exceedance	2,726	3,662	3,656	3,517	3,860	3,159	2,291	2,372	3,053	3,108	3,123	3,741
70% Exceedance	2,192	2,726	2,066	3,345	3,595	3,032	2,161	2,204	2,920	2,637	2,759	3,560
80% Exceedance	1,782	1,953	1,317	2,997	3,435	2,713	2,022	1,985	2,274	1,949	1,867	3,273
90% Exceedance	1,543	1,428	803	1,958	2,636	2,016	1,544	1,543	1,189	791	1,541	2,395
Full Simulation Period Average^a	2,929	3,514	3,259	3,553	3,770	3,342	2,692	2,921	3,071	3,174	3,302	3,780
Wet Years (27.7%)	4,000	4,459	3,958	4,139	3,816	3,357	3,413	4,168	4,061	3,599	4,171	4,218
Above Normal Years (13.9%)	3,183	4,479	4,111	3,998	4,152	3,562	3,399	3,352	3,472	3,444	3,972	3,529
Below Normal Years (17.8%)	2,925	3,545	3,457	3,635	3,961	3,336	2,687	2,693	2,979	3,700	3,733	4,386
Dry Years (23.8%)	2,294	3,054	2,414	3,182	3,662	3,577	2,290	2,270	2,844	3,418	2,884	4,003
Critical Years (15.8%)	1,853	1,474	2,183	2,600	3,300	2,778	1,421	1,596	1,433	1,237	1,337	2,216

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-7 b. Jones PP Exports, ALT4, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,598	4,599	4,599	4,598	4,597	4,597	4,485	4,595	4,582	4,591	4,592	4,597
20% Exceedance	4,598	4,599	4,362	4,437	4,597	4,597	3,807	4,403	3,633	4,551	4,592	4,597
30% Exceedance	3,799	4,599	4,020	4,173	4,597	4,337	3,524	3,880	3,255	4,458	4,592	4,597
40% Exceedance	3,372	4,599	3,712	3,967	4,397	3,917	3,106	3,293	2,949	3,960	4,434	4,545
50% Exceedance	3,101	4,570	3,540	3,677	4,257	3,511	2,609	2,813	2,810	3,517	3,875	4,096
60% Exceedance	2,837	3,814	3,093	3,424	4,129	3,296	2,360	2,358	2,723	3,102	3,279	3,951
70% Exceedance	2,256	2,664	1,965	3,227	3,890	3,142	2,205	2,193	2,638	2,706	2,779	3,695
80% Exceedance	1,787	1,947	1,328	3,039	3,525	2,998	2,036	2,015	2,369	1,353	1,941	3,385
90% Exceedance	1,525	1,445	891	2,145	2,632	2,109	1,646	1,547	951	791	1,126	2,609
Full Simulation Period Average^a	3,061	3,540	3,005	3,543	3,928	3,537	2,866	2,983	2,846	3,174	3,366	3,902
Wet Years (27.7%)	4,314	4,467	3,562	4,096	4,084	3,803	3,799	4,235	3,854	3,480	4,299	4,386
Above Normal Years (13.9%)	3,441	4,468	3,533	3,912	4,374	4,063	3,451	3,470	3,168	3,878	4,428	3,889
Below Normal Years (17.8%)	2,851	3,436	3,184	3,651	4,004	3,400	2,884	2,846	2,776	3,826	3,838	4,406
Dry Years (23.8%)	2,262	2,983	2,292	3,262	3,776	3,589	2,319	2,287	2,556	3,270	2,787	4,026
Critical Years (15.8%)	2,047	1,890	2,298	2,552	3,404	2,687	1,519	1,561	1,314	1,142	1,144	2,312

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-7 c. Jones PP Exports, ALT4 Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	492	0	-10	0	0	0
20% Exceedance	546	0	-237	-60	0	192	252	269	-378	48	0	0
30% Exceedance	288	0	-514	-66	247	523	225	234	-344	204	125	61
40% Exceedance	245	0	-508	13	174	371	257	52	-359	109	220	402
50% Exceedance	140	240	-519	-43	240	219	39	156	-308	15	421	153
60% Exceedance	112	153	-563	-93	269	137	70	-14	-331	-6	156	210
70% Exceedance	64	-61	-101	-118	295	110	44	-12	-283	69	20	135
80% Exceedance	5	-6	12	42	91	285	14	30	95	-596	74	112
90% Exceedance	-19	17	87	187	-4	93	102	4	-238	0	-416	214
Full Simulation Period Average^a	132	27	-254	-10	158	195	174	61	-225	-1	64	122
Wet Years (27.7%)	314	8	-397	-44	268	445	386	67	-207	-119	128	168
Above Normal Years (13.9%)	258	-11	-578	-86	222	501	53	118	-305	433	456	360
Below Normal Years (17.8%)	-74	-109	-274	16	43	64	197	153	-203	126	105	20
Dry Years (23.8%)	-32	-71	-122	81	115	12	29	17	-288	-148	-97	23
Critical Years (15.8%)	194	417	115	-47	104	-91	99	-35	-119	-95	-192	96

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-8 a. Jones PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,598	4,599	4,599	4,598	4,597	4,597	3,994	4,595	4,592	4,591	4,592	4,597
20% Exceedance	4,052	4,599	4,599	4,497	4,597	4,405	3,556	4,134	4,011	4,503	4,592	4,597
30% Exceedance	3,511	4,599	4,534	4,239	4,350	3,814	3,300	3,646	3,600	4,255	4,467	4,536
40% Exceedance	3,127	4,599	4,220	3,954	4,223	3,546	2,849	3,241	3,308	3,851	4,214	4,143
50% Exceedance	2,961	4,330	4,059	3,720	4,017	3,292	2,570	2,657	3,118	3,502	3,454	3,943
60% Exceedance	2,726	3,662	3,656	3,517	3,860	3,159	2,291	2,372	3,053	3,108	3,123	3,741
70% Exceedance	2,192	2,726	2,066	3,345	3,595	3,032	2,161	2,204	2,920	2,637	2,759	3,560
80% Exceedance	1,782	1,953	1,317	2,997	3,435	2,713	2,022	1,985	2,274	1,949	1,867	3,273
90% Exceedance	1,543	1,428	803	1,958	2,636	2,016	1,544	1,543	1,189	791	1,541	2,395
Full Simulation Period Average^a	2,929	3,514	3,259	3,553	3,770	3,342	2,692	2,921	3,071	3,174	3,302	3,780
Wet Years (27.7%)	4,000	4,459	3,958	4,139	3,816	3,357	3,413	4,168	4,061	3,599	4,171	4,218
Above Normal Years (13.9%)	3,183	4,479	4,111	3,998	4,152	3,562	3,399	3,352	3,472	3,444	3,972	3,529
Below Normal Years (17.8%)	2,925	3,545	3,457	3,635	3,961	3,336	2,687	2,693	2,979	3,700	3,733	4,386
Dry Years (23.8%)	2,294	3,054	2,414	3,182	3,662	3,577	2,290	2,270	2,844	3,418	2,884	4,003
Critical Years (15.8%)	1,853	1,474	2,183	2,600	3,300	2,778	1,421	1,596	1,433	1,237	1,337	2,216

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-8 b. Jones PP Exports, Action 5, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,598	4,599	4,599	4,598	4,597	4,597	3,717	4,595	4,592	4,591	4,592	4,597
20% Exceedance	4,598	4,599	4,599	4,598	4,597	4,214	3,308	4,362	3,847	4,540	4,592	4,597
30% Exceedance	4,494	4,599	4,398	4,477	4,597	3,739	2,787	3,826	3,370	4,364	4,592	4,597
40% Exceedance	3,984	4,599	4,155	4,076	4,352	3,200	2,415	3,301	3,017	3,708	4,369	4,597
50% Exceedance	3,479	3,994	3,940	3,889	4,101	2,930	2,239	2,583	2,897	3,402	3,880	4,597
60% Exceedance	3,035	3,638	3,482	3,686	3,977	2,744	2,115	2,262	2,794	3,007	3,293	4,392
70% Exceedance	2,637	2,859	2,617	3,364	3,770	2,568	1,843	2,093	2,732	2,149	2,821	4,153
80% Exceedance	2,035	2,112	1,693	3,069	3,413	2,181	1,264	1,741	1,758	1,276	1,824	3,675
90% Exceedance	1,642	1,715	1,144	1,948	2,475	1,531	942	1,413	792	791	884	2,630
Full Simulation Period Average^a	3,331	3,543	3,294	3,650	3,858	3,044	2,325	2,900	2,866	3,058	3,353	4,072
Wet Years (27.7%)	4,444	4,387	3,908	4,210	4,003	3,528	2,965	4,231	3,877	3,344	4,266	4,583
Above Normal Years (13.9%)	4,180	4,217	3,801	4,097	4,402	3,090	2,283	3,386	3,281	3,439	4,303	4,492
Below Normal Years (17.8%)	3,187	3,550	3,576	3,731	4,038	2,371	2,515	2,575	2,725	3,620	3,768	4,461
Dry Years (23.8%)	2,381	3,207	2,517	3,366	3,704	3,141	1,998	2,135	2,651	3,361	2,900	4,093
Critical Years (15.8%)	2,107	1,796	2,492	2,611	3,158	2,765	1,517	1,661	1,213	1,136	1,133	2,344

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-11-8 c. Jones PP Exports, Action 5 Minus NAA, Monthly Delivery (cfs)

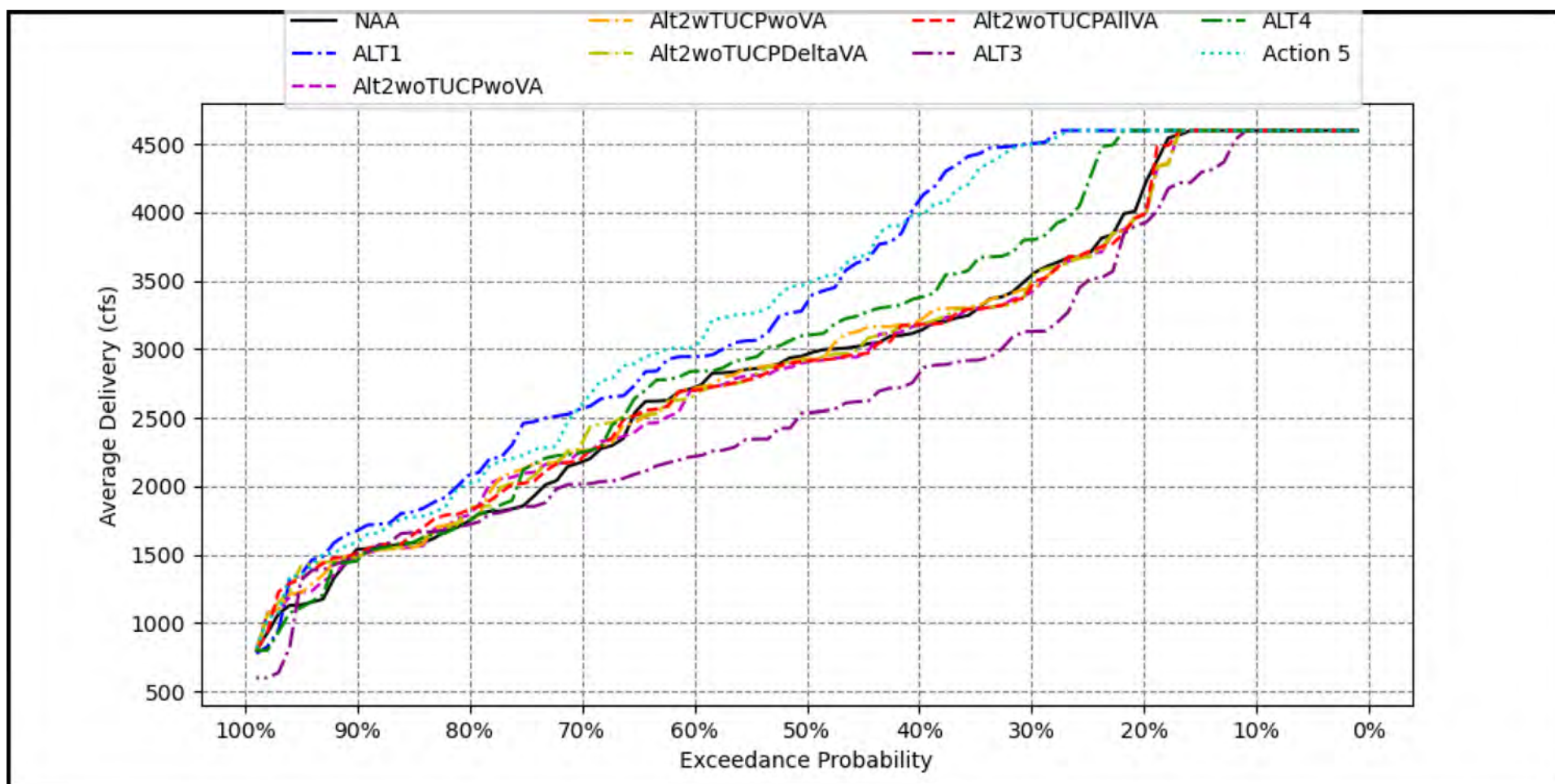
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	-277	0	0	0	0	0
20% Exceedance	546	0	0	101	0	-192	-248	228	-164	37	0	0
30% Exceedance	983	0	-135	238	247	-75	-513	180	-229	110	125	61
40% Exceedance	857	0	-65	121	129	-347	-434	60	-291	-143	155	454
50% Exceedance	517	-336	-119	169	84	-361	-331	-74	-221	-100	426	654
60% Exceedance	310	-24	-174	169	117	-415	-176	-109	-260	-101	170	651
70% Exceedance	445	133	551	19	175	-465	-318	-111	-189	-488	61	593
80% Exceedance	253	159	377	72	-22	-532	-757	-244	-516	-672	-43	401
90% Exceedance	98	287	341	-10	-161	-485	-602	-130	-397	0	-657	234
Full Simulation Period Average^a	402	29	35	97	89	-299	-368	-21	-206	-117	51	293
Wet Years (27.7%)	444	-72	-50	71	187	171	-449	63	-184	-256	95	365
Above Normal Years (13.9%)	997	-262	-310	99	250	-472	-1,116	34	-191	-6	331	963
Below Normal Years (17.8%)	262	5	119	96	77	-965	-172	-118	-254	-80	35	75
Dry Years (23.8%)	87	153	103	185	43	-436	-293	-135	-193	-57	17	90
Critical Years (15.8%)	253	323	309	12	-142	-13	96	65	-221	-101	-204	128

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

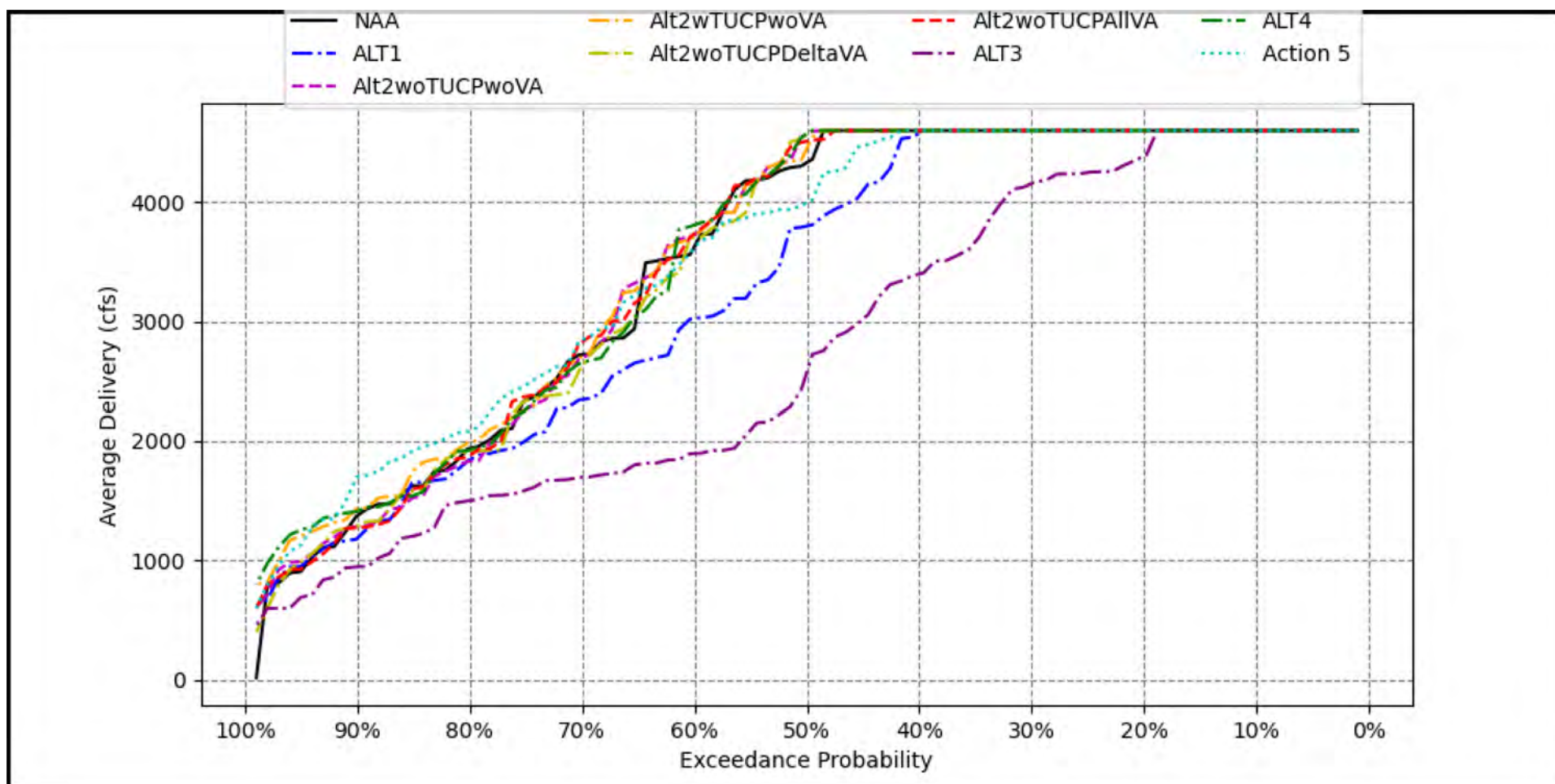
* Water Year Types defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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



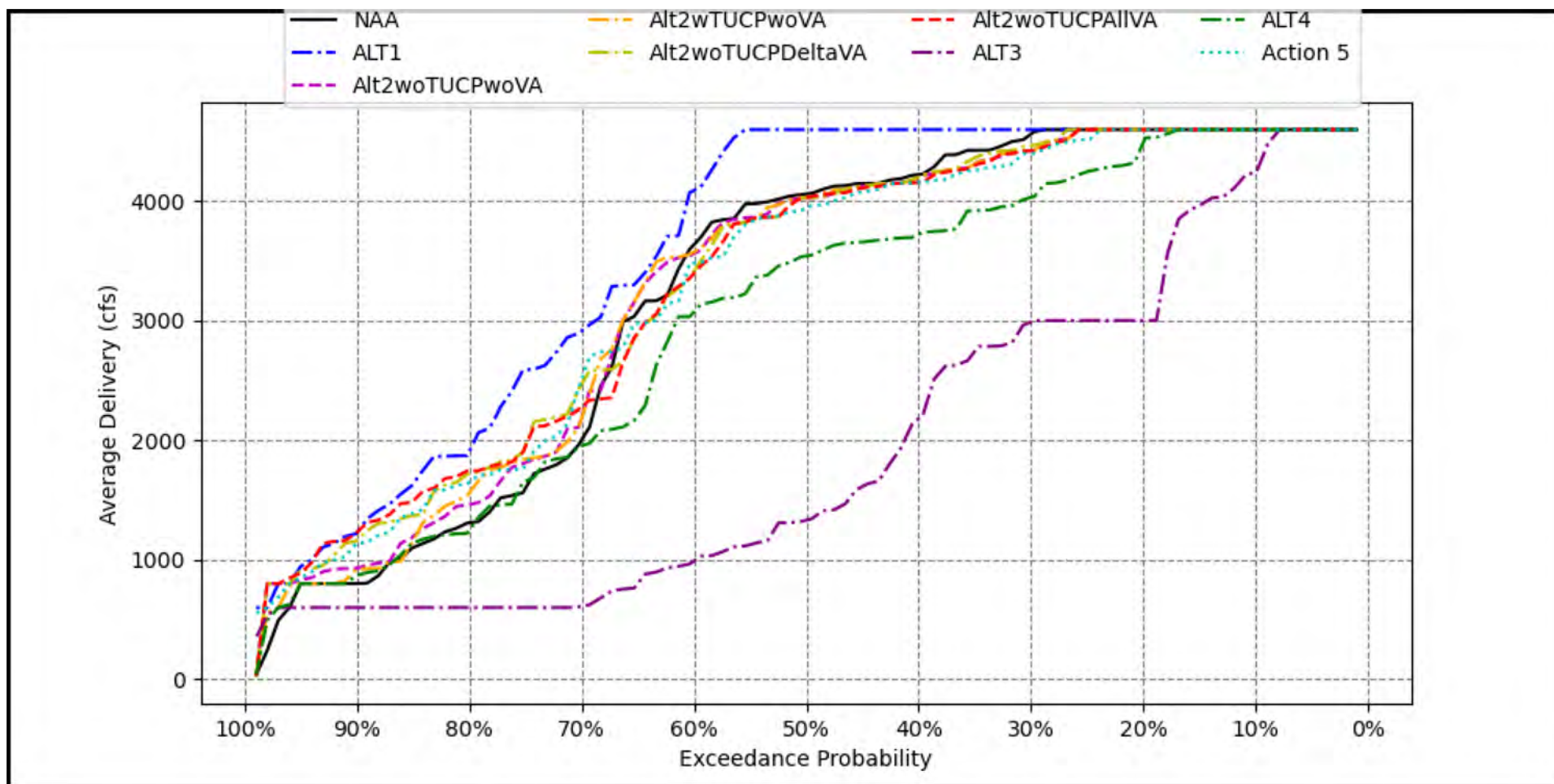
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-11-1 Jones PP Exports, October Delivery



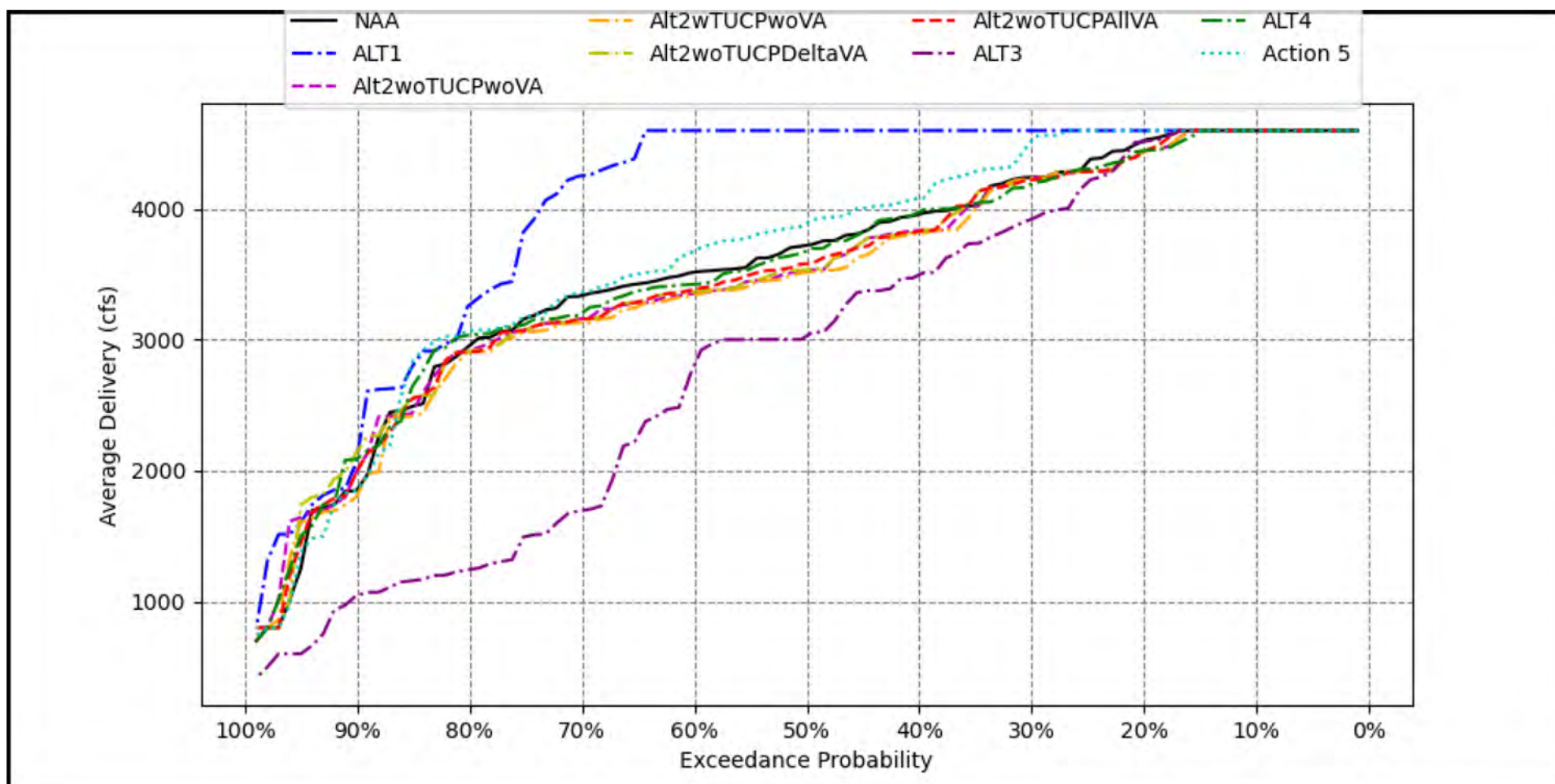
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-11-2 Jones PP Exports, November Delivery



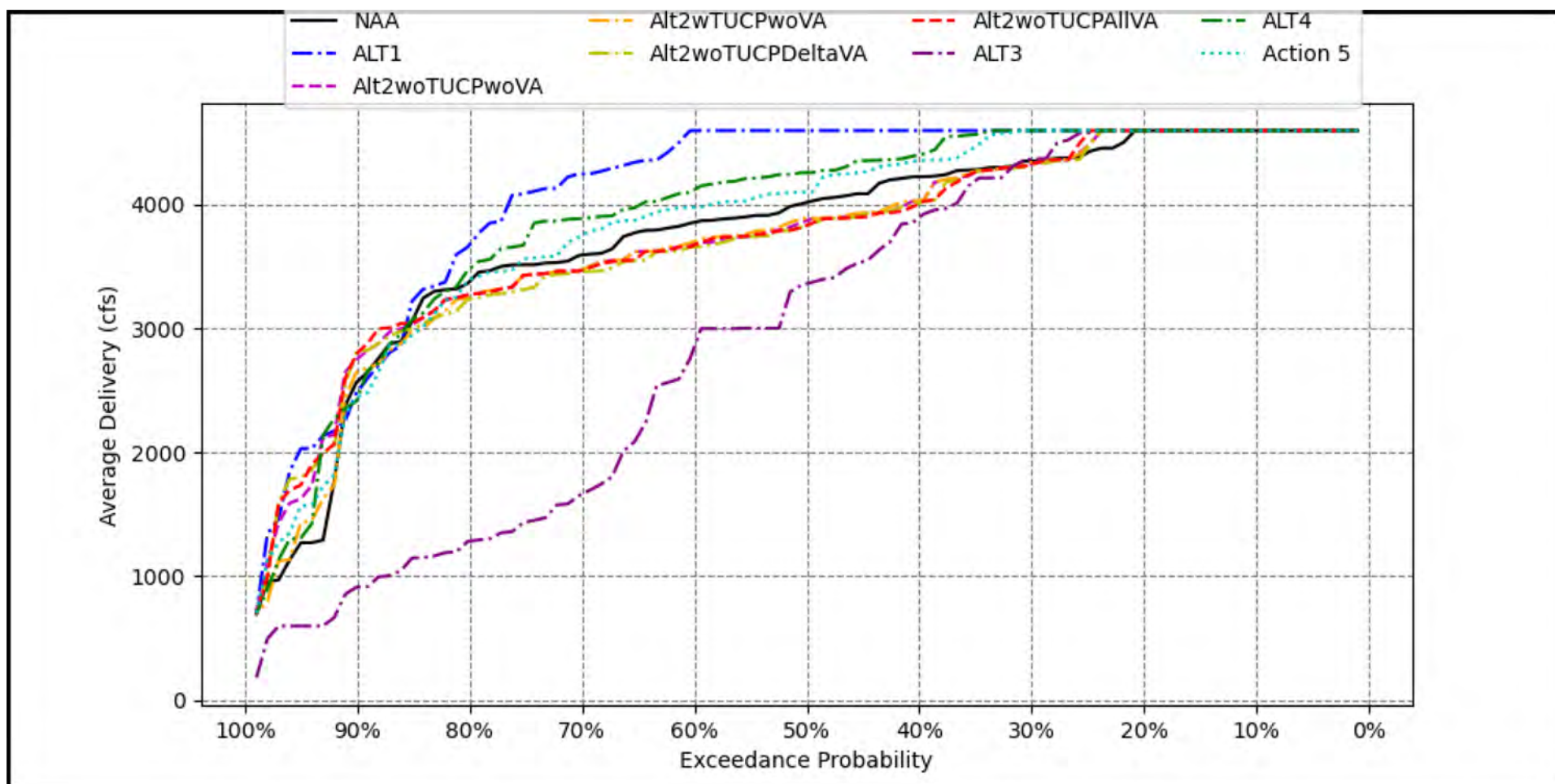
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-11-3 Jones PP Exports, December Delivery



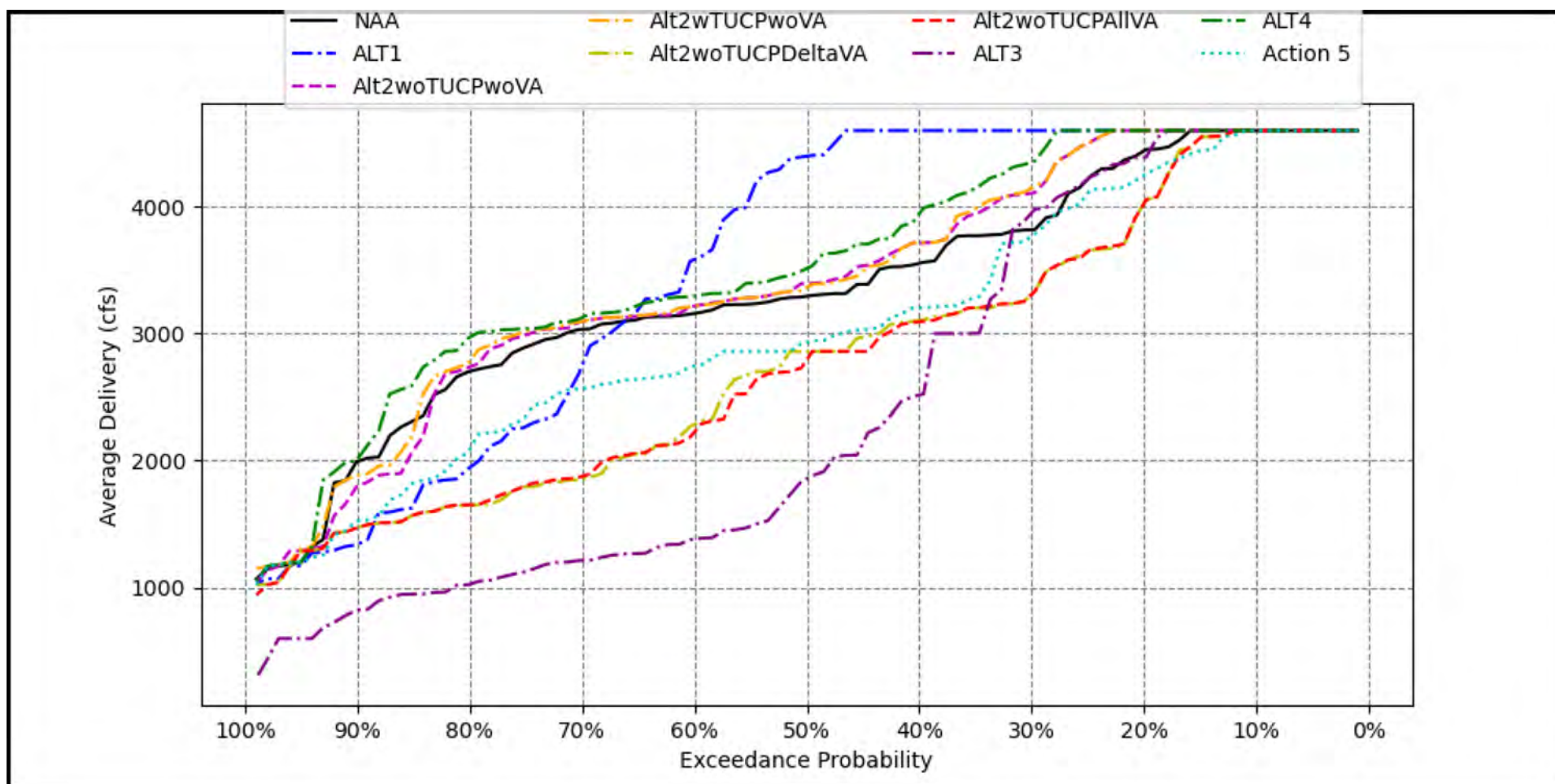
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-11-4 Jones PP Exports, January Delivery



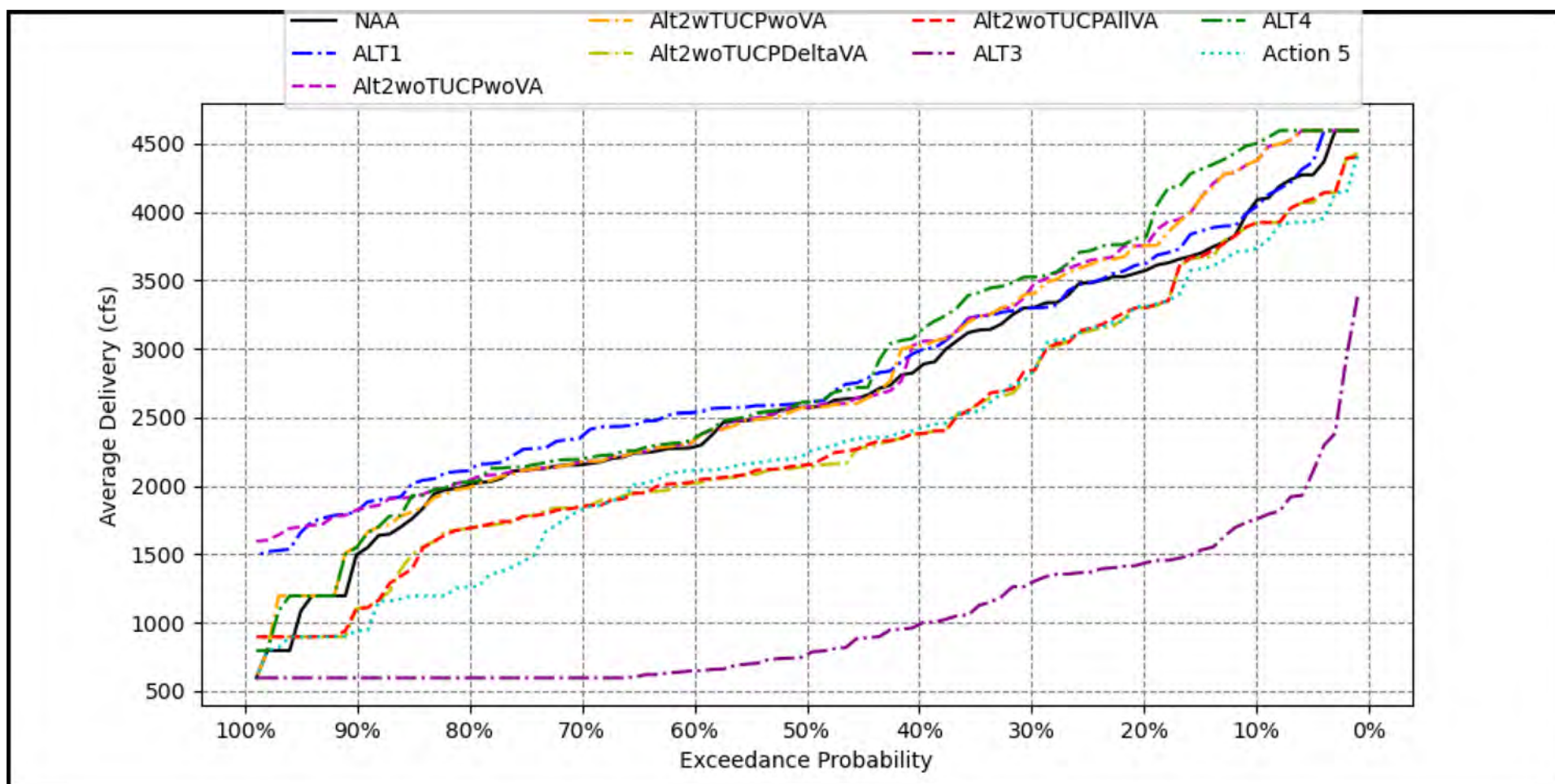
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-11-5 Jones PP Exports, February Delivery



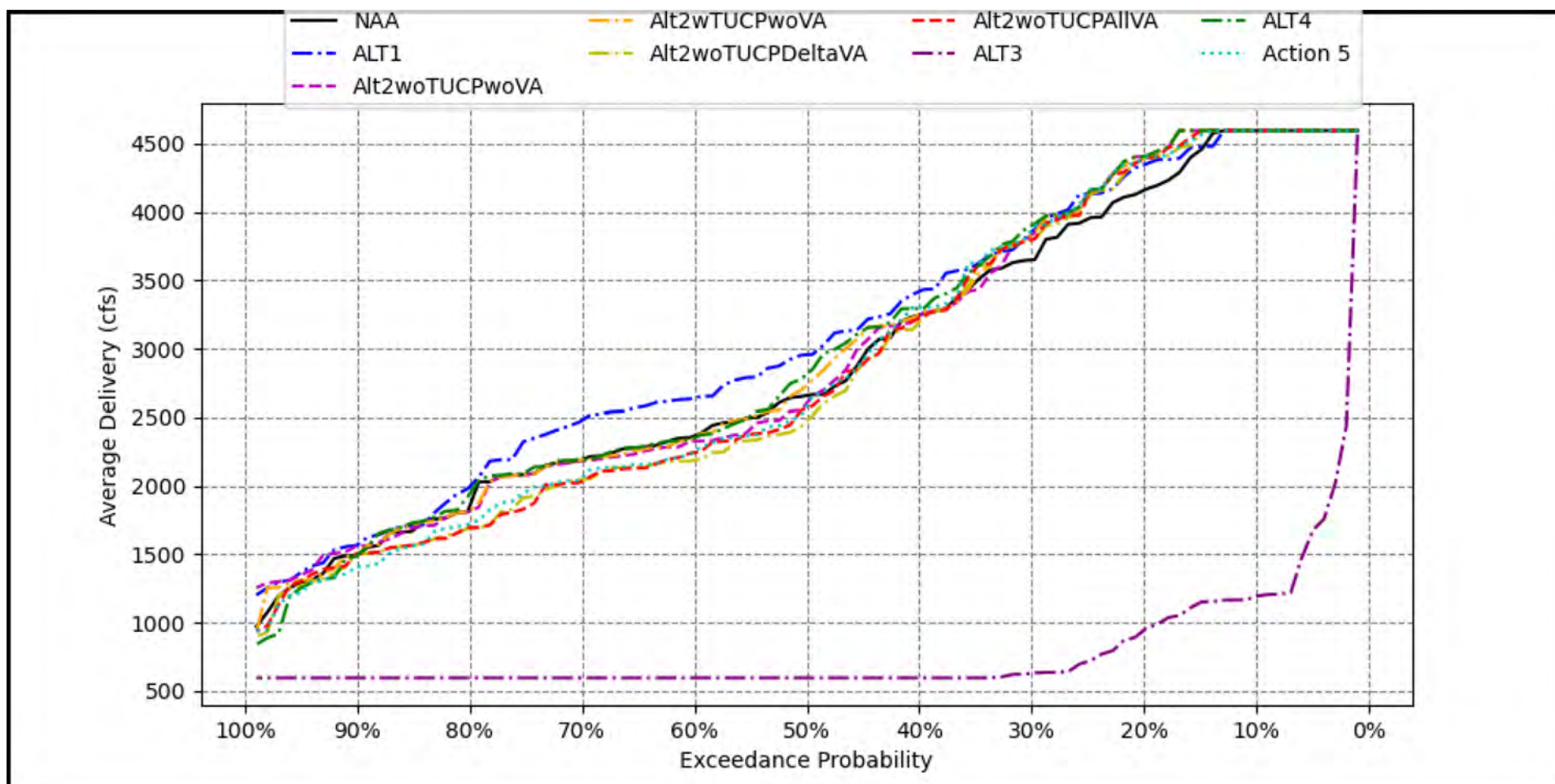
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-11-6 Jones PP Exports, March Delivery



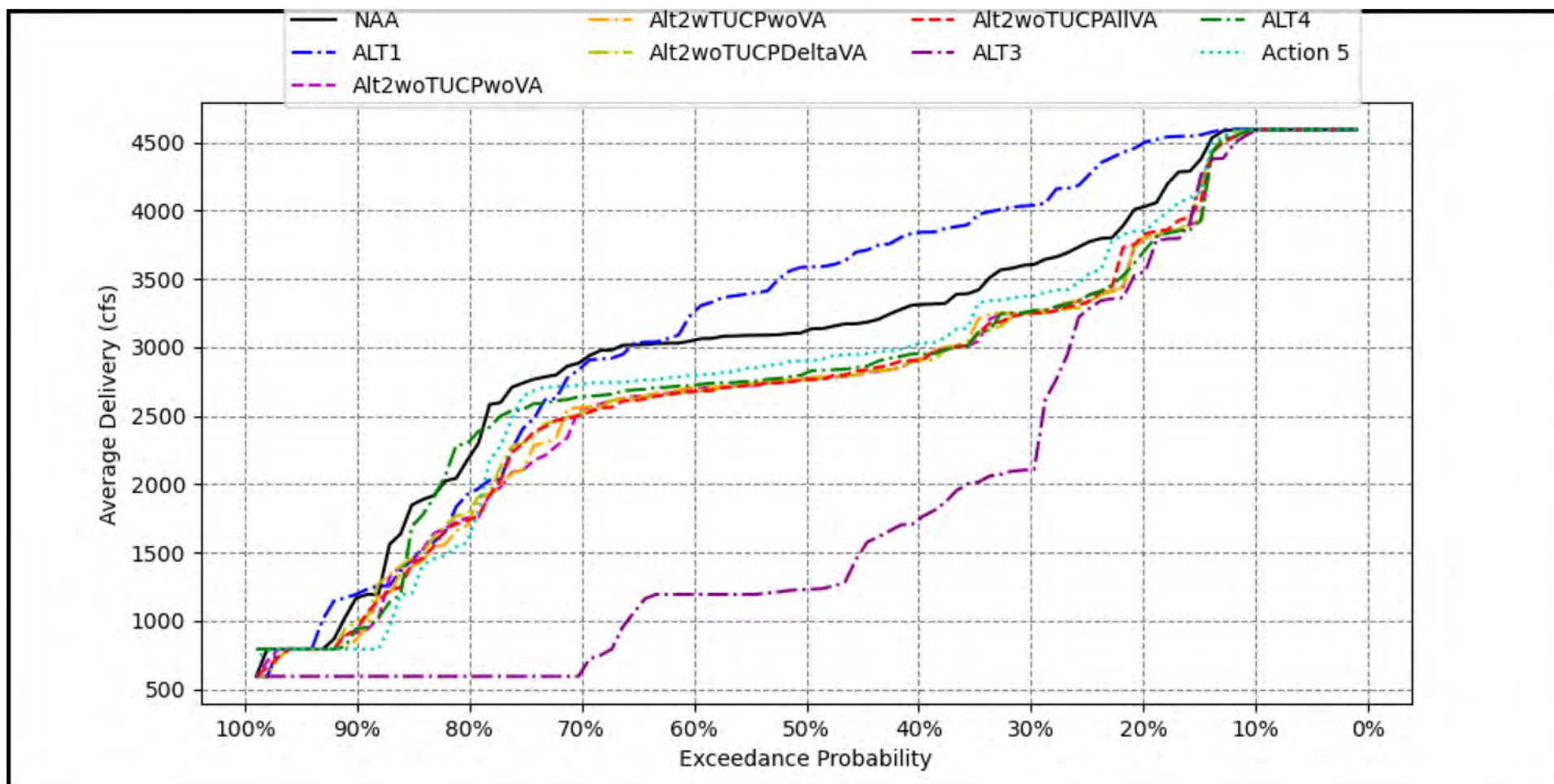
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-11-7 Jones PP Exports, April Delivery



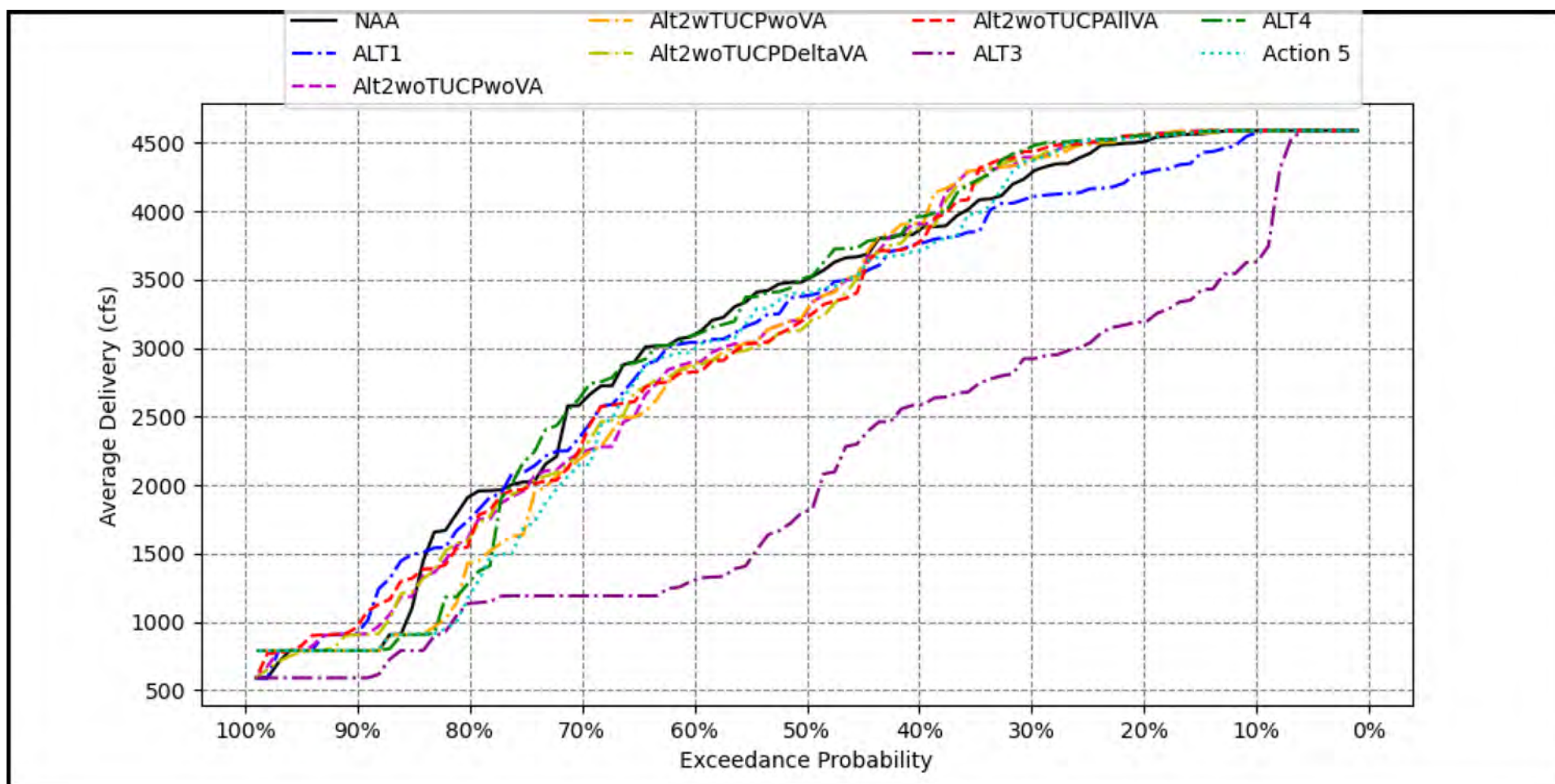
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-11-8 Jones PP Exports, May Delivery



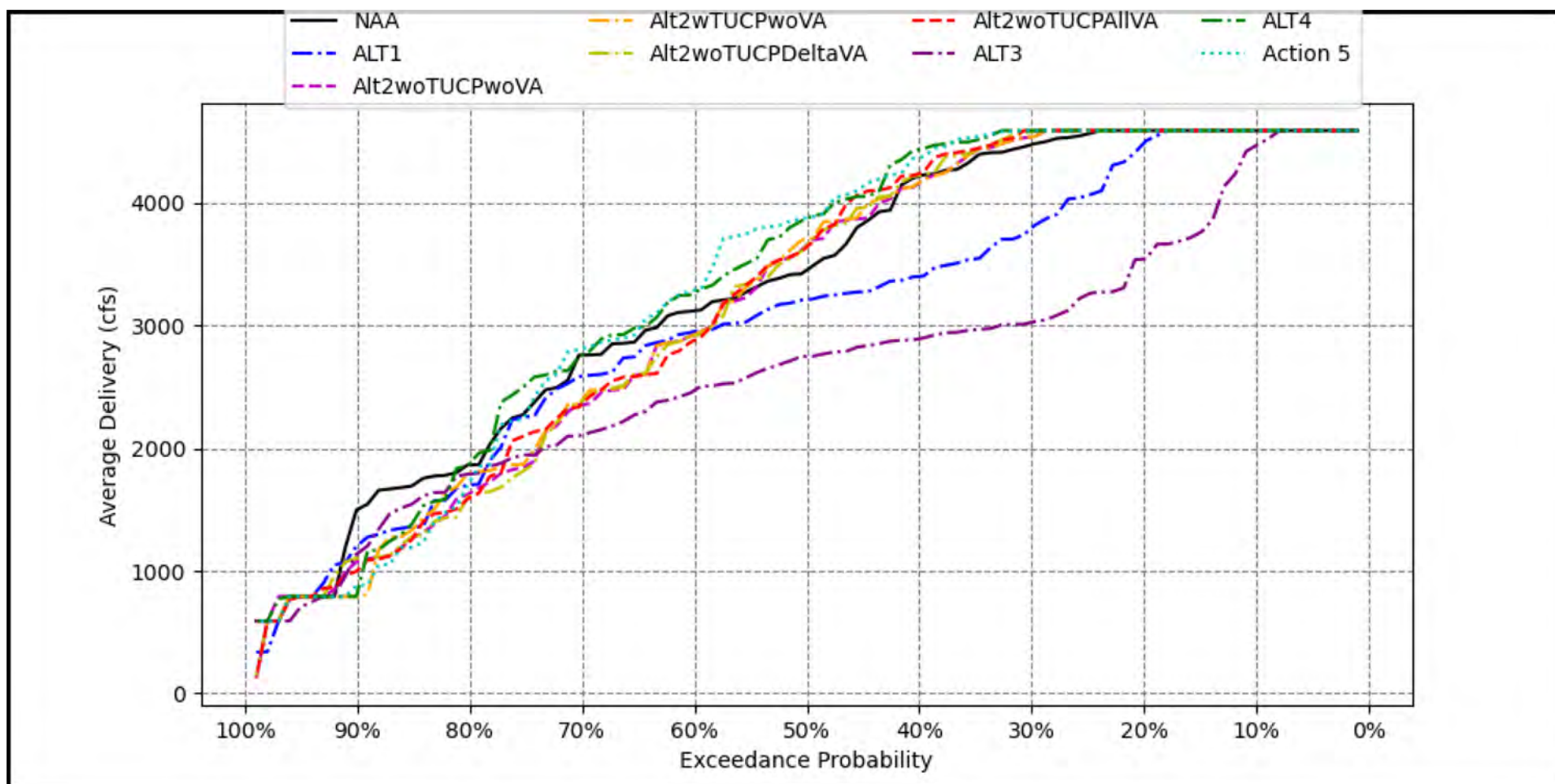
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-11-9 Jones PP Exports, June Delivery



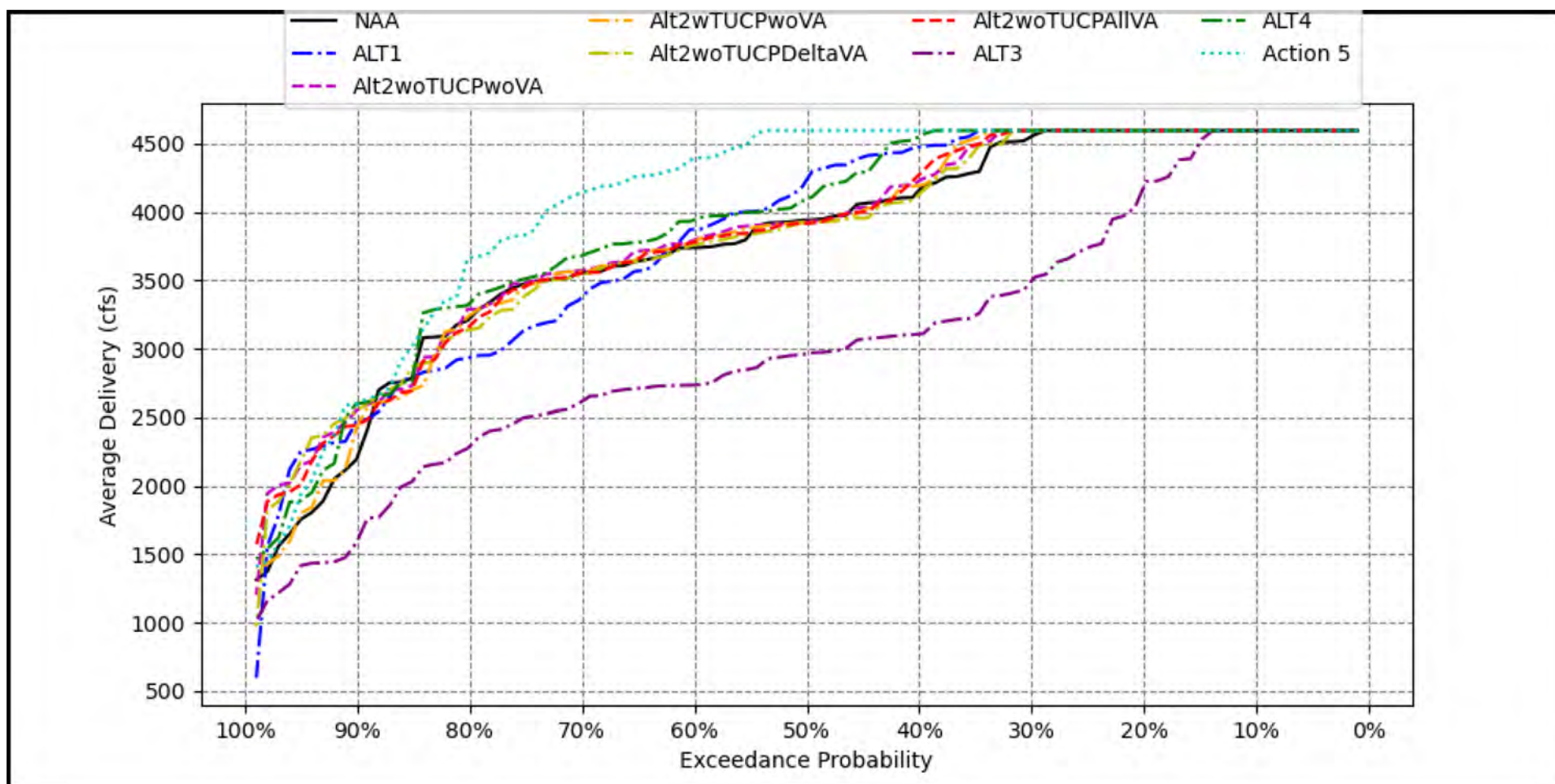
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-11-10 Jones PP Exports, July Delivery



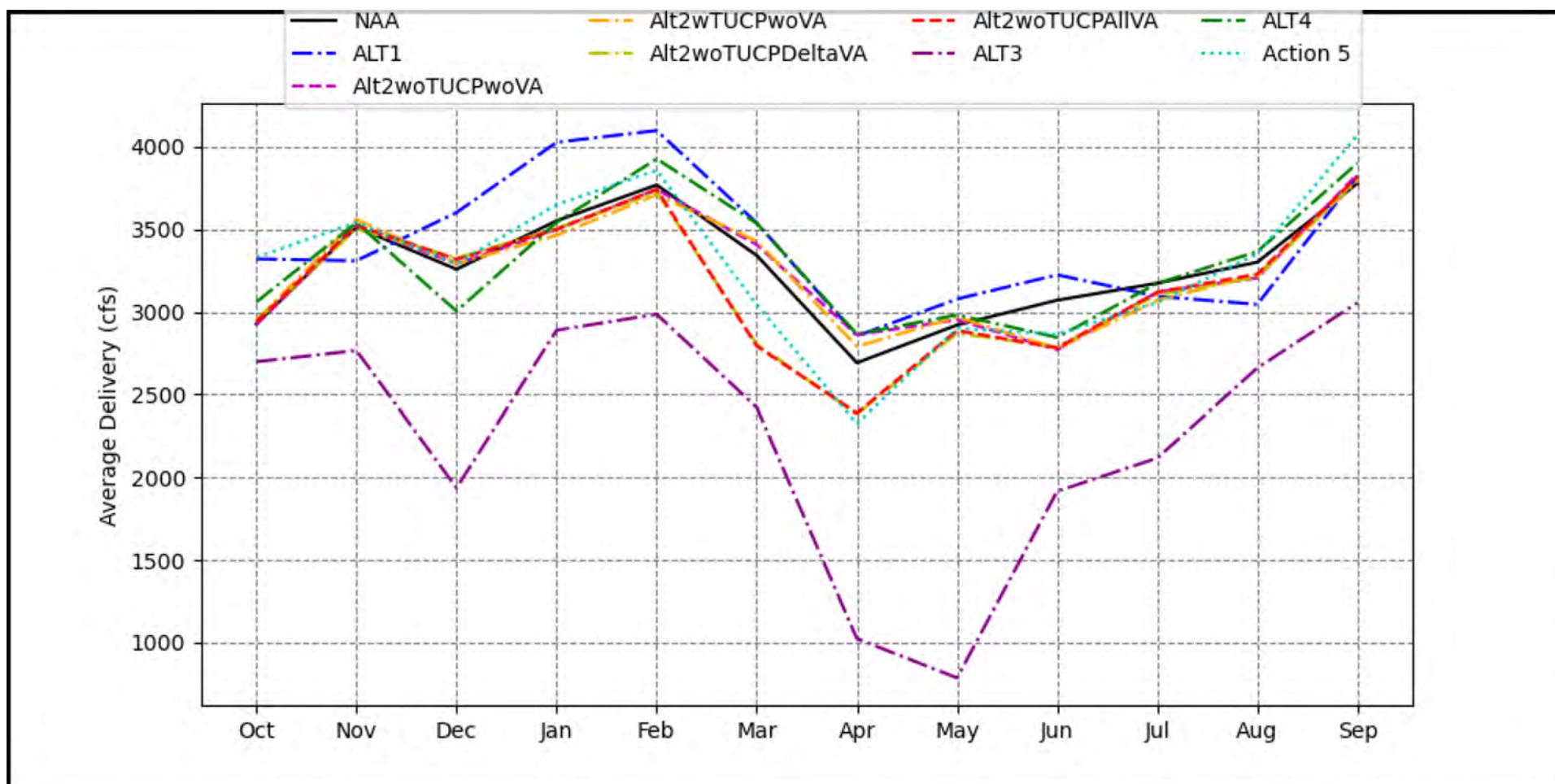
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-11-11 Jones PP Exports, August Delivery



*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-11-12 Jones PP Exports, September Delivery

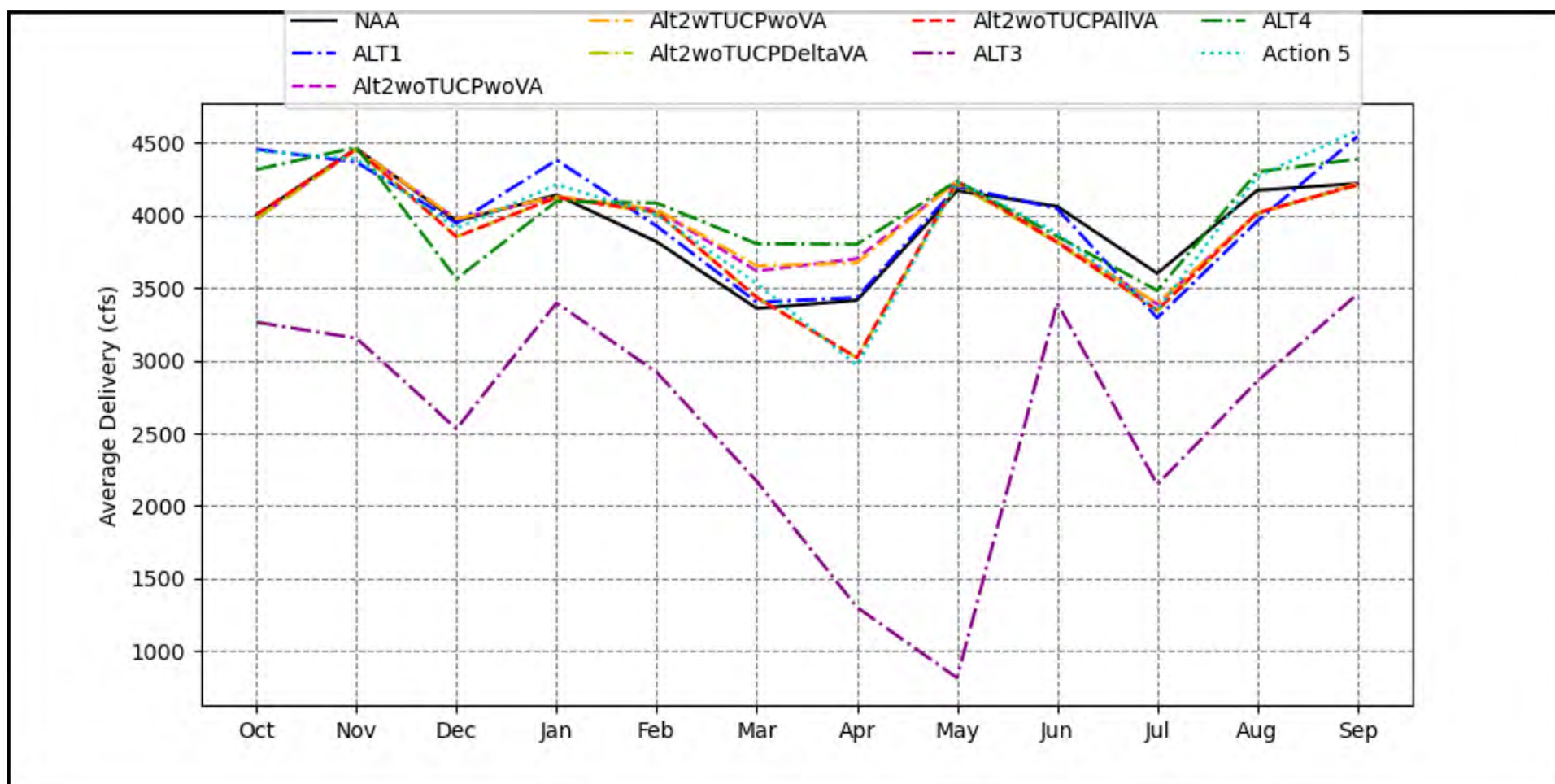


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-11-13 Jones PP Exports, Long Term Average Delivery (cfs)

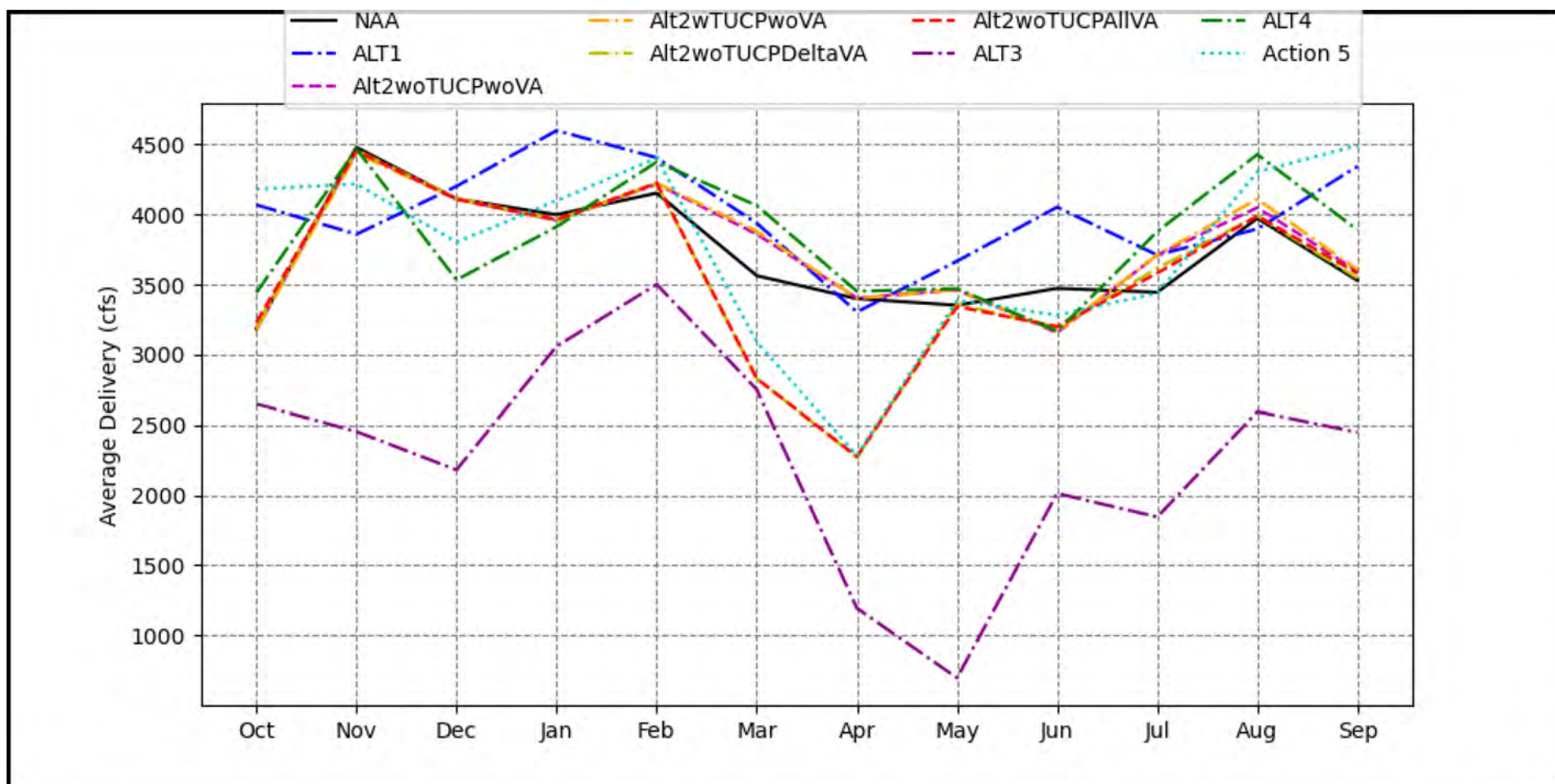


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-11-14 Jones PP Exports, Wet Year Average Delivery (cfs)

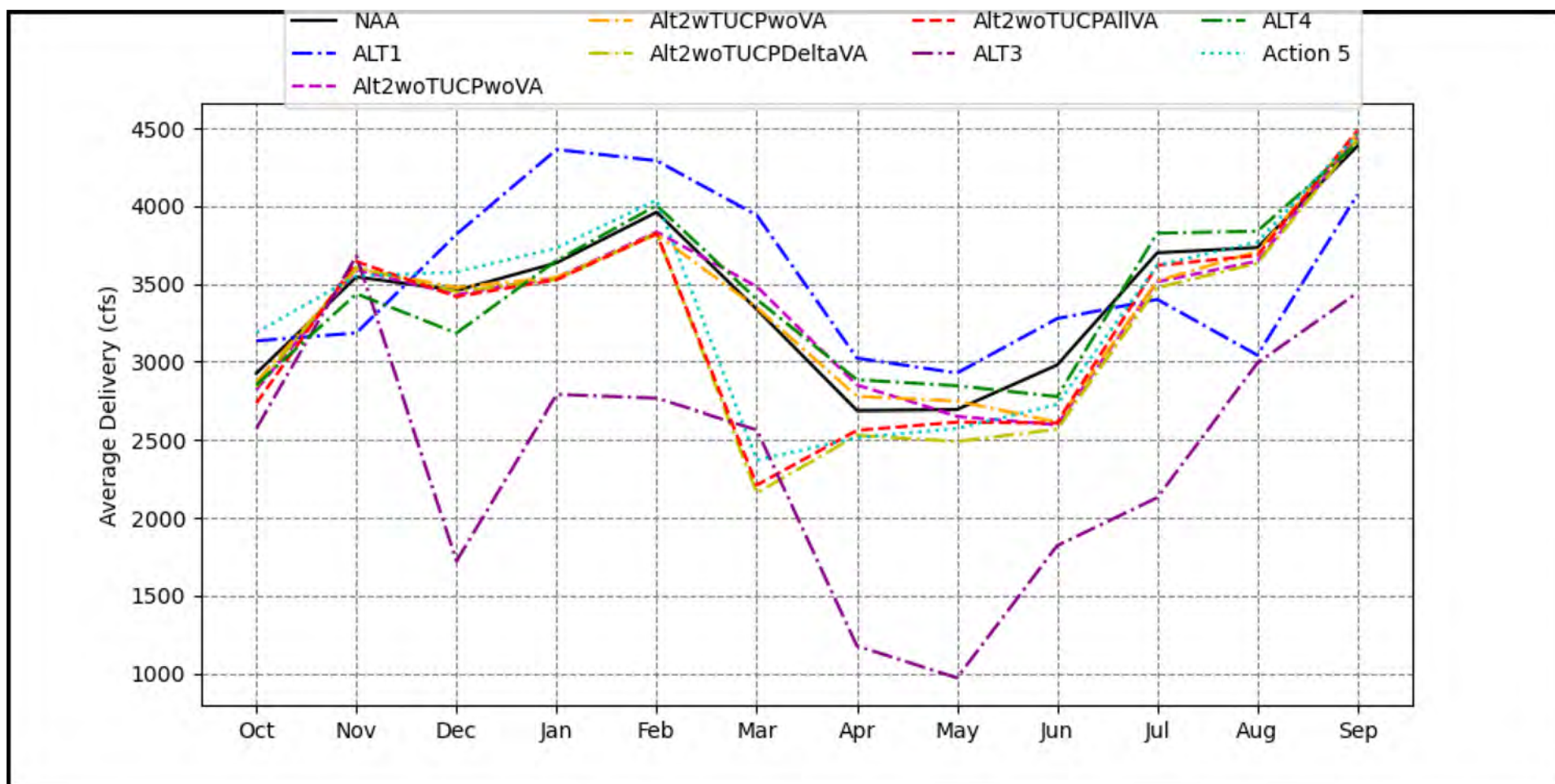


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-11-15 Jones PP Exports, Above Normal Year Average Delivery (cfs)

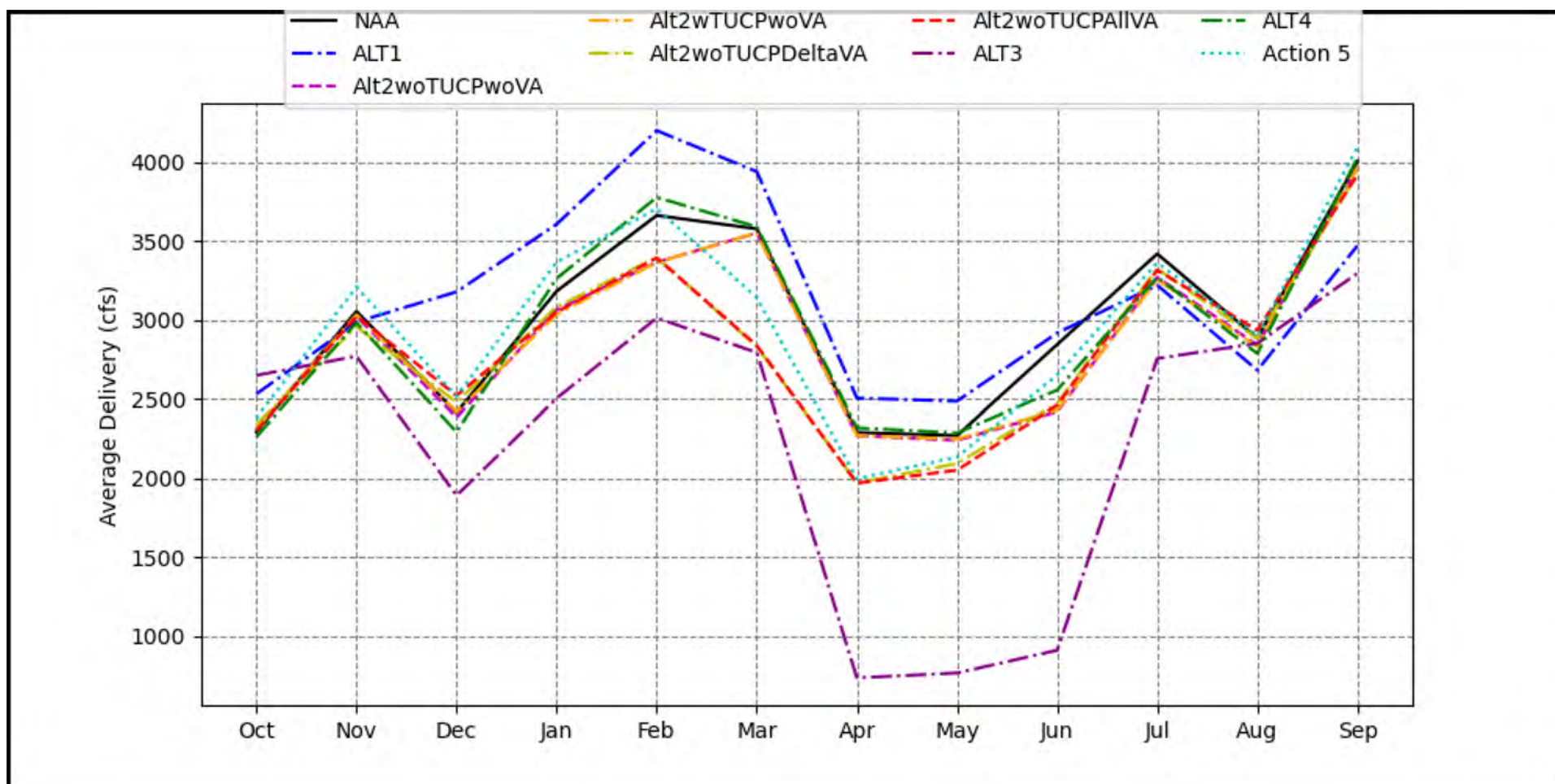


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-11-16 Jones PP Exports, Below Normal Year Average Delivery (cfs)

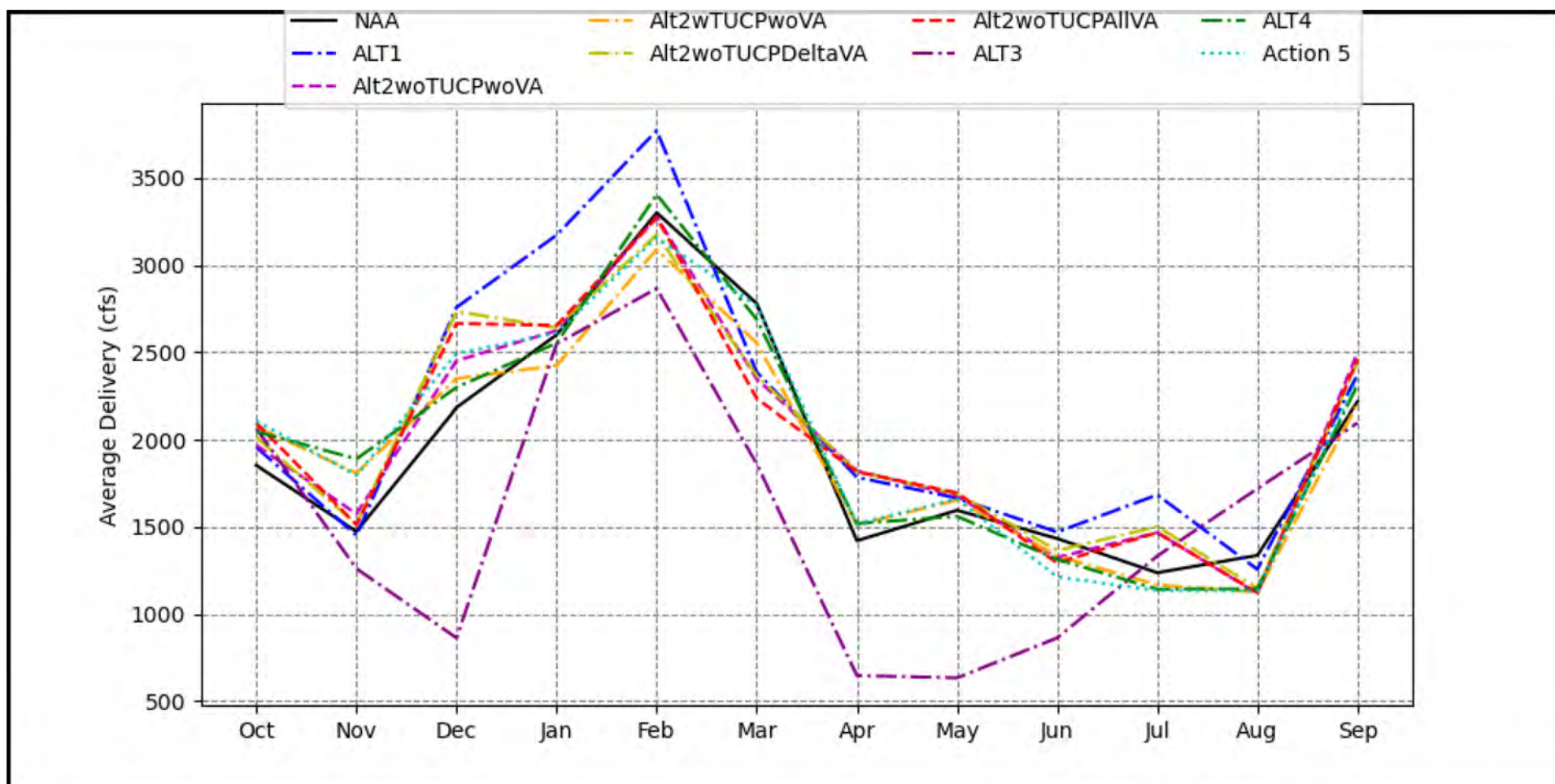


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-11-17 Jones PP Exports, Dry Year Average Delivery (cfs)



*As defined by the 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 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-11-18 Jones PP Exports, Critical Year Average Delivery (cfs)

F.2.3-12 CVP Banks PP Exports

Table F.2.3-12-1 a. CVP Banks PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,691	0	0	0	0	0	0	0	764	389	0
20% Exceedance	0	1,271	0	0	0	0	0	0	0	424	0	0
30% Exceedance	0	819	0	0	0	0	0	0	0	2	0	0
40% Exceedance	0	36	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
Full Simulation Period Average^a	54	482	48	34	26	40	0	9	11	188	109	11
Wet Years (27.7%)	0	820	119	123	94	141	0	31	39	79	0	0
Above Normal Years (13.9%)	0	1,244	84	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	298	280	0	0	0	0	0	0	0	87	502	60
Dry Years (23.8%)	0	21	11	0	0	0	0	0	0	576	78	0
Critical Years (15.8%)	0	18	0	0	0	0	0	0	0	76	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-1 b. CVP Banks PP Exports, ALT1, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,332	531	0	734	683	422	0	0	0	1,145	604	1,353
20% Exceedance	692	9	0	0	0	0	0	0	0	748	0	644
30% Exceedance	179	0	0	0	0	0	0	0	0	397	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
Full Simulation Period Average^a	317	137	40	211	220	141	0	9	11	315	128	288
Wet Years (27.7%)	576	375	98	460	593	383	0	31	41	181	174	245
Above Normal Years (13.9%)	726	51	87	577	382	142	0	0	0	13	92	775
Below Normal Years (17.8%)	169	48	0	10	0	8	0	0	0	321	189	616
Dry Years (23.8%)	0	0	0	0	0	53	0	0	0	744	136	0
Critical Years (15.8%)	42	86	4	0	0	0	0	0	0	165	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-1 c. CVP Banks PP Exports, ALT1 Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,332	-1,160	0	734	683	422	0	0	0	381	215	1,353
20% Exceedance	692	-1,262	0	0	0	0	0	0	0	324	0	644
30% Exceedance	179	-819	0	0	0	0	0	0	0	395	0	0
40% Exceedance	0	-36	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
Full Simulation Period Average^a	264	-345	-7	177	193	102	0	0	0	127	19	277
Wet Years (27.7%)	576	-445	-21	337	499	242	0	0	2	102	174	245
Above Normal Years (13.9%)	726	-1,193	3	577	382	142	0	0	0	13	92	775
Below Normal Years (17.8%)	-129	-232	0	10	0	8	0	0	0	234	-314	556
Dry Years (23.8%)	0	-21	-11	0	0	53	0	0	0	167	58	0
Critical Years (15.8%)	42	68	4	0	0	0	0	0	0	89	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-2 a. CVP Banks PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,691	0	0	0	0	0	0	0	764	389	0
20% Exceedance	0	1,271	0	0	0	0	0	0	0	424	0	0
30% Exceedance	0	819	0	0	0	0	0	0	0	2	0	0
40% Exceedance	0	36	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
Full Simulation Period Average^a	54	482	48	34	26	40	0	9	11	188	109	11
Wet Years (27.7%)	0	820	119	123	94	141	0	31	39	79	0	0
Above Normal Years (13.9%)	0	1,244	84	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	298	280	0	0	0	0	0	0	0	87	502	60
Dry Years (23.8%)	0	21	11	0	0	0	0	0	0	576	78	0
Critical Years (15.8%)	0	18	0	0	0	0	0	0	0	76	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-2 b. CVP Banks PP Exports, Alt2woTUCPwoVA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,755	0	0	0	0	0	0	0	660	313	0
20% Exceedance	0	1,286	0	0	0	0	0	0	0	425	0	0
30% Exceedance	0	791	0	0	0	0	0	0	0	134	0	0
40% Exceedance	0	249	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
Full Simulation Period Average^a	31	518	86	52	46	96	0	9	11	195	106	19
Wet Years (27.7%)	21	828	253	184	102	341	0	31	39	149	0	0
Above Normal Years (13.9%)	0	1,271	77	0	126	0	0	0	0	0	0	0
Below Normal Years (17.8%)	125	407	0	0	0	0	0	0	0	122	451	104
Dry Years (23.8%)	0	0	17	0	0	0	0	0	0	507	104	0
Critical Years (15.8%)	14	100	0	0	0	0	0	0	0	58	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-2 c. CVP Banks PP Exports, Alt2woTUCPwoVA Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	64	0	0	0	0	0	0	0	-104	-77	0
20% Exceedance	0	15	0	0	0	0	0	0	0	1	0	0
30% Exceedance	0	-28	0	0	0	0	0	0	0	132	0	0
40% Exceedance	0	212	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
Full Simulation Period Average^a	-23	36	38	17	20	56	0	0	0	6	-3	8
Wet Years (27.7%)	21	8	135	61	7	200	0	0	0	70	0	0
Above Normal Years (13.9%)	0	26	-7	0	126	0	0	0	0	0	0	0
Below Normal Years (17.8%)	-173	127	0	0	0	0	0	0	0	35	-51	43
Dry Years (23.8%)	0	-21	6	0	0	0	0	0	0	-70	25	0
Critical Years (15.8%)	14	82	0	0	0	0	0	0	0	-17	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-3 a. CVP Banks PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,691	0	0	0	0	0	0	0	764	389	0
20% Exceedance	0	1,271	0	0	0	0	0	0	0	424	0	0
30% Exceedance	0	819	0	0	0	0	0	0	0	2	0	0
40% Exceedance	0	36	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
Full Simulation Period Average^a	54	482	48	34	26	40	0	9	11	188	109	11
Wet Years (27.7%)	0	820	119	123	94	141	0	31	39	79	0	0
Above Normal Years (13.9%)	0	1,244	84	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	298	280	0	0	0	0	0	0	0	87	502	60
Dry Years (23.8%)	0	21	11	0	0	0	0	0	0	576	78	0
Critical Years (15.8%)	0	18	0	0	0	0	0	0	0	76	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-3 b. CVP Banks PP Exports, Alt2wTUCPwoVA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,749	0	0	0	0	0	0	0	691	411	0
20% Exceedance	0	1,286	0	0	0	0	0	0	0	432	0	0
30% Exceedance	0	815	0	0	0	0	0	0	0	39	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
Full Simulation Period Average^a	34	496	87	51	48	106	0	9	11	197	118	16
Wet Years (27.7%)	21	825	258	183	103	379	0	31	39	151	0	0
Above Normal Years (13.9%)	0	1,268	77	0	139	0	0	0	0	0	0	0
Below Normal Years (17.8%)	155	376	0	0	0	0	0	0	0	134	504	89
Dry Years (23.8%)	0	0	17	0	0	0	0	0	0	513	114	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	47	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-3 c. CVP Banks PP Exports, Alt2wTUCPwoVA Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	58	0	0	0	0	0	0	0	-73	21	0
20% Exceedance	0	15	0	0	0	0	0	0	0	8	0	0
30% Exceedance	0	-4	0	0	0	0	0	0	0	38	0	0
40% Exceedance	0	-36	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
Full Simulation Period Average^a	-20	14	40	17	22	67	0	0	0	9	9	5
Wet Years (27.7%)	21	5	139	61	8	238	0	0	0	73	0	0
Above Normal Years (13.9%)	0	24	-6	0	139	0	0	0	0	0	0	0
Below Normal Years (17.8%)	-143	96	0	0	0	0	0	0	0	46	1	29
Dry Years (23.8%)	0	-21	6	0	0	0	0	0	0	-64	35	0
Critical Years (15.8%)	0	-18	0	0	0	0	0	0	0	-28	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-4 a. CVP Banks PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,691	0	0	0	0	0	0	0	764	389	0
20% Exceedance	0	1,271	0	0	0	0	0	0	0	424	0	0
30% Exceedance	0	819	0	0	0	0	0	0	0	2	0	0
40% Exceedance	0	36	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
Full Simulation Period Average^a	54	482	48	34	26	40	0	9	11	188	109	11
Wet Years (27.7%)	0	820	119	123	94	141	0	31	39	79	0	0
Above Normal Years (13.9%)	0	1,244	84	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	298	280	0	0	0	0	0	0	0	87	502	60
Dry Years (23.8%)	0	21	11	0	0	0	0	0	0	576	78	0
Critical Years (15.8%)	0	18	0	0	0	0	0	0	0	76	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-4 b. CVP Banks PP Exports, Alt2woTUCPDeltaVA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,371	307	0	0	0	0	0	0	638	722	0
20% Exceedance	0	1,053	0	0	0	0	0	0	0	213	0	0
30% Exceedance	0	711	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	206	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
Full Simulation Period Average^a	27	451	107	60	46	104	0	9	11	160	140	15
Wet Years (27.7%)	21	665	287	213	77	372	0	31	39	133	0	0
Above Normal Years (13.9%)	0	1,164	79	0	171	0	0	0	0	0	0	0
Below Normal Years (17.8%)	104	331	42	0	0	0	0	0	0	62	532	85
Dry Years (23.8%)	0	19	24	0	0	0	0	0	0	421	186	0
Critical Years (15.8%)	14	117	14	0	0	0	0	0	0	68	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-4 c. CVP Banks PP Exports, Alt2woTUCPDeltaVA Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	-319	307	0	0	0	0	0	0	-126	333	0
20% Exceedance	0	-218	0	0	0	0	0	0	0	-210	0	0
30% Exceedance	0	-108	0	0	0	0	0	0	0	-2	0	0
40% Exceedance	0	170	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
Full Simulation Period Average^a	-27	-31	59	25	19	65	0	0	0	-28	31	4
Wet Years (27.7%)	21	-155	168	90	-17	231	0	0	0	54	0	0
Above Normal Years (13.9%)	0	-81	-5	0	171	0	0	0	0	0	0	0
Below Normal Years (17.8%)	-194	51	42	0	0	0	0	0	0	-25	30	25
Dry Years (23.8%)	0	-2	13	0	0	0	0	0	0	-156	108	0
Critical Years (15.8%)	14	99	14	0	0	0	0	0	0	-8	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-5 a. CVP Banks PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,691	0	0	0	0	0	0	0	764	389	0
20% Exceedance	0	1,271	0	0	0	0	0	0	0	424	0	0
30% Exceedance	0	819	0	0	0	0	0	0	0	2	0	0
40% Exceedance	0	36	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
Full Simulation Period Average^a	54	482	48	34	26	40	0	9	11	188	109	11
Wet Years (27.7%)	0	820	119	123	94	141	0	31	39	79	0	0
Above Normal Years (13.9%)	0	1,244	84	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	298	280	0	0	0	0	0	0	0	87	502	60
Dry Years (23.8%)	0	21	11	0	0	0	0	0	0	576	78	0
Critical Years (15.8%)	0	18	0	0	0	0	0	0	0	76	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-5 b. CVP Banks PP Exports, Alt2woTUCPAIIVA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,481	177	0	0	0	0	0	0	653	654	0
20% Exceedance	0	1,053	0	0	0	0	0	0	0	291	0	0
30% Exceedance	0	702	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	215	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
Full Simulation Period Average^a	38	456	105	57	36	102	0	9	11	165	127	22
Wet Years (27.7%)	21	677	300	204	82	365	0	31	39	142	0	0
Above Normal Years (13.9%)	0	1,167	80	0	92	0	0	0	0	0	0	0
Below Normal Years (17.8%)	167	337	52	0	0	0	0	0	0	60	452	121
Dry Years (23.8%)	0	22	0	0	0	0	0	0	0	440	191	0
Critical Years (15.8%)	14	115	0	0	0	0	0	0	0	59	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-5 c. CVP Banks PP Exports, Alt2woTUCPAIIVA Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	-210	177	0	0	0	0	0	0	-111	265	0
20% Exceedance	0	-218	0	0	0	0	0	0	0	-133	0	0
30% Exceedance	0	-117	0	0	0	0	0	0	0	-2	0	0
40% Exceedance	0	179	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
Full Simulation Period Average^a	-16	-26	57	23	9	63	0	0	0	-23	18	11
Wet Years (27.7%)	21	-143	181	82	-12	223	0	0	0	63	0	0
Above Normal Years (13.9%)	0	-78	-4	0	92	0	0	0	0	0	0	0
Below Normal Years (17.8%)	-132	57	52	0	0	0	0	0	0	-28	-51	60
Dry Years (23.8%)	0	1	-11	0	0	0	0	0	0	-137	112	0
Critical Years (15.8%)	14	96	0	0	0	0	0	0	0	-17	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-6 a. CVP Banks PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,691	0	0	0	0	0	0	0	764	389	0
20% Exceedance	0	1,271	0	0	0	0	0	0	0	424	0	0
30% Exceedance	0	819	0	0	0	0	0	0	0	2	0	0
40% Exceedance	0	36	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
Full Simulation Period Average^a	54	482	48	34	26	40	0	9	11	188	109	11
Wet Years (27.7%)	0	820	119	123	94	141	0	31	39	79	0	0
Above Normal Years (13.9%)	0	1,244	84	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	298	280	0	0	0	0	0	0	0	87	502	60
Dry Years (23.8%)	0	21	11	0	0	0	0	0	0	576	78	0
Critical Years (15.8%)	0	18	0	0	0	0	0	0	0	76	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-6 b. CVP Banks PP Exports, ALT3, 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	0	0	0
20% Exceedance	0	0	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
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-6 c. CVP Banks PP Exports, ALT3 Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	-1,691	0	0	0	0	0	0	0	-764	-389	0
20% Exceedance	0	-1,271	0	0	0	0	0	0	0	-424	0	0
30% Exceedance	0	-819	0	0	0	0	0	0	0	-2	0	0
40% Exceedance	0	-36	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
Full Simulation Period Average^a	-54	-482	-48	-34	-26	-40	0	-9	-11	-188	-109	-11
Wet Years (27.7%)	0	-820	-119	-123	-94	-141	0	-31	-39	-79	0	0
Above Normal Years (13.9%)	0	-1,244	-84	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	-298	-280	0	0	0	0	0	0	0	-87	-502	-60
Dry Years (23.8%)	0	-21	-11	0	0	0	0	0	0	-576	-78	0
Critical Years (15.8%)	0	-18	0	0	0	0	0	0	0	-76	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-7 a. CVP Banks PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,691	0	0	0	0	0	0	0	764	389	0
20% Exceedance	0	1,271	0	0	0	0	0	0	0	424	0	0
30% Exceedance	0	819	0	0	0	0	0	0	0	2	0	0
40% Exceedance	0	36	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
Full Simulation Period Average^a	54	482	48	34	26	40	0	9	11	188	109	11
Wet Years (27.7%)	0	820	119	123	94	141	0	31	39	79	0	0
Above Normal Years (13.9%)	0	1,244	84	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	298	280	0	0	0	0	0	0	0	87	502	60
Dry Years (23.8%)	0	21	11	0	0	0	0	0	0	576	78	0
Critical Years (15.8%)	0	18	0	0	0	0	0	0	0	76	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-7 b. CVP Banks PP Exports, ALT4, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,706	0	0	0	0	0	0	0	673	651	0
20% Exceedance	0	1,248	0	0	0	0	0	0	0	388	130	0
30% Exceedance	0	857	0	0	0	0	0	0	0	27	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
Full Simulation Period Average^a	59	498	25	41	24	61	0	9	11	186	150	20
Wet Years (27.7%)	21	809	50	146	27	217	0	31	39	119	138	0
Above Normal Years (13.9%)	15	1,128	2	0	115	0	0	0	0	0	228	0
Below Normal Years (17.8%)	284	489	61	0	0	0	0	0	0	94	252	109
Dry Years (23.8%)	0	22	0	0	0	0	0	0	0	500	140	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	95	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-7 c. CVP Banks PP Exports, ALT4 Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	16	0	0	0	0	0	0	0	-92	262	0
20% Exceedance	0	-23	0	0	0	0	0	0	0	-36	130	0
30% Exceedance	0	38	0	0	0	0	0	0	0	25	0	0
40% Exceedance	0	-36	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
Full Simulation Period Average^a	6	16	-22	6	-3	21	0	0	0	-3	40	9
Wet Years (27.7%)	21	-11	-68	23	-68	76	0	0	0	40	138	0
Above Normal Years (13.9%)	15	-117	-82	0	115	0	0	0	0	0	228	0
Below Normal Years (17.8%)	-14	209	61	0	0	0	0	0	0	7	-250	48
Dry Years (23.8%)	0	2	-11	0	0	0	0	0	0	-76	62	0
Critical Years (15.8%)	0	-18	0	0	0	0	0	0	0	19	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-8 a. CVP Banks PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,691	0	0	0	0	0	0	0	764	389	0
20% Exceedance	0	1,271	0	0	0	0	0	0	0	424	0	0
30% Exceedance	0	819	0	0	0	0	0	0	0	2	0	0
40% Exceedance	0	36	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
Full Simulation Period Average^a	54	482	48	34	26	40	0	9	11	188	109	11
Wet Years (27.7%)	0	820	119	123	94	141	0	31	39	79	0	0
Above Normal Years (13.9%)	0	1,244	84	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	298	280	0	0	0	0	0	0	0	87	502	60
Dry Years (23.8%)	0	21	11	0	0	0	0	0	0	576	78	0
Critical Years (15.8%)	0	18	0	0	0	0	0	0	0	76	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-8 b. CVP Banks PP Exports, Action 5, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	875	1,279	0	0	0	0	0	0	0	733	1,049	739
20% Exceedance	259	949	0	0	0	0	0	0	0	311	341	2
30% Exceedance	1	325	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
Full Simulation Period Average^a	214	350	75	46	29	137	0	9	11	173	226	202
Wet Years (27.7%)	347	472	216	164	62	467	0	31	39	146	133	590
Above Normal Years (13.9%)	493	761	12	0	84	42	0	0	0	0	251	136
Below Normal Years (17.8%)	167	574	71	0	0	0	0	0	0	80	375	62
Dry Years (23.8%)	0	19	0	0	0	0	0	0	0	394	360	30
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	148	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-12-8 c. CVP Banks PP Exports, Action 5 Minus NAA, Monthly Delivery (cfs)

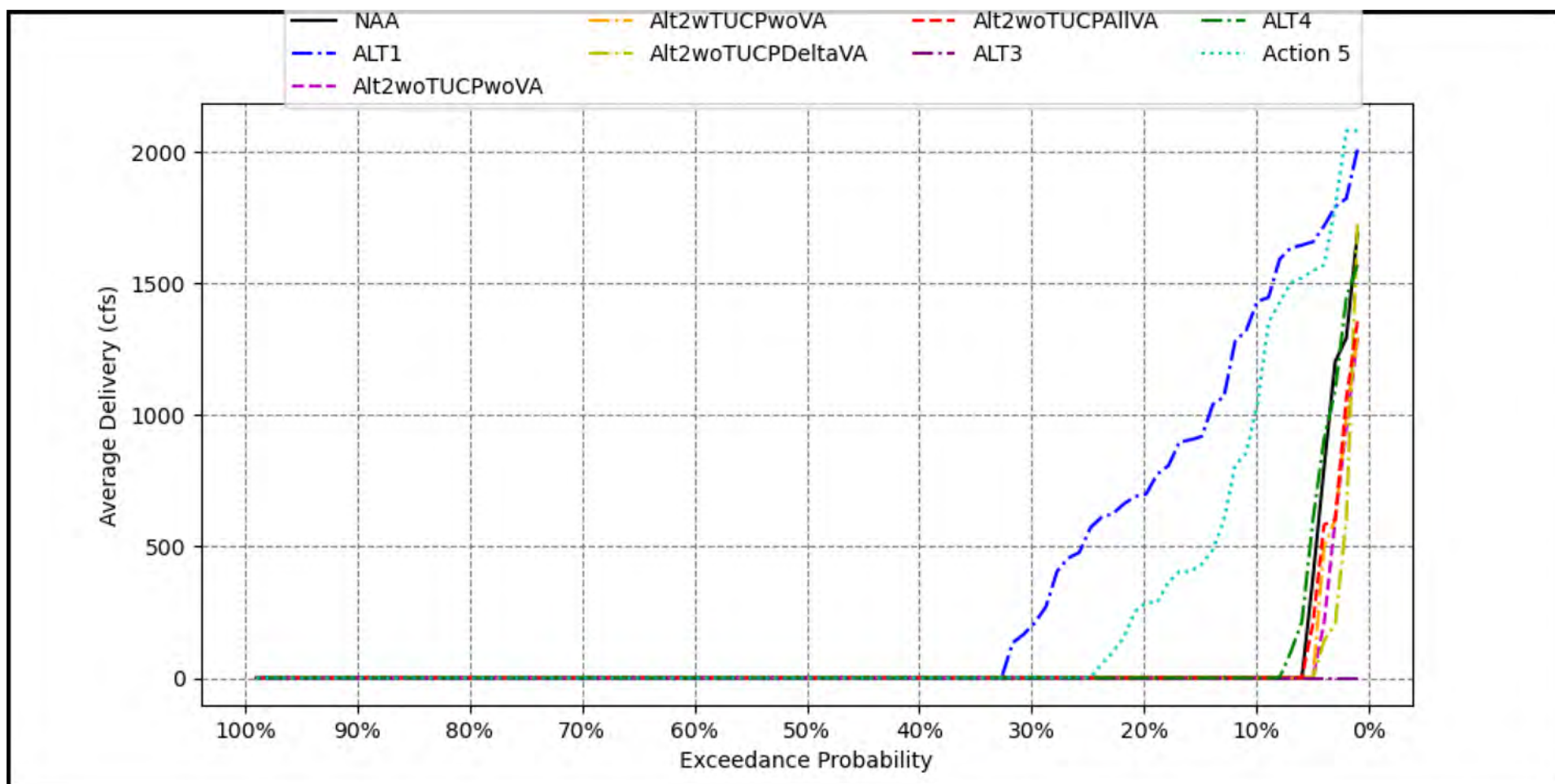
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	875	-412	0	0	0	0	0	0	0	-31	660	739
20% Exceedance	259	-322	0	0	0	0	0	0	0	-113	341	2
30% Exceedance	1	-494	0	0	0	0	0	0	0	-2	0	0
40% Exceedance	0	-36	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	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
Full Simulation Period Average^a	160	-132	27	12	3	97	0	0	0	-15	117	192
Wet Years (27.7%)	347	-348	98	41	-32	326	0	0	0	67	133	590
Above Normal Years (13.9%)	493	-483	-72	0	84	42	0	0	0	0	251	136
Below Normal Years (17.8%)	-131	294	71	0	0	0	0	0	0	-7	-128	2
Dry Years (23.8%)	0	-1	-11	0	0	0	0	0	0	-183	282	30
Critical Years (15.8%)	0	-18	0	0	0	0	0	0	0	72	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

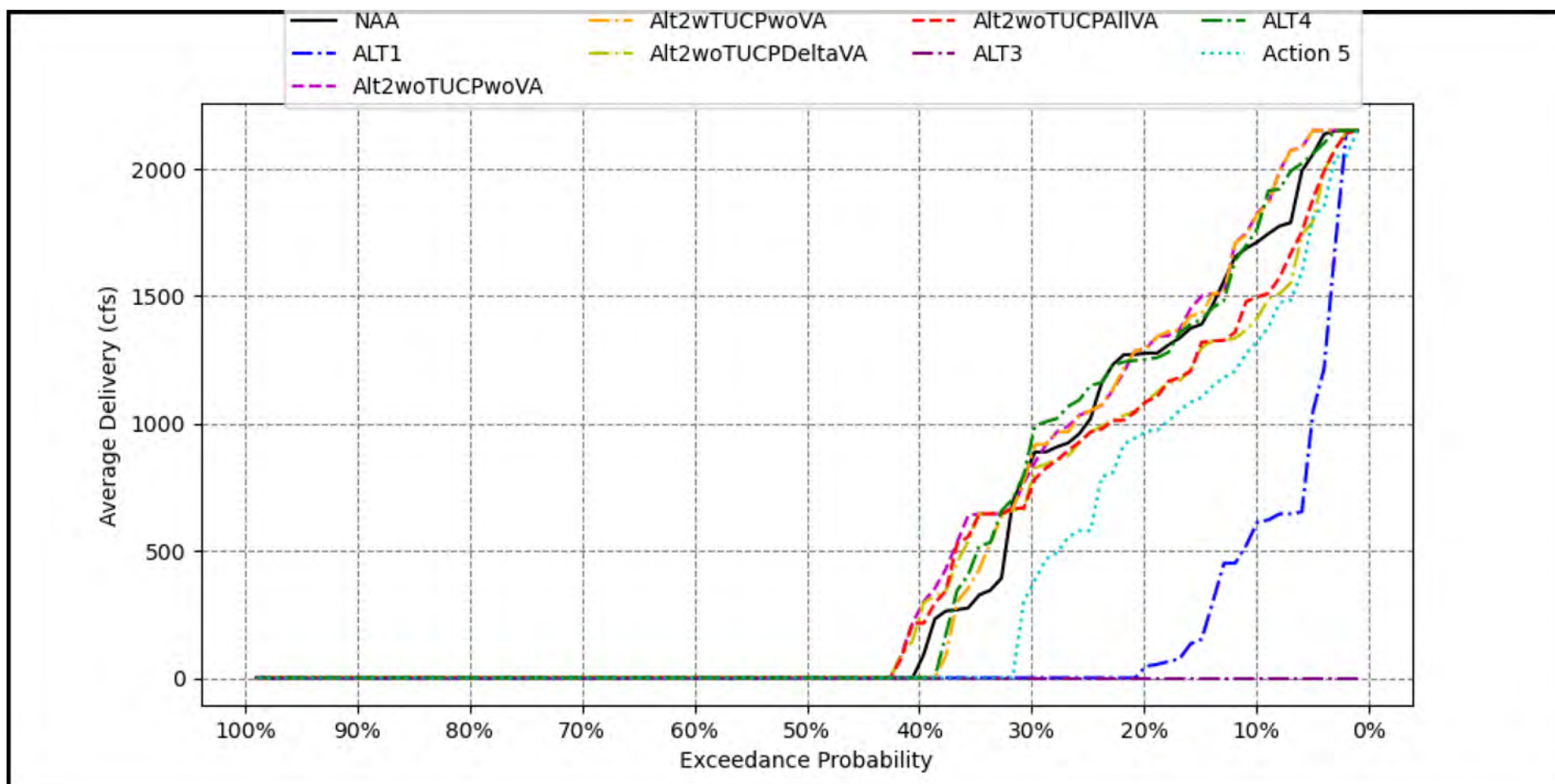
* Water Year Types defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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



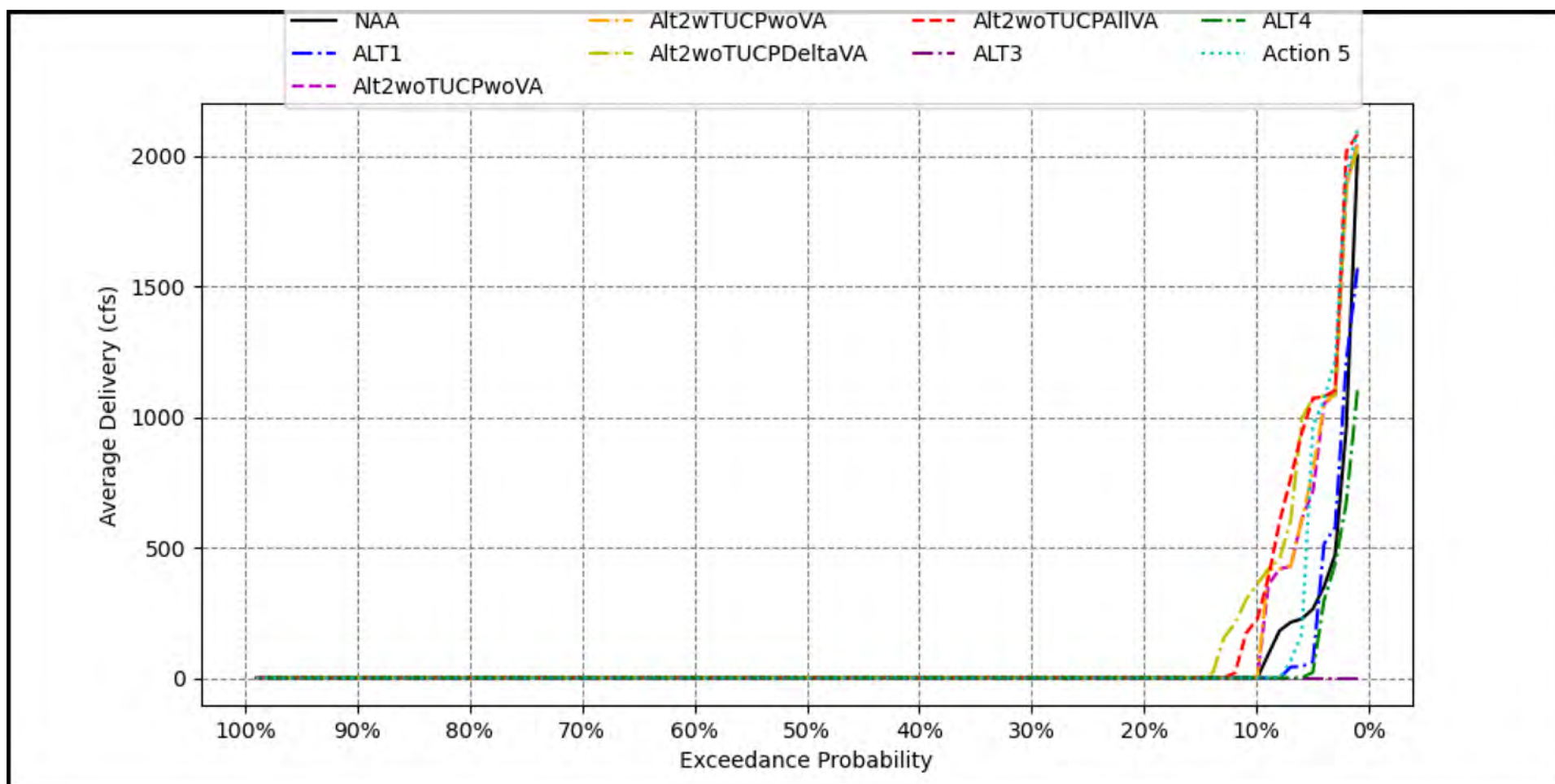
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-12-1 CVP Banks PP Exports, October Delivery



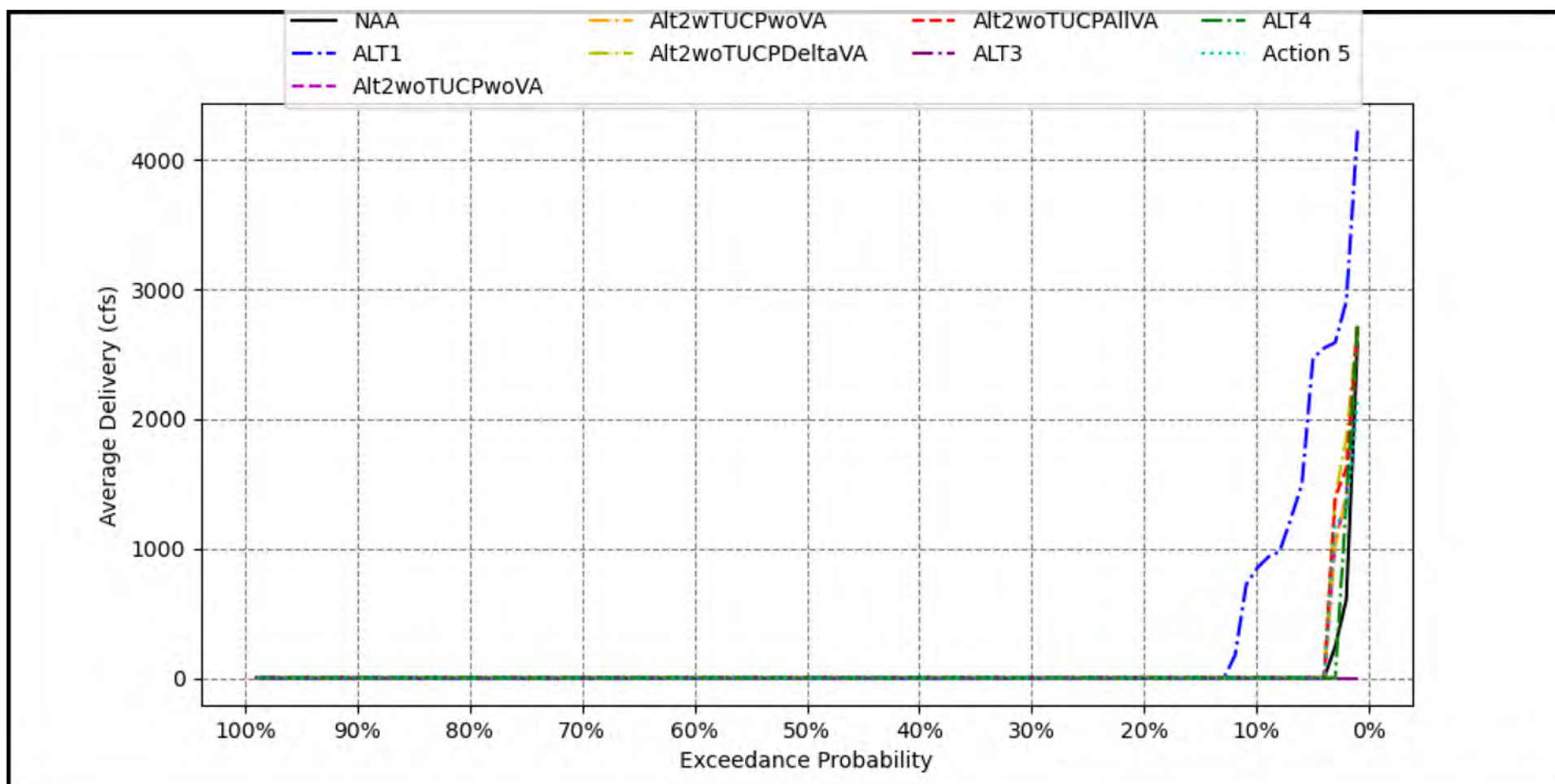
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-12-2 CVP Banks PP Exports, November Delivery



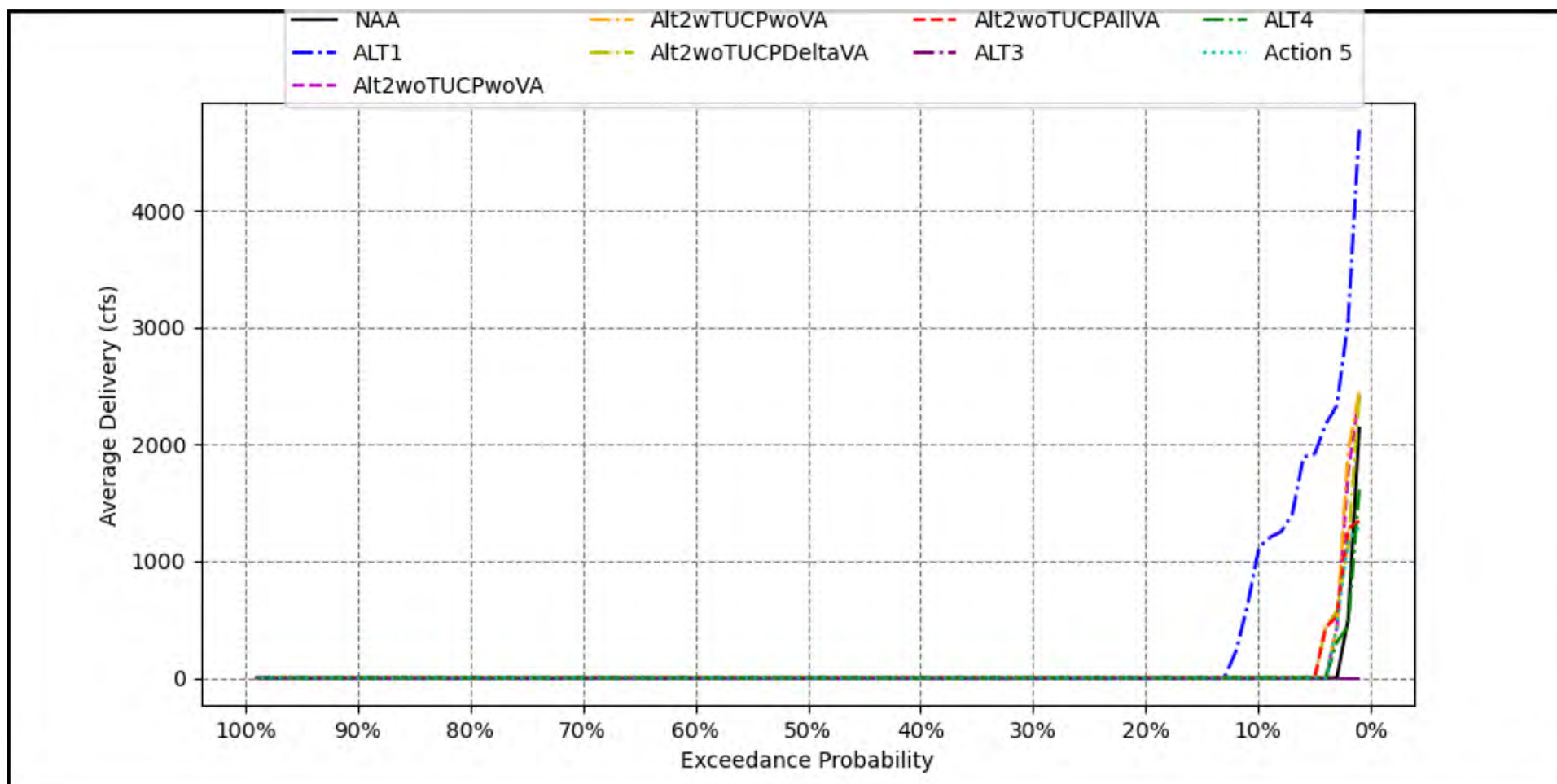
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-12-3 CVP Banks PP Exports, December Delivery



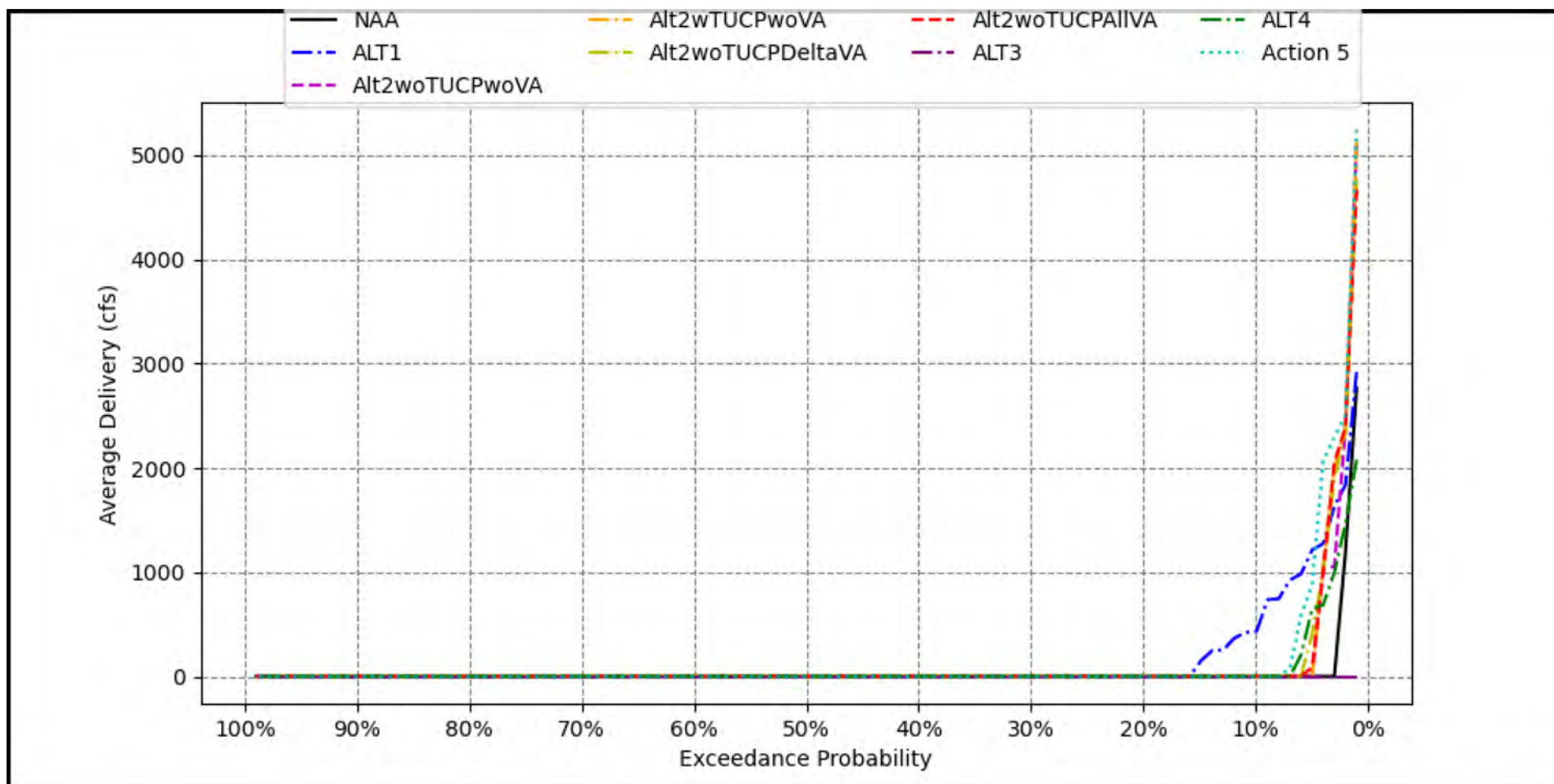
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-12-4 CVP Banks PP Exports, January Delivery



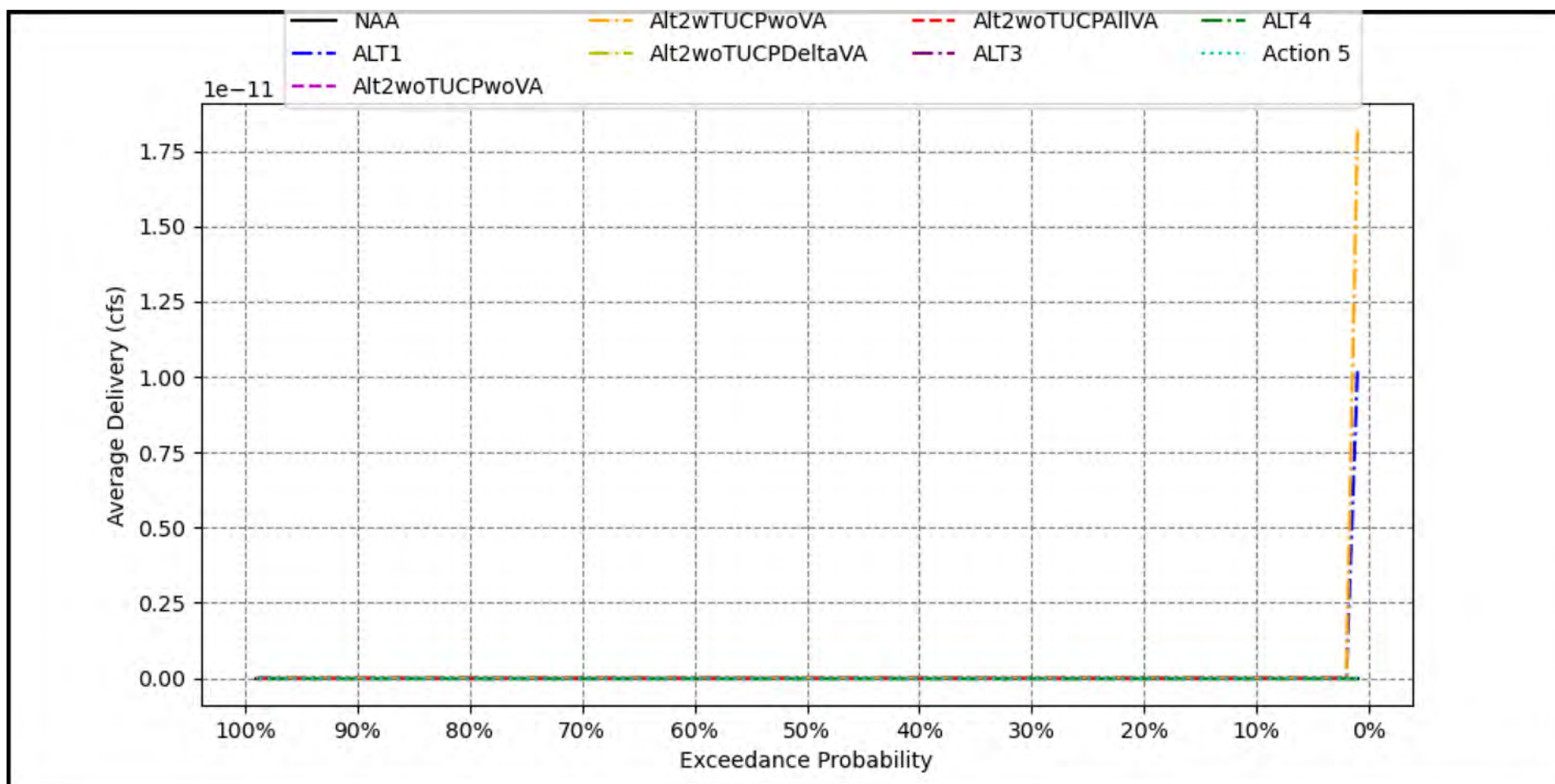
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-12-5 CVP Banks PP Exports, February Delivery



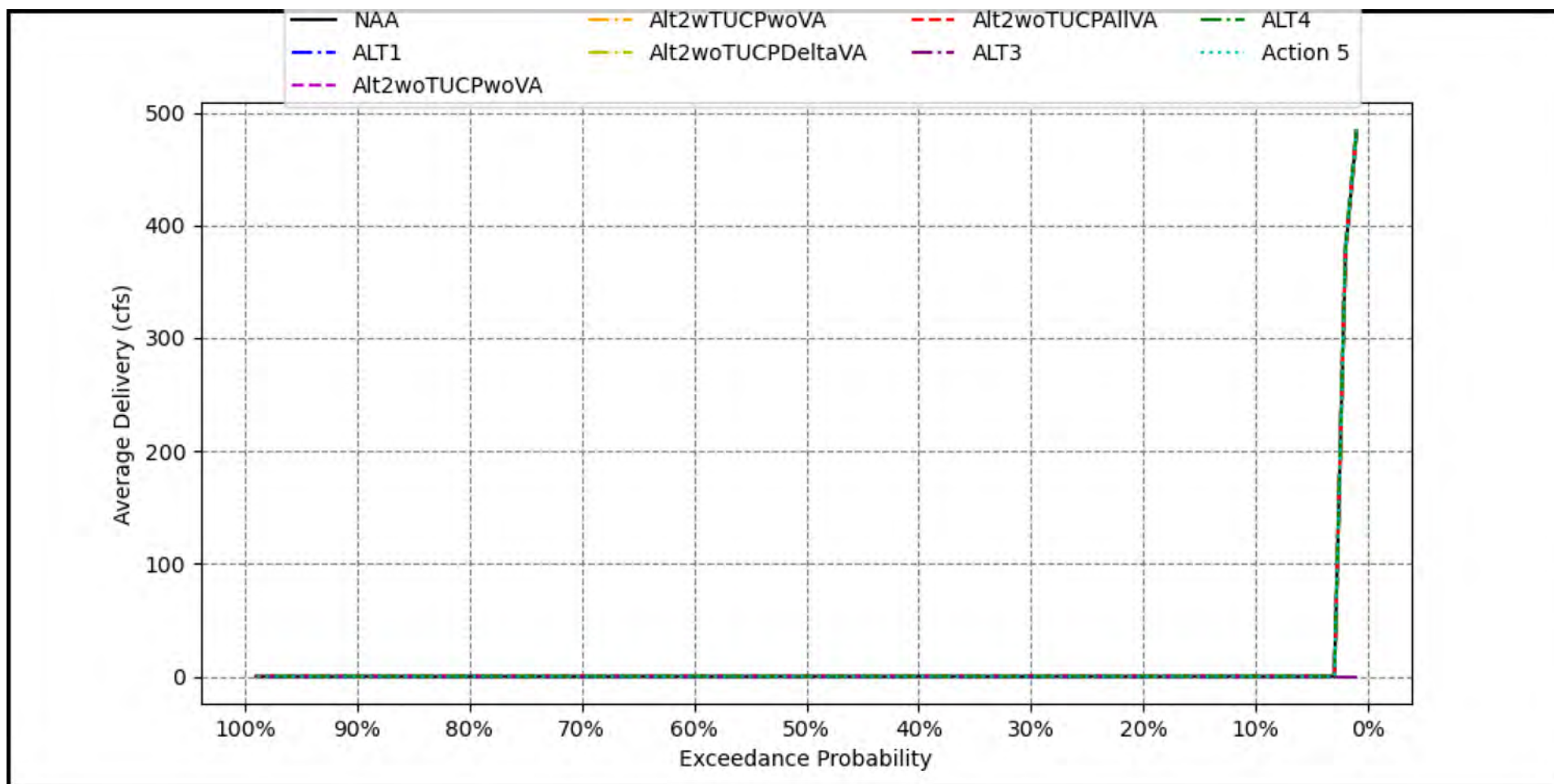
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-12-6 CVP Banks PP Exports, March Delivery



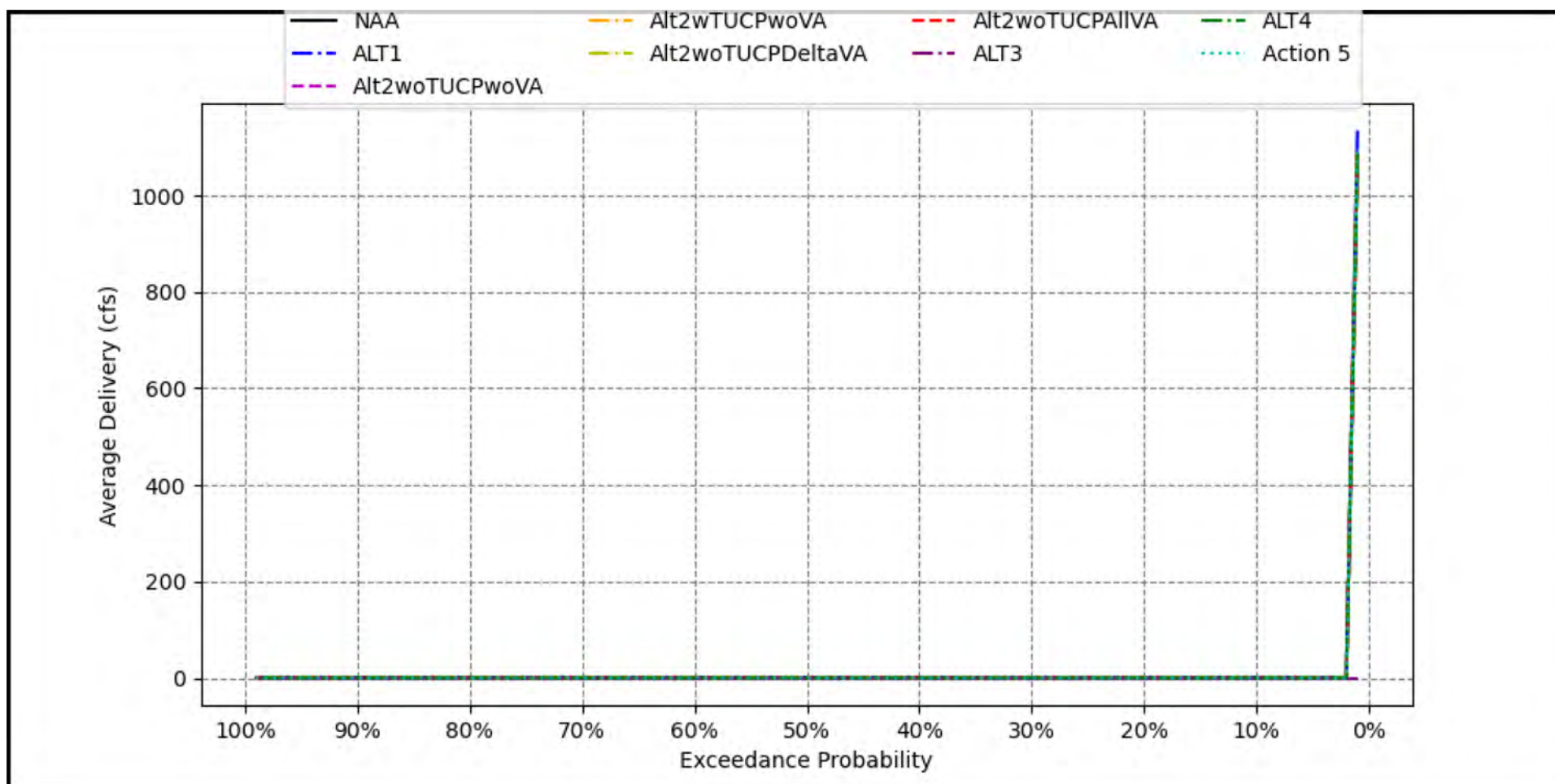
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-12-7 CVP Banks PP Exports, April Delivery



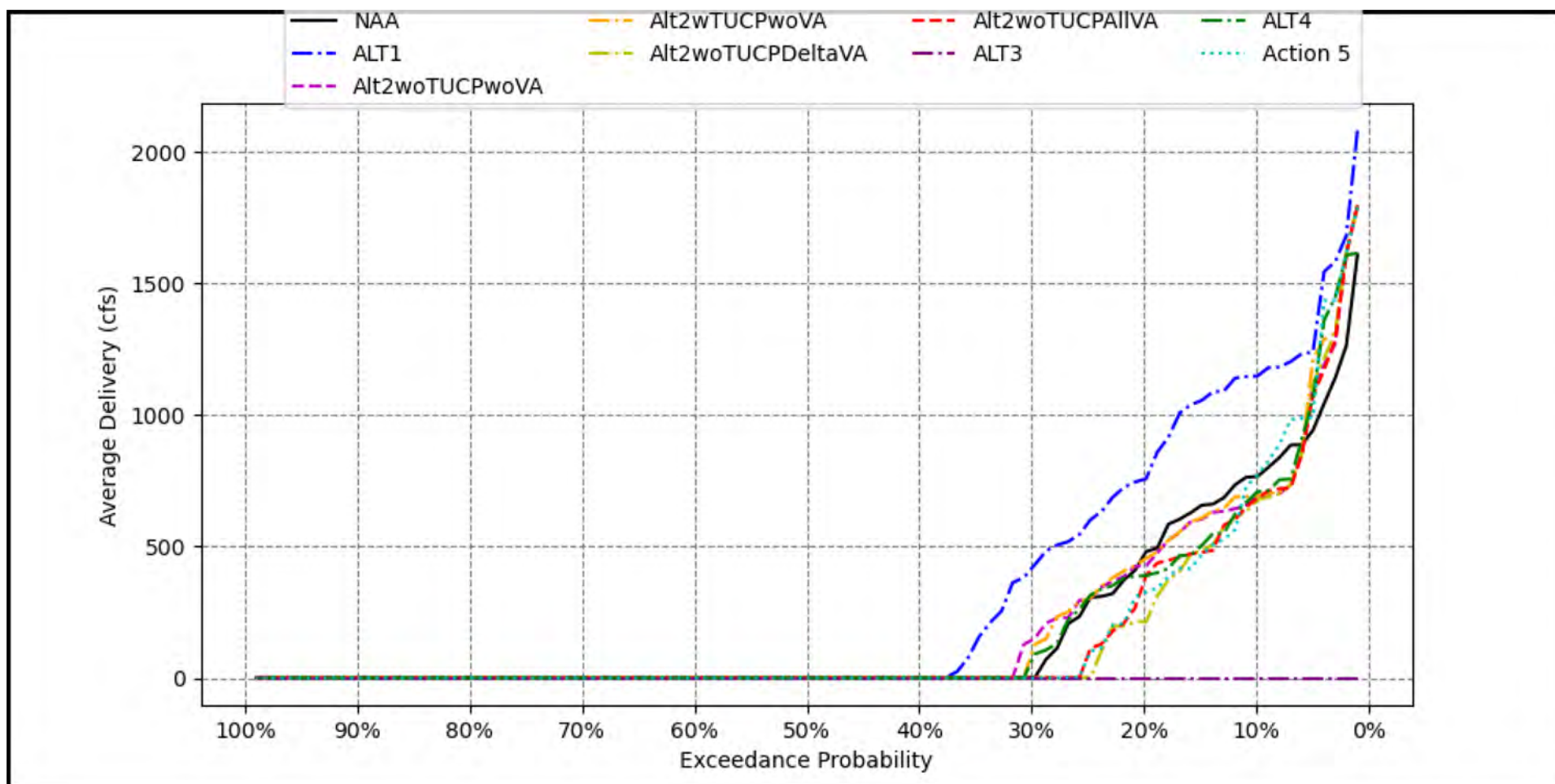
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-12-8 CVP Banks PP Exports, May Delivery



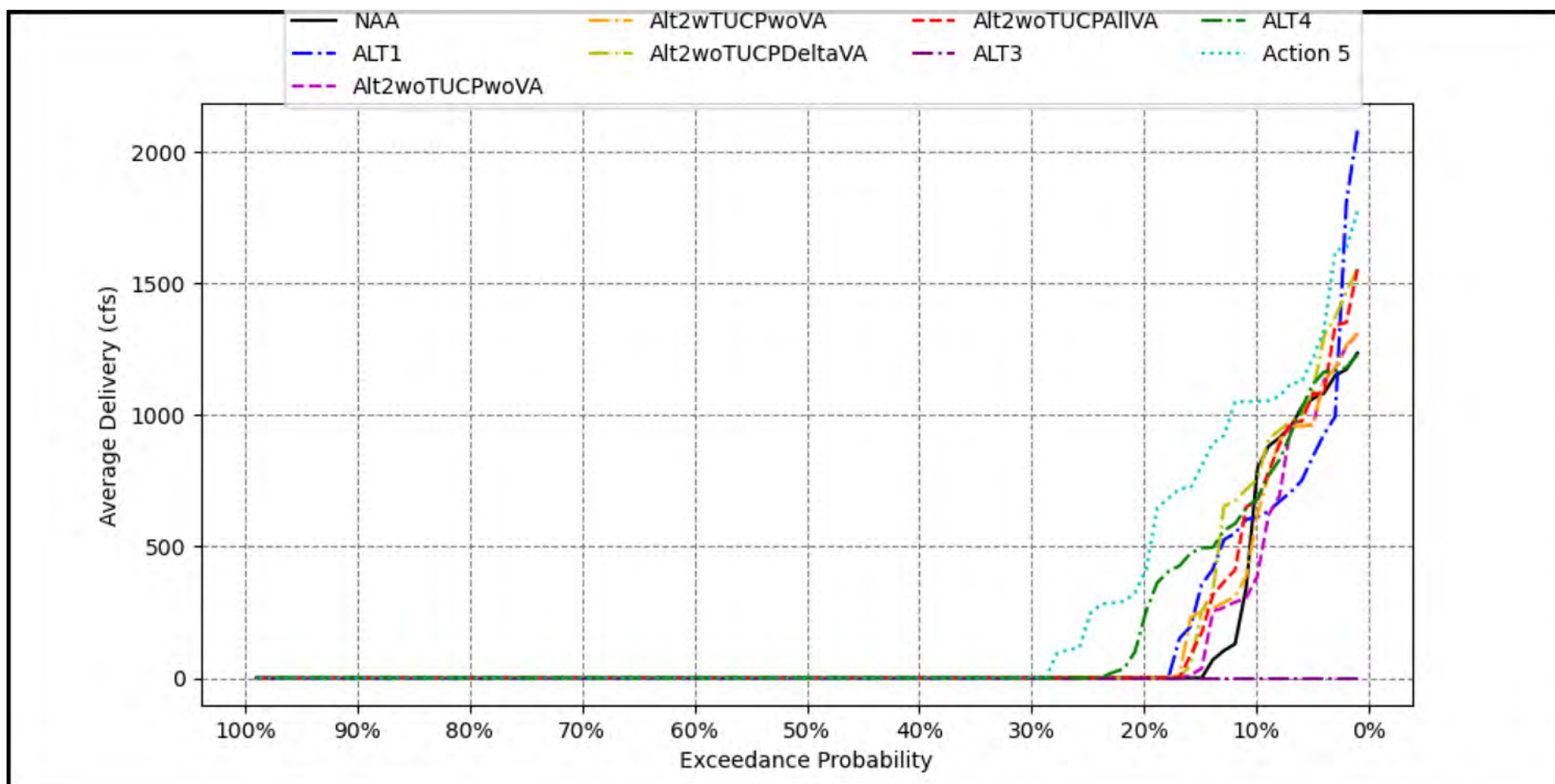
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-12-9 CVP Banks PP Exports, June Delivery



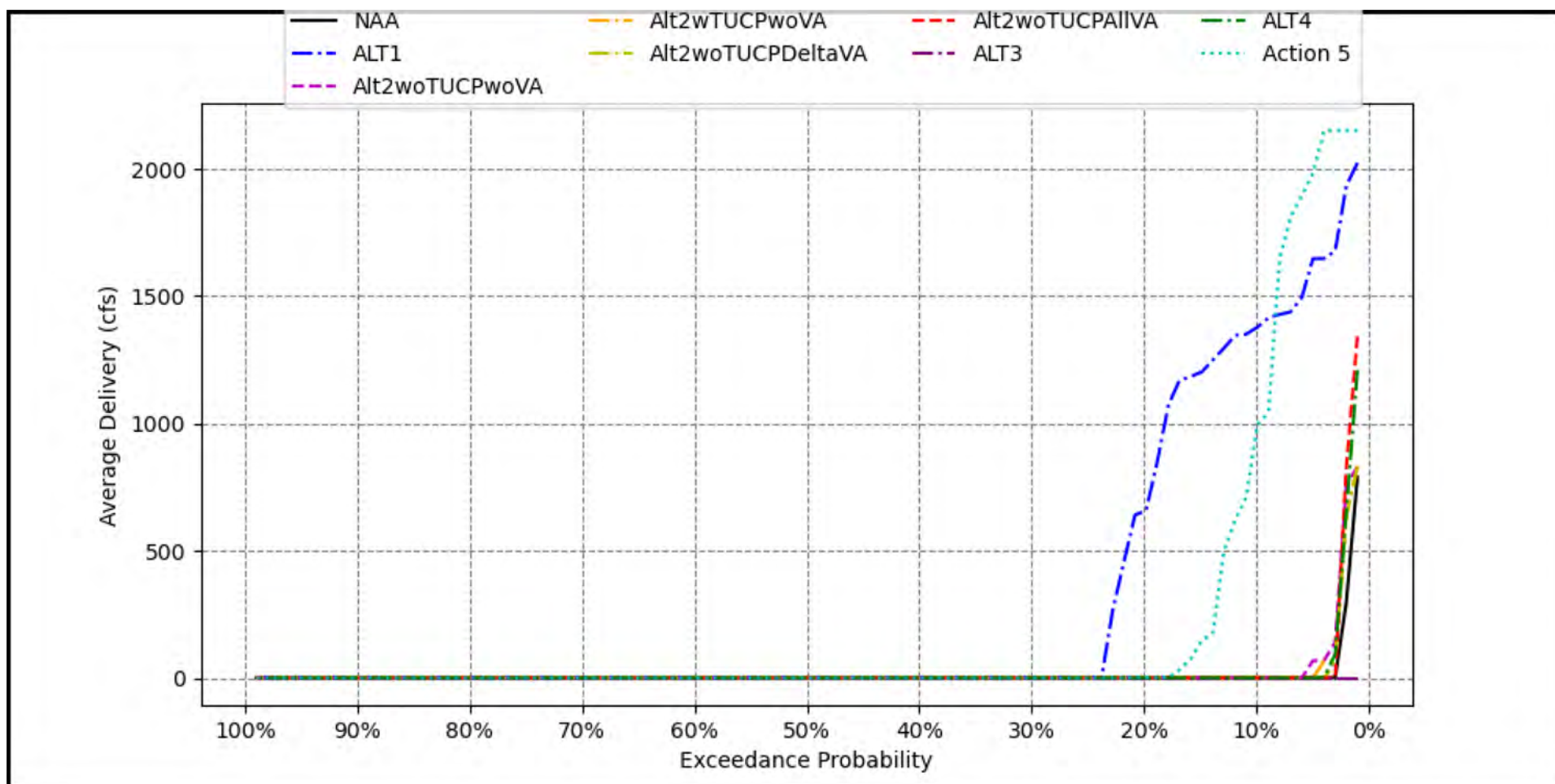
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-12-10 CVP Banks PP Exports, July Delivery



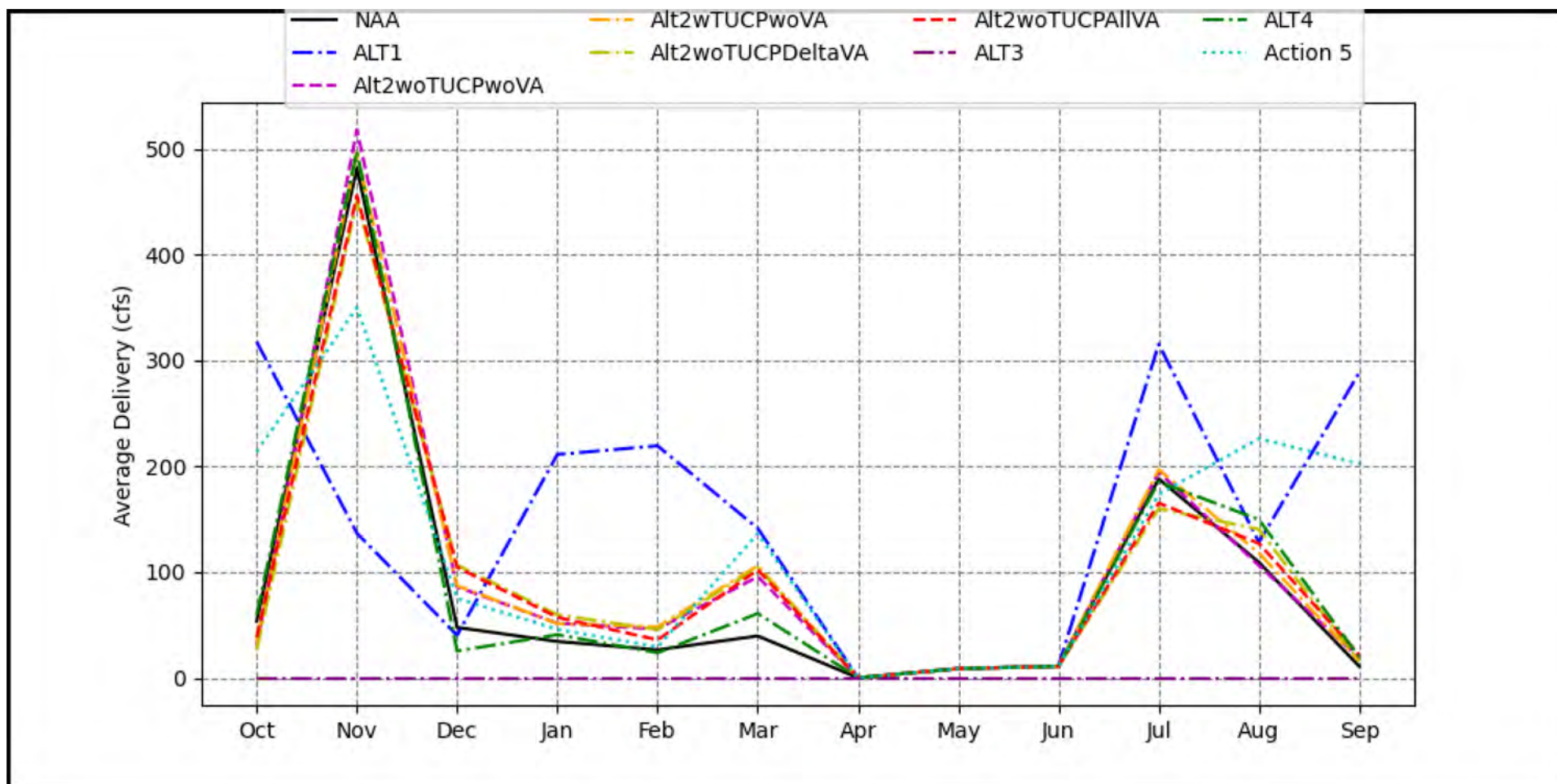
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-12-11 CVP Banks PP Exports, August Delivery



*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-12-12 CVP Banks PP Exports, September Delivery

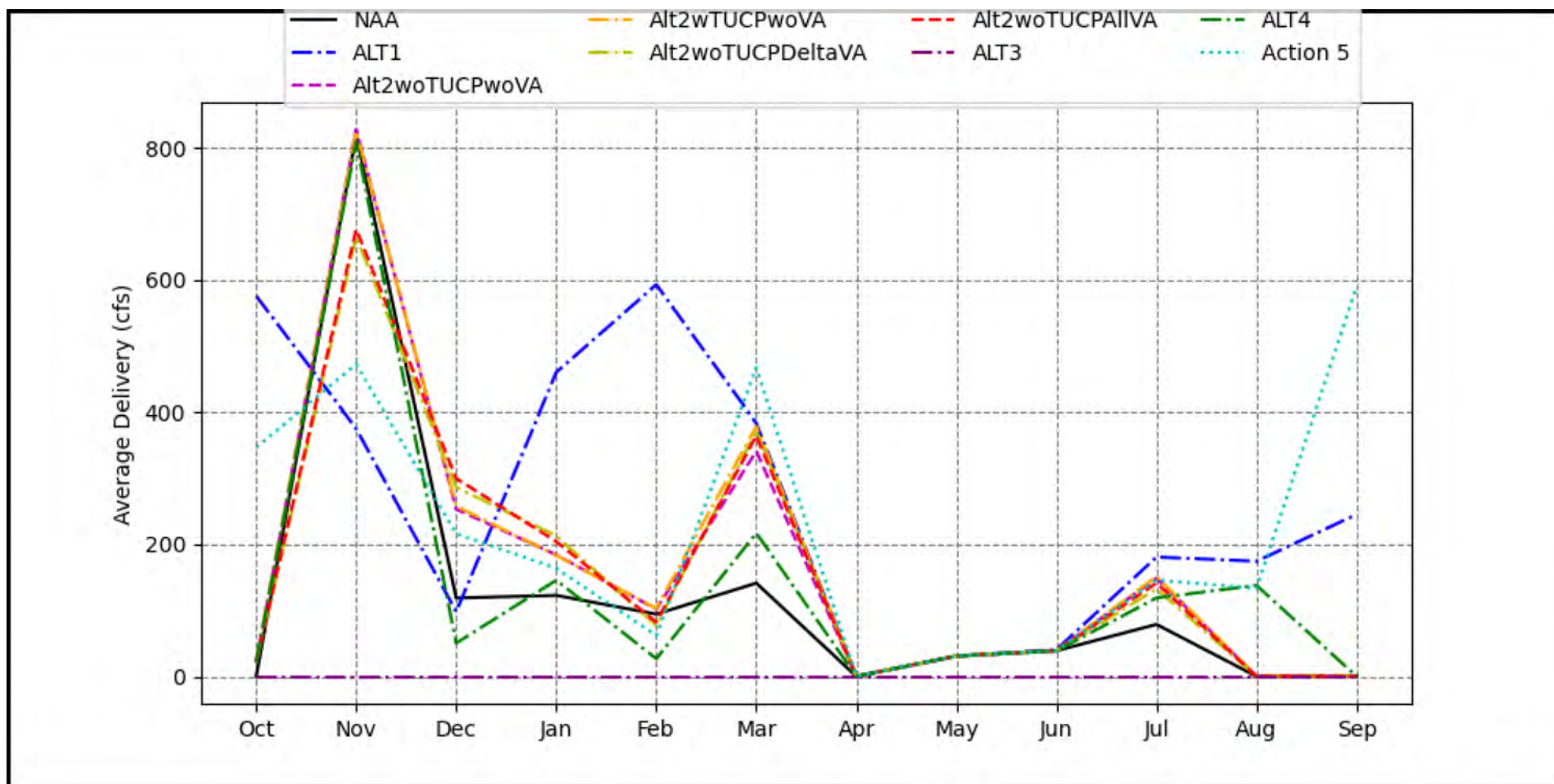


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-12-13 CVP Banks PP Exports, Long Term Average Delivery (cfs)

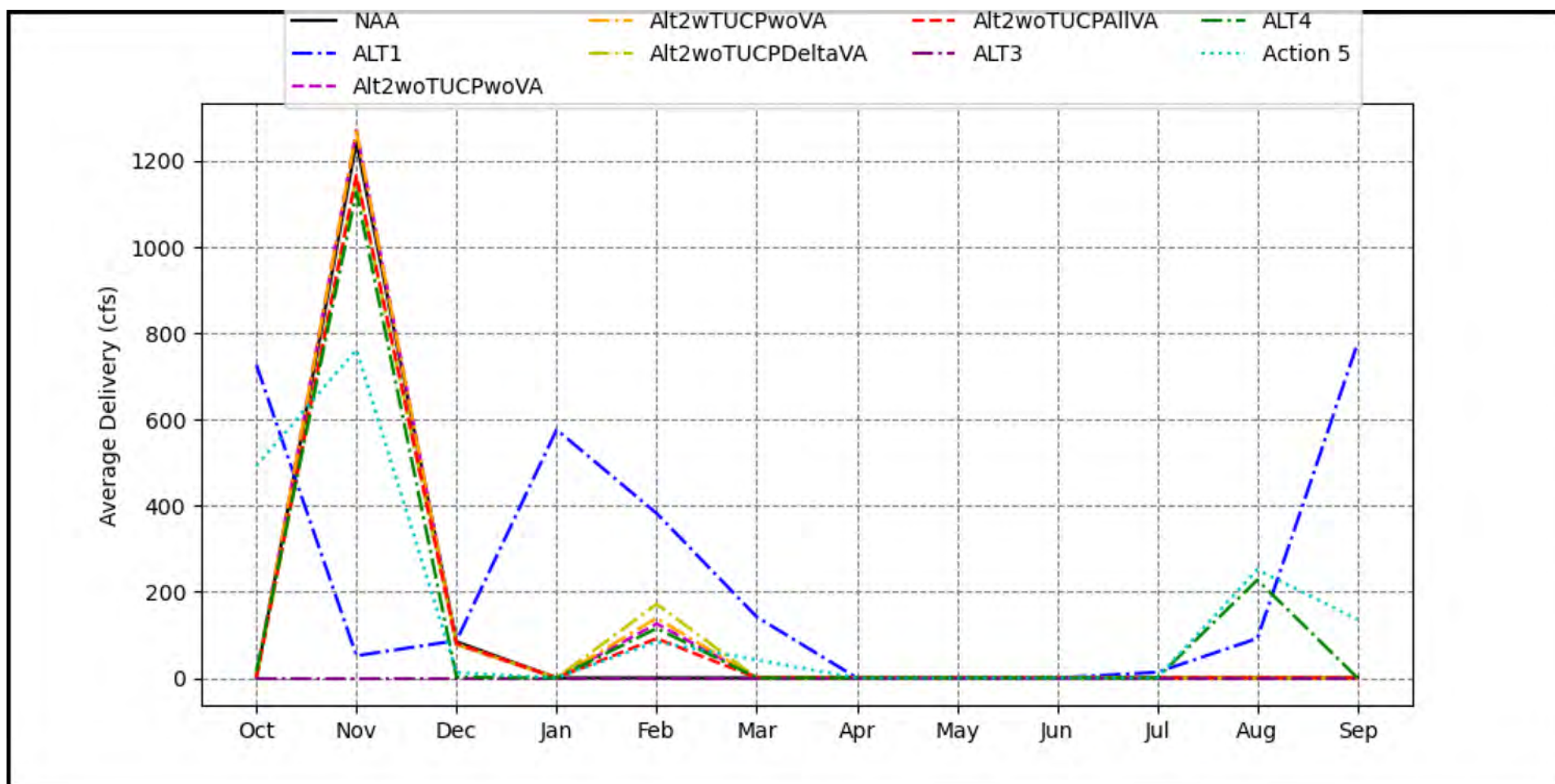


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-12-14 CVP Banks PP Exports, Wet Year Average Delivery (cfs)

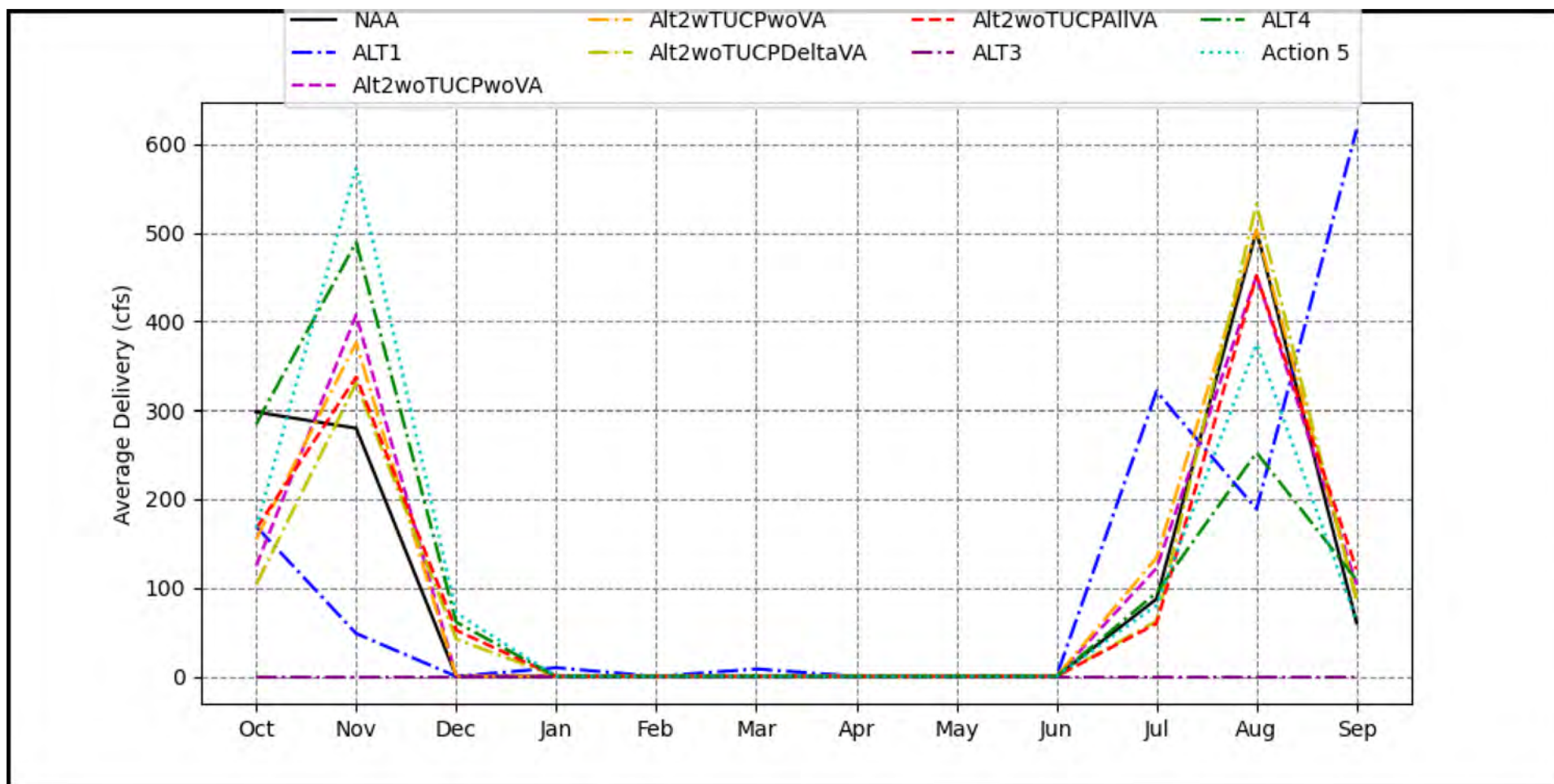


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-12-15 CVP Banks PP Exports, Above Normal Year Average Delivery (cfs)

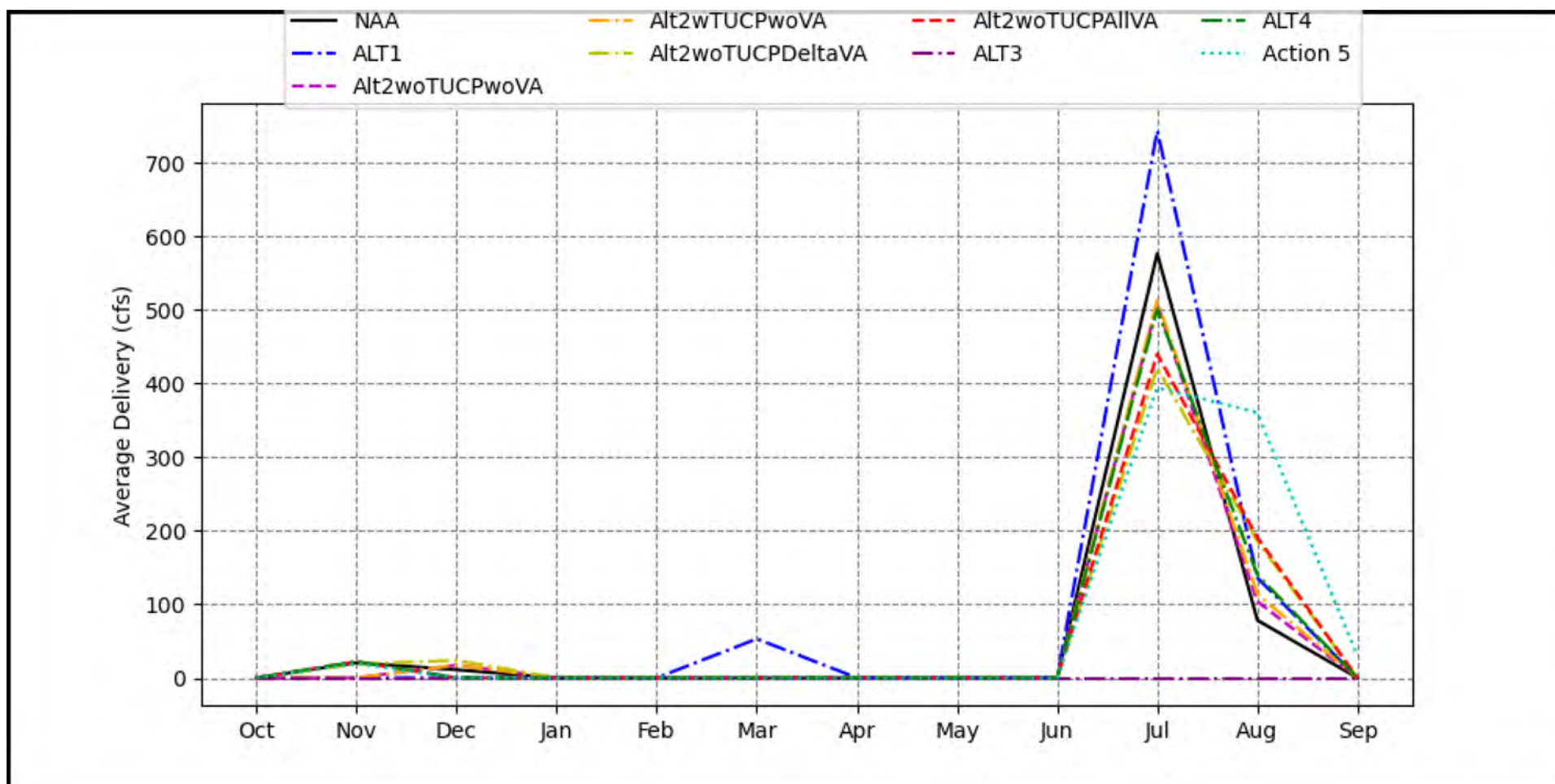


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-12-16 CVP Banks PP Exports, Below Normal Year Average Delivery (cfs)

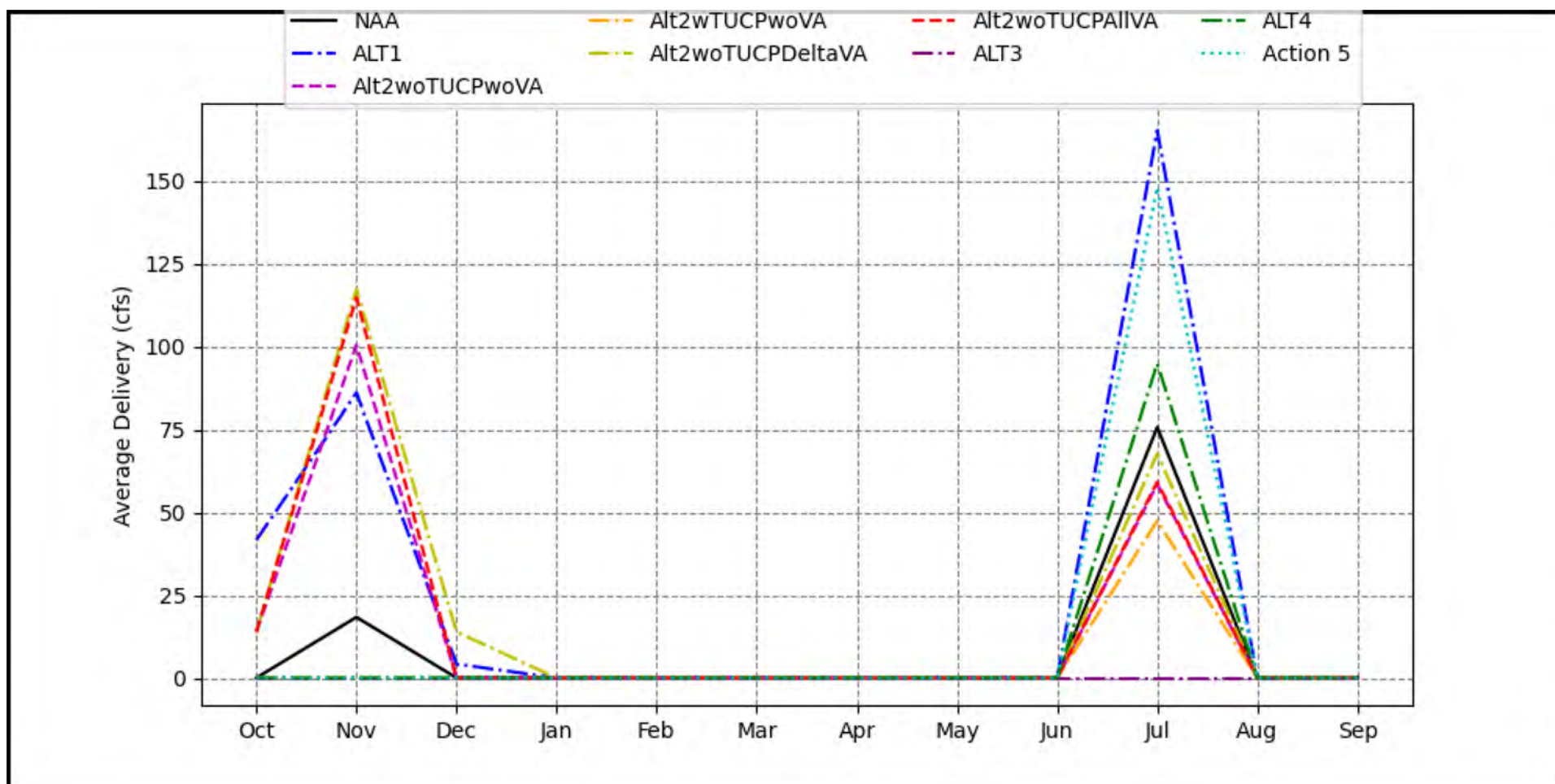


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-12-17 CVP Banks PP Exports, Dry Year Average Delivery (cfs)



*As defined by the 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 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-12-18 CVP Banks PP Exports, Critical Year Average Delivery (cfs)

F.2.3-13 SWP Banks PP Exports

Table F.2.3-13-1 a. SWP Banks PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,944	6,680	5,920	6,389	7,581	5,980	5,188	3,340	4,217	7,180	7,180	5,836
20% Exceedance	3,695	6,175	4,966	4,279	5,580	4,349	2,460	1,232	2,876	7,007	6,855	5,177
30% Exceedance	3,199	5,398	4,496	3,629	4,090	3,762	1,104	843	2,394	6,884	6,855	3,215
40% Exceedance	2,886	4,791	3,654	3,036	3,071	3,089	990	733	2,127	6,843	6,418	1,619
50% Exceedance	2,452	3,679	3,214	2,857	2,792	2,577	898	667	2,083	6,688	5,129	1,378
60% Exceedance	1,627	3,126	2,942	2,665	2,618	2,318	835	600	2,041	6,311	2,609	941
70% Exceedance	1,182	2,172	2,766	2,499	2,530	2,163	787	600	1,988	2,525	300	559
80% Exceedance	785	1,203	2,635	2,341	2,344	1,974	603	600	1,706	300	300	300
90% Exceedance	310	729	1,721	2,122	2,011	1,640	600	594	300	300	300	300
Full Simulation Period Average^a	2,521	3,736	3,718	3,493	3,846	3,193	1,653	1,267	2,283	4,813	3,962	2,261
Wet Years (27.7%)	3,586	5,503	4,427	4,955	6,075	5,059	3,719	2,551	3,286	6,919	6,720	4,146
Above Normal Years (13.9%)	3,004	4,387	3,815	3,443	4,129	3,373	860	984	2,391	6,911	6,714	2,174
Below Normal Years (17.8%)	2,664	3,701	3,570	2,773	3,151	2,878	1,121	976	2,523	6,126	4,532	2,268
Dry Years (23.8%)	1,931	2,992	3,050	3,034	2,660	2,184	791	646	2,085	3,143	1,154	1,316
Critical Years (15.8%)	862	1,087	3,541	2,478	2,259	1,643	624	528	461	318	300	444

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-1 b. SWP Banks PP Exports, ALT1, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6,680	6,680	7,524	8,429	8,862	7,520	5,383	5,622	5,092	7,180	7,180	7,180
20% Exceedance	5,496	6,589	7,166	7,952	7,940	7,022	3,652	3,229	4,015	7,180	7,180	7,180
30% Exceedance	4,861	5,671	7,058	7,623	7,478	6,614	2,831	2,440	3,650	7,180	7,180	4,971
40% Exceedance	4,361	4,583	6,967	7,432	7,383	6,501	2,340	2,174	3,368	7,142	6,957	2,983
50% Exceedance	3,042	3,887	6,915	7,294	6,951	5,162	1,925	1,870	3,023	6,840	5,174	2,417
60% Exceedance	2,283	3,110	5,572	7,195	5,640	4,186	1,455	1,505	2,641	5,248	3,185	1,577
70% Exceedance	1,501	2,526	4,444	5,574	4,201	3,562	1,338	1,368	2,035	3,345	300	1,157
80% Exceedance	1,020	1,352	3,512	4,668	2,995	2,623	1,264	1,129	1,569	300	300	866
90% Exceedance	613	924	2,141	3,939	2,148	1,589	956	837	300	300	300	468
Full Simulation Period Average^a	3,328	3,870	5,583	6,533	5,891	4,893	2,459	2,372	2,938	4,811	4,130	3,257
Wet Years (27.7%)	5,330	5,316	6,120	7,966	7,636	6,329	4,385	4,280	4,253	6,859	6,783	5,946
Above Normal Years (13.9%)	4,451	4,637	5,946	7,275	6,894	6,223	2,647	2,450	3,565	7,109	7,038	4,770
Below Normal Years (17.8%)	2,915	4,034	6,035	6,903	5,465	5,678	2,219	2,037	3,341	6,105	4,805	2,961
Dry Years (23.8%)	2,317	3,266	5,103	5,691	5,242	3,871	1,392	1,414	2,242	3,115	1,387	1,279
Critical Years (15.8%)	702	1,286	4,324	4,224	3,413	1,869	795	777	678	307	300	529

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-1 c. SWP Banks PP Exports, ALT1 Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,736	0	1,604	2,040	1,282	1,540	195	2,282	875	0	0	1,344
20% Exceedance	1,801	414	2,200	3,674	2,360	2,672	1,192	1,997	1,139	173	325	2,003
30% Exceedance	1,662	272	2,562	3,994	3,388	2,852	1,727	1,596	1,256	296	325	1,756
40% Exceedance	1,475	-209	3,313	4,396	4,312	3,412	1,350	1,442	1,241	300	539	1,364
50% Exceedance	590	209	3,701	4,438	4,159	2,585	1,026	1,203	940	152	44	1,040
60% Exceedance	657	-15	2,630	4,530	3,022	1,868	620	905	600	-1,064	576	636
70% Exceedance	319	354	1,678	3,075	1,671	1,399	551	768	47	820	0	598
80% Exceedance	235	148	878	2,327	651	649	661	529	-138	0	0	566
90% Exceedance	303	196	420	1,816	137	-52	356	243	0	0	0	168
Full Simulation Period Average^a	807	134	1,865	3,040	2,045	1,700	806	1,104	654	-2	168	997
Wet Years (27.7%)	1,743	-187	1,692	3,011	1,561	1,270	666	1,728	967	-60	63	1,800
Above Normal Years (13.9%)	1,447	251	2,131	3,832	2,764	2,850	1,788	1,465	1,173	198	324	2,595
Below Normal Years (17.8%)	251	333	2,466	4,130	2,314	2,800	1,098	1,061	817	-21	274	693
Dry Years (23.8%)	387	273	2,053	2,657	2,583	1,687	601	768	157	-29	233	-38
Critical Years (15.8%)	-160	198	783	1,745	1,154	226	171	249	217	-11	0	84

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-2 a. SWP Banks PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,944	6,680	5,920	6,389	7,581	5,980	5,188	3,340	4,217	7,180	7,180	5,836
20% Exceedance	3,695	6,175	4,966	4,279	5,580	4,349	2,460	1,232	2,876	7,007	6,855	5,177
30% Exceedance	3,199	5,398	4,496	3,629	4,090	3,762	1,104	843	2,394	6,884	6,855	3,215
40% Exceedance	2,886	4,791	3,654	3,036	3,071	3,089	990	733	2,127	6,843	6,418	1,619
50% Exceedance	2,452	3,679	3,214	2,857	2,792	2,577	898	667	2,083	6,688	5,129	1,378
60% Exceedance	1,627	3,126	2,942	2,665	2,618	2,318	835	600	2,041	6,311	2,609	941
70% Exceedance	1,182	2,172	2,766	2,499	2,530	2,163	787	600	1,988	2,525	300	559
80% Exceedance	785	1,203	2,635	2,341	2,344	1,974	603	600	1,706	300	300	300
90% Exceedance	310	729	1,721	2,122	2,011	1,640	600	594	300	300	300	300
Full Simulation Period Average^a	2,521	3,736	3,718	3,493	3,846	3,193	1,653	1,267	2,283	4,813	3,962	2,261
Wet Years (27.7%)	3,586	5,503	4,427	4,955	6,075	5,059	3,719	2,551	3,286	6,919	6,720	4,146
Above Normal Years (13.9%)	3,004	4,387	3,815	3,443	4,129	3,373	860	984	2,391	6,911	6,714	2,174
Below Normal Years (17.8%)	2,664	3,701	3,570	2,773	3,151	2,878	1,121	976	2,523	6,126	4,532	2,268
Dry Years (23.8%)	1,931	2,992	3,050	3,034	2,660	2,184	791	646	2,085	3,143	1,154	1,316
Critical Years (15.8%)	862	1,087	3,541	2,478	2,259	1,643	624	528	461	318	300	444

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-2 b. SWP Banks PP Exports, Alt2woTUCPwoVA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,760	6,680	5,793	5,367	7,664	6,302	5,296	6,106	4,426	7,180	7,180	6,899
20% Exceedance	3,694	6,184	4,929	3,899	5,459	4,650	3,150	3,198	2,974	7,180	7,180	4,574
30% Exceedance	3,207	5,352	4,232	3,073	3,796	3,466	2,715	2,358	2,466	7,107	7,180	3,149
40% Exceedance	2,857	4,721	3,582	2,859	2,932	2,845	2,120	1,975	2,178	6,891	6,203	1,696
50% Exceedance	2,355	3,554	3,114	2,777	2,625	2,433	1,691	1,675	1,966	6,759	5,532	1,383
60% Exceedance	1,517	3,148	2,905	2,543	2,483	2,212	1,329	1,326	1,850	5,993	2,311	1,127
70% Exceedance	970	2,164	2,744	2,333	2,368	2,097	1,192	1,173	1,793	3,199	300	798
80% Exceedance	543	1,110	2,593	2,188	2,210	1,943	1,098	990	1,577	300	300	374
90% Exceedance	300	300	1,630	2,031	2,007	1,422	850	462	300	300	300	318
Full Simulation Period Average^a	2,428	3,688	3,670	3,275	3,776	3,157	2,300	2,260	2,252	4,819	4,009	2,398
Wet Years (27.7%)	3,578	5,473	4,370	4,826	6,165	5,383	4,336	4,291	3,426	6,931	6,847	4,237
Above Normal Years (13.9%)	2,826	4,391	3,815	3,339	4,129	3,194	2,377	2,204	2,259	7,057	6,827	2,674
Below Normal Years (17.8%)	2,595	3,641	3,524	2,699	3,044	2,716	1,916	1,940	2,385	6,320	4,497	2,446
Dry Years (23.8%)	1,891	3,013	3,099	2,657	2,521	2,085	1,243	1,215	1,956	2,936	1,161	1,303
Critical Years (15.8%)	572	861	3,303	2,079	1,996	1,330	690	683	486	300	300	526

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-2 c. SWP Banks PP Exports, Alt2woTUCPwoVA Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-184	0	-128	-1,022	83	322	108	2,766	209	0	0	1,063
20% Exceedance	-1	10	-37	-380	-121	301	690	1,966	99	173	325	-602
30% Exceedance	8	-46	-264	-556	-294	-296	1,611	1,514	72	223	325	-66
40% Exceedance	-29	-70	-72	-177	-139	-244	1,130	1,242	51	49	-215	77
50% Exceedance	-97	-124	-100	-80	-168	-144	793	1,008	-117	71	403	5
60% Exceedance	-109	23	-37	-122	-135	-106	494	726	-192	-318	-298	185
70% Exceedance	-211	-8	-22	-166	-162	-66	405	573	-196	674	0	239
80% Exceedance	-242	-93	-41	-153	-135	-31	495	390	-130	0	0	74
90% Exceedance	-10	-429	-91	-91	-3	-219	250	-131	0	0	0	18
Full Simulation Period Average^a	-93	-48	-48	-219	-70	-37	647	993	-31	6	47	137
Wet Years (27.7%)	-9	-30	-57	-129	89	324	617	1,739	140	12	127	91
Above Normal Years (13.9%)	-178	4	-1	-104	0	-178	1,517	1,220	-132	145	113	499
Below Normal Years (17.8%)	-68	-61	-46	-74	-107	-161	795	963	-138	194	-35	178
Dry Years (23.8%)	-40	20	49	-377	-139	-98	452	569	-129	-207	7	-14
Critical Years (15.8%)	-289	-226	-239	-400	-263	-313	66	154	25	-18	0	81

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-3 a. SWP Banks PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,944	6,680	5,920	6,389	7,581	5,980	5,188	3,340	4,217	7,180	7,180	5,836
20% Exceedance	3,695	6,175	4,966	4,279	5,580	4,349	2,460	1,232	2,876	7,007	6,855	5,177
30% Exceedance	3,199	5,398	4,496	3,629	4,090	3,762	1,104	843	2,394	6,884	6,855	3,215
40% Exceedance	2,886	4,791	3,654	3,036	3,071	3,089	990	733	2,127	6,843	6,418	1,619
50% Exceedance	2,452	3,679	3,214	2,857	2,792	2,577	898	667	2,083	6,688	5,129	1,378
60% Exceedance	1,627	3,126	2,942	2,665	2,618	2,318	835	600	2,041	6,311	2,609	941
70% Exceedance	1,182	2,172	2,766	2,499	2,530	2,163	787	600	1,988	2,525	300	559
80% Exceedance	785	1,203	2,635	2,341	2,344	1,974	603	600	1,706	300	300	300
90% Exceedance	310	729	1,721	2,122	2,011	1,640	600	594	300	300	300	300
Full Simulation Period Average^a	2,521	3,736	3,718	3,493	3,846	3,193	1,653	1,267	2,283	4,813	3,962	2,261
Wet Years (27.7%)	3,586	5,503	4,427	4,955	6,075	5,059	3,719	2,551	3,286	6,919	6,720	4,146
Above Normal Years (13.9%)	3,004	4,387	3,815	3,443	4,129	3,373	860	984	2,391	6,911	6,714	2,174
Below Normal Years (17.8%)	2,664	3,701	3,570	2,773	3,151	2,878	1,121	976	2,523	6,126	4,532	2,268
Dry Years (23.8%)	1,931	2,992	3,050	3,034	2,660	2,184	791	646	2,085	3,143	1,154	1,316
Critical Years (15.8%)	862	1,087	3,541	2,478	2,259	1,643	624	528	461	318	300	444

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-3 b. SWP Banks PP Exports, Alt2wTUCPwoVA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,833	6,680	5,521	6,060	7,641	6,298	5,296	6,142	4,426	7,180	7,180	6,900
20% Exceedance	3,695	6,184	4,871	4,012	5,522	4,842	3,150	3,198	2,979	7,180	7,180	4,548
30% Exceedance	3,209	5,354	4,099	3,148	4,113	3,611	2,758	2,358	2,466	7,142	7,180	3,150
40% Exceedance	2,856	4,721	3,669	2,900	3,139	2,990	2,155	2,000	2,178	6,916	6,123	1,751
50% Exceedance	2,358	3,679	3,135	2,814	2,643	2,479	1,717	1,675	1,966	6,759	5,647	1,391
60% Exceedance	1,608	3,147	2,918	2,541	2,504	2,245	1,335	1,326	1,850	6,332	3,001	1,108
70% Exceedance	1,079	2,166	2,760	2,332	2,415	2,130	1,192	1,184	1,793	3,521	300	804
80% Exceedance	575	1,117	2,619	2,188	2,274	1,971	1,098	990	1,462	300	300	427
90% Exceedance	300	479	1,782	2,042	2,008	1,614	885	559	300	300	300	313
Full Simulation Period Average^a	2,455	3,719	3,681	3,329	3,837	3,226	2,326	2,264	2,245	4,867	4,071	2,410
Wet Years (27.7%)	3,582	5,474	4,372	4,830	6,165	5,368	4,341	4,300	3,427	6,928	6,844	4,246
Above Normal Years (13.9%)	2,831	4,392	3,819	3,343	4,174	3,218	2,384	2,205	2,252	7,054	6,847	2,679
Below Normal Years (17.8%)	2,612	3,673	3,547	2,700	3,098	2,852	1,987	1,915	2,386	6,485	4,789	2,540
Dry Years (23.8%)	1,886	3,019	3,136	2,682	2,523	2,086	1,243	1,210	1,949	3,015	1,194	1,304
Critical Years (15.8%)	728	1,016	3,287	2,367	2,270	1,614	754	725	456	303	300	477

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-3 c. SWP Banks PP Exports, Alt2wTUCPwoVA Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-111	0	-399	-329	60	318	108	2,802	209	0	0	1,064
20% Exceedance	-1	10	-95	-267	-58	493	690	1,966	103	173	325	-629
30% Exceedance	10	-44	-397	-481	23	-151	1,654	1,515	72	258	325	-65
40% Exceedance	-30	-70	15	-136	69	-98	1,165	1,267	51	73	-295	132
50% Exceedance	-94	0	-79	-43	-149	-99	819	1,008	-117	71	518	14
60% Exceedance	-19	21	-25	-124	-114	-73	500	726	-192	20	392	166
70% Exceedance	-102	-6	-6	-167	-114	-33	405	584	-196	996	0	245
80% Exceedance	-210	-86	-16	-153	-70	-3	494	390	-244	0	0	127
90% Exceedance	-10	-250	61	-81	-3	-26	285	-35	0	0	0	13
Full Simulation Period Average^a	-65	-17	-36	-164	-9	32	673	996	-38	54	109	150
Wet Years (27.7%)	-4	-29	-55	-125	90	309	623	1,749	141	9	124	100
Above Normal Years (13.9%)	-173	6	3	-100	45	-155	1,525	1,220	-139	142	133	505
Below Normal Years (17.8%)	-51	-28	-23	-73	-53	-25	866	939	-138	359	257	272
Dry Years (23.8%)	-45	27	87	-352	-136	-98	452	564	-136	-129	40	-13
Critical Years (15.8%)	-133	-72	-254	-111	11	-29	130	196	-5	-15	0	33

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-4 a. SWP Banks PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,944	6,680	5,920	6,389	7,581	5,980	5,188	3,340	4,217	7,180	7,180	5,836
20% Exceedance	3,695	6,175	4,966	4,279	5,580	4,349	2,460	1,232	2,876	7,007	6,855	5,177
30% Exceedance	3,199	5,398	4,496	3,629	4,090	3,762	1,104	843	2,394	6,884	6,855	3,215
40% Exceedance	2,886	4,791	3,654	3,036	3,071	3,089	990	733	2,127	6,843	6,418	1,619
50% Exceedance	2,452	3,679	3,214	2,857	2,792	2,577	898	667	2,083	6,688	5,129	1,378
60% Exceedance	1,627	3,126	2,942	2,665	2,618	2,318	835	600	2,041	6,311	2,609	941
70% Exceedance	1,182	2,172	2,766	2,499	2,530	2,163	787	600	1,988	2,525	300	559
80% Exceedance	785	1,203	2,635	2,341	2,344	1,974	603	600	1,706	300	300	300
90% Exceedance	310	729	1,721	2,122	2,011	1,640	600	594	300	300	300	300
Full Simulation Period Average^a	2,521	3,736	3,718	3,493	3,846	3,193	1,653	1,267	2,283	4,813	3,962	2,261
Wet Years (27.7%)	3,586	5,503	4,427	4,955	6,075	5,059	3,719	2,551	3,286	6,919	6,720	4,146
Above Normal Years (13.9%)	3,004	4,387	3,815	3,443	4,129	3,373	860	984	2,391	6,911	6,714	2,174
Below Normal Years (17.8%)	2,664	3,701	3,570	2,773	3,151	2,878	1,121	976	2,523	6,126	4,532	2,268
Dry Years (23.8%)	1,931	2,992	3,050	3,034	2,660	2,184	791	646	2,085	3,143	1,154	1,316
Critical Years (15.8%)	862	1,087	3,541	2,478	2,259	1,643	624	528	461	318	300	444

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-4 b. SWP Banks PP Exports, Alt2woTUCPDeltaVA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	5,184	6,680	5,744	5,366	7,886	6,320	4,895	6,148	4,429	7,180	7,180	6,926
20% Exceedance	3,705	6,131	4,863	4,000	5,332	4,341	2,794	3,067	2,975	7,180	7,180	4,768
30% Exceedance	3,321	5,608	4,101	3,144	3,796	3,205	2,004	2,351	2,421	7,180	7,180	3,010
40% Exceedance	2,861	5,135	3,521	2,863	2,933	2,498	1,440	1,926	2,177	6,968	6,171	1,856
50% Exceedance	2,423	4,257	3,134	2,795	2,623	2,203	1,083	1,477	1,950	6,811	5,394	1,496
60% Exceedance	1,565	3,338	2,886	2,553	2,484	2,049	817	1,248	1,850	6,185	3,436	1,178
70% Exceedance	1,077	2,352	2,730	2,339	2,364	1,455	600	1,108	1,800	3,440	1,543	845
80% Exceedance	462	1,134	2,576	2,188	2,196	1,252	600	755	1,473	1,422	1,041	564
90% Exceedance	300	300	1,497	2,031	1,999	952	600	587	300	872	321	369
Full Simulation Period Average^a	2,466	3,830	3,648	3,274	3,794	2,846	1,831	2,188	2,238	5,077	4,332	2,475
Wet Years (27.7%)	3,572	5,808	4,285	4,791	6,197	5,213	3,978	4,304	3,431	6,955	6,846	4,380
Above Normal Years (13.9%)	2,780	4,734	3,789	3,339	4,087	2,729	1,275	1,929	2,207	7,041	6,874	3,029
Below Normal Years (17.8%)	2,831	3,800	3,546	2,697	3,034	2,092	1,297	1,944	2,481	6,361	5,166	2,374
Dry Years (23.8%)	1,897	2,948	3,070	2,734	2,511	1,721	830	1,055	1,820	3,518	1,778	1,267
Critical Years (15.8%)	590	771	3,365	2,020	2,109	1,341	665	683	532	963	604	587

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-4 c. SWP Banks PP Exports, Alt2woTUCPDeltaVA Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	240	0	-177	-1,023	305	340	-293	2,808	212	0	0	1,091
20% Exceedance	10	-43	-103	-279	-248	-9	335	1,835	100	173	325	-409
30% Exceedance	122	209	-395	-485	-294	-557	900	1,508	27	296	325	-205
40% Exceedance	-25	344	-133	-173	-138	-591	451	1,193	50	125	-247	237
50% Exceedance	-30	578	-79	-61	-169	-375	185	810	-133	124	265	118
60% Exceedance	-62	212	-57	-112	-134	-269	-18	648	-191	-127	827	236
70% Exceedance	-105	180	-36	-160	-165	-708	-187	508	-188	915	1,243	286
80% Exceedance	-323	-69	-59	-153	-148	-721	-3	155	-233	1,122	741	264
90% Exceedance	-10	-429	-224	-91	-12	-688	0	-7	0	572	21	69
Full Simulation Period Average^a	-54	94	-69	-219	-52	-347	178	920	-45	264	370	215
Wet Years (27.7%)	-15	305	-143	-164	122	154	259	1,753	145	36	126	233
Above Normal Years (13.9%)	-224	347	-26	-104	-42	-644	415	944	-184	129	160	854
Below Normal Years (17.8%)	168	99	-24	-76	-117	-786	176	968	-42	235	634	106
Dry Years (23.8%)	-34	-44	20	-300	-149	-462	39	409	-265	375	624	-50
Critical Years (15.8%)	-271	-316	-176	-458	-150	-301	40	155	70	645	304	142

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-5 a. SWP Banks PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,944	6,680	5,920	6,389	7,581	5,980	5,188	3,340	4,217	7,180	7,180	5,836
20% Exceedance	3,695	6,175	4,966	4,279	5,580	4,349	2,460	1,232	2,876	7,007	6,855	5,177
30% Exceedance	3,199	5,398	4,496	3,629	4,090	3,762	1,104	843	2,394	6,884	6,855	3,215
40% Exceedance	2,886	4,791	3,654	3,036	3,071	3,089	990	733	2,127	6,843	6,418	1,619
50% Exceedance	2,452	3,679	3,214	2,857	2,792	2,577	898	667	2,083	6,688	5,129	1,378
60% Exceedance	1,627	3,126	2,942	2,665	2,618	2,318	835	600	2,041	6,311	2,609	941
70% Exceedance	1,182	2,172	2,766	2,499	2,530	2,163	787	600	1,988	2,525	300	559
80% Exceedance	785	1,203	2,635	2,341	2,344	1,974	603	600	1,706	300	300	300
90% Exceedance	310	729	1,721	2,122	2,011	1,640	600	594	300	300	300	300
Full Simulation Period Average^a	2,521	3,736	3,718	3,493	3,846	3,193	1,653	1,267	2,283	4,813	3,962	2,261
Wet Years (27.7%)	3,586	5,503	4,427	4,955	6,075	5,059	3,719	2,551	3,286	6,919	6,720	4,146
Above Normal Years (13.9%)	3,004	4,387	3,815	3,443	4,129	3,373	860	984	2,391	6,911	6,714	2,174
Below Normal Years (17.8%)	2,664	3,701	3,570	2,773	3,151	2,878	1,121	976	2,523	6,126	4,532	2,268
Dry Years (23.8%)	1,931	2,992	3,050	3,034	2,660	2,184	791	646	2,085	3,143	1,154	1,316
Critical Years (15.8%)	862	1,087	3,541	2,478	2,259	1,643	624	528	461	318	300	444

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-5 b. SWP Banks PP Exports, Alt2woTUCPALIVA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	5,269	6,680	5,466	5,366	7,895	5,684	4,895	6,148	4,427	7,180	7,180	6,912
20% Exceedance	3,793	6,167	4,843	3,998	5,328	4,338	2,753	3,151	2,977	7,180	7,180	4,732
30% Exceedance	3,364	5,607	4,066	3,102	3,797	3,082	2,004	2,347	2,376	7,180	7,180	2,888
40% Exceedance	2,953	5,170	3,520	2,856	2,946	2,537	1,411	1,930	2,177	6,942	6,249	1,836
50% Exceedance	2,394	4,326	3,098	2,784	2,609	2,205	1,082	1,498	1,956	6,778	5,434	1,477
60% Exceedance	1,692	3,336	2,909	2,546	2,491	1,913	838	1,207	1,835	6,207	3,352	1,171
70% Exceedance	976	2,298	2,731	2,336	2,365	1,455	600	1,051	1,773	2,727	1,566	811
80% Exceedance	499	1,152	2,571	2,188	2,196	1,254	600	700	1,469	1,370	1,106	559
90% Exceedance	317	300	1,595	2,041	1,997	971	600	536	300	871	335	369
Full Simulation Period Average^a	2,517	3,838	3,614	3,272	3,770	2,838	1,826	2,164	2,228	5,028	4,341	2,451
Wet Years (27.7%)	3,677	5,793	4,268	4,800	6,190	5,205	3,980	4,303	3,432	6,942	6,848	4,286
Above Normal Years (13.9%)	2,900	4,733	3,771	3,343	4,091	2,773	1,277	1,900	2,192	7,028	6,855	2,911
Below Normal Years (17.8%)	2,798	3,797	3,517	2,699	3,032	2,042	1,233	1,878	2,432	6,259	5,173	2,450
Dry Years (23.8%)	1,940	2,996	3,125	2,713	2,511	1,723	833	1,025	1,827	3,430	1,760	1,292
Critical Years (15.8%)	589	780	3,131	2,019	1,971	1,319	695	684	525	939	687	578

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-5 c. SWP Banks PP Exports, Alt2woTUCPAIIVA Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	325	0	-455	-1,023	314	-295	-292	2,807	210	0	0	1,076
20% Exceedance	98	-7	-123	-281	-252	-11	293	1,919	102	173	325	-445
30% Exceedance	165	209	-430	-527	-294	-681	899	1,504	-18	296	325	-327
40% Exceedance	68	379	-134	-180	-125	-552	421	1,197	50	100	-169	218
50% Exceedance	-58	647	-116	-73	-184	-372	184	830	-127	90	305	100
60% Exceedance	65	210	-33	-119	-127	-404	3	607	-207	-104	743	229
70% Exceedance	-205	126	-35	-163	-165	-708	-187	451	-216	202	1,266	252
80% Exceedance	-286	-51	-64	-153	-148	-719	-3	100	-237	1,070	806	259
90% Exceedance	7	-429	-126	-81	-14	-669	0	-58	0	571	35	69
Full Simulation Period Average^a	-4	102	-104	-221	-76	-356	173	897	-55	215	379	190
Wet Years (27.7%)	91	290	-159	-155	115	146	261	1,751	146	24	129	140
Above Normal Years (13.9%)	-104	347	-44	-100	-39	-599	417	916	-199	117	141	736
Below Normal Years (17.8%)	134	96	-53	-74	-119	-835	112	902	-91	132	641	182
Dry Years (23.8%)	9	3	76	-321	-149	-461	42	379	-258	286	607	-24
Critical Years (15.8%)	-273	-307	-410	-459	-287	-324	71	155	64	621	387	134

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-6 a. SWP Banks PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,944	6,680	5,920	6,389	7,581	5,980	5,188	3,340	4,217	7,180	7,180	5,836
20% Exceedance	3,695	6,175	4,966	4,279	5,580	4,349	2,460	1,232	2,876	7,007	6,855	5,177
30% Exceedance	3,199	5,398	4,496	3,629	4,090	3,762	1,104	843	2,394	6,884	6,855	3,215
40% Exceedance	2,886	4,791	3,654	3,036	3,071	3,089	990	733	2,127	6,843	6,418	1,619
50% Exceedance	2,452	3,679	3,214	2,857	2,792	2,577	898	667	2,083	6,688	5,129	1,378
60% Exceedance	1,627	3,126	2,942	2,665	2,618	2,318	835	600	2,041	6,311	2,609	941
70% Exceedance	1,182	2,172	2,766	2,499	2,530	2,163	787	600	1,988	2,525	300	559
80% Exceedance	785	1,203	2,635	2,341	2,344	1,974	603	600	1,706	300	300	300
90% Exceedance	310	729	1,721	2,122	2,011	1,640	600	594	300	300	300	300
Full Simulation Period Average^a	2,521	3,736	3,718	3,493	3,846	3,193	1,653	1,267	2,283	4,813	3,962	2,261
Wet Years (27.7%)	3,586	5,503	4,427	4,955	6,075	5,059	3,719	2,551	3,286	6,919	6,720	4,146
Above Normal Years (13.9%)	3,004	4,387	3,815	3,443	4,129	3,373	860	984	2,391	6,911	6,714	2,174
Below Normal Years (17.8%)	2,664	3,701	3,570	2,773	3,151	2,878	1,121	976	2,523	6,126	4,532	2,268
Dry Years (23.8%)	1,931	2,992	3,050	3,034	2,660	2,184	791	646	2,085	3,143	1,154	1,316
Critical Years (15.8%)	862	1,087	3,541	2,478	2,259	1,643	624	528	461	318	300	444

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-6 b. SWP Banks PP Exports, ALT3, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,032	6,680	3,898	5,946	7,270	5,438	1,187	818	2,596	573	524	2,862
20% Exceedance	2,788	4,659	2,713	3,533	5,225	3,963	704	652	1,108	300	421	2,202
30% Exceedance	2,534	3,436	2,303	2,783	3,235	2,655	635	427	382	300	300	1,934
40% Exceedance	2,313	2,510	1,847	2,426	2,809	1,654	477	369	300	300	300	1,787
50% Exceedance	1,943	1,883	1,191	1,726	2,109	1,158	419	300	300	300	300	1,468
60% Exceedance	1,017	1,365	578	1,029	1,280	322	361	300	300	300	300	1,135
70% Exceedance	741	935	300	300	853	300	300	300	300	300	300	644
80% Exceedance	336	706	300	300	300	300	300	300	300	300	300	316
90% Exceedance	300	312	300	300	300	300	300	300	300	300	300	300
Full Simulation Period Average^a	1,958	2,616	1,794	2,272	2,840	2,008	584	499	921	598	458	1,565
Wet Years (27.7%)	2,353	2,990	2,616	4,217	3,914	2,147	668	603	2,182	1,306	737	1,874
Above Normal Years (13.9%)	1,934	1,997	1,530	2,592	4,087	2,599	520	556	719	300	333	1,409
Below Normal Years (17.8%)	2,496	3,768	1,793	1,596	2,306	2,266	852	592	456	326	361	2,173
Dry Years (23.8%)	2,056	2,735	1,749	893	2,162	2,071	463	385	329	350	379	1,561
Critical Years (15.8%)	551	996	664	1,415	1,485	862	371	332	300	300	307	480

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-6 c. SWP Banks PP Exports, ALT3 Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-912	0	-2,023	-443	-311	-542	-4,001	-2,522	-1,622	-6,607	-6,656	-2,974
20% Exceedance	-907	-1,515	-2,253	-746	-355	-386	-1,756	-580	-1,768	-6,707	-6,434	-2,974
30% Exceedance	-665	-1,962	-2,193	-846	-856	-1,107	-469	-416	-2,012	-6,584	-6,555	-1,281
40% Exceedance	-573	-2,281	-1,807	-610	-262	-1,435	-512	-364	-1,827	-6,543	-6,118	169
50% Exceedance	-509	-1,796	-2,023	-1,131	-684	-1,420	-480	-367	-1,783	-6,388	-4,829	90
60% Exceedance	-610	-1,760	-2,364	-1,637	-1,338	-1,996	-474	-300	-1,741	-6,011	-2,309	193
70% Exceedance	-441	-1,237	-2,466	-2,199	-1,676	-1,863	-487	-300	-1,688	-2,225	0	84
80% Exceedance	-449	-498	-2,335	-2,041	-2,044	-1,674	-303	-300	-1,406	0	0	16
90% Exceedance	-10	-417	-1,421	-1,822	-1,711	-1,340	-300	-294	0	0	0	0
Full Simulation Period Average^a	-563	-1,120	-1,924	-1,221	-1,006	-1,186	-1,070	-769	-1,363	-4,214	-3,504	-696
Wet Years (27.7%)	-1,234	-2,513	-1,812	-738	-2,161	-2,911	-3,051	-1,949	-1,104	-5,613	-5,983	-2,272
Above Normal Years (13.9%)	-1,070	-2,390	-2,285	-850	-42	-773	-340	-429	-1,673	-6,611	-6,381	-765
Below Normal Years (17.8%)	-168	67	-1,777	-1,177	-844	-612	-268	-385	-2,067	-5,800	-4,171	-95
Dry Years (23.8%)	126	-258	-1,301	-2,141	-498	-112	-328	-260	-1,755	-2,793	-775	245
Critical Years (15.8%)	-311	-92	-2,877	-1,063	-774	-781	-254	-196	-161	-18	7	36

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-7 a. SWP Banks PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,944	6,680	5,920	6,389	7,581	5,980	5,188	3,340	4,217	7,180	7,180	5,836
20% Exceedance	3,695	6,175	4,966	4,279	5,580	4,349	2,460	1,232	2,876	7,007	6,855	5,177
30% Exceedance	3,199	5,398	4,496	3,629	4,090	3,762	1,104	843	2,394	6,884	6,855	3,215
40% Exceedance	2,886	4,791	3,654	3,036	3,071	3,089	990	733	2,127	6,843	6,418	1,619
50% Exceedance	2,452	3,679	3,214	2,857	2,792	2,577	898	667	2,083	6,688	5,129	1,378
60% Exceedance	1,627	3,126	2,942	2,665	2,618	2,318	835	600	2,041	6,311	2,609	941
70% Exceedance	1,182	2,172	2,766	2,499	2,530	2,163	787	600	1,988	2,525	300	559
80% Exceedance	785	1,203	2,635	2,341	2,344	1,974	603	600	1,706	300	300	300
90% Exceedance	310	729	1,721	2,122	2,011	1,640	600	594	300	300	300	300
Full Simulation Period Average^a	2,521	3,736	3,718	3,493	3,846	3,193	1,653	1,267	2,283	4,813	3,962	2,261
Wet Years (27.7%)	3,586	5,503	4,427	4,955	6,075	5,059	3,719	2,551	3,286	6,919	6,720	4,146
Above Normal Years (13.9%)	3,004	4,387	3,815	3,443	4,129	3,373	860	984	2,391	6,911	6,714	2,174
Below Normal Years (17.8%)	2,664	3,701	3,570	2,773	3,151	2,878	1,121	976	2,523	6,126	4,532	2,268
Dry Years (23.8%)	1,931	2,992	3,050	3,034	2,660	2,184	791	646	2,085	3,143	1,154	1,316
Critical Years (15.8%)	862	1,087	3,541	2,478	2,259	1,643	624	528	461	318	300	444

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-7 b. SWP Banks PP Exports, ALT4, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6,325	6,680	4,511	5,497	8,159	6,389	5,285	5,791	3,672	7,180	7,180	7,180
20% Exceedance	4,737	6,216	4,050	4,035	6,186	4,864	3,098	3,023	2,878	7,180	7,180	5,125
30% Exceedance	3,803	5,393	3,706	3,270	4,801	3,934	2,700	2,355	2,310	6,991	7,180	3,350
40% Exceedance	3,551	4,584	3,203	2,961	3,844	3,145	2,133	2,003	2,139	6,910	6,474	1,838
50% Exceedance	2,951	3,921	2,874	2,774	3,217	2,630	1,717	1,670	1,922	6,797	5,822	1,497
60% Exceedance	2,042	3,238	2,688	2,652	2,936	2,336	1,336	1,305	1,848	6,593	3,895	1,176
70% Exceedance	1,336	2,376	2,454	2,458	2,776	2,167	1,203	1,193	1,803	4,464	423	895
80% Exceedance	873	1,023	2,252	2,267	2,577	2,002	1,098	1,025	1,554	300	300	538
90% Exceedance	300	504	1,264	2,074	2,169	1,613	747	658	300	300	300	357
Full Simulation Period Average^a	2,933	3,738	3,183	3,321	4,264	3,330	2,305	2,255	2,171	4,988	4,212	2,580
Wet Years (27.7%)	4,719	5,440	3,457	4,606	6,426	5,662	4,299	4,238	3,319	6,965	6,881	4,637
Above Normal Years (13.9%)	3,593	4,609	3,348	3,158	4,678	3,342	2,367	2,240	2,255	6,986	6,816	3,066
Below Normal Years (17.8%)	2,714	3,700	3,358	2,613	3,568	2,818	1,928	1,845	2,255	6,537	5,320	2,526
Dry Years (23.8%)	1,979	2,985	2,829	3,003	3,004	2,124	1,260	1,253	1,835	3,481	1,358	1,335
Critical Years (15.8%)	807	1,046	2,885	2,491	2,794	1,624	753	763	499	301	300	481

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-7 c. SWP Banks PP Exports, ALT4 Minus NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,381	0	-1,409	-892	578	409	97	2,450	-546	0	0	1,344
20% Exceedance	1,042	41	-916	-243	606	515	638	1,791	3	173	325	-52
30% Exceedance	604	-5	-790	-359	711	172	1,596	1,511	-84	107	325	135
40% Exceedance	665	-207	-451	-75	773	56	1,143	1,270	12	67	57	220
50% Exceedance	499	242	-340	-83	425	52	819	1,003	-161	110	693	119
60% Exceedance	415	112	-255	-13	318	18	501	705	-194	282	1,286	234
70% Exceedance	154	204	-312	-41	246	4	416	593	-185	1,939	123	336
80% Exceedance	87	-180	-383	-74	233	29	494	425	-152	0	0	238
90% Exceedance	-10	-225	-457	-48	158	-27	147	65	0	0	0	57
Full Simulation Period Average^a	412	2	-535	-172	418	137	652	988	-112	175	250	319
Wet Years (27.7%)	1,132	-64	-971	-349	350	603	580	1,687	34	46	161	490
Above Normal Years (13.9%)	589	223	-467	-285	548	-31	1,508	1,256	-137	75	102	892
Below Normal Years (17.8%)	51	-1	-211	-160	418	-59	807	868	-268	410	788	258
Dry Years (23.8%)	48	-7	-220	-31	344	-60	469	607	-250	338	204	18
Critical Years (15.8%)	-55	-41	-656	13	535	-18	128	234	38	-17	0	37

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-8 a. SWP Banks PP Exports, NAA, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,944	6,680	5,920	6,389	7,581	5,980	5,188	3,340	4,217	7,180	7,180	5,836
20% Exceedance	3,695	6,175	4,966	4,279	5,580	4,349	2,460	1,232	2,876	7,007	6,855	5,177
30% Exceedance	3,199	5,398	4,496	3,629	4,090	3,762	1,104	843	2,394	6,884	6,855	3,215
40% Exceedance	2,886	4,791	3,654	3,036	3,071	3,089	990	733	2,127	6,843	6,418	1,619
50% Exceedance	2,452	3,679	3,214	2,857	2,792	2,577	898	667	2,083	6,688	5,129	1,378
60% Exceedance	1,627	3,126	2,942	2,665	2,618	2,318	835	600	2,041	6,311	2,609	941
70% Exceedance	1,182	2,172	2,766	2,499	2,530	2,163	787	600	1,988	2,525	300	559
80% Exceedance	785	1,203	2,635	2,341	2,344	1,974	603	600	1,706	300	300	300
90% Exceedance	310	729	1,721	2,122	2,011	1,640	600	594	300	300	300	300
Full Simulation Period Average^a	2,521	3,736	3,718	3,493	3,846	3,193	1,653	1,267	2,283	4,813	3,962	2,261
Wet Years (27.7%)	3,586	5,503	4,427	4,955	6,075	5,059	3,719	2,551	3,286	6,919	6,720	4,146
Above Normal Years (13.9%)	3,004	4,387	3,815	3,443	4,129	3,373	860	984	2,391	6,911	6,714	2,174
Below Normal Years (17.8%)	2,664	3,701	3,570	2,773	3,151	2,878	1,121	976	2,523	6,126	4,532	2,268
Dry Years (23.8%)	1,931	2,992	3,050	3,034	2,660	2,184	791	646	2,085	3,143	1,154	1,316
Critical Years (15.8%)	862	1,087	3,541	2,478	2,259	1,643	624	528	461	318	300	444

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-8 b. SWP Banks PP Exports, Action 5, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6,680	6,680	5,382	6,479	8,683	6,430	5,070	5,811	4,142	7,180	7,180	7,180
20% Exceedance	5,664	5,892	4,773	4,411	6,128	5,197	3,147	3,258	3,153	7,180	7,180	5,910
30% Exceedance	4,295	5,286	4,052	3,665	4,570	4,498	2,176	2,347	2,321	7,180	7,144	4,075
40% Exceedance	3,658	4,224	3,565	3,162	3,803	3,827	1,434	1,943	2,175	7,051	6,366	2,843
50% Exceedance	2,865	3,581	3,065	2,936	3,048	2,788	1,086	1,500	2,004	6,884	5,777	2,345
60% Exceedance	2,341	3,030	2,903	2,710	2,698	2,510	874	1,210	1,899	6,765	4,096	1,467
70% Exceedance	1,895	2,328	2,738	2,575	2,534	1,941	600	1,087	1,832	5,034	1,920	1,184
80% Exceedance	1,017	1,191	2,576	2,406	2,301	1,661	600	748	1,756	1,594	1,199	836
90% Exceedance	386	378	1,533	2,125	1,964	1,039	600	600	300	468	683	478
Full Simulation Period Average^a	3,223	3,615	3,569	3,544	4,145	3,413	1,911	2,168	2,270	5,239	4,554	2,998
Wet Years (27.7%)	4,961	4,938	4,000	5,094	6,530	5,540	4,090	4,219	3,449	6,939	6,850	5,522
Above Normal Years (13.9%)	4,167	4,184	3,559	3,621	4,807	3,896	1,359	1,927	2,235	7,114	6,761	4,029
Below Normal Years (17.8%)	3,426	4,106	3,674	2,850	3,528	3,039	1,452	1,911	2,329	6,683	5,863	2,752
Dry Years (23.8%)	2,022	3,013	3,095	2,970	2,594	2,129	811	1,057	2,023	4,099	2,152	1,282
Critical Years (15.8%)	806	1,005	3,392	2,402	2,413	1,616	749	744	542	713	740	529

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-13-8 c. SWP Banks PP Exports, Action 5 Minus NAA, Monthly Delivery (cfs)

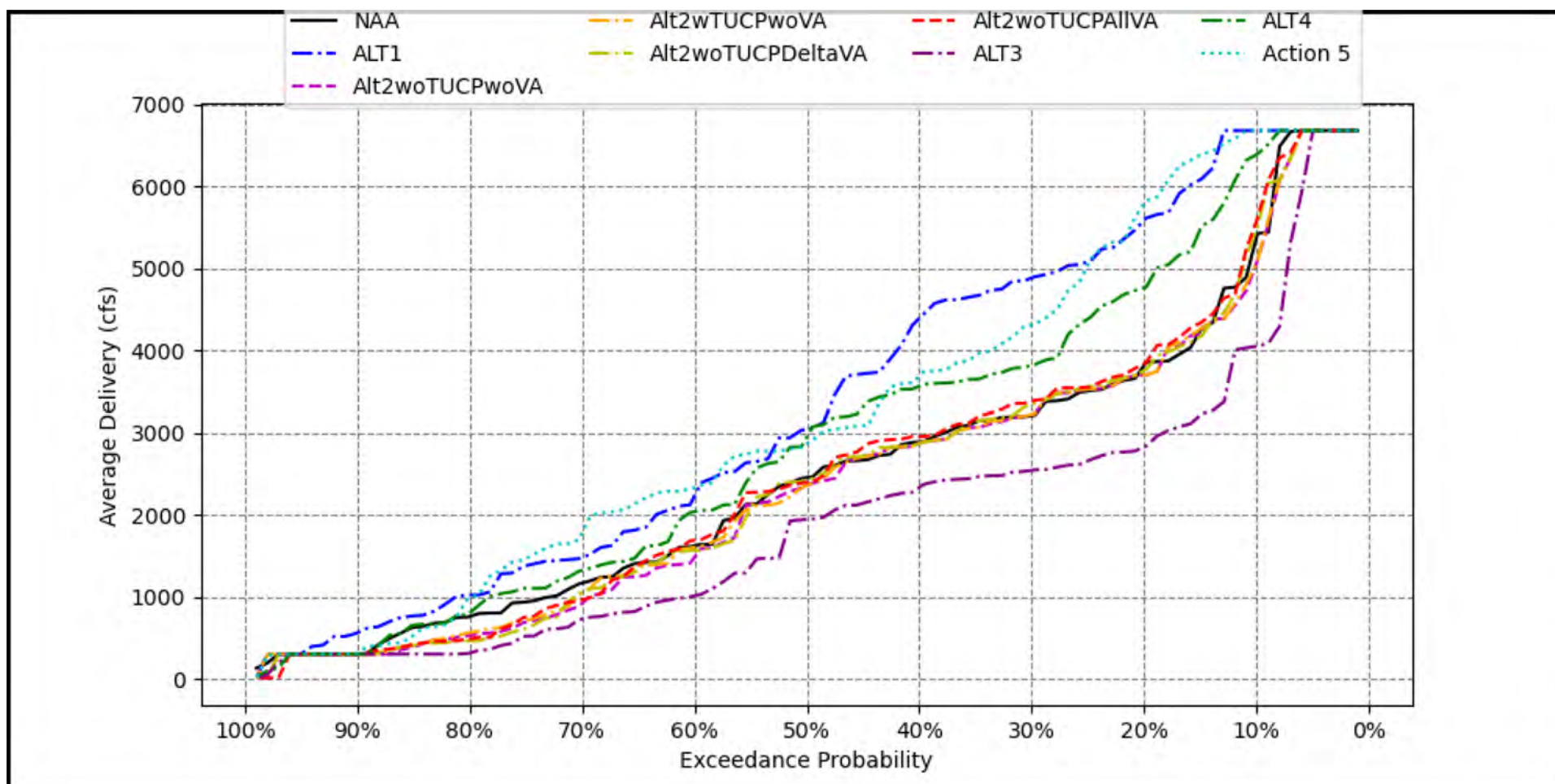
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,736	0	-538	90	1,102	450	-117	2,471	-76	0	0	1,344
20% Exceedance	1,969	-283	-193	132	548	847	688	2,026	277	173	325	734
30% Exceedance	1,096	-112	-444	37	480	736	1,071	1,504	-73	296	289	860
40% Exceedance	772	-567	-89	126	732	738	444	1,210	47	208	-52	1,224
50% Exceedance	413	-98	-149	80	256	210	188	833	-80	196	647	967
60% Exceedance	715	-95	-39	45	80	193	40	610	-142	453	1,487	526
70% Exceedance	713	156	-28	76	5	-223	-187	487	-156	2,509	1,620	625
80% Exceedance	232	-13	-59	66	-43	-312	-3	148	50	1,294	899	536
90% Exceedance	76	-350	-188	3	-47	-601	0	6	0	168	383	178
Full Simulation Period Average^a	703	-121	-149	50	299	220	258	900	-13	427	592	737
Wet Years (27.7%)	1,375	-565	-428	139	455	481	372	1,667	163	20	130	1,376
Above Normal Years (13.9%)	1,162	-202	-256	179	678	523	499	942	-156	203	47	1,855
Below Normal Years (17.8%)	762	405	104	77	377	161	331	935	-194	557	1,331	483
Dry Years (23.8%)	92	21	46	-64	-65	-54	20	411	-62	955	998	-34
Critical Years (15.8%)	-55	-83	-149	-76	155	-26	125	216	81	395	440	85

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

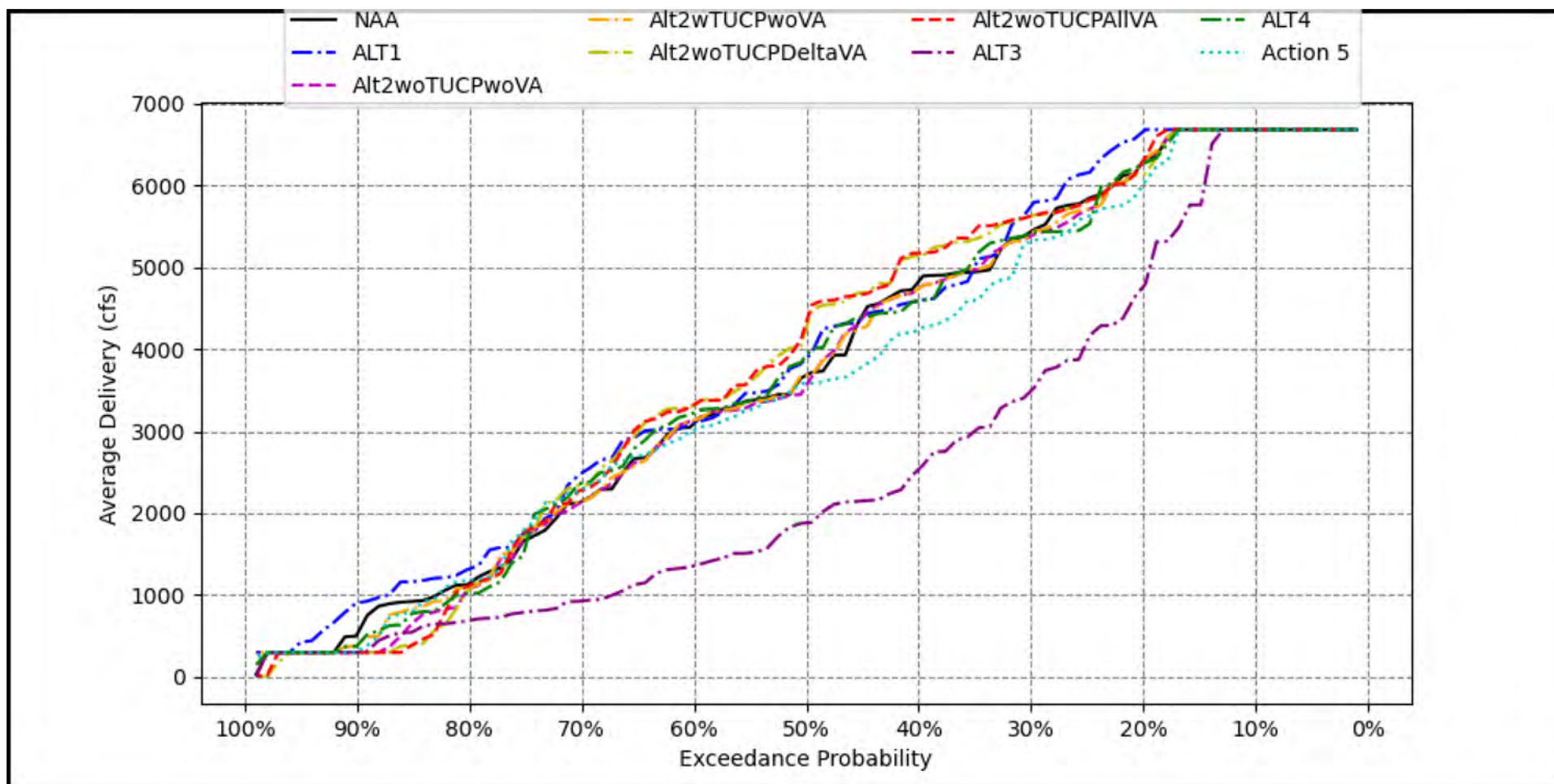
* Water Year Types defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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



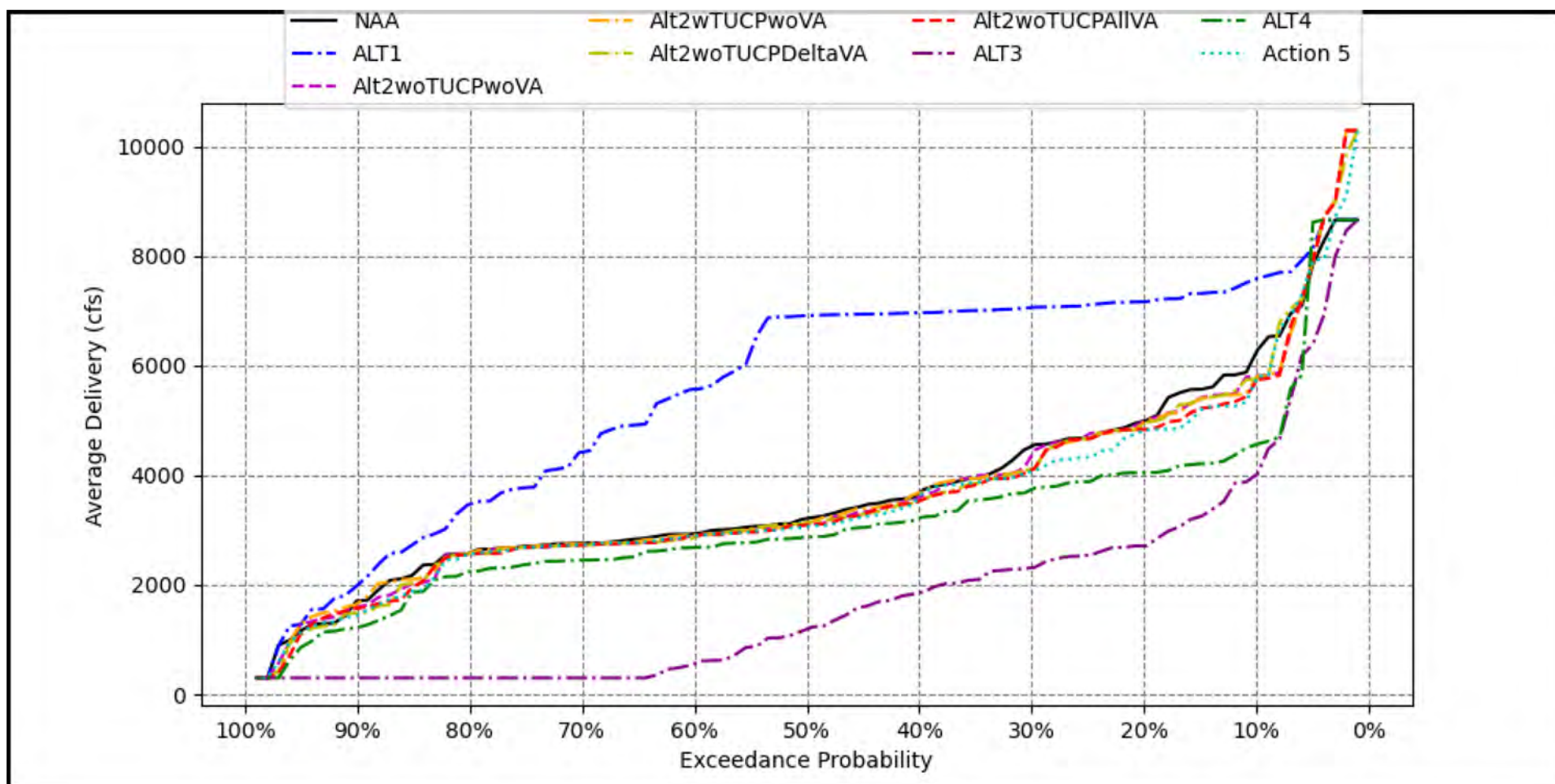
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-13-1 SWP Banks PP Exports, October Delivery



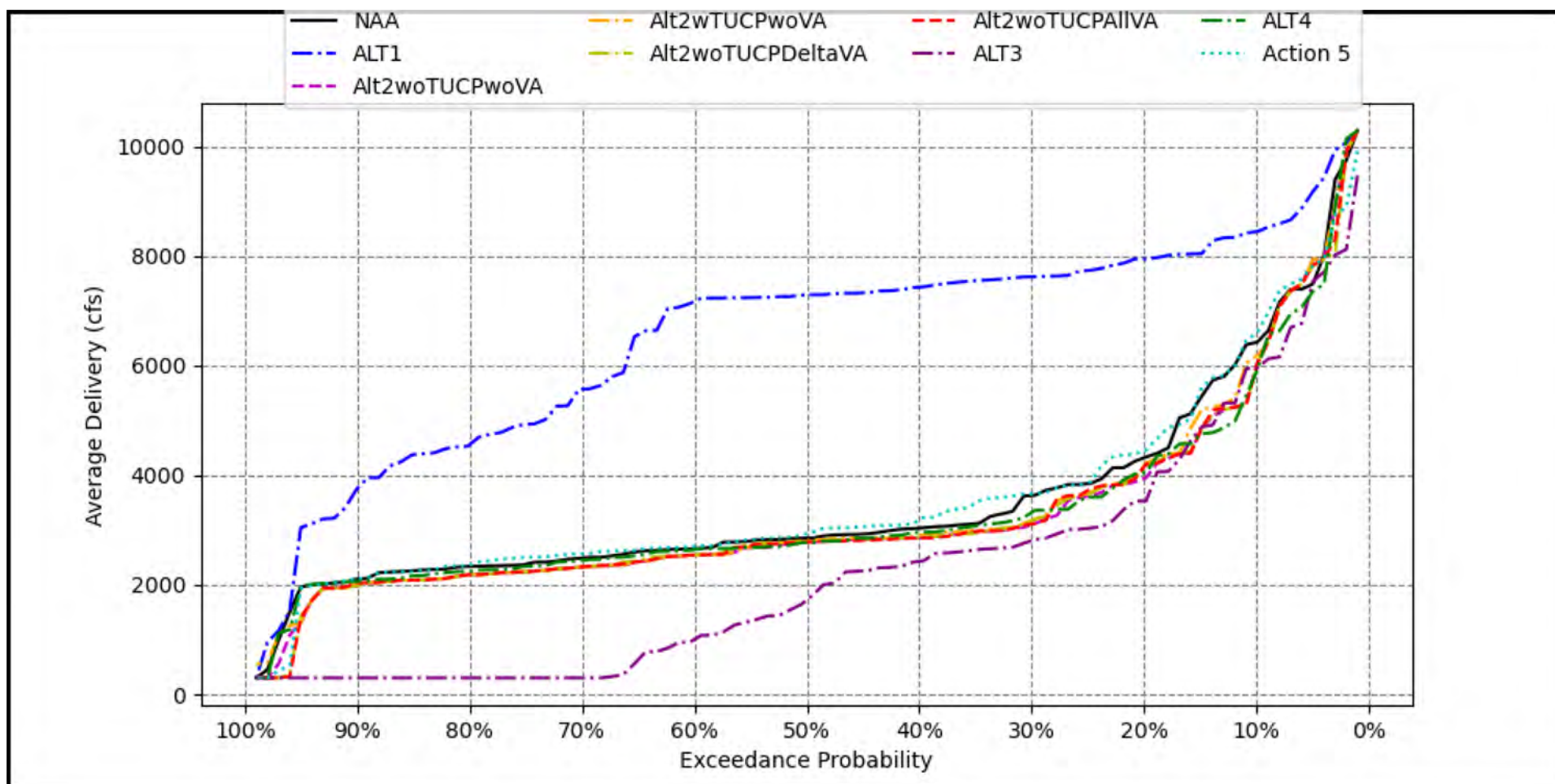
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-13-2 SWP Banks PP Exports, November Delivery



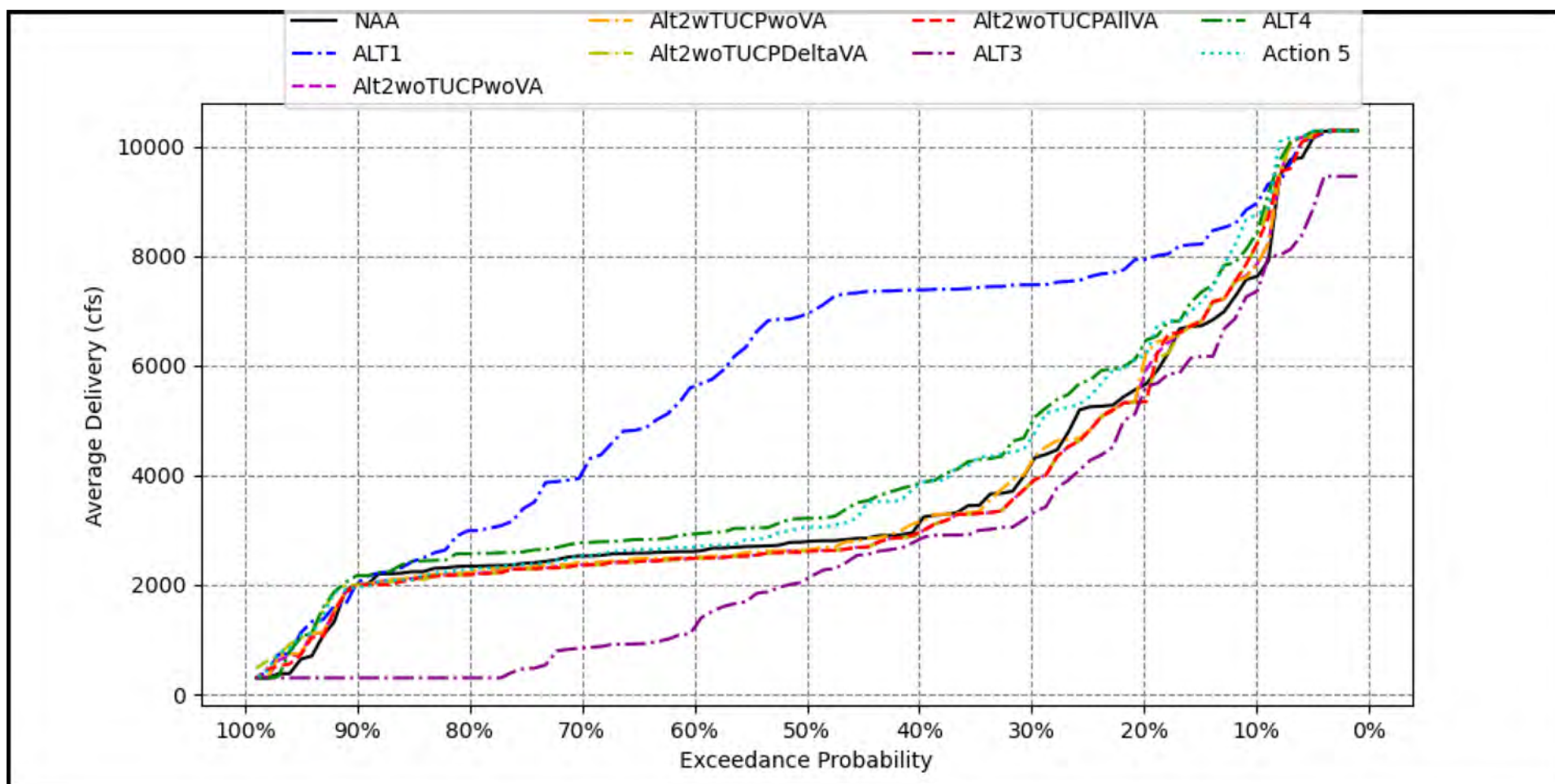
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-13-3 SWP Banks PP Exports, December Delivery



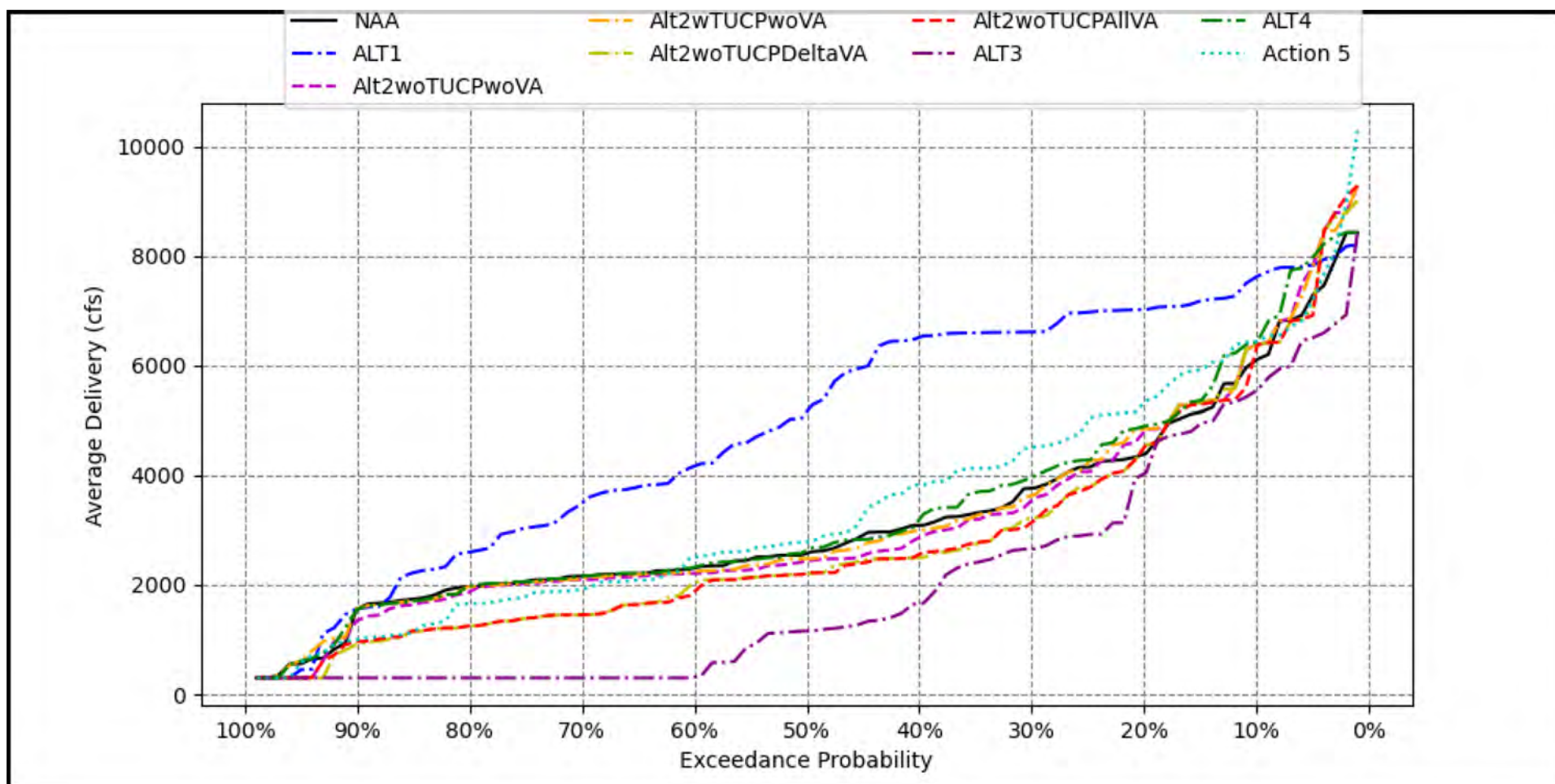
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-13-4 SWP Banks PP Exports, January Delivery



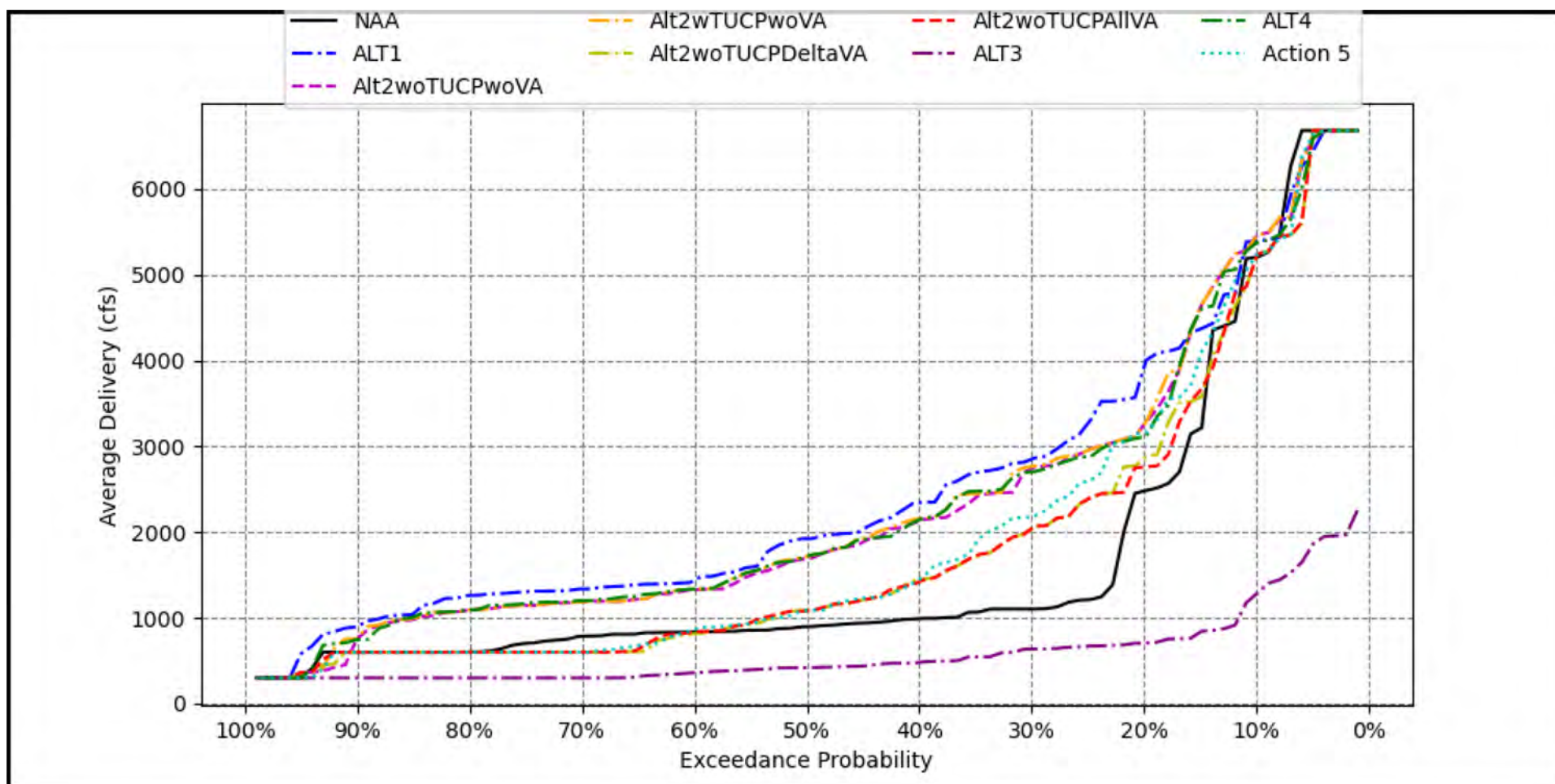
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-13-5 SWP Banks PP Exports, February Delivery



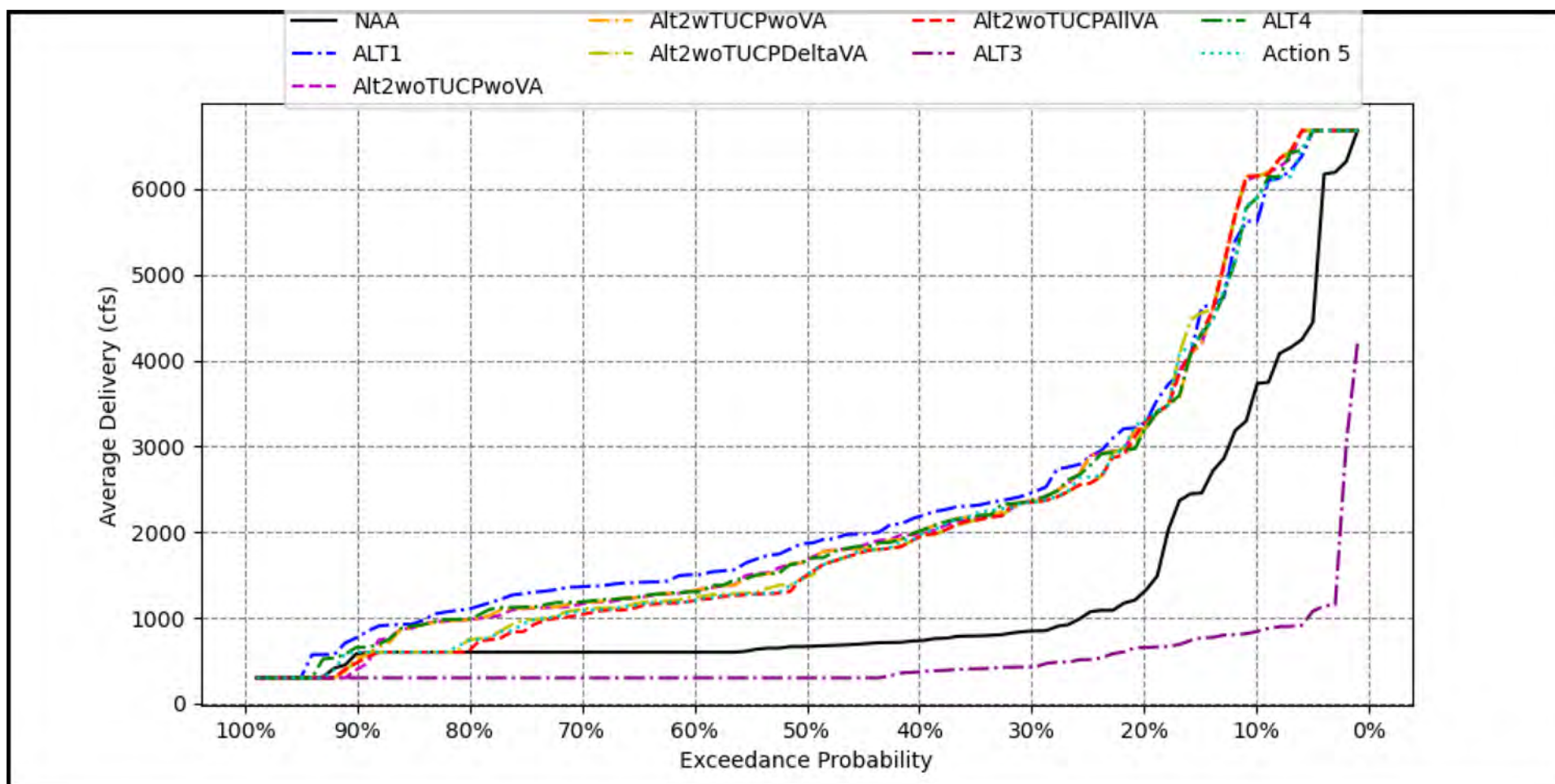
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-13-6 SWP Banks PP Exports, March Delivery



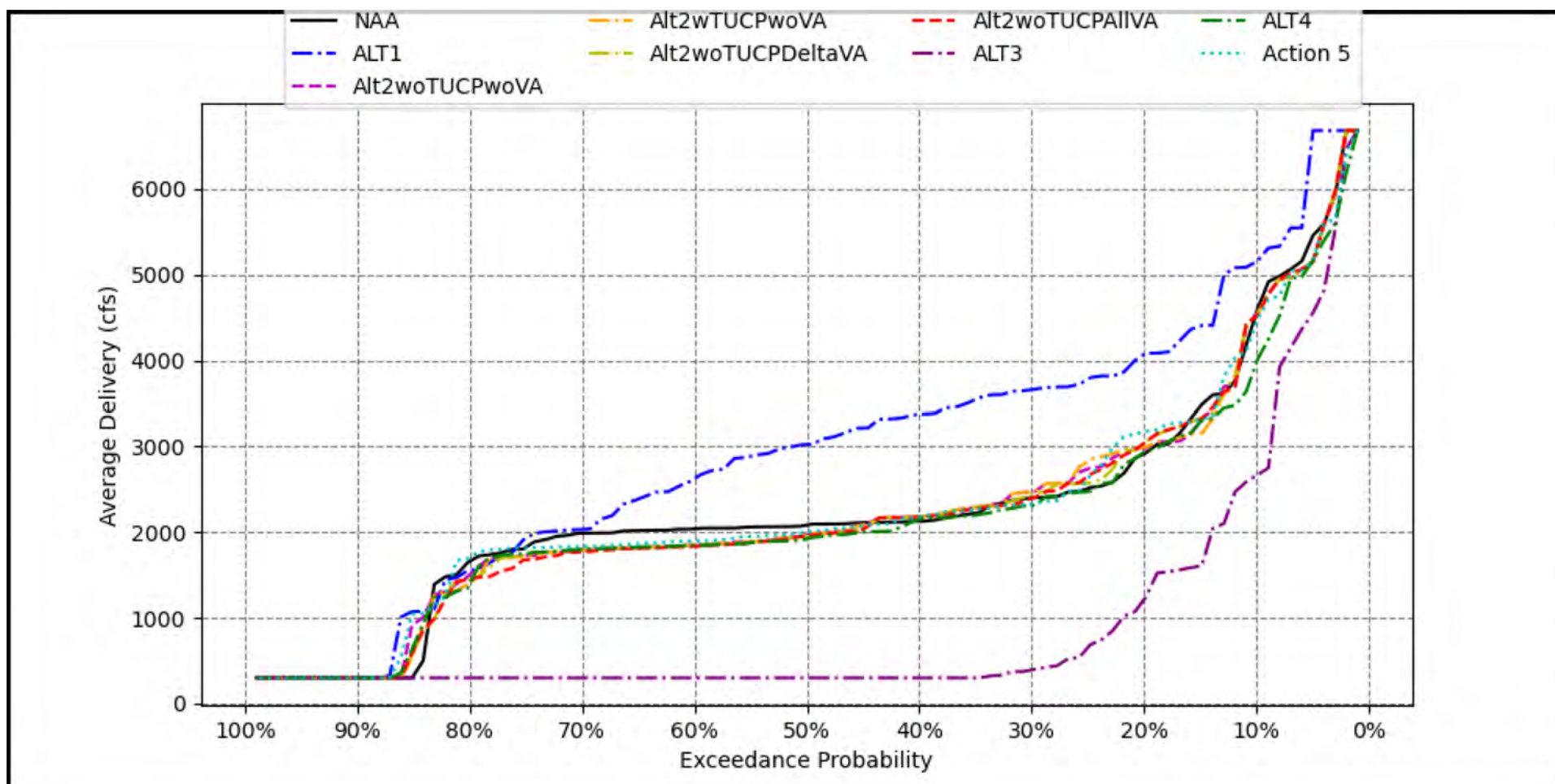
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-13-7 SWP Banks PP Exports, April Delivery



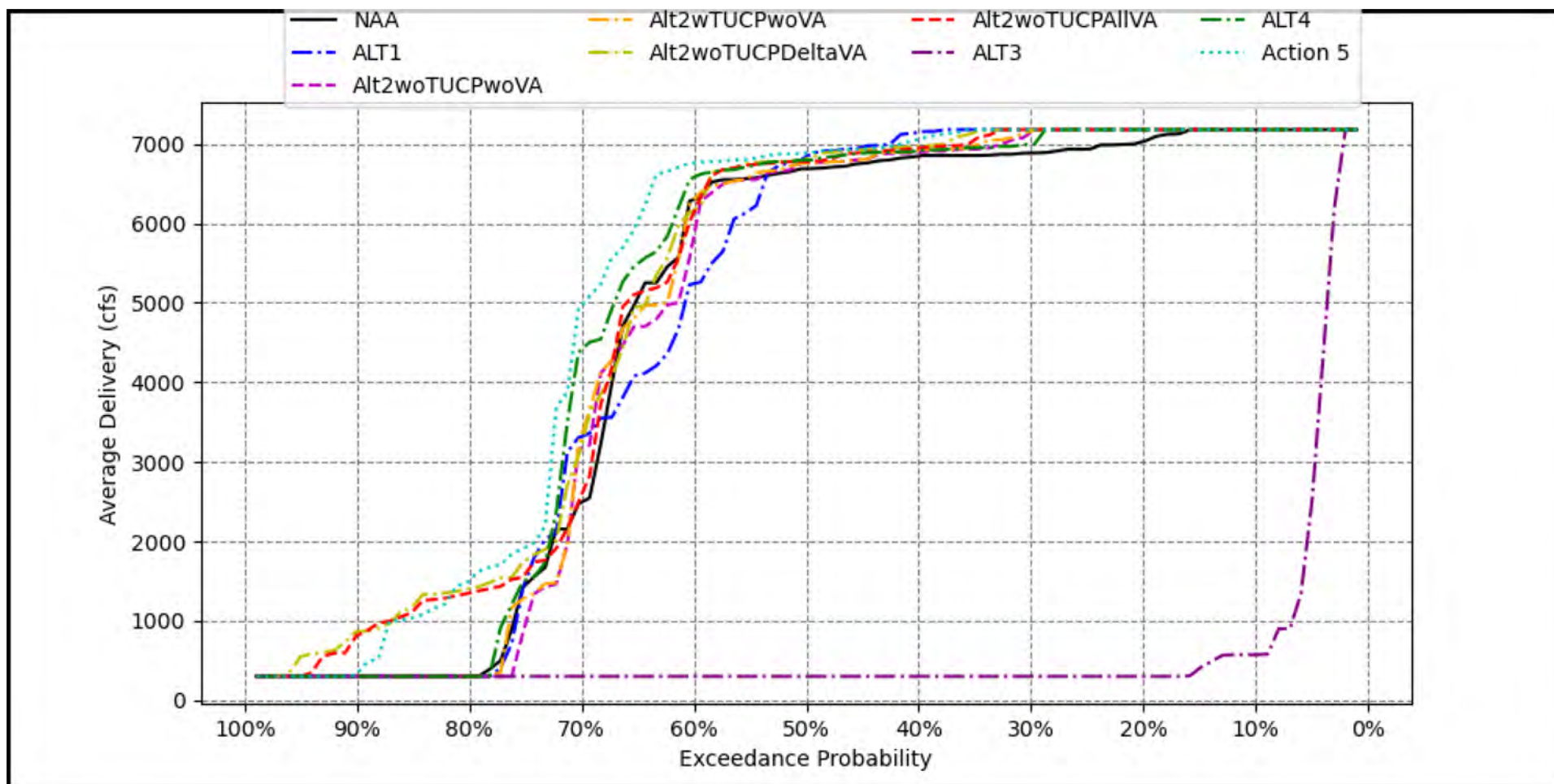
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-13-8 SWP Banks PP Exports, May Delivery



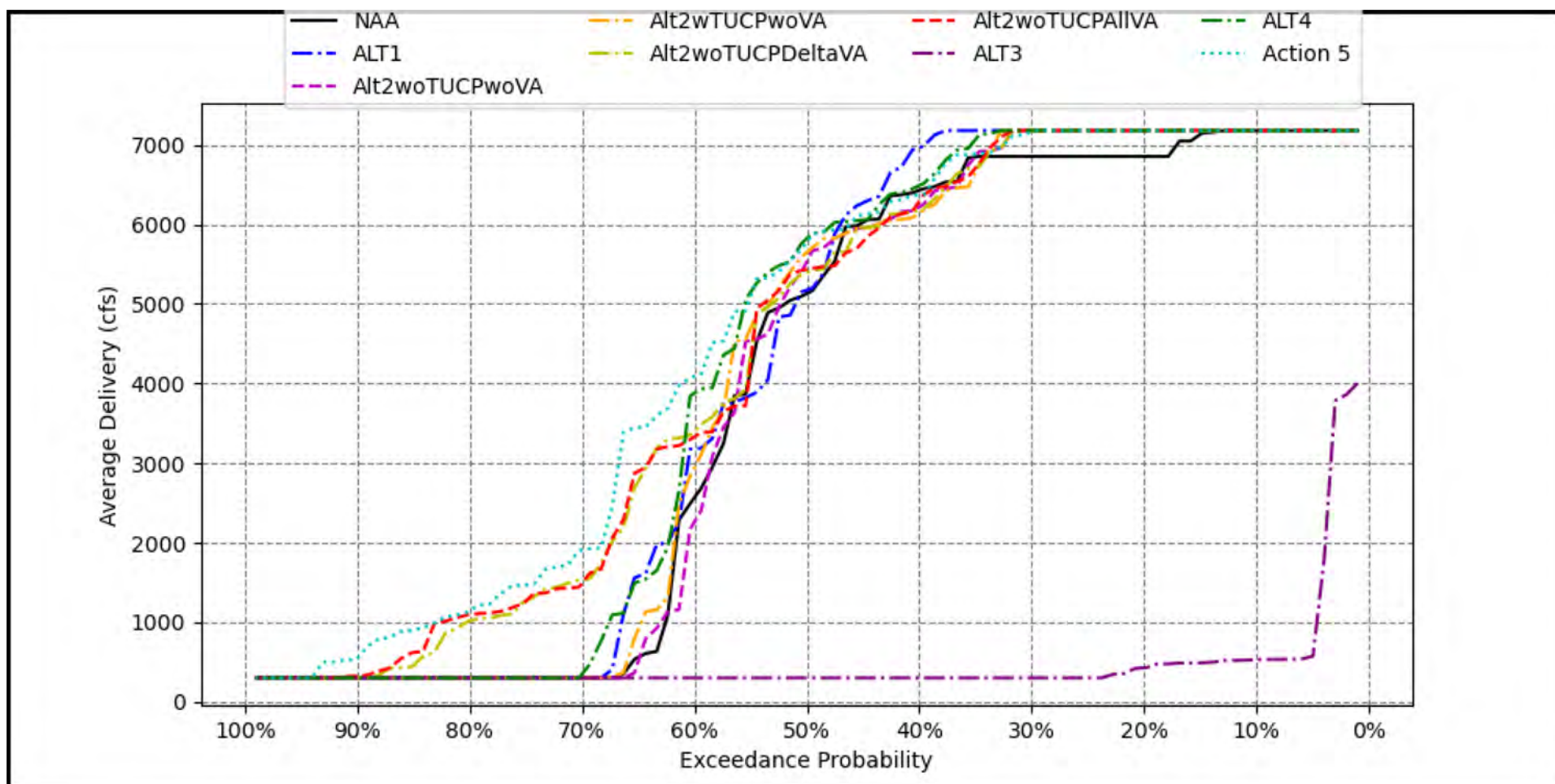
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-13-9 SWP Banks PP Exports, June Delivery



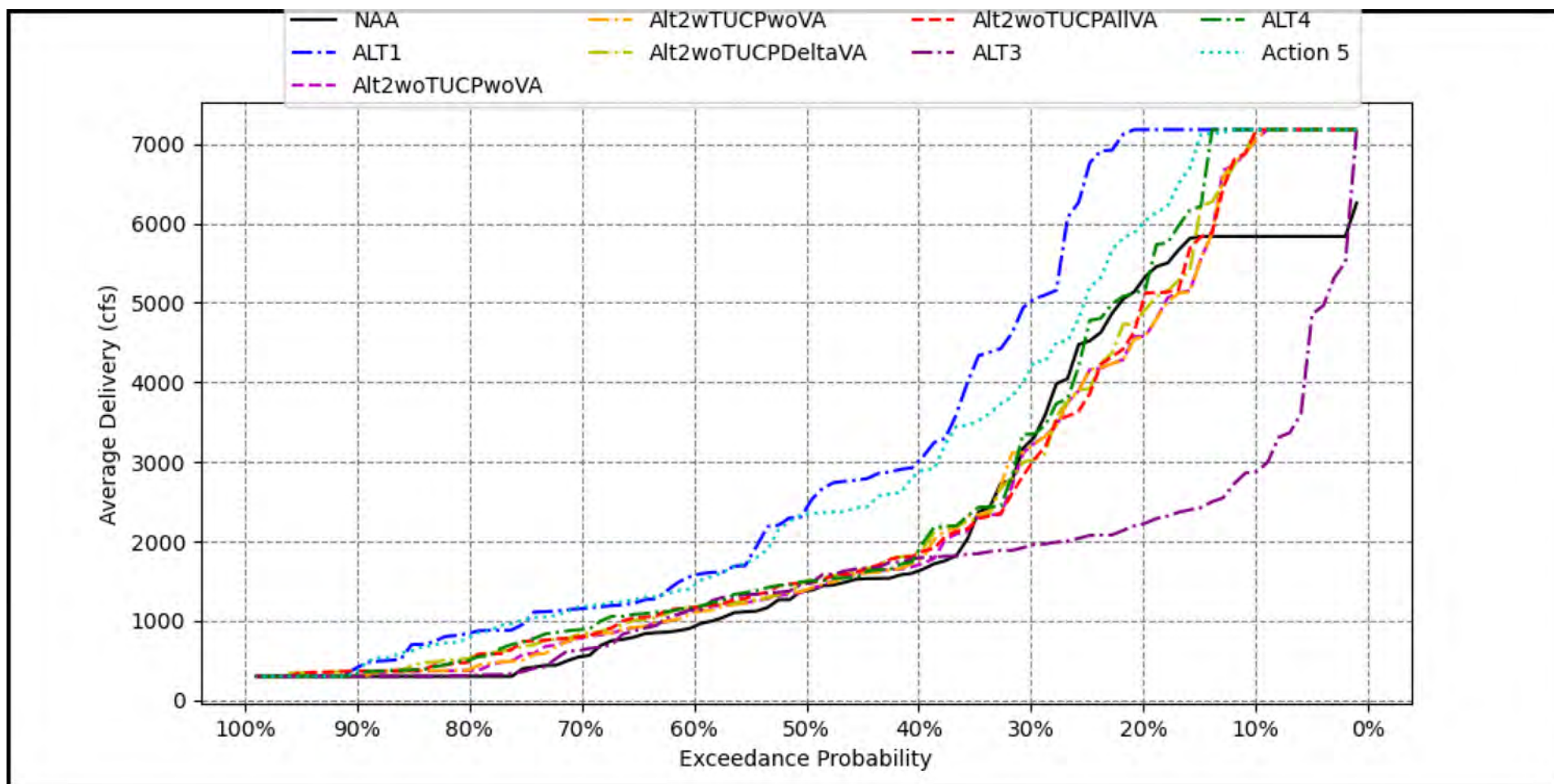
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-13-10 SWP Banks PP Exports, July Delivery



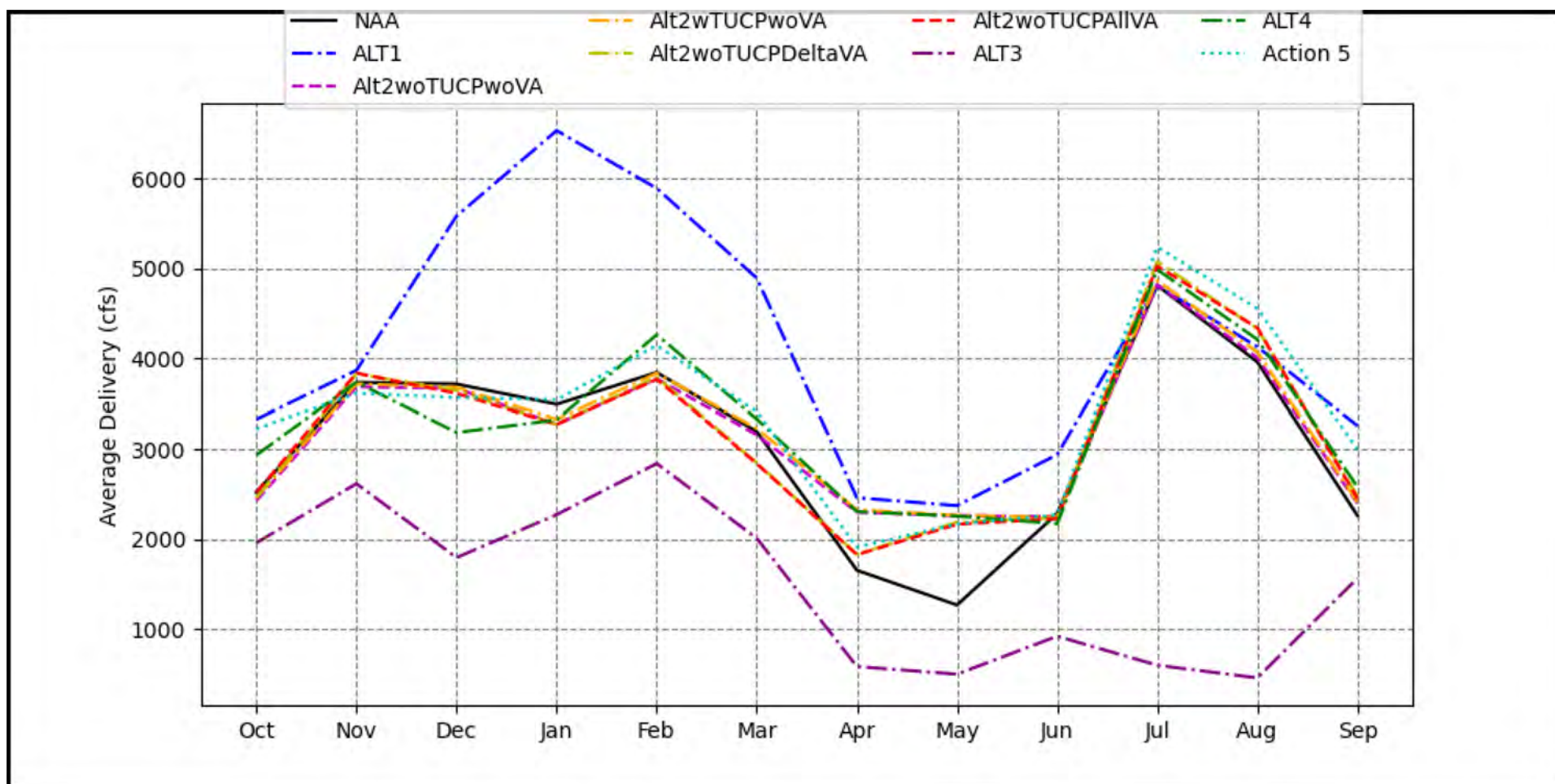
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-13-11 SWP Banks PP Exports, August Delivery



*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-13-12 SWP Banks PP Exports, September Delivery

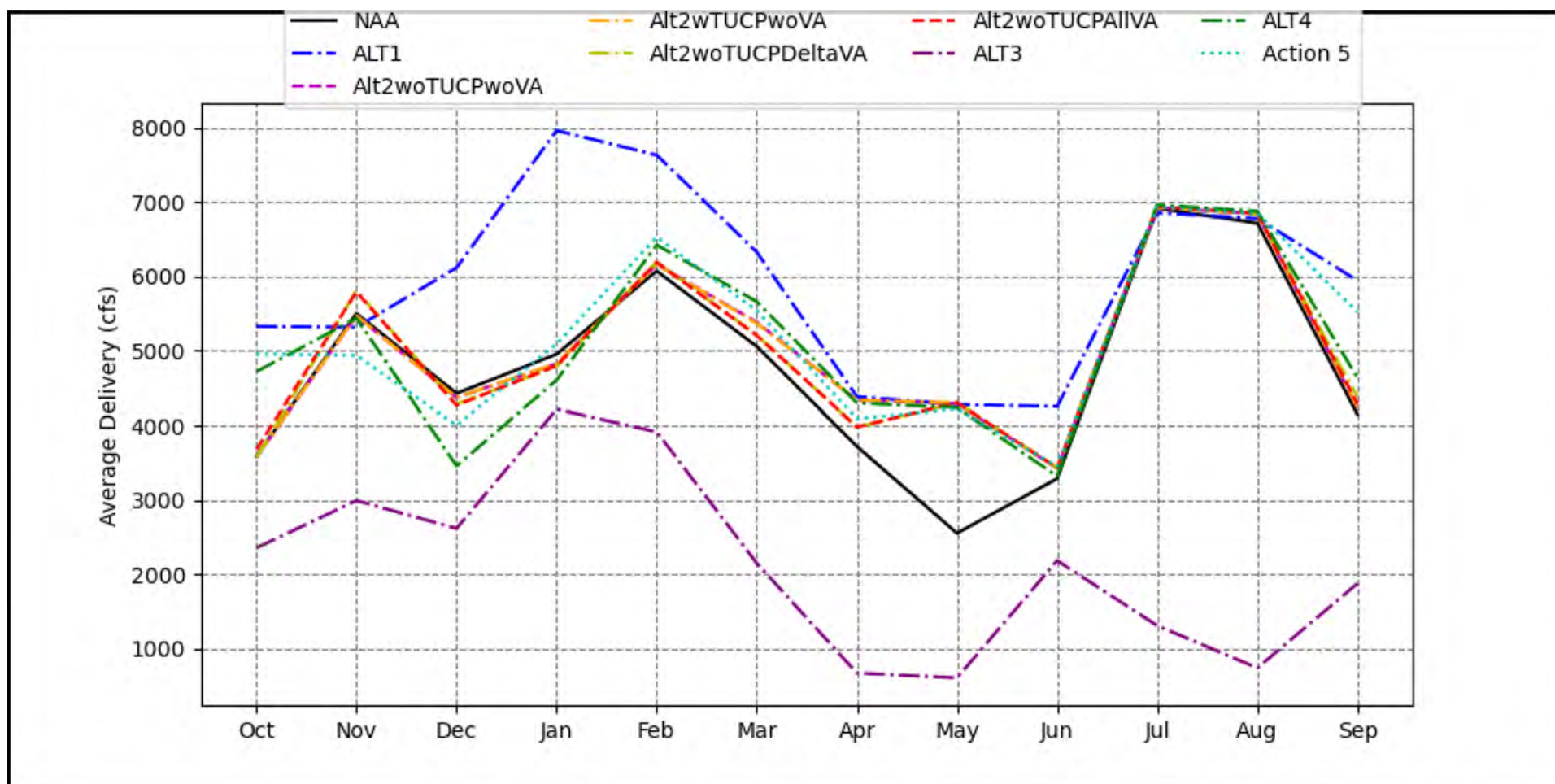


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-13-13 SWP Banks PP Exports, Long Term Average Delivery (cfs)

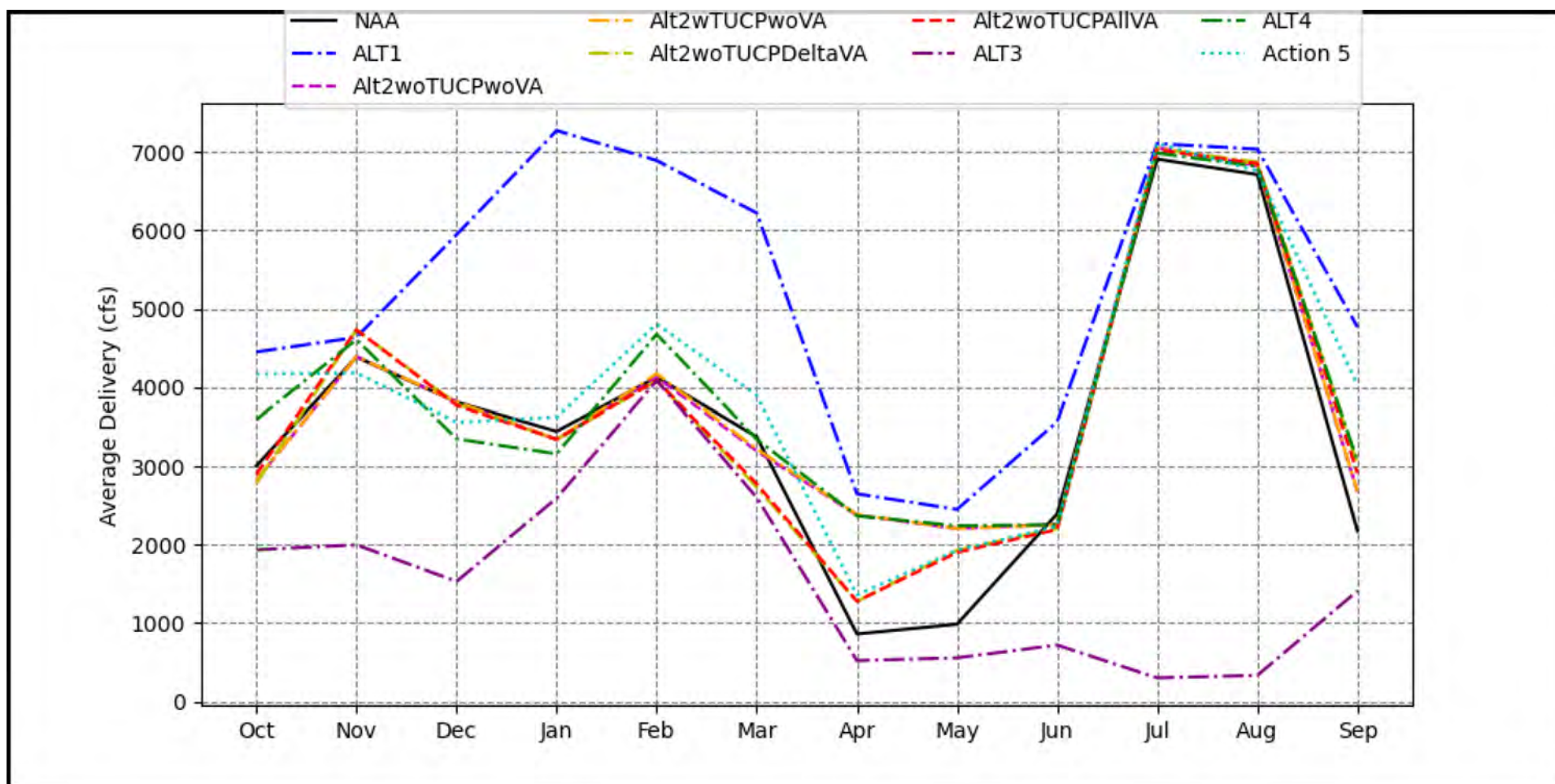


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-13-14 SWP Banks PP Exports, Wet Year Average Delivery (cfs)

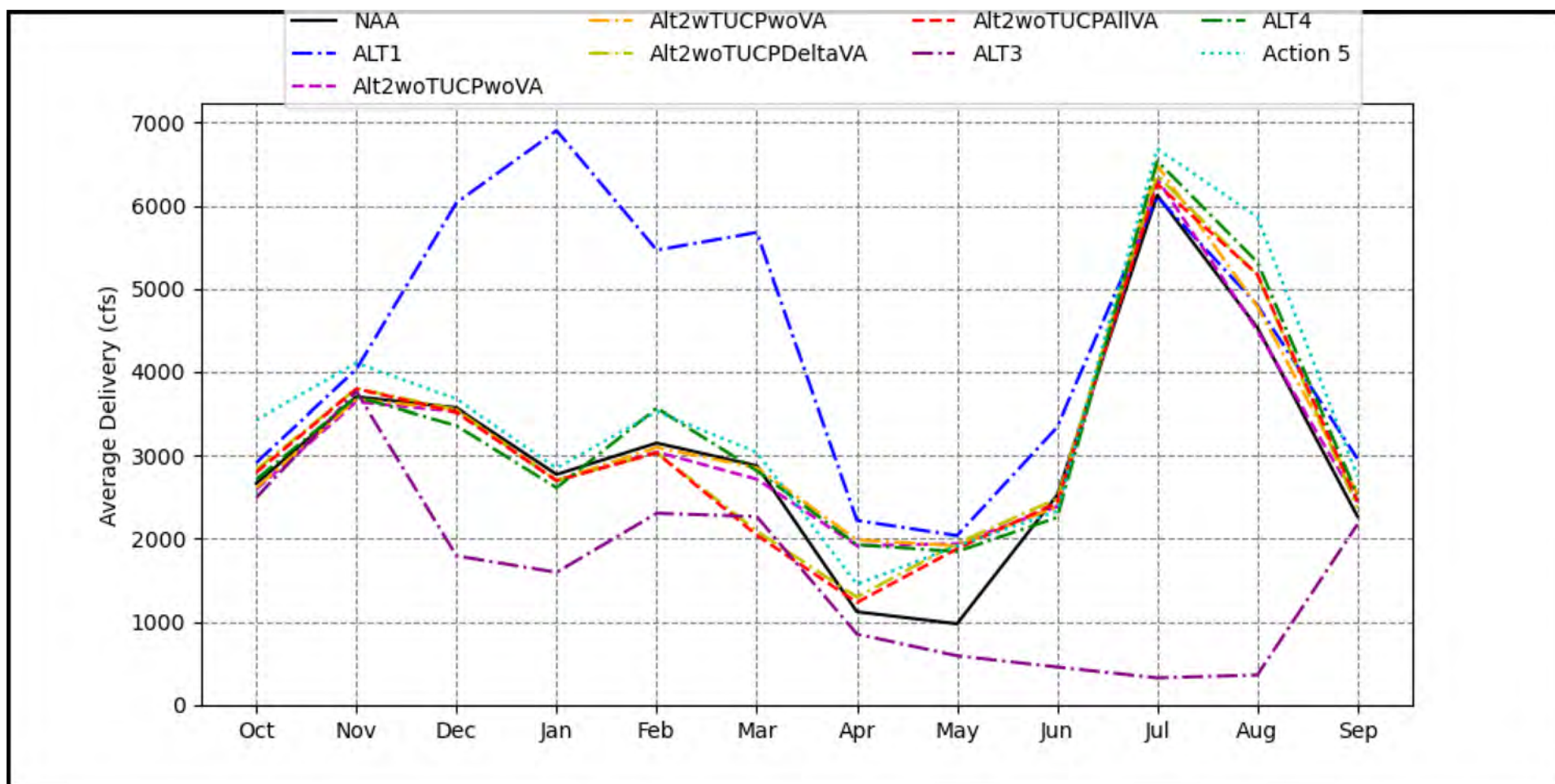


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-13-15 SWP Banks PP Exports, Above Normal Year Average Delivery (cfs)

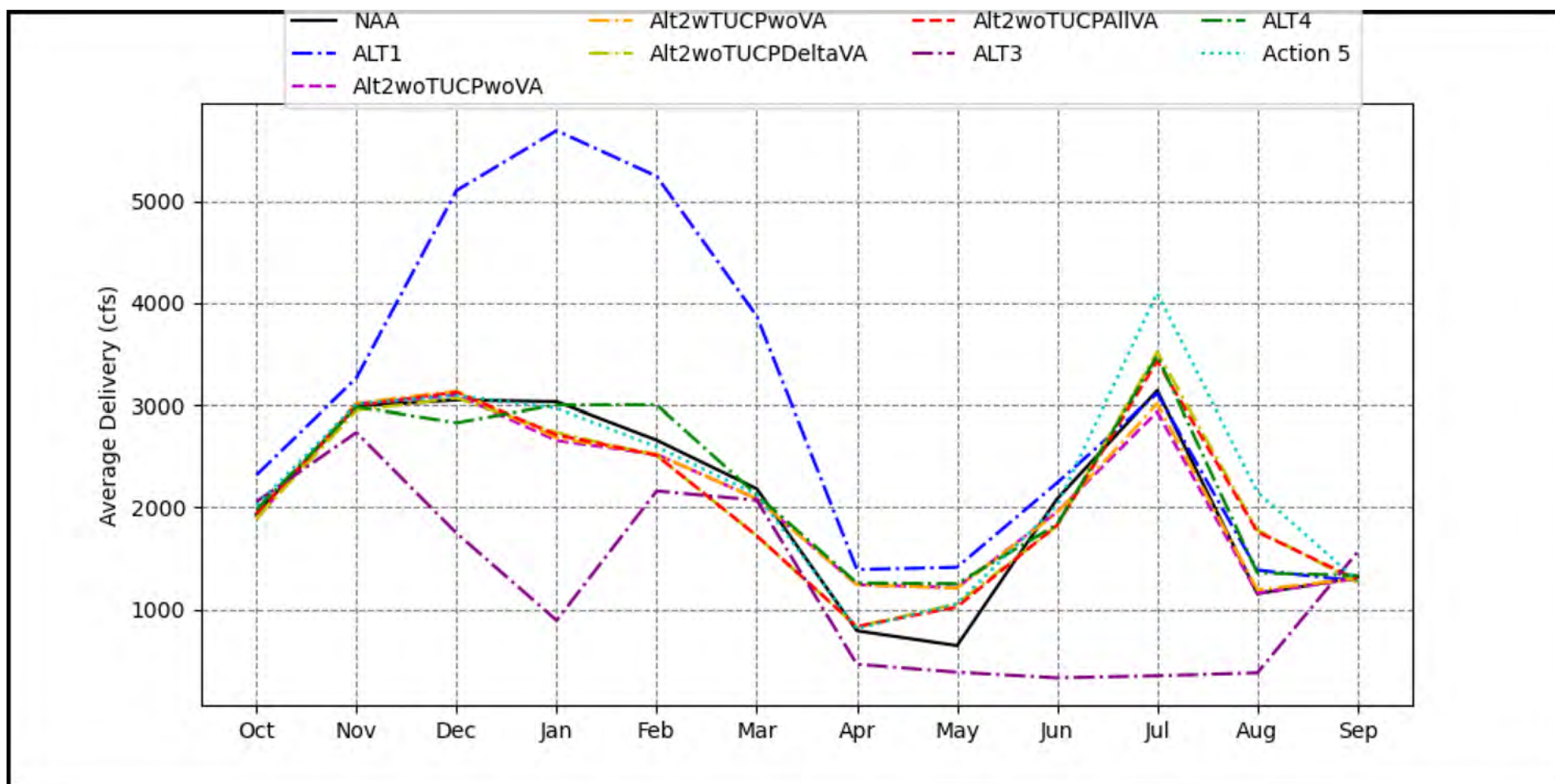


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-13-16 SWP Banks PP Exports, Below Normal Year Average Delivery (cfs)

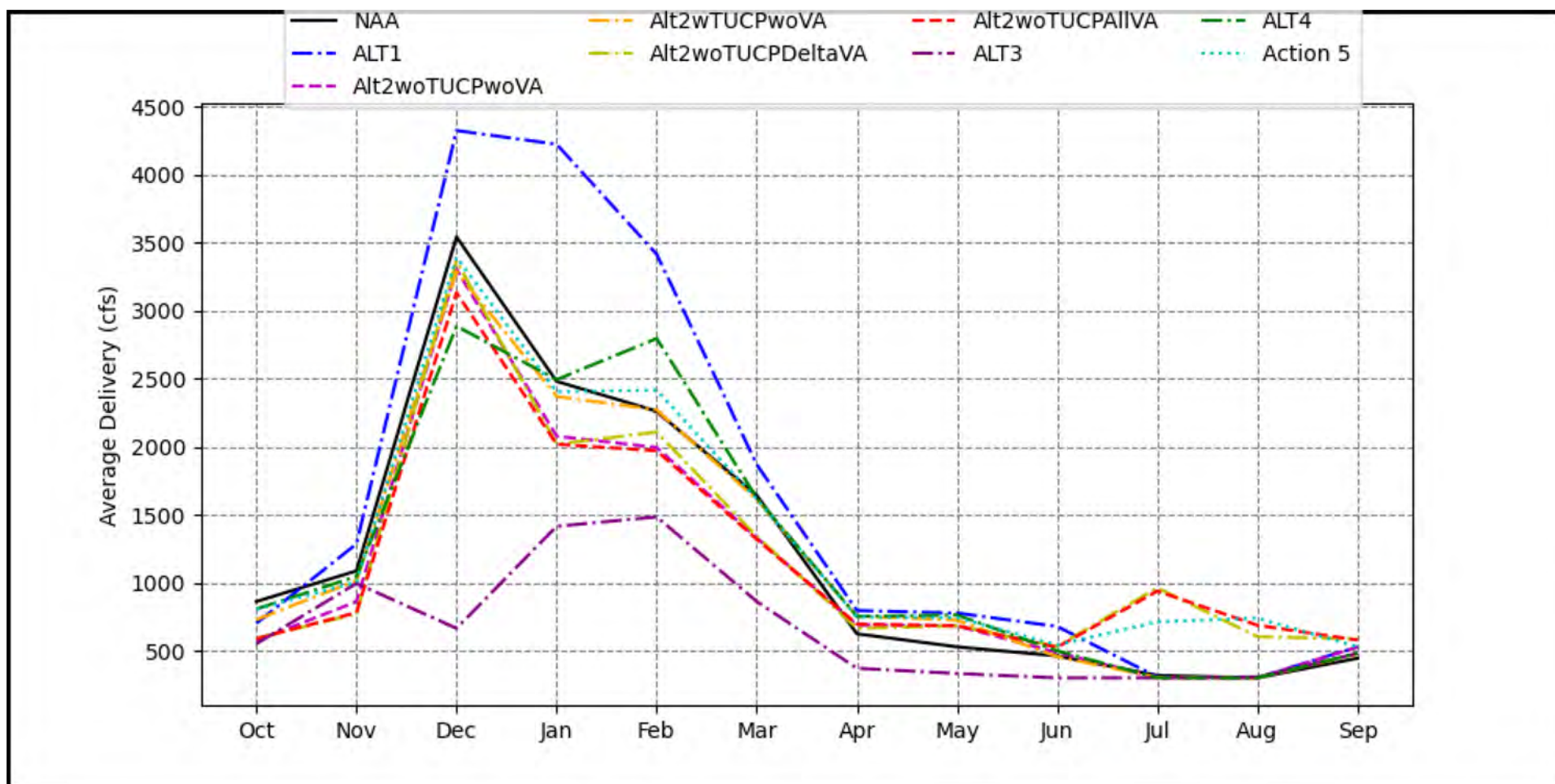


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-13-17 SWP Banks PP Exports, Dry Year Average Delivery (cfs)



*As defined by the 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 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-13-18 SWP Banks PP Exports, Critical Year Average Delivery (cfs)

F.2.3-14 DMC - CA Intertie Flow

Table F.2.3-14-1 a. DMC - CA Intertie Flow, NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	127	335	368	316	362	287	1	40	39	2	108	152
20% Exceedance	1	315	351	212	274	31	1	1	2	2	41	87
30% Exceedance	1	285	303	1	79	1	1	1	2	2	2	53
40% Exceedance	1	270	1	1	1	1	1	1	2	2	2	2
50% Exceedance	1	44	1	1	1	1	1	1	2	2	2	2
60% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
70% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
80% Exceedance	1	1	1	1	1	1	1	1	2	0	1	2
90% Exceedance	0	0	0	0	1	0	0	0	1	0	0	1
Full Simulation Period Average^a	28	150	124	72	91	53	6	9	8	9	28	43
Wet Years (27.7%)	65	267	150	163	135	73	11	23	22	2	20	40
Above Normal Years (13.9%)	19	246	191	119	148	106	17	1	5	15	79	2
Below Normal Years (17.8%)	21	91	131	52	62	23	1	1	2	16	59	90
Dry Years (23.8%)	14	90	69	1	56	39	1	7	2	15	1	64
Critical Years (15.8%)	1	0	75	0	48	26	1	1	1	1	1	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-1 b. DMC - CA Intertie Flow, ALT1, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	149	321	374	359	374	324	1	39	52	2	37	94
20% Exceedance	109	296	368	332	365	296	1	1	2	2	2	84
30% Exceedance	26	273	361	315	343	259	1	1	2	2	2	76
40% Exceedance	1	252	349	301	322	198	1	1	2	2	2	2
50% Exceedance	1	1	326	269	265	1	1	1	2	2	2	2
60% Exceedance	1	1	1	246	235	1	1	1	2	1	2	2
70% Exceedance	1	1	1	1	1	1	1	1	2	0	2	2
80% Exceedance	0	1	1	1	1	1	1	1	2	0	1	1
90% Exceedance	0	0	1	1	1	1	1	1	1	0	0	0
Full Simulation Period Average^a	43	125	205	203	210	133	8	8	9	6	11	37
Wet Years (27.7%)	93	233	229	266	209	115	19	22	22	2	17	67
Above Normal Years (13.9%)	52	128	230	303	286	148	1	1	11	1	18	41
Below Normal Years (17.8%)	36	90	262	219	185	161	14	1	5	16	21	36
Dry Years (23.8%)	13	108	162	127	230	181	1	6	2	8	1	25
Critical Years (15.8%)	1	1	127	98	142	48	1	1	1	1	1	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-1 c. DMC - CA Intertie Flow, ALT1 Minus NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	22	-14	6	43	12	37	0	-1	13	0	-71	-57
20% Exceedance	108	-19	16	120	91	265	0	0	0	0	-39	-2
30% Exceedance	25	-12	58	315	265	258	0	0	0	0	0	23
40% Exceedance	0	-18	348	300	322	197	0	0	0	0	0	0
50% Exceedance	0	-43	325	268	265	0	0	0	0	0	0	0
60% Exceedance	0	0	0	245	234	0	0	0	0	-1	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	-1	0	0
80% Exceedance	-1	0	0	0	0	0	0	0	0	0	-1	-1
90% Exceedance	0	0	0	0	0	0	0	0	1	0	0	-1
Full Simulation Period Average^a	15	-25	81	130	119	80	2	-1	2	-3	-16	-6
Wet Years (27.7%)	28	-34	79	103	74	42	8	-1	0	0	-3	26
Above Normal Years (13.9%)	33	-118	39	184	139	42	-16	0	6	-13	-61	39
Below Normal Years (17.8%)	14	-1	131	167	123	138	13	0	3	0	-38	-55
Dry Years (23.8%)	-1	18	93	127	173	142	0	-1	0	-7	0	-39
Critical Years (15.8%)	0	0	52	97	94	22	0	0	0	0	1	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-2 a. DMC - CA Intertie Flow, NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	127	335	368	316	362	287	1	40	39	2	108	152
20% Exceedance	1	315	351	212	274	31	1	1	2	2	41	87
30% Exceedance	1	285	303	1	79	1	1	1	2	2	2	53
40% Exceedance	1	270	1	1	1	1	1	1	2	2	2	2
50% Exceedance	1	44	1	1	1	1	1	1	2	2	2	2
60% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
70% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
80% Exceedance	1	1	1	1	1	1	1	1	2	0	1	2
90% Exceedance	0	0	0	0	1	0	0	0	1	0	0	1
Full Simulation Period Average^a	28	150	124	72	91	53	6	9	8	9	28	43
Wet Years (27.7%)	65	267	150	163	135	73	11	23	22	2	20	40
Above Normal Years (13.9%)	19	246	191	119	148	106	17	1	5	15	79	2
Below Normal Years (17.8%)	21	91	131	52	62	23	1	1	2	16	59	90
Dry Years (23.8%)	14	90	69	1	56	39	1	7	2	15	1	64
Critical Years (15.8%)	1	0	75	0	48	26	1	1	1	1	1	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-2 b. DMC - CA Intertie Flow, Alt2woTUCPwoVA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	125	332	364	316	373	291	3	49	37	25	96	157
20% Exceedance	1	313	341	133	315	227	1	1	2	2	48	87
30% Exceedance	1	289	189	1	98	1	1	1	2	2	16	76
40% Exceedance	1	270	1	1	1	1	1	1	2	2	2	2
50% Exceedance	1	240	1	1	1	1	1	1	2	2	2	2
60% Exceedance	1	1	1	1	1	1	1	1	2	2	2	2
70% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
80% Exceedance	1	1	1	1	1	1	1	1	2	0	1	1
90% Exceedance	1	0	0	0	0	1	1	1	1	0	1	1
Full Simulation Period Average^a	27	156	110	64	98	73	15	11	7	11	27	46
Wet Years (27.7%)	62	266	151	168	153	123	35	27	20	3	26	44
Above Normal Years (13.9%)	19	238	162	97	204	123	16	6	2	6	77	2
Below Normal Years (17.8%)	21	114	131	19	45	49	12	5	2	9	47	112
Dry Years (23.8%)	13	104	42	1	47	42	1	7	2	32	1	53
Critical Years (15.8%)	1	0	53	0	47	19	1	1	1	1	1	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-2 c. DMC - CA Intertie Flow, Alt2woTUCPwoVA Minus NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-2	-4	-4	0	11	3	2	9	-1	23	-12	6
20% Exceedance	0	-1	-11	-79	40	195	0	0	0	0	6	0
30% Exceedance	0	4	-114	0	19	0	0	0	0	0	14	23
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	196	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	1	0	1	1
Full Simulation Period Average^a	-1	6	-13	-8	7	20	9	2	-1	2	-1	2
Wet Years (27.7%)	-3	-1	1	5	18	49	24	3	-1	1	6	4
Above Normal Years (13.9%)	-1	-8	-29	-23	56	17	-1	4	-3	-9	-2	0
Below Normal Years (17.8%)	0	23	-1	-33	-17	26	11	4	0	-8	-13	22
Dry Years (23.8%)	0	14	-26	0	-9	3	0	1	0	18	0	-11
Critical Years (15.8%)	0	0	-23	0	-2	-7	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-3 a. DMC - CA Intertie Flow, NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	127	335	368	316	362	287	1	40	39	2	108	152
20% Exceedance	1	315	351	212	274	31	1	1	2	2	41	87
30% Exceedance	1	285	303	1	79	1	1	1	2	2	2	53
40% Exceedance	1	270	1	1	1	1	1	1	2	2	2	2
50% Exceedance	1	44	1	1	1	1	1	1	2	2	2	2
60% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
70% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
80% Exceedance	1	1	1	1	1	1	1	1	2	0	1	2
90% Exceedance	0	0	0	0	1	0	0	0	1	0	0	1
Full Simulation Period Average^a	28	150	124	72	91	53	6	9	8	9	28	43
Wet Years (27.7%)	65	267	150	163	135	73	11	23	22	2	20	40
Above Normal Years (13.9%)	19	246	191	119	148	106	17	1	5	15	79	2
Below Normal Years (17.8%)	21	91	131	52	62	23	1	1	2	16	59	90
Dry Years (23.8%)	14	90	69	1	56	39	1	7	2	15	1	64
Critical Years (15.8%)	1	0	75	0	48	26	1	1	1	1	1	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-3 b. DMC - CA Intertie Flow, Alt2wTUCPwoVA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	125	332	364	316	373	290	3	49	37	9	99	166
20% Exceedance	1	312	341	133	315	227	1	1	2	2	48	92
30% Exceedance	1	287	193	1	106	1	1	1	2	2	16	76
40% Exceedance	1	269	1	1	1	1	1	1	2	2	2	2
50% Exceedance	1	186	1	1	1	1	1	1	2	2	2	2
60% Exceedance	1	1	1	1	1	1	1	1	2	2	2	2
70% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
80% Exceedance	1	1	1	1	1	1	1	1	2	0	1	1
90% Exceedance	0	0	0	0	0	0	0	0	1	0	0	1
Full Simulation Period Average^a	27	154	110	64	99	73	14	11	7	11	27	47
Wet Years (27.7%)	62	266	151	168	155	123	35	27	20	3	26	44
Above Normal Years (13.9%)	19	219	162	96	204	123	16	6	2	6	83	2
Below Normal Years (17.8%)	21	113	132	19	45	46	9	5	2	9	40	117
Dry Years (23.8%)	13	105	42	1	47	41	1	7	2	31	1	56
Critical Years (15.8%)	1	0	52	0	47	18	0	1	1	1	1	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-3 c. DMC - CA Intertie Flow, Alt2wTUCPwoVA Minus NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-2	-4	-4	0	11	3	2	9	-1	7	-9	15
20% Exceedance	0	-3	-11	-79	40	195	0	0	0	0	6	5
30% Exceedance	0	2	-110	0	27	0	0	0	0	0	14	23
40% Exceedance	0	-1	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	142	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	-1	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average^a	-1	3	-13	-8	8	20	8	2	-1	1	-1	4
Wet Years (27.7%)	-3	-1	1	4	20	49	24	3	-1	1	6	4
Above Normal Years (13.9%)	-1	-27	-28	-23	56	17	-1	4	-3	-9	4	0
Below Normal Years (17.8%)	0	22	1	-34	-17	23	8	4	0	-8	-19	27
Dry Years (23.8%)	0	15	-26	0	-9	3	0	0	0	16	0	-8
Critical Years (15.8%)	0	0	-23	0	-2	-7	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-4 a. DMC - CA Intertie Flow, NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	127	335	368	316	362	287	1	40	39	2	108	152
20% Exceedance	1	315	351	212	274	31	1	1	2	2	41	87
30% Exceedance	1	285	303	1	79	1	1	1	2	2	2	53
40% Exceedance	1	270	1	1	1	1	1	1	2	2	2	2
50% Exceedance	1	44	1	1	1	1	1	1	2	2	2	2
60% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
70% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
80% Exceedance	1	1	1	1	1	1	1	1	2	0	1	2
90% Exceedance	0	0	0	0	1	0	0	0	1	0	0	1
Full Simulation Period Average^a	28	150	124	72	91	53	6	9	8	9	28	43
Wet Years (27.7%)	65	267	150	163	135	73	11	23	22	2	20	40
Above Normal Years (13.9%)	19	246	191	119	148	106	17	1	5	15	79	2
Below Normal Years (17.8%)	21	91	131	52	62	23	1	1	2	16	59	90
Dry Years (23.8%)	14	90	69	1	56	39	1	7	2	15	1	64
Critical Years (15.8%)	1	0	75	0	48	26	1	1	1	1	1	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-4 b. DMC - CA Intertie Flow, Alt2woTUCPDeltaVA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	125	333	366	316	373	243	1	44	36	9	105	155
20% Exceedance	1	314	346	133	315	1	1	1	2	2	48	86
30% Exceedance	1	289	210	1	94	1	1	1	2	2	24	75
40% Exceedance	1	270	1	1	1	1	1	1	2	2	2	2
50% Exceedance	1	240	1	1	1	1	1	1	2	2	2	2
60% Exceedance	1	1	1	1	1	1	1	1	2	2	2	2
70% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
80% Exceedance	1	1	1	1	1	1	1	1	2	0	1	1
90% Exceedance	1	0	0	0	0	1	1	1	1	0	1	1
Full Simulation Period Average^a	27	157	115	66	98	43	3	10	7	11	30	44
Wet Years (27.7%)	62	266	147	174	162	120	1	24	20	3	27	44
Above Normal Years (13.9%)	18	238	157	96	204	18	1	3	4	6	84	2
Below Normal Years (17.8%)	21	123	132	21	46	1	14	5	2	8	52	106
Dry Years (23.8%)	13	99	53	1	47	12	1	9	2	30	5	53
Critical Years (15.8%)	1	0	77	1	24	27	1	1	1	1	1	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-4 c. DMC - CA Intertie Flow, Alt2woTUCPDeltaVA Minus NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-2	-2	-2	0	11	-44	0	4	-3	8	-3	3
20% Exceedance	0	0	-6	-79	40	-31	0	0	0	0	7	-1
30% Exceedance	0	4	-93	0	15	0	0	0	0	0	22	22
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	196	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	1	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	1	0	1	1
Full Simulation Period Average^a	-1	6	-9	-6	7	-9	-3	2	-1	1	2	1
Wet Years (27.7%)	-3	-1	-3	10	27	46	-10	0	-2	2	7	4
Above Normal Years (13.9%)	-1	-9	-34	-23	56	-88	-16	1	-1	-9	5	0
Below Normal Years (17.8%)	0	32	0	-32	-16	-22	13	4	0	-8	-7	15
Dry Years (23.8%)	0	9	-16	0	-9	-27	0	3	0	15	4	-11
Critical Years (15.8%)	0	0	2	0	-24	1	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-5 a. DMC - CA Intertie Flow, NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	127	335	368	316	362	287	1	40	39	2	108	152
20% Exceedance	1	315	351	212	274	31	1	1	2	2	41	87
30% Exceedance	1	285	303	1	79	1	1	1	2	2	2	53
40% Exceedance	1	270	1	1	1	1	1	1	2	2	2	2
50% Exceedance	1	44	1	1	1	1	1	1	2	2	2	2
60% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
70% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
80% Exceedance	1	1	1	1	1	1	1	1	2	0	1	2
90% Exceedance	0	0	0	0	1	0	0	0	1	0	0	1
Full Simulation Period Average^a	28	150	124	72	91	53	6	9	8	9	28	43
Wet Years (27.7%)	65	267	150	163	135	73	11	23	22	2	20	40
Above Normal Years (13.9%)	19	246	191	119	148	106	17	1	5	15	79	2
Below Normal Years (17.8%)	21	91	131	52	62	23	1	1	2	16	59	90
Dry Years (23.8%)	14	90	69	1	56	39	1	7	2	15	1	64
Critical Years (15.8%)	1	0	75	0	48	26	1	1	1	1	1	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-5 b. DMC - CA Intertie Flow, Alt2woTUCPAIIVA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	125	328	364	316	373	249	1	48	37	34	105	169
20% Exceedance	1	314	341	133	325	1	1	1	2	2	49	92
30% Exceedance	1	285	178	1	95	1	1	1	2	2	27	76
40% Exceedance	1	268	1	1	1	1	1	1	2	2	2	2
50% Exceedance	1	237	1	1	1	1	1	1	2	2	2	2
60% Exceedance	1	1	1	1	1	1	1	1	2	2	2	2
70% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
80% Exceedance	1	1	1	1	1	1	1	1	2	0	1	1
90% Exceedance	1	0	0	0	0	1	1	1	1	0	1	1
Full Simulation Period Average^a	27	155	109	66	100	44	3	11	7	13	30	47
Wet Years (27.7%)	62	266	151	174	159	115	1	27	20	3	26	44
Above Normal Years (13.9%)	18	236	157	96	204	18	1	3	2	6	86	2
Below Normal Years (17.8%)	21	115	132	20	46	19	12	5	2	13	52	118
Dry Years (23.8%)	13	99	41	1	47	12	1	7	2	36	3	56
Critical Years (15.8%)	1	0	53	0	47	16	1	1	1	1	1	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-5 c. DMC - CA Intertie Flow, Alt2woTUCPAIIVA Minus NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-2	-7	-4	0	11	-38	0	8	-1	32	-3	17
20% Exceedance	0	-1	-11	-79	51	-31	0	0	0	0	7	5
30% Exceedance	0	0	-125	0	17	0	0	0	0	0	25	23
40% Exceedance	0	-2	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	193	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	1	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	1	0	1	1
Full Simulation Period Average^a	-1	5	-14	-6	9	-9	-3	2	-1	4	2	4
Wet Years (27.7%)	-3	-1	1	10	24	41	-10	3	-1	1	7	4
Above Normal Years (13.9%)	-1	-10	-34	-23	56	-88	-16	1	-3	-9	7	0
Below Normal Years (17.8%)	0	24	1	-33	-16	-4	11	4	0	-3	-7	27
Dry Years (23.8%)	-1	9	-28	0	-9	-27	0	1	0	21	2	-7
Critical Years (15.8%)	0	0	-23	0	-1	-9	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-6 a. DMC - CA Intertie Flow, NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	127	335	368	316	362	287	1	40	39	2	108	152
20% Exceedance	1	315	351	212	274	31	1	1	2	2	41	87
30% Exceedance	1	285	303	1	79	1	1	1	2	2	2	53
40% Exceedance	1	270	1	1	1	1	1	1	2	2	2	2
50% Exceedance	1	44	1	1	1	1	1	1	2	2	2	2
60% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
70% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
80% Exceedance	1	1	1	1	1	1	1	1	2	0	1	2
90% Exceedance	0	0	0	0	1	0	0	0	1	0	0	1
Full Simulation Period Average^a	28	150	124	72	91	53	6	9	8	9	28	43
Wet Years (27.7%)	65	267	150	163	135	73	11	23	22	2	20	40
Above Normal Years (13.9%)	19	246	191	119	148	106	17	1	5	15	79	2
Below Normal Years (17.8%)	21	91	131	52	62	23	1	1	2	16	59	90
Dry Years (23.8%)	14	90	69	1	56	39	1	7	2	15	1	64
Critical Years (15.8%)	1	0	75	0	48	26	1	1	1	1	1	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-6 b. DMC - CA Intertie Flow, ALT3, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	209	371	1	360	383	374	1	1	71	2	2	177
20% Exceedance	1	127	1	281	378	167	1	1	2	2	2	2
30% Exceedance	1	1	1	1	145	1	1	1	2	2	2	2
40% Exceedance	1	1	1	1	1	1	1	1	2	2	2	2
50% Exceedance	1	1	1	1	0	0	1	1	1	1	1	1
60% Exceedance	1	1	0	1	0	0	1	1	1	1	1	1
70% Exceedance	0	0	0	0	0	0	0	0	1	1	1	1
80% Exceedance	0	0	0	0	0	0	0	0	1	1	1	1
90% Exceedance	0	0	0	0	0	0	0	0	1	1	1	1
Full Simulation Period Average^a	38	74	34	78	110	76	1	3	18	7	13	37
Wet Years (27.7%)	56	107	41	188	140	103	1	1	55	21	29	72
Above Normal Years (13.9%)	28	52	55	134	191	161	1	1	17	1	5	1
Below Normal Years (17.8%)	57	114	21	22	73	97	1	11	1	1	22	51
Dry Years (23.8%)	33	68	44	4	102	30	1	1	1	1	1	32
Critical Years (15.8%)	0	0	0	12	42	0	0	0	1	1	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-6 c. DMC - CA Intertie Flow, ALT3 Minus NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	82	36	-367	44	21	87	0	-39	32	0	-106	25
20% Exceedance	0	-188	-351	69	104	135	0	0	0	0	-39	-85
30% Exceedance	0	-284	-302	0	67	0	0	0	0	0	0	-52
40% Exceedance	0	-269	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	-43	0	0	0	-1	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	-1	0	0	-1	0	-1	-1
70% Exceedance	-1	0	0	0	0	-1	-1	-1	-1	0	-1	-1
80% Exceedance	-1	0	0	0	0	0	-1	-1	-1	1	-1	-1
90% Exceedance	0	0	0	0	0	0	0	0	0	1	1	0
Full Simulation Period Average^a	9	-76	-90	6	19	23	-5	-6	11	-2	-14	-6
Wet Years (27.7%)	-9	-160	-109	25	5	29	-10	-22	34	19	10	31
Above Normal Years (13.9%)	8	-194	-136	15	43	55	-16	0	12	-13	-74	0
Below Normal Years (17.8%)	35	23	-110	-31	11	74	0	10	-1	-15	-37	-39
Dry Years (23.8%)	19	-23	-25	3	46	-8	0	-6	-1	-14	0	-32
Critical Years (15.8%)	0	0	-75	11	-7	-26	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-7 a. DMC - CA Intertie Flow, NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	127	335	368	316	362	287	1	40	39	2	108	152
20% Exceedance	1	315	351	212	274	31	1	1	2	2	41	87
30% Exceedance	1	285	303	1	79	1	1	1	2	2	2	53
40% Exceedance	1	270	1	1	1	1	1	1	2	2	2	2
50% Exceedance	1	44	1	1	1	1	1	1	2	2	2	2
60% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
70% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
80% Exceedance	1	1	1	1	1	1	1	1	2	0	1	2
90% Exceedance	0	0	0	0	1	0	0	0	1	0	0	1
Full Simulation Period Average^a	28	150	124	72	91	53	6	9	8	9	28	43
Wet Years (27.7%)	65	267	150	163	135	73	11	23	22	2	20	40
Above Normal Years (13.9%)	19	246	191	119	148	106	17	1	5	15	79	2
Below Normal Years (17.8%)	21	91	131	52	62	23	1	1	2	16	59	90
Dry Years (23.8%)	14	90	69	1	56	39	1	7	2	15	1	64
Critical Years (15.8%)	1	0	75	0	48	26	1	1	1	1	1	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-7 b. DMC - CA Intertie Flow, ALT4, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	133	334	360	312	374	294	28	49	37	2	90	150
20% Exceedance	97	308	142	131	353	227	1	1	2	2	48	95
30% Exceedance	1	286	1	1	313	29	1	1	2	2	33	82
40% Exceedance	1	272	1	1	158	1	1	1	2	2	2	31
50% Exceedance	1	219	1	1	12	1	1	1	2	2	2	2
60% Exceedance	1	1	1	1	1	1	1	1	2	2	2	2
70% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
80% Exceedance	1	1	1	1	1	1	1	1	2	0	1	1
90% Exceedance	0	0	0	0	0	0	0	0	1	0	0	1
Full Simulation Period Average^a	33	155	72	63	142	77	17	11	7	7	29	52
Wet Years (27.7%)	78	273	96	151	168	137	48	27	21	2	31	57
Above Normal Years (13.9%)	28	225	105	110	213	126	16	6	2	10	97	8
Below Normal Years (17.8%)	20	108	61	11	100	43	7	5	2	8	35	89
Dry Years (23.8%)	13	102	48	13	142	39	1	5	2	15	1	78
Critical Years (15.8%)	1	0	34	0	82	25	0	1	1	1	1	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-7 c. DMC - CA Intertie Flow, ALT4 Minus NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	7	-1	-8	-4	12	7	27	9	-1	0	-19	-1
20% Exceedance	96	-6	-210	-81	78	196	0	0	0	0	7	8
30% Exceedance	0	1	-302	0	234	28	0	0	0	0	31	29
40% Exceedance	0	2	0	0	157	0	0	0	0	0	0	30
50% Exceedance	0	175	0	0	11	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	-1	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average^a	5	5	-51	-9	51	24	11	2	-1	-2	1	9
Wet Years (27.7%)	14	7	-54	-13	34	64	37	3	-1	0	12	16
Above Normal Years (13.9%)	9	-22	-86	-9	65	21	-1	4	-3	-5	18	7
Below Normal Years (17.8%)	-1	17	-70	-41	38	20	6	4	0	-9	-24	-1
Dry Years (23.8%)	0	12	-21	12	86	1	0	-1	0	0	0	15
Critical Years (15.8%)	0	0	-41	0	34	-1	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-8 a. DMC - CA Intertie Flow, NAA, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	127	335	368	316	362	287	1	40	39	2	108	152
20% Exceedance	1	315	351	212	274	31	1	1	2	2	41	87
30% Exceedance	1	285	303	1	79	1	1	1	2	2	2	53
40% Exceedance	1	270	1	1	1	1	1	1	2	2	2	2
50% Exceedance	1	44	1	1	1	1	1	1	2	2	2	2
60% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
70% Exceedance	1	1	1	1	1	1	1	1	2	1	2	2
80% Exceedance	1	1	1	1	1	1	1	1	2	0	1	2
90% Exceedance	0	0	0	0	1	0	0	0	1	0	0	1
Full Simulation Period Average^a	28	150	124	72	91	53	6	9	8	9	28	43
Wet Years (27.7%)	65	267	150	163	135	73	11	23	22	2	20	40
Above Normal Years (13.9%)	19	246	191	119	148	106	17	1	5	15	79	2
Below Normal Years (17.8%)	21	91	131	52	62	23	1	1	2	16	59	90
Dry Years (23.8%)	14	90	69	1	56	39	1	7	2	15	1	64
Critical Years (15.8%)	1	0	75	0	48	26	1	1	1	1	1	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-8 b. DMC - CA Intertie Flow, Action 5, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	143	324	364	323	373	201	1	44	37	3	87	144
20% Exceedance	109	299	346	293	345	6	1	1	2	2	49	105
30% Exceedance	1	278	136	181	270	1	1	1	2	2	34	88
40% Exceedance	1	260	1	1	128	1	1	1	2	2	2	82
50% Exceedance	1	1	1	1	1	1	1	1	2	2	2	76
60% Exceedance	1	1	1	1	1	1	1	1	2	2	2	2
70% Exceedance	1	1	1	1	1	1	1	1	2	1	1	2
80% Exceedance	0	1	1	1	1	1	1	1	2	0	0	1
90% Exceedance	0	0	0	1	0	0	0	1	1	0	0	1
Full Simulation Period Average^a	41	135	103	97	130	38	1	9	7	8	29	64
Wet Years (27.7%)	85	226	133	210	175	92	1	24	22	2	28	80
Above Normal Years (13.9%)	59	147	123	168	223	17	1	6	2	4	81	73
Below Normal Years (17.8%)	34	100	133	62	125	1	2	1	2	7	53	90
Dry Years (23.8%)	13	127	41	16	73	18	1	5	2	23	1	61
Critical Years (15.8%)	1	1	76	0	61	34	0	1	1	0	1	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.3-14-8 c. DMC - CA Intertie Flow, Action 5 Minus NAA, Monthly Flow (cfs)

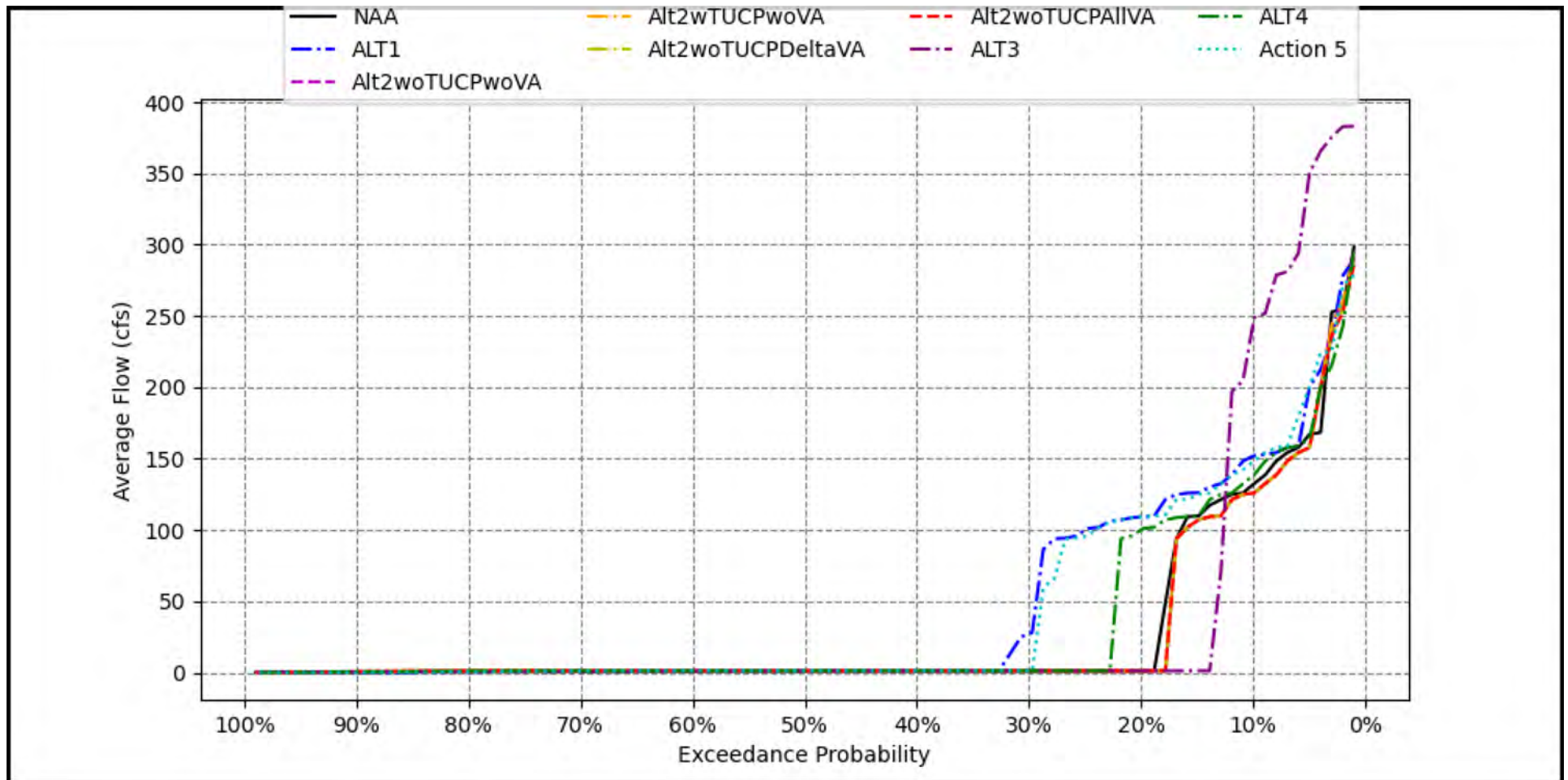
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	16	-11	-4	7	11	-86	0	4	-1	1	-22	-7
20% Exceedance	108	-15	-6	81	70	-26	0	0	0	0	8	18
30% Exceedance	0	-7	-166	181	191	0	0	0	0	0	33	35
40% Exceedance	0	-9	0	0	128	0	0	0	0	0	0	80
50% Exceedance	0	-43	0	0	0	0	0	0	0	0	0	75
60% Exceedance	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	-1	0	0	0	0	0	0	0	0	0	-1	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average^a	13	-15	-20	25	39	-15	-5	0	0	-1	2	21
Wet Years (27.7%)	20	-41	-17	47	40	19	-10	1	0	0	8	40
Above Normal Years (13.9%)	40	-99	-68	48	75	-89	-16	4	-3	-11	2	71
Below Normal Years (17.8%)	13	9	2	9	63	-22	1	0	0	-9	-6	0
Dry Years (23.8%)	-1	37	-28	16	17	-20	0	-2	0	8	0	-2
Critical Years (15.8%)	0	0	1	0	13	8	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

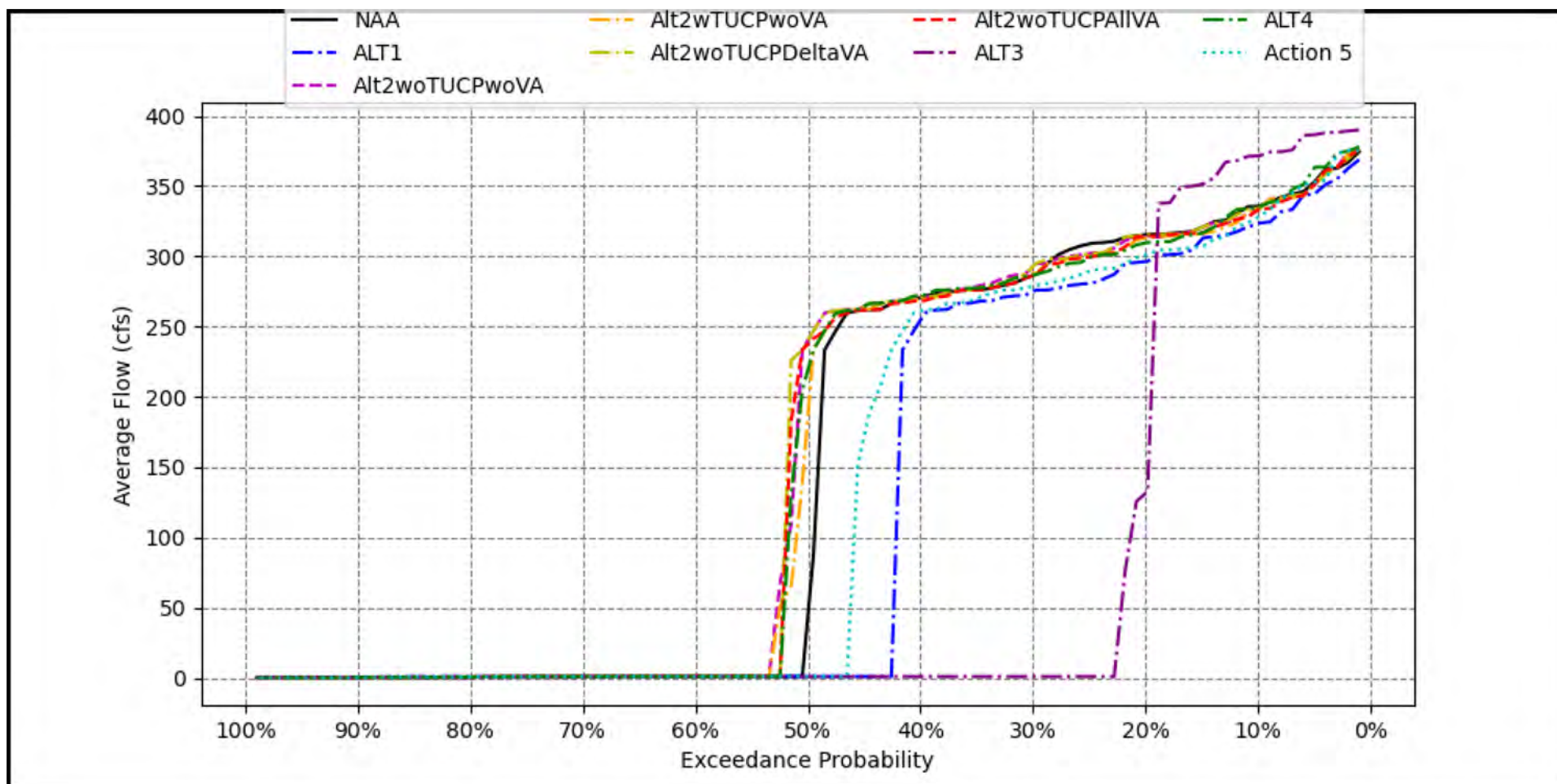
* Water Year Types defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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



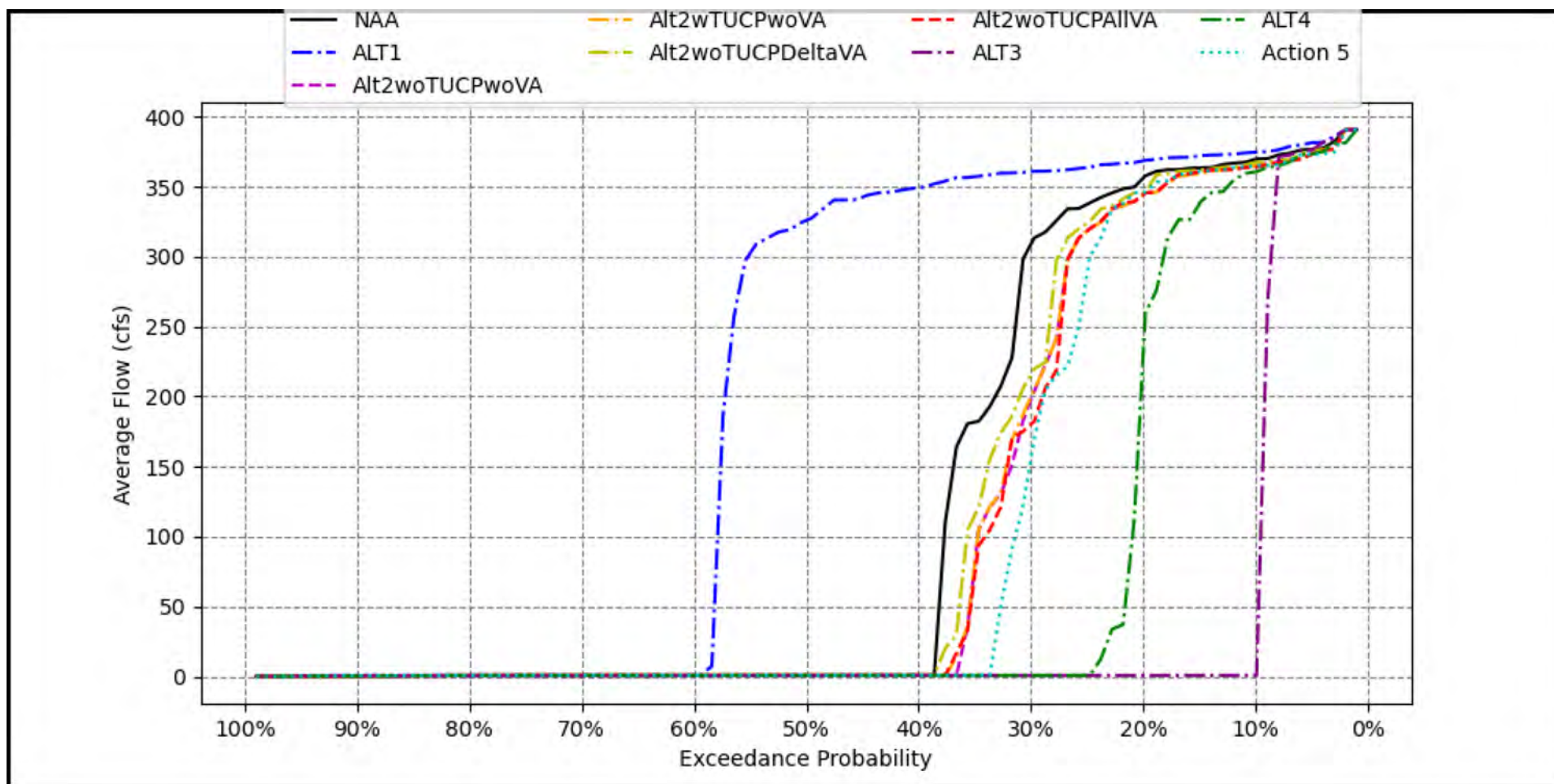
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-14-1 DMC - CA Intertie Flow, October Flow



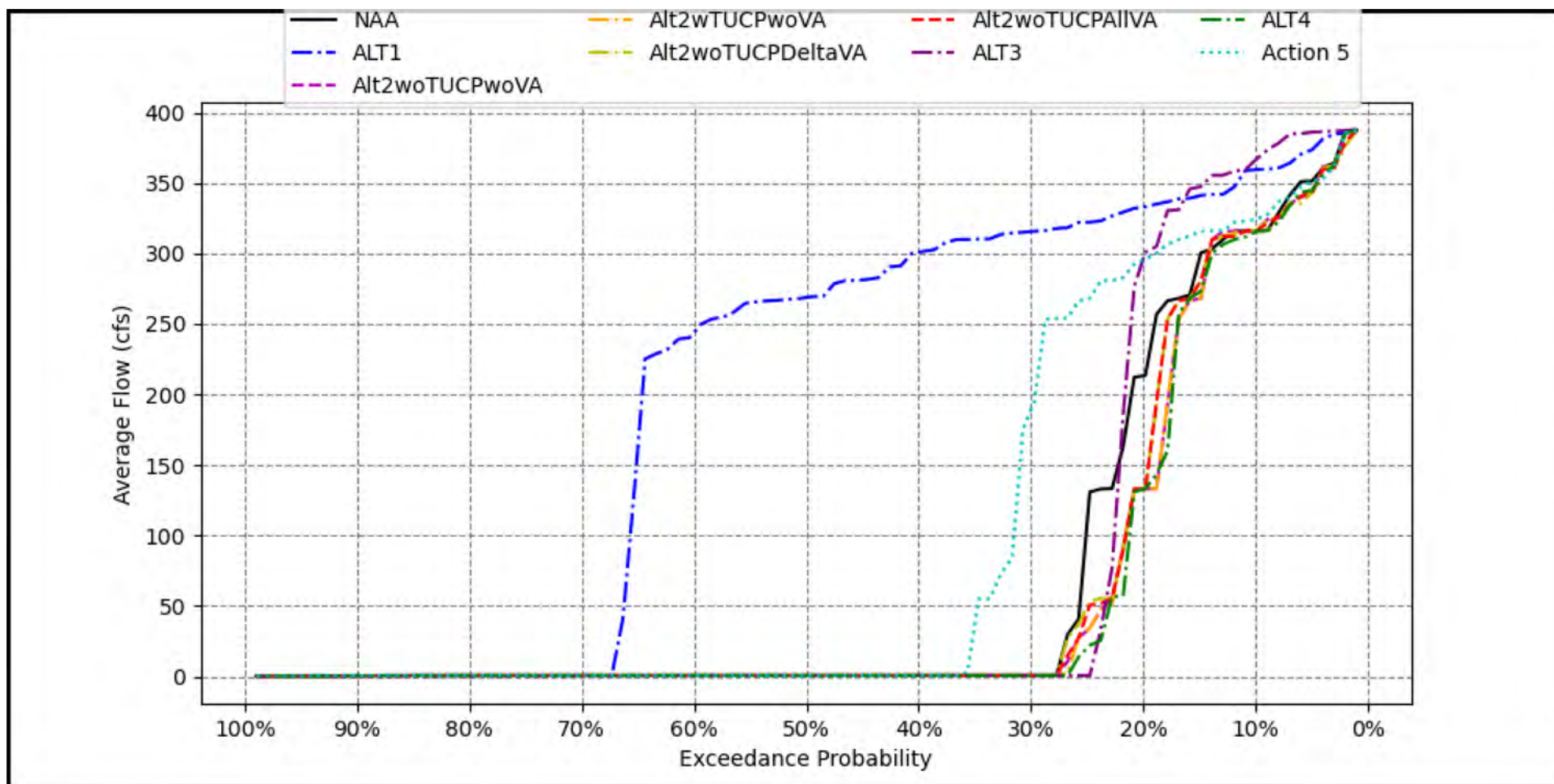
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-14-2 DMC - CA Intertie Flow, November Flow



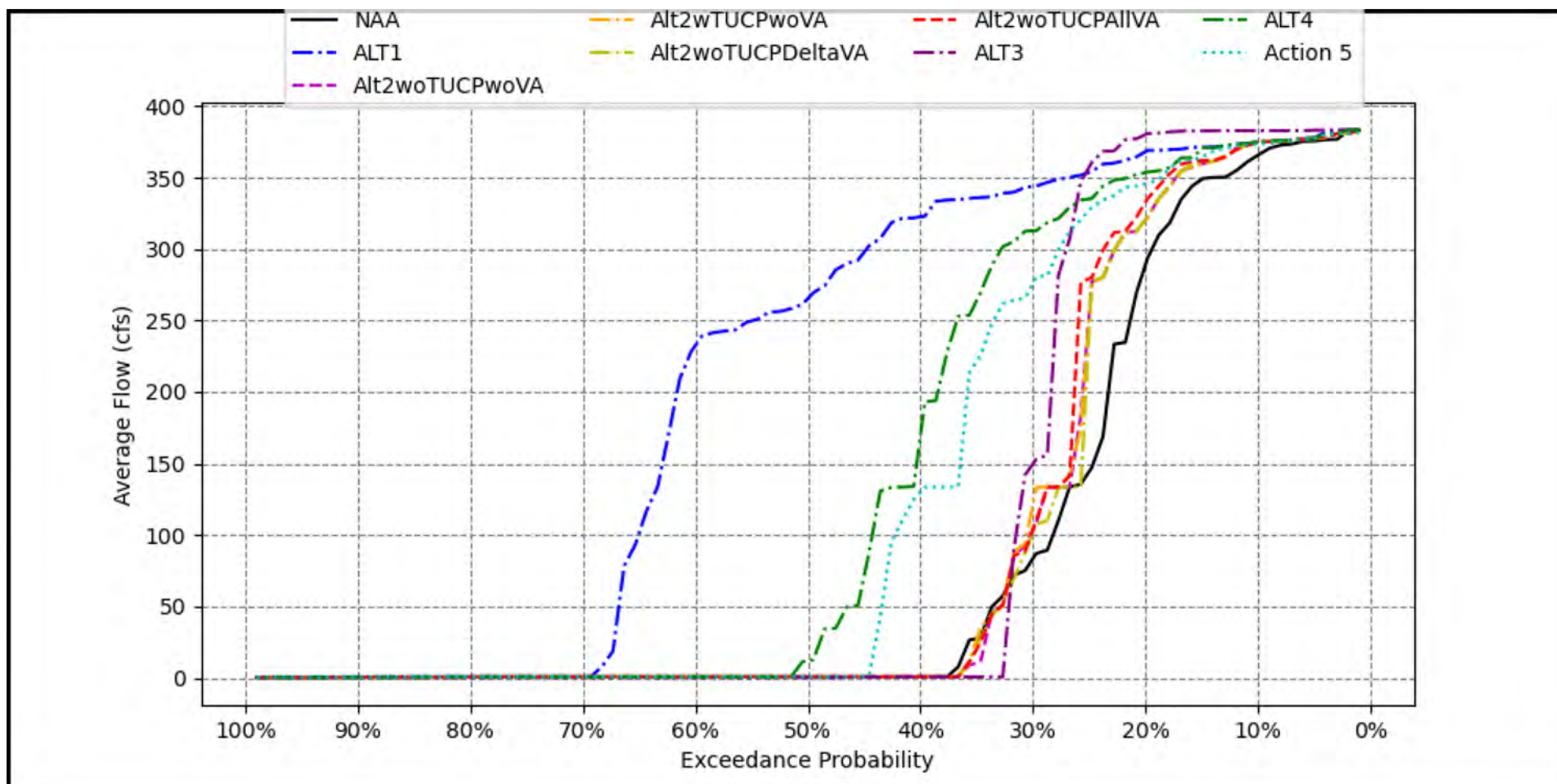
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-14-3 DMC - CA Intertie Flow, December Flow



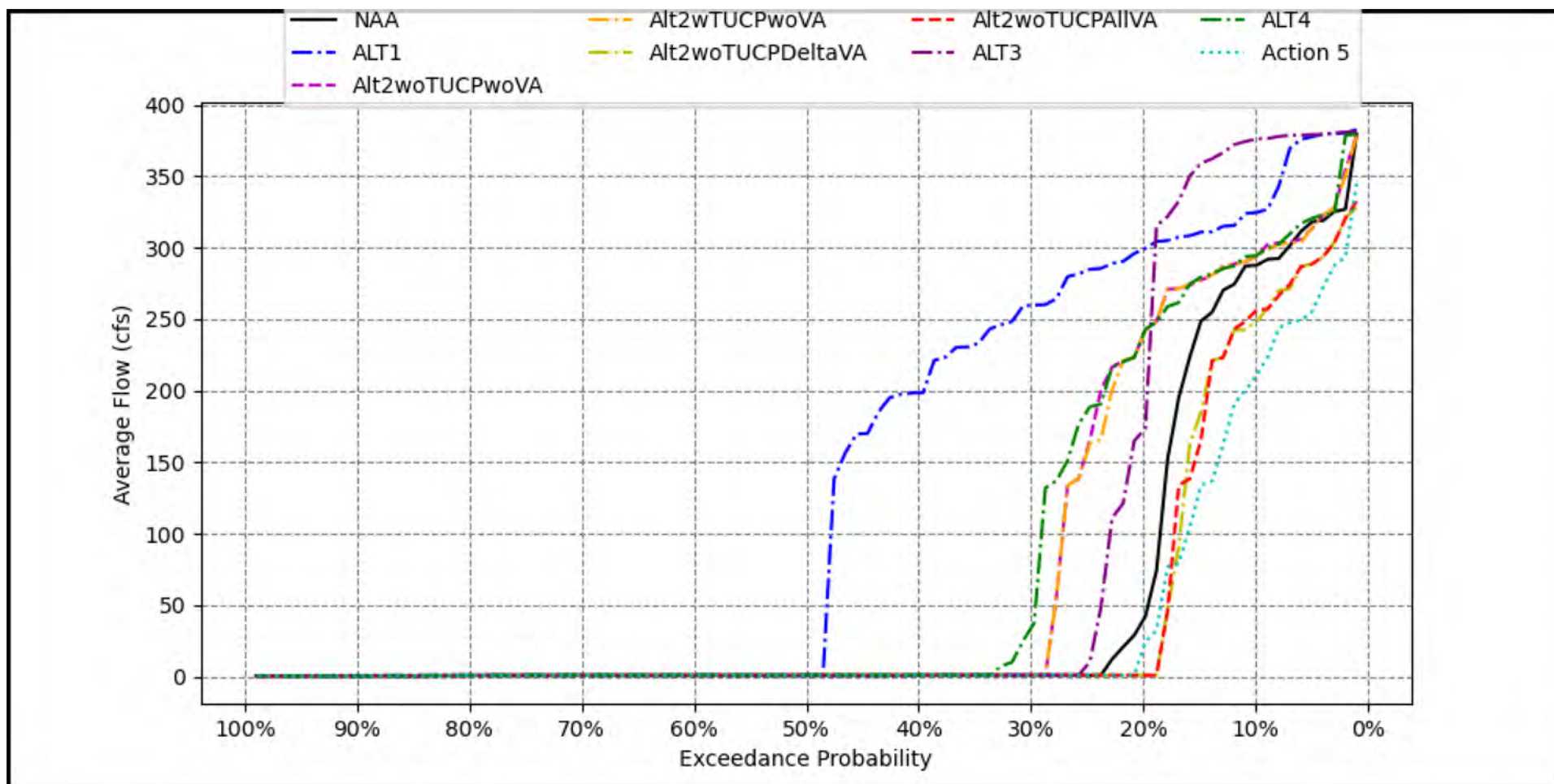
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-14-4 DMC - CA Intertie Flow, January Flow



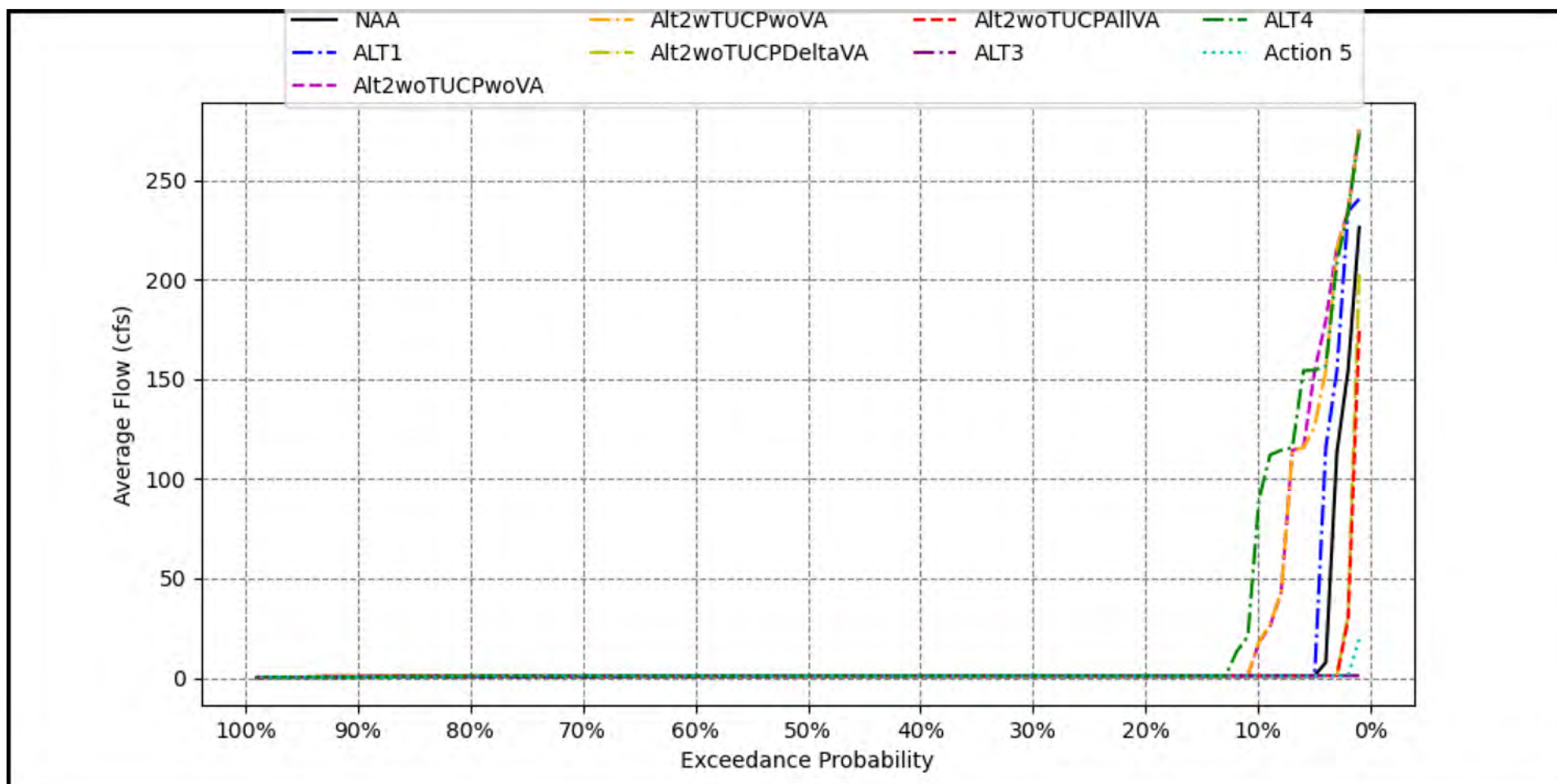
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-14-5 DMC - CA Intertie Flow, February Flow



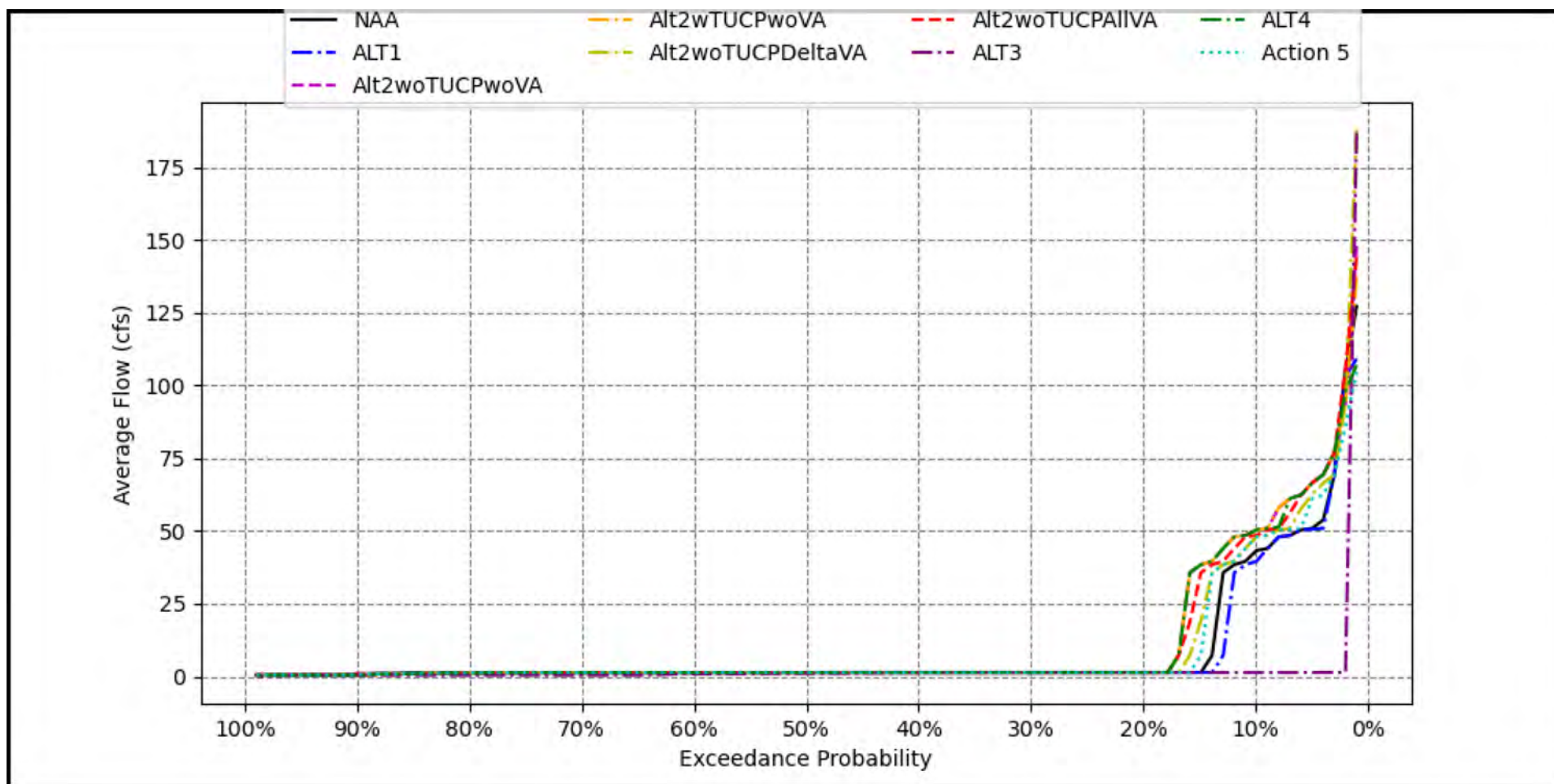
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-14-6 DMC - CA Intertie Flow, March Flow



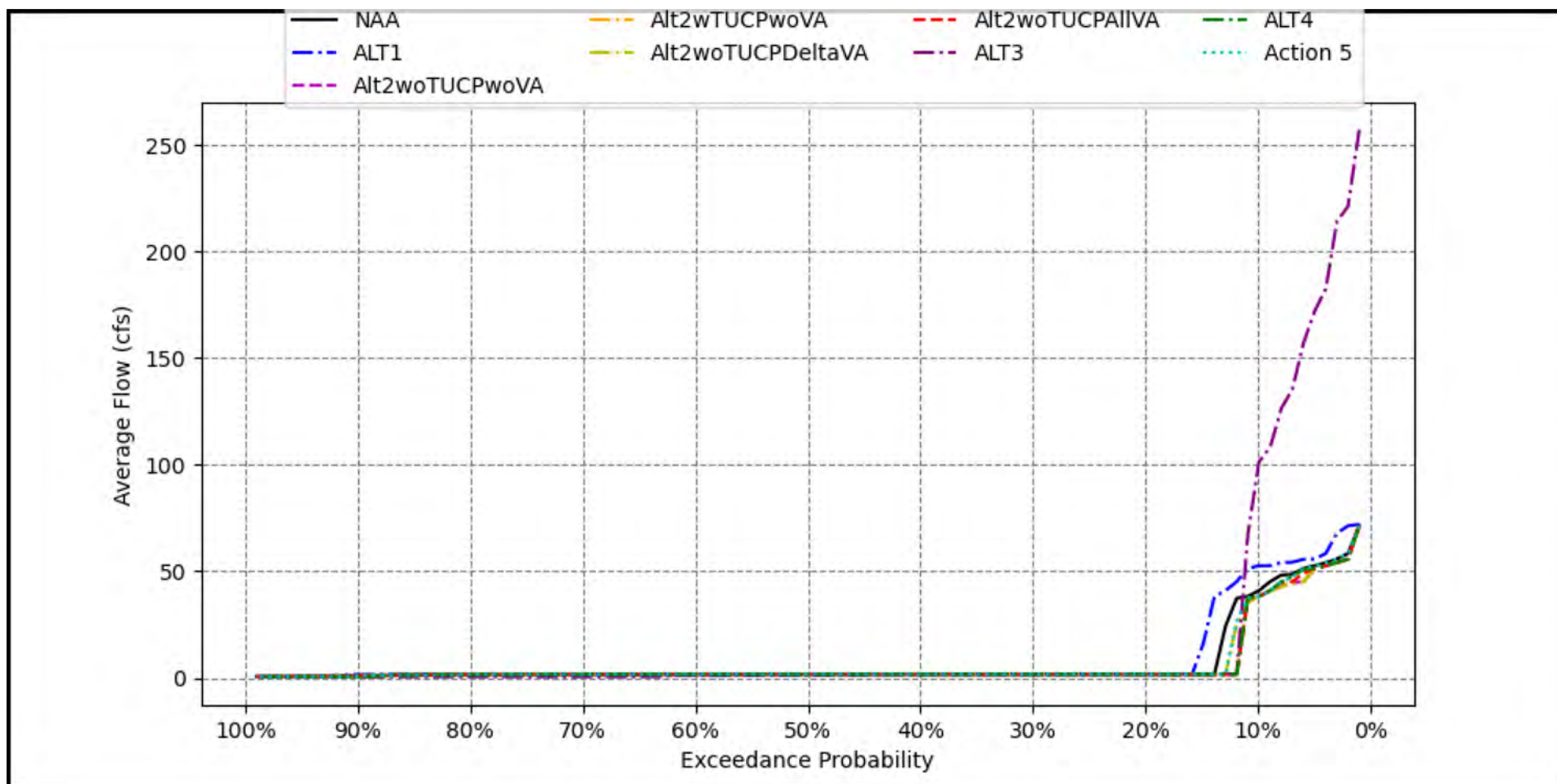
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-14-7 DMC - CA Intertie Flow, April Flow



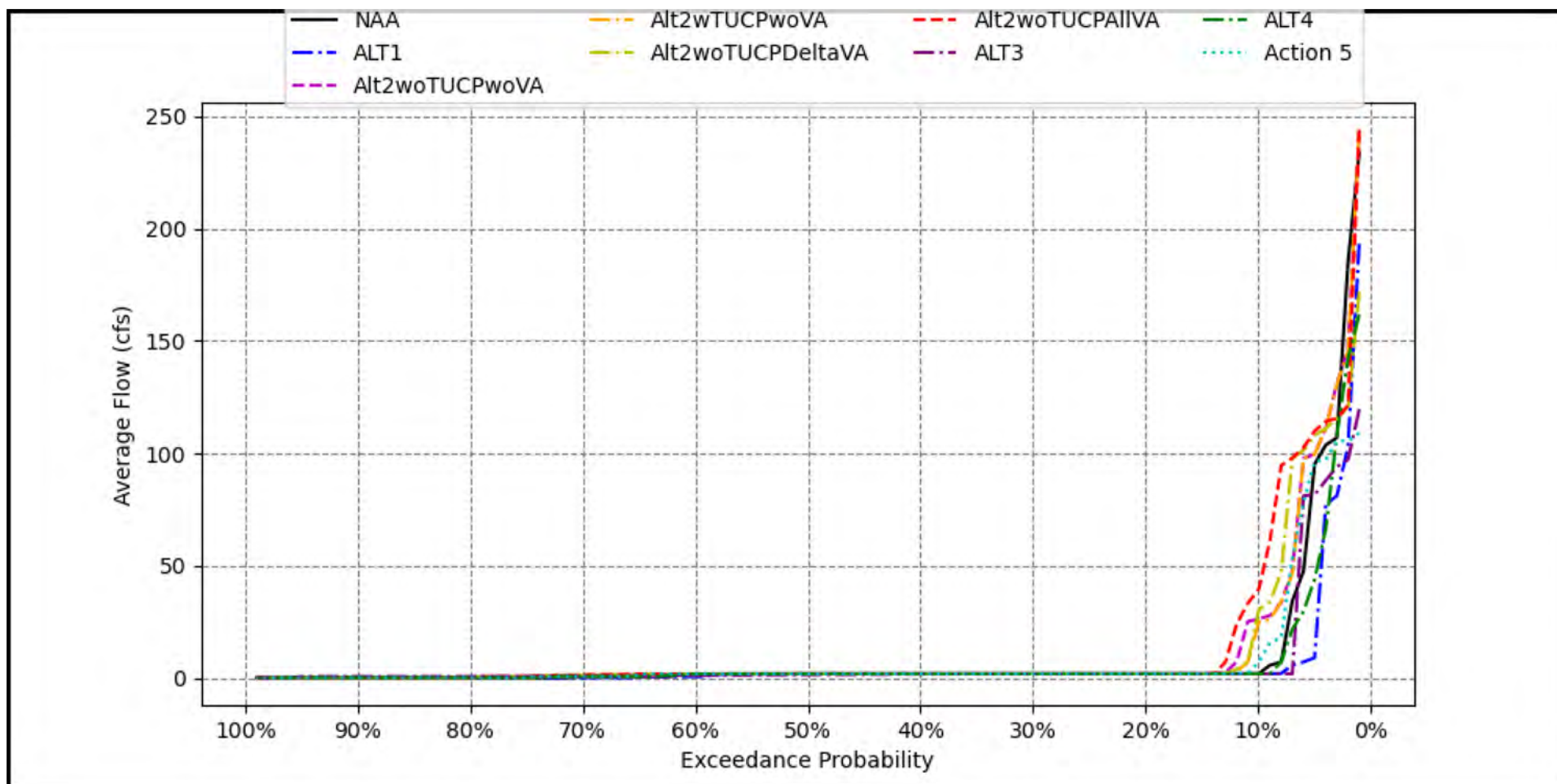
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-14-8 DMC - CA Intertie Flow, May Flow



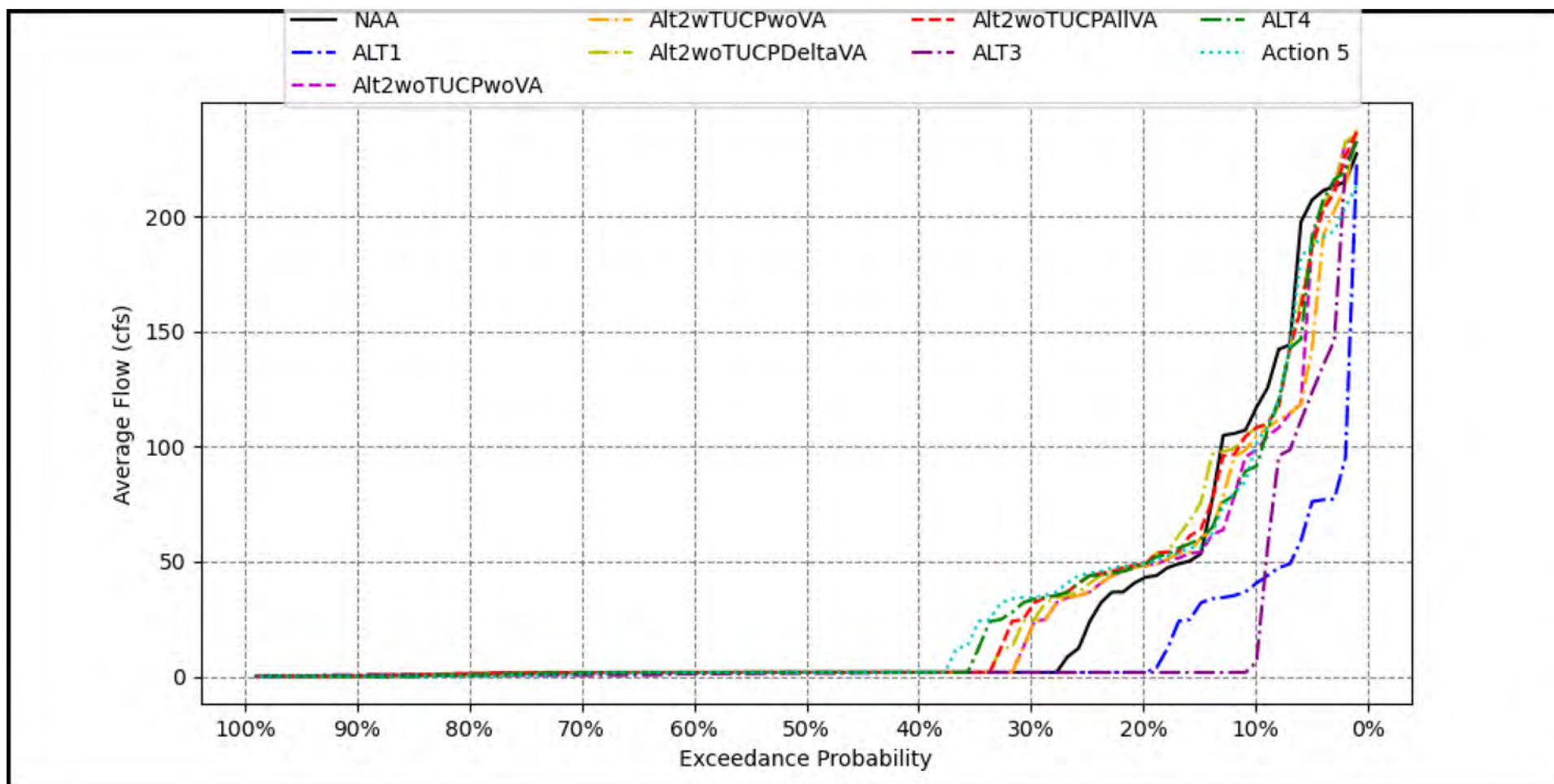
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-14-9 DMC - CA Intertie Flow, June Flow



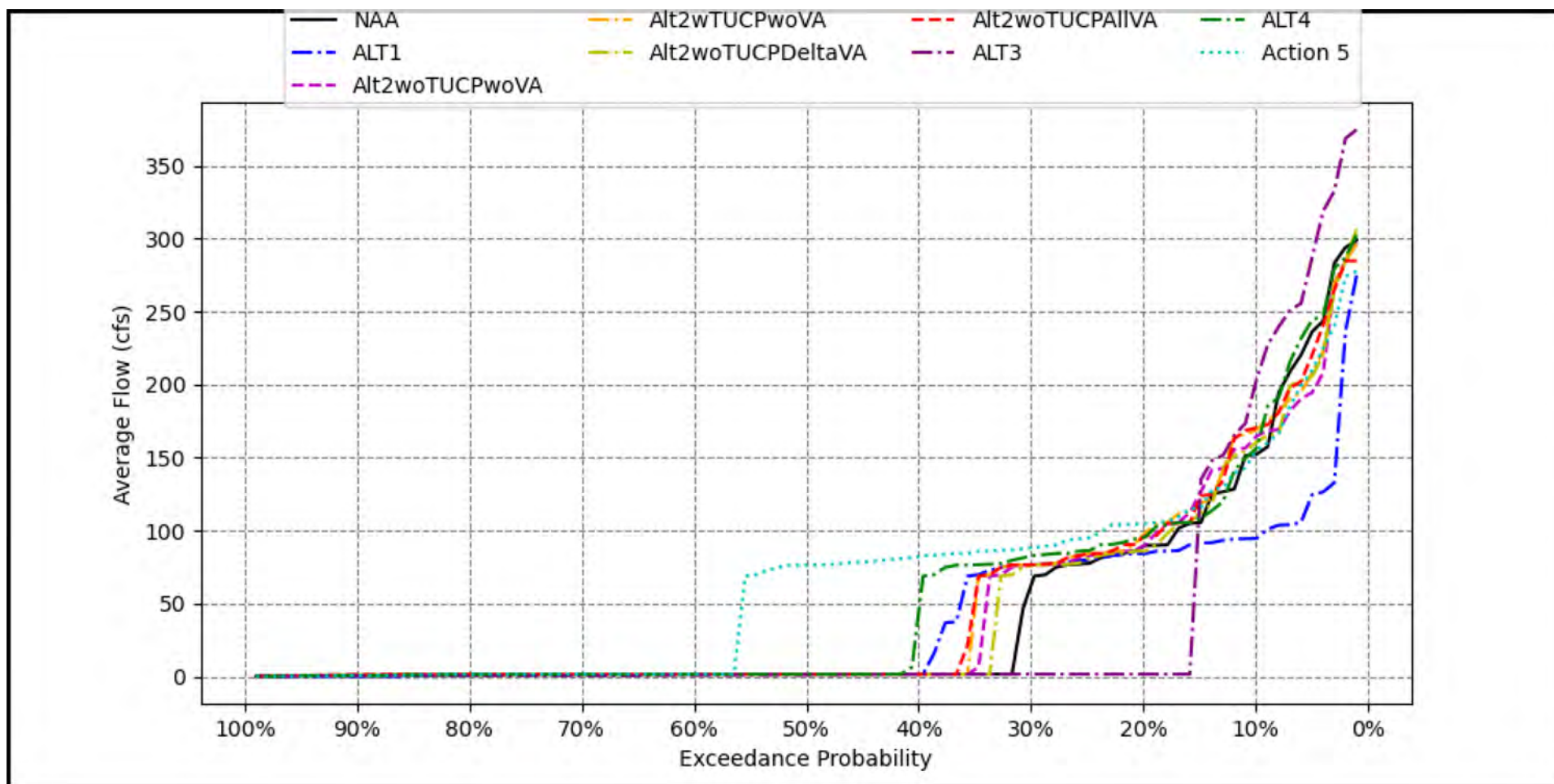
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-14-10 DMC - CA Intertie Flow, July Flow



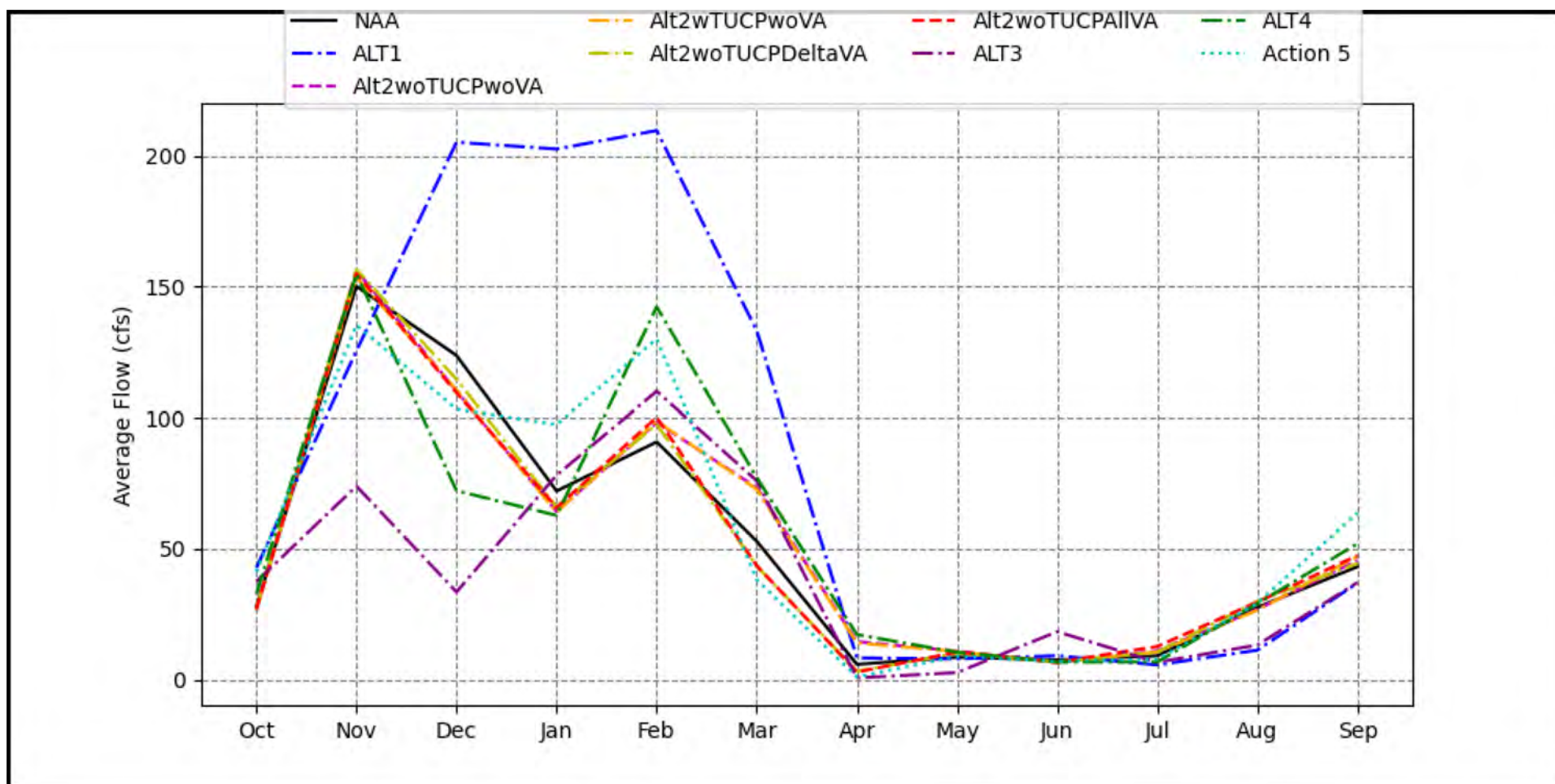
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-14-11 DMC - CA Intertie Flow, August Flow



*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-14-12 DMC - CA Intertie Flow, September Flow

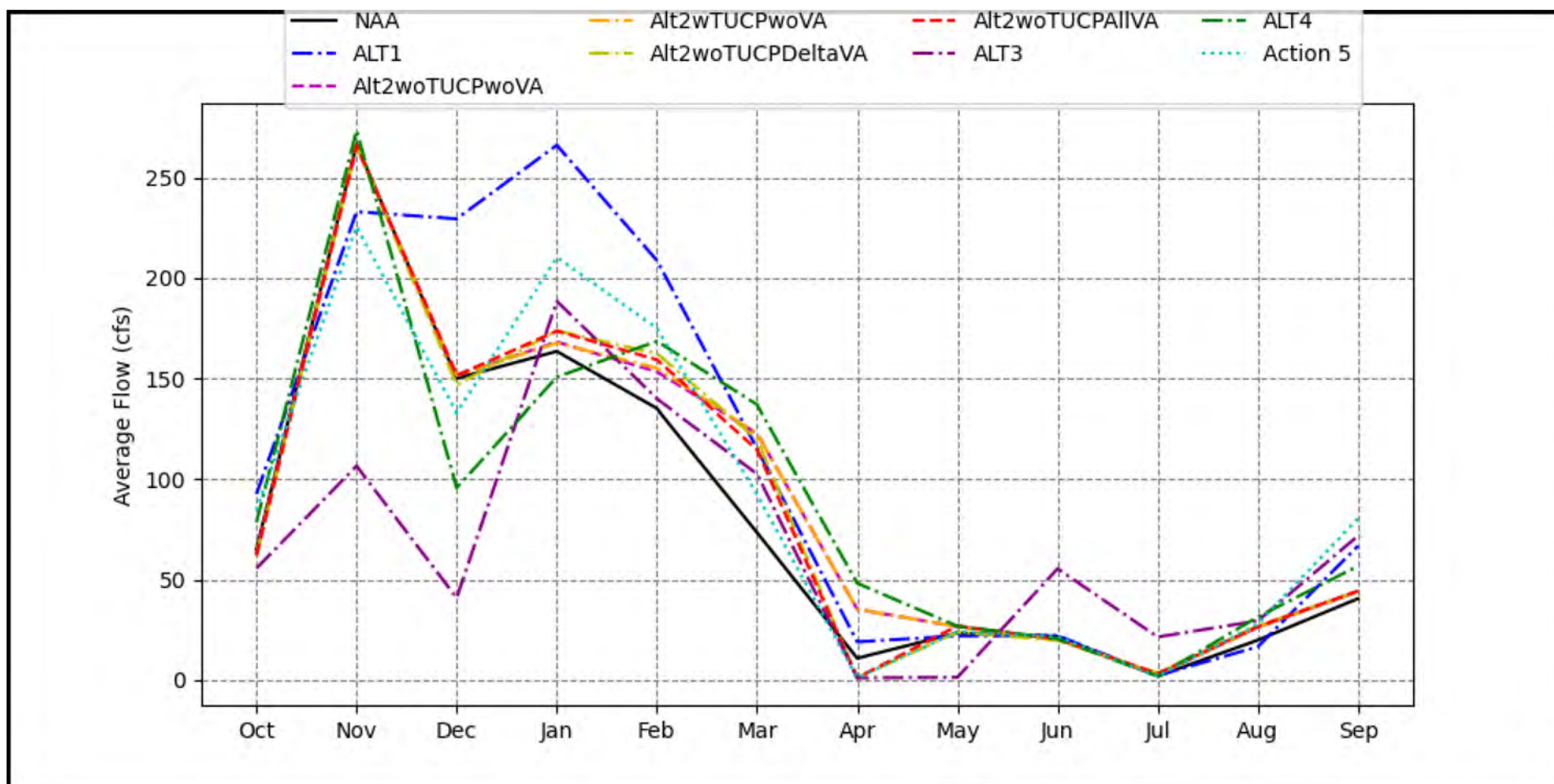


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-14-13 DMC - CA Intertie Flow, Long Term Average Flow (cfs)

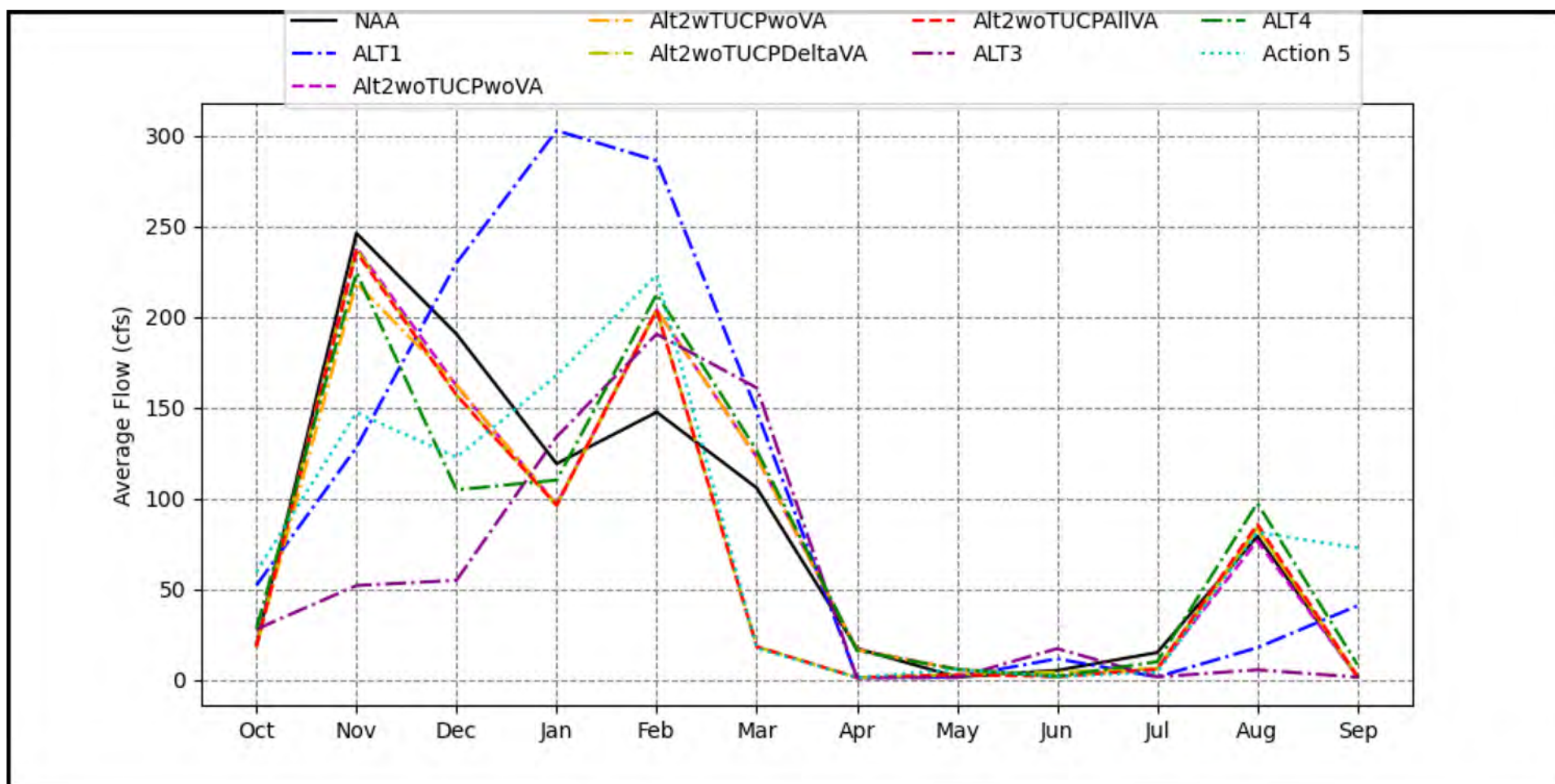


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-14-14 DMC - CA Intertie Flow, Wet Year Average Flow (cfs)

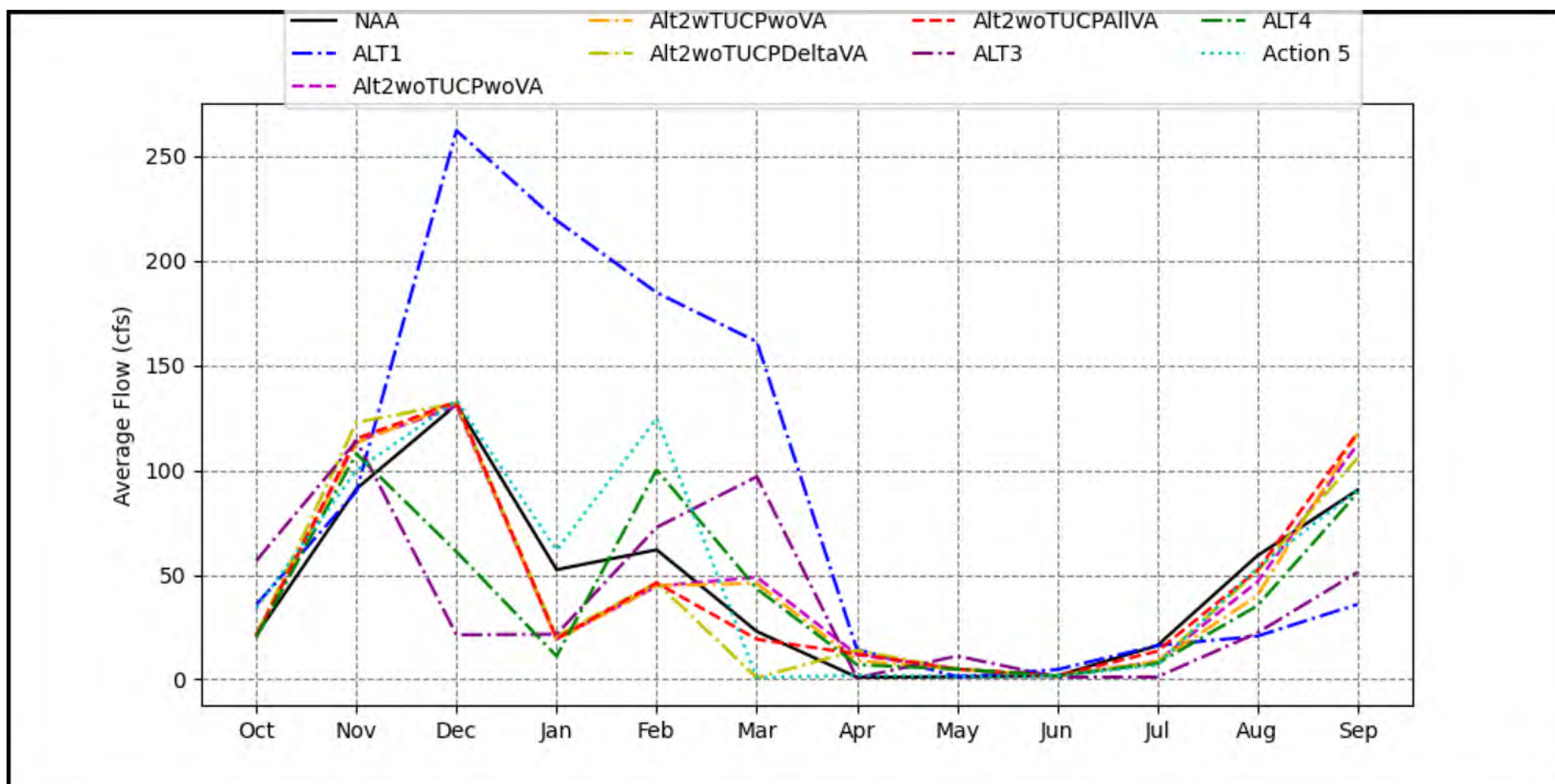


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-14-15 DMC - CA Intertie Flow, Above Normal Year Average Flow (cfs)

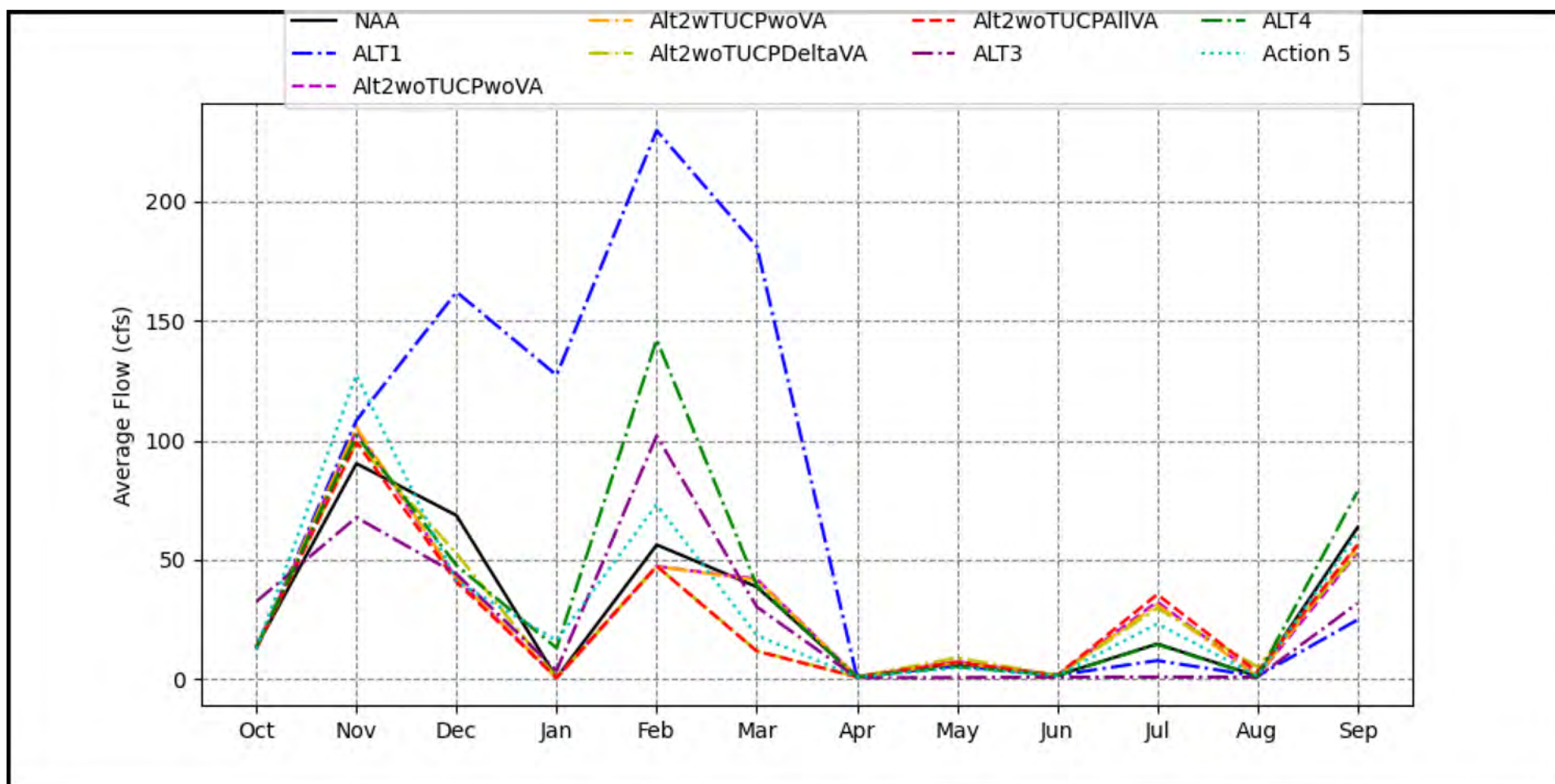


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-14-16 DMC - CA Intertie Flow, Below Normal Year Average Flow (cfs)

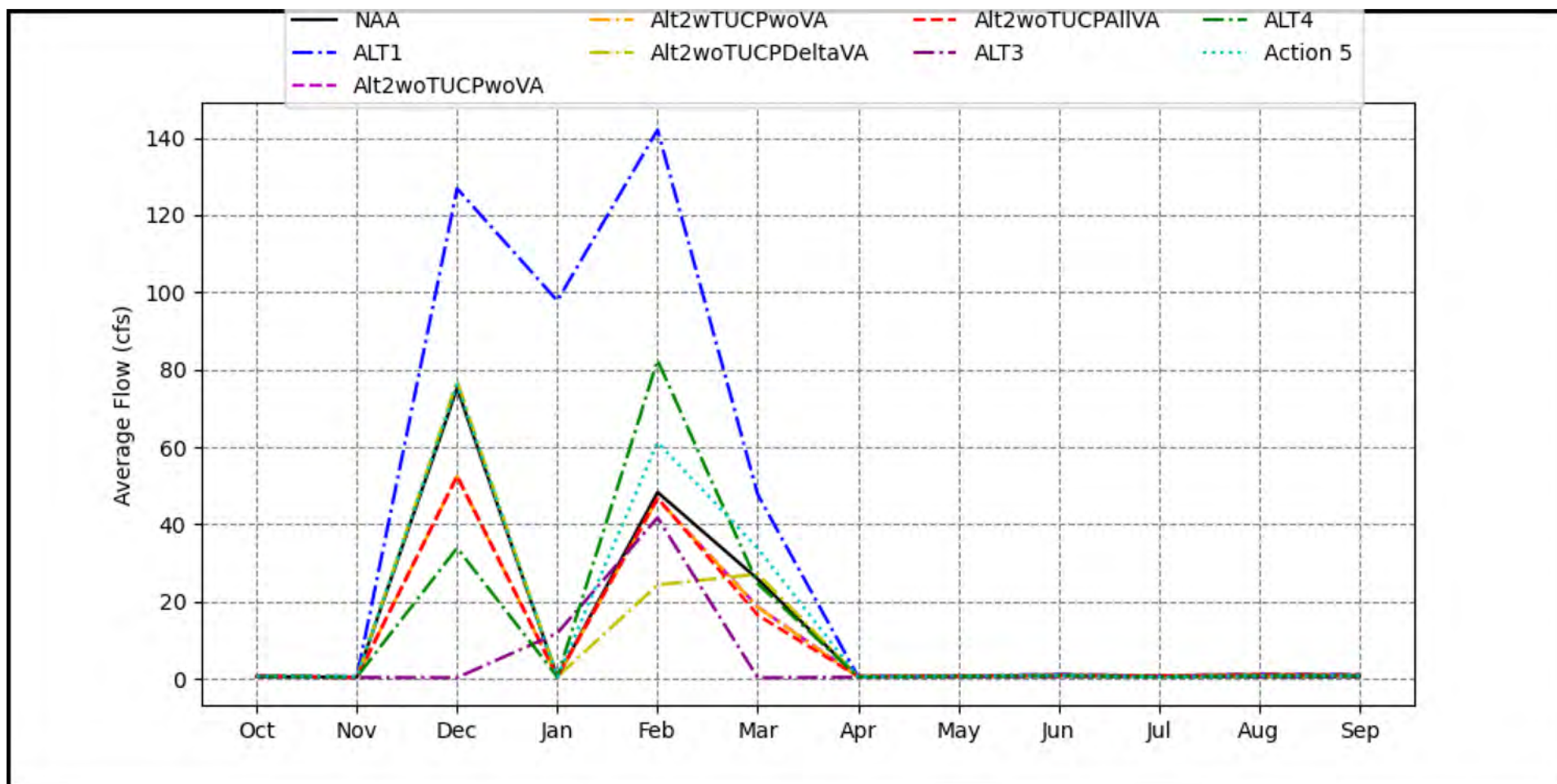


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-14-17 DMC - CA Intertie Flow, Dry Year Average Flow (cfs)



*As defined by the 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 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.3-14-18 DMC - CA Intertie Flow, Critical Year Average Flow (cfs)

Appendix F, Modeling

Attachment F.2-4

CalSim 3 – Water Supply

F.2-4.1 Results

The following results of the CalSim 3 model with 2022 Median climate conditions and 15 cm sea level rise are included for water supply to key uses for the following alternatives:

- No Action Alternative 090723 (NAA)
- Alt1 090923 (Alt1)
- Alt2woTUCPwoVA 091324 (Alt2woTUCPwoVA)
- Alt2woTUCPDeltaVA 091324 (Alt2woTUCPDelatVA)
- Alt2woTUCPAIIVA 091324 (Alt2woTUCPAIIVA)
- Alt2wTUCPwoVA 091324 (Alt2wTUCPwoVA)
- Alt3 092423 (ALT3)
- Alt4 091624 (Alt4)
- Action 5 052125 (action 5)

Section	Table Numbers	Figure Numbers
CalSim Water Supply Summary Report	F.2.4-1 to F.2.4-14	F.2.4-1 to F.2.4-9
Total Delta Exports	-	F.2.4-10

F.2-4.2 Report Formats

Reports include tables comparing water supply of two alternatives (water supply by region and type, and water supply by type). Annual exceedance charts including all alternatives.

Table F.2.4-1. CalSim 3 Water Summary Report, by Region and Type, Long-Term Average and Dry and Critical Year Averages

Water Supply Reliability				ALT1	NAA	ALT1 minus NAA
SACRAMENTO RIVER HYDROLOGIC REGION						
CVP Settlement	Contract Delivery (annual average)	(TAF/year)	Long Term	1,831	1,830	0
			Dry and Critical	1,825	1,824	0
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	182	183	-1
			Dry and Critical	178	181	-3
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	103	102	1
			Dry and Critical	88	86	2
CVP Ag	Contract Delivery (annual average - does not include Settlement contractors)	(TAF/year)	Long Term	316	311	6
			Dry and Critical	213	199	14
SWP FRSA	Contract Delivery (annual average)	(TAF/year)	Long Term	1,086	1,088	-2
			Dry and Critical	1,062	1,066	-4
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	43	40	2
			Dry and Critical	34	30	4
SAN JOAQUIN RIVER HYDROLOGIC REGION (NOT INCLUDING FRIANT-KERN AND MADERA CANAL WATER USERS)						
CVP Exchange	Contract Delivery (annual average)	(TAF/year)	Long Term	808	806	2
			Dry and Critical	775	769	6
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	257	256	1
			Dry and Critical	244	242	2
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	14	13	1
			Dry and Critical	11	10	1
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	534	477	57
			Dry and Critical	282	215	67

Water Supply Reliability				ALT1	NAA	ALT1 minus NAA
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	3	3	1
			Dry and Critical	2	2	1
SAN FRANCISCO BAY HYDROLOGIC REGION						
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	273	265	8
			Dry and Critical	273	261	12
CVP Ag	Contract Delivery (annual average)	(TAF/year)	Long Term	48	43	5
			Dry and Critical	24	17	7
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	216	180	36
			Dry and Critical	140	114	26
CENTRAL COAST HYDROLOGIC REGION						
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	46	36	10
			Dry and Critical	30	21	9
TULARE LAKE HYDROLOGIC REGION (NOT INCLUDING FRIANT-KERN CANAL WATER USERS)						
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	14	14	0
			Dry and Critical	13	13	0
CVP Ag	Contract Delivery (annual average - includes Cross Valley Canal)	(TAF/year)	Long Term	671	583	88
			Dry and Critical	337	243	95
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	96	71	25
			Dry and Critical	53	36	17
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	823	555	267
			Dry and Critical	436	279	156

Water Supply Reliability				ALT1	NAA	ALT1 minus NAA
SOUTH LAHONTAN HYDROLOGIC REGION						
SWP M&I	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	280	228	52
			Dry and Critical	197	135	62
SOUTH COAST HYDROLOGIC REGION						
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	1,567	1,151	416
			Dry and Critical	878	601	277
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	10	7	3
			Dry and Critical	5	3	2
TOTAL FOR ALL REGIONS						
Total Supplies	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	9,220	8,241	980
			Dry and Critical	7,098	6,345	753

Long-term average is the average quantity for the period of October 1921–September 2021. Dry and critical year average is the average quantity for the combination of the State Water Resources Control Board D-1641 40-30-30 dry and critical dry years for the period of October 1921–September 2021.

Some values have changed since the 2024 LTO FEIS due to change methodology that resulted in rounding differences. These changes in values do not result in significant changes to the effects analysis.

Ag = Agricultural

CVP = Central Valley Project

FRSA = Feather River Service Allocation

M&I = municipal and industrial

SWP = State Water Project

TAF = thousand acre-feet

Table F.2.4-2. CalSim 3 Water Supply Summary Report, by Type, Long-Term Average and Dry and Critical Year Averages

Water Supply Reliability				ALT1	NAA	ALT1 minus NAA
NORTH OF DELTA						
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	316	311	6
			Dry and Critical	213	199	14
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	254	253	1
			Dry and Critical	266	263	3
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	0	0	0
			Dry and Critical	0	0	0
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	106	104	1
			Dry and Critical	83	82	1
TOTAL CVP NORTH OF DELTA						
Total CVP Ag and M&I	Contract Delivery (CVP) (annual average)	(TAF/year)	Long Term	571	564	7
			Dry and Critical	478	462	17
TOTAL SWP NORTH OF DELTA						
Total SWP Ag and M&I	Contract Delivery (SWP) (annual average)	(TAF/year)	Long Term	106	104	1
			Dry and Critical	83	82	1
TOTAL NORTH OF DELTA						
Total Ag and M&I Deliveries	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	676	668	8
			Dry and Critical	561	543	18
SOUTH OF DELTA						
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	1,253	1,102	151
			Dry and Critical	644	475	169

Water Supply Reliability				ALT1	NAA	ALT1 minus NAA
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	136	128	8
			Dry and Critical	106	94	12
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	836	565	271
			Dry and Critical	443	284	159
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	2,141	1,601	540
			Dry and Critical	1,249	855	393
TOTAL CVP SOUTH OF DELTA						
Total CVP Ag and M&I	Contract Delivery (CVP) (annual average)	(TAF/year)	Long Term	1,389	1,230	159
			Dry and Critical	750	569	181
TOTAL SWP SOUTH OF DELTA						
Total SWP Ag and M&I	Contract Delivery (SWP) (annual average)	(TAF/year)	Long Term	2,977	2,165	811
			Dry and Critical	1,691	1,139	552
TOTAL SOUTH OF DELTA						
Total Ag and M&I Deliveries	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	4,366	3,396	970
			Dry and Critical	2,441	1,708	733

Long-term average is the average quantity for the period of October 1921–September 2021. Dry and critical year average is the average quantity for the combination of the State Water Resources Control Board D-1641 40-30-30 dry and critical dry years for the period of October 1921–September 2021.

Some values have changed since the 2024 LTO FEIS due to change methodology that resulted in rounding differences. These changes in values do not result in significant changes to the effects analysis.

Ag = Agricultural

CVP = Central Valley Project

FRSA = Feather River Service Allocation

M&I = municipal and industrial

SWP = State Water Project

TAF = thousand acre-feet

Table F.2.4-3. CalSim 3 Water Summary Report, by Region and Type, Long-Term Average and Dry and Critical Year Averages

Water Supply Reliability				Alt2woTU CPwoVA	NAA	Alt2woTUCPwo VA minus NAA
SACRAMENTO RIVER HYDROLOGIC REGION						
CVP Settlement	Contract Delivery (annual average)	(TAF/year)	Long Term	1,793	1,830	-37
			Dry and Critical	1,729	1,824	-95
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	181	183	-2
			Dry and Critical	176	181	-5
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	102	102	0
			Dry and Critical	86	86	0
CVP Ag	Contract Delivery (annual average - does not include Settlement contractors)	(TAF/year)	Long Term	295	311	-16
			Dry and Critical	169	199	-31
SWP FRSA	Contract Delivery (annual average)	(TAF/year)	Long Term	1,084	1,088	-3
			Dry and Critical	1,057	1,066	-9
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	40	40	0
			Dry and Critical	29	30	-1
SAN JOAQUIN RIVER HYDROLOGIC REGION (NOT INCLUDING FRIANT-KERN AND MADERA CANAL WATER USERS)						
CVP Exchange	Contract Delivery (annual average)	(TAF/year)	Long Term	808	806	2
			Dry and Critical	775	769	6
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	257	256	1
			Dry and Critical	244	242	2
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	13	13	0
			Dry and Critical	10	10	0

Water Supply Reliability				Alt2woTU CPwoVA	NAA	Alt2woTUCPwo VA minus NAA
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	473	477	-4
			Dry and Critical	201	215	-14
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	3	3	0
			Dry and Critical	2	2	0
SAN FRANCISCO BAY HYDROLOGIC REGION						
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	267	265	1
			Dry and Critical	264	261	3
CVP Ag	Contract Delivery (annual average)	(TAF/year)	Long Term	42	43	0
			Dry and Critical	16	17	-1
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	185	180	5
			Dry and Critical	115	114	1
CENTRAL COAST HYDROLOGIC REGION						
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	37	36	1
			Dry and Critical	21	21	0
TULARE LAKE HYDROLOGIC REGION (NOT INCLUDING FRIANT-KERN CANAL WATER USERS)						
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	14	14	0
			Dry and Critical	13	13	0
CVP Ag	Contract Delivery (annual average - includes Cross Valley Canal)	(TAF/year)	Long Term	580	583	-3
			Dry and Critical	225	243	-18
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	73	71	2
			Dry and Critical	36	36	0

Water Supply Reliability				Alt2woTU CPwoVA	NAA	Alt2woTUCPwo VA minus NAA
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	578	555	22
			Dry and Critical	278	279	-1
SOUTH LAHONTAN HYDROLOGIC REGION						
SWP M&I	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	238	228	10
			Dry and Critical	141	135	6
SOUTH COAST HYDROLOGIC REGION						
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors)	(TAF/year)	Long Term	1,193	1,151	42
			Dry and Critical	605	601	4
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	7	7	0
			Dry and Critical	3	3	0
TOTAL FOR ALL REGIONS						
Total Supplies	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	8,263	8,241	22
			Dry and Critical	6,195	6,345	-150

Long-term average is the average quantity for the period of October 1921–September 2021. Dry and critical year average is the average quantity for the combination of the State Water Resources Control Board D-1641 40-30-30 dry and critical dry years for the period of October 1921–September 2021.

Some values have changed since the 2024 LTO FEIS due to change methodology that resulted in rounding differences. These changes in values do not result in significant changes to the effects analysis.

Ag = Agricultural

CVP = Central Valley Project

FRSA = Feather River Service Allocation

M&I = municipal and industrial

SWP = State Water Project

TAF = thousand acre-feet

Table F.2.4-4. CalSim 3 Water Supply Summary Report, by Type, Long-Term Average and Dry and Critical Year Averages

Water Supply Reliability				Alt2woTUCP woVA	NAA	Alt2woTUC PwoVA minus NAA
NORTH OF DELTA						
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	295	311	-16
			Dry and Critical	169	199	-31
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	253	253	0
			Dry and Critical	263	263	1
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	0	0	0
			Dry and Critical	0	0	0
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	104	104	0
			Dry and Critical	81	82	-1
TOTAL CVP NORTH OF DELTA						
Total CVP Ag and M&I	Contract Delivery (CVP) (annual average)	(TAF/year)	Long Term	548	564	-16
			Dry and Critical	432	462	-30
TOTAL SWP NORTH OF DELTA						
Total SWP Ag and M&I	Contract Delivery (SWP) (annual average)	(TAF/year)	Long Term	104	104	0
			Dry and Critical	81	82	-1
TOTAL NORTH OF DELTA						
Total Ag and M&I Deliveries	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	652	668	-16
			Dry and Critical	513	543	-31
SOUTH OF DELTA						
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	1,096	1,102	-7
			Dry and Critical	442	475	-33

Water Supply Reliability				Alt2woTUCP woVA	NAA	Alt2woTUC PwoVA minus NAA
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	129	128	1
			Dry and Critical	97	94	3
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	587	565	23
			Dry and Critical	283	284	-1
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	1,661	1,601	61
			Dry and Critical	866	855	11
TOTAL CVP SOUTH OF DELTA						
Total CVP Ag and M&I	Contract Delivery (CVP) (annual average)	(TAF/year)	Long Term	1,224	1,230	-6
			Dry and Critical	539	569	-30
TOTAL SWP SOUTH OF DELTA						
Total SWP Ag and M&I	Contract Delivery (SWP) (annual average)	(TAF/year)	Long Term	2,249	2,165	83
			Dry and Critical	1,149	1,139	10
TOTAL SOUTH OF DELTA						
Total Ag and M&I Deliveries	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	3,473	3,396	78
			Dry and Critical	1,688	1,708	-20

Long-term average is the average quantity for the period of October 1921–September 2021. Dry and critical year average is the average quantity for the combination of the State Water Resources Control Board D-1641 40-30-30 dry and critical dry years for the period of October 1921–September 2021.

Some values have changed since the 2024 LTO FEIS due to change methodology that resulted in rounding differences. These changes in values do not result in significant changes to the effects analysis.

Ag = Agricultural

CVP = Central Valley Project

FRSA = Feather River Service Allocation

M&I = municipal and industrial

SWP = State Water Project

TAF = thousand acre-feet

Table F.2.4-5. CalSim 3 Water Summary Report, by Region and Type, Long-Term Average and Dry and Critical Year Averages

Water Supply Reliability				Alt2wTUCP woVA	NAA	Alt2wTUCP woVA minus NAA
SACRAMENTO RIVER HYDROLOGIC REGION						
CVP Settlement	Contract Delivery (annual average)	(TAF/year)	Long Term	1,794	1,830	-37
			Dry and Critical	1,731	1,824	-93
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	183	183	-1
			Dry and Critical	179	181	-2
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	102	102	-1
			Dry and Critical	84	86	-2
CVP Ag	Contract Delivery (annual average - does not include Settlement contractors)	(TAF/year)	Long Term	298	311	-13
			Dry and Critical	171	199	-28
SWP FRSA	Contract Delivery (annual average)	(TAF/year)	Long Term	1,087	1,088	-1
			Dry and Critical	1,063	1,066	-3
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	41	40	1
			Dry and Critical	31	30	0
SAN JOAQUIN RIVER HYDROLOGIC REGION (NOT INCLUDING FRIANT-KERN AND MADERA CANAL WATER USERS)						
CVP Exchange	Contract Delivery (annual average)	(TAF/year)	Long Term	807	806	1
			Dry and Critical	772	769	3
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	256	256	0
			Dry and Critical	243	242	1
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	13	13	0
			Dry and Critical	10	10	0

Water Supply Reliability				Alt2wTUCP woVA	NAA	Alt2wTUCP woVA minus NAA
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	473	477	-4
			Dry and Critical	190	215	-25
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	3	3	0
			Dry and Critical	2	2	0
SAN FRANCISCO BAY HYDROLOGIC REGION						
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	264	265	-1
			Dry and Critical	258	261	-3
CVP Ag	Contract Delivery (annual average)	(TAF/year)	Long Term	42	43	-1
			Dry and Critical	15	17	-2
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	186	180	6
			Dry and Critical	117	114	3
CENTRAL COAST HYDROLOGIC REGION						
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	38	36	2
			Dry and Critical	22	21	1
TULARE LAKE HYDROLOGIC REGION (NOT INCLUDING FRIANT-KERN CANAL WATER USERS)						
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	14	14	0
			Dry and Critical	13	13	0
CVP Ag	Contract Delivery (annual average - includes Cross Valley Canal)	(TAF/year)	Long Term	579	583	-4
			Dry and Critical	209	243	-33
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	74	71	3
			Dry and Critical	37	36	0
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	583	555	28
			Dry and Critical	284	279	5

Water Supply Reliability				Alt2wTUCP woVA	NAA	Alt2wTUCP woVA minus NAA
SOUTH LAHONTAN HYDROLOGIC REGION						
SWP M&I	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	240	228	12
			Dry and Critical	144	135	9
SOUTH COAST HYDROLOGIC REGION						
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	1,205	1,151	54
			Dry and Critical	618	601	17
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	7	7	0
			Dry and Critical	3	3	0
TOTAL FOR ALL REGIONS						
Total Supplies	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	8,286	8,241	46
			Dry and Critical	6,196	6,345	-150

Long-term average is the average quantity for the period of October 1921–September 2021. Dry and critical year average is the average quantity for the combination of the State Water Resources Control Board D-1641 40-30-30 dry and critical dry years for the period of October 1921–September 2021.

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Ag = Agricultural

CVP = Central Valley Project

FRSA = Feather River Service Allocation

M&I = municipal and industrial

SWP = State Water Project

TAF = thousand acre-feet

Table F.2.4-6. CalSim 3 Water Supply Summary Report, by Type, Long-Term Average and Dry and Critical Year Averages

Water Supply Reliability				Alt2wTUC PwoVA	NAA	Alt2wTUC woVA minus NAA
NORTH OF DELTA						
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	298	311	-13
			Dry and Critical	171	199	-28
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	252	253	-1
			Dry and Critical	260	263	-3
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	0	0	0
			Dry and Critical	0	0	0
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	105	104	1
			Dry and Critical	83	82	1
TOTAL CVP NORTH OF DELTA						
Total CVP Ag and M&I	Contract Delivery (CVP) (annual average)	(TAF/year)	Long Term	550	564	-14
			Dry and Critical	431	462	-31
TOTAL SWP NORTH OF DELTA						
Total SWP Ag and M&I	Contract Delivery (SWP) (annual average)	(TAF/year)	Long Term	105	104	1
			Dry and Critical	83	82	1
TOTAL NORTH OF DELTA						
Total Ag and M&I Deliveries	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	655	668	-13
			Dry and Critical	514	543	-30
SOUTH OF DELTA						
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	1,094	1,102	-8
			Dry and Critical	415	475	-60

Water Supply Reliability				Alt2wTUC PwoVA	NAA	Alt2wTUCP woVA minus NAA
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	127	128	-1
			Dry and Critical	92	94	-2
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	593	565	28
			Dry and Critical	289	284	5
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	1,677	1,601	76
			Dry and Critical	885	855	30
TOTAL CVP SOUTH OF DELTA						
Total CVP Ag and M&I	Contract Delivery (CVP) (annual average)	(TAF/year)	Long Term	1,221	1,230	-9
			Dry and Critical	506	569	-62
TOTAL SWP SOUTH OF DELTA						
Total SWP Ag and M&I	Contract Delivery (SWP) (annual average)	(TAF/year)	Long Term	2,270	2,165	105
			Dry and Critical	1,174	1,139	35
TOTAL SOUTH OF DELTA						
Total Ag and M&I Deliveries	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	3,491	3,396	95
			Dry and Critical	1,680	1,708	-27

Long-term average is the average quantity for the period of October 1921–September 2021. Dry and critical year average is the average quantity for the combination of the State Water Resources Control Board D-1641 40-30-30 dry and critical dry years for the period of October 1921–September 2021.

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CVP = Central Valley Project

FRSA = Feather River Service Allocation

M&I = municipal and industrial

SWP = State Water Project

TAF = thousand acre-feet

Table F.2.4-7. CalSim 3 Water Summary Report, by Region and Type, Long-Term Average and Dry and Critical Year Averages

Water Supply Reliability				Alt2woTUCP DeltaVA	NAA	Alt2woTUCP DeltaVA minus NAA
SACRAMENTO RIVER HYDROLOGIC REGION						
CVP Settlement	Contract Delivery (annual average)	(TAF/year)	Long Term	1,799	1,830	-31
			Dry and Critical	1,734	1,824	-90
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	181	183	-2
			Dry and Critical	176	181	-5
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	112	102	10
			Dry and Critical	95	86	9
CVP Ag	Contract Delivery (annual average - does not include Settlement contractors)	(TAF/year)	Long Term	296	311	-15
			Dry and Critical	173	199	-26
SWP FRSA	Contract Delivery (annual average)	(TAF/year)	Long Term	1,077	1,088	-11
			Dry and Critical	1,038	1,066	-28
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	40	40	0
			Dry and Critical	29	30	-1
SAN JOAQUIN RIVER HYDROLOGIC REGION (NOT INCLUDING FRIANT-KERN AND MADERA CANAL WATER USERS)						
CVP Exchange	Contract Delivery (annual average)	(TAF/year)	Long Term	808	806	2
			Dry and Critical	775	769	6
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	257	256	1
			Dry and Critical	244	242	2
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	13	13	0
			Dry and Critical	10	10	1

Water Supply Reliability				Alt2woTUCP DeltaVA	NAA	Alt2woTUCP DeltaVA minus NAA
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	440	477	-37
			Dry and Critical	182	215	-33
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	3	3	0
			Dry and Critical	2	2	0
SAN FRANCISCO BAY HYDROLOGIC REGION						
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	267	265	2
			Dry and Critical	266	261	6
CVP Ag	Contract Delivery (annual average)	(TAF/year)	Long Term	41	43	-1
			Dry and Critical	16	17	-1
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual	(TAF/year)	Long Term	185	180	5
			Dry and Critical	116	114	2
CENTRAL COAST HYDROLOGIC REGION						
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	37	36	2
			Dry and Critical	22	21	1
TULARE LAKE HYDROLOGIC REGION (NOT INCLUDING FRIANT-KERN CANAL WATER USERS)						
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	14	14	0
			Dry and Critical	13	13	0
CVP Ag	Contract Delivery (annual average - includes Cross Valley Canal)	(TAF/year)	Long Term	541	583	-41
			Dry and Critical	212	243	-31
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	72	71	1
			Dry and Critical	35	36	-1
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	575	555	20
			Dry and Critical	282	279	3

Water Supply Reliability				Alt2woTUCP DeltaVA	NAA	Alt2woTUCP DeltaVA minus NAA
SOUTH LAHONTAN HYDROLOGIC REGION						
SWP M&I	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	241	228	13
			Dry and Critical	147	135	12
SOUTH COAST HYDROLOGIC REGION						
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual	(TAF/year)	Long Term	1,186	1,151	36
			Dry and Critical	605	601	4
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	7	7	0
			Dry and Critical	3	3	0
TOTAL FOR ALL REGIONS						
Total Supplies	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	8,193	8,241	-47
			Dry and Critical	6,176	6,345	-170

Long-term average is the average quantity for the period of October 1921–September 2021. Dry and critical year average is the average quantity for the combination of the State Water Resources Control Board D-1641 40-30-30 dry and critical dry years for the period of October 1921–September 2021.

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CVP = Central Valley Project

FRSA = Feather River Service Allocation

M&I = municipal and industrial

SWP = State Water Project

TAF = thousand acre-feet

Table F.2.4-8. CalSim 3 Water Supply Summary Report, by Type, Long-Term Average and Dry and Critical Year Averages

Water Supply Reliability				Alt2woTUC PDeltaVA	NAA	Alt2woTUCP DeltaVA minus NAA
NORTH OF DELTA						
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	296	311	-15
			Dry and Critical	173	199	-26
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	264	253	11
			Dry and Critical	274	263	11
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	0	0	0
			Dry and Critical	0	0	0
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	104	104	0
			Dry and Critical	80	82	-1
TOTAL CVP NORTH OF DELTA						
Total CVP Ag and M&I	Contract Delivery (CVP) (annual average)	(TAF/year)	Long Term	559	564	-4
			Dry and Critical	447	462	-15
TOTAL SWP NORTH OF DELTA						
Total SWP Ag and M&I	Contract Delivery (SWP) (annual average)	(TAF/year)	Long Term	104	104	0
			Dry and Critical	80	82	-1
TOTAL NORTH OF DELTA						
Total Ag and M&I Deliveries	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	663	668	-5
			Dry and Critical	527	543	-17
SOUTH OF DELTA						
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	1,022	1,102	-80
			Dry and Critical	410	475	-65

Water Supply Reliability				Alt2woTUC PDeltaVA	NAA	Alt2woTUCP DeltaVA minus NAA
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	129	128	2
			Dry and Critical	99	94	5
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	585	565	20
			Dry and Critical	287	284	3
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	1,657	1,601	57
			Dry and Critical	874	855	19
TOTAL CVP SOUTH OF DELTA						
Total CVP Ag and M&I	Contract Delivery (CVP) (annual average)	(TAF/year)	Long Term	1,152	1,230	-79
			Dry and Critical	509	569	-60
TOTAL SWP SOUTH OF DELTA						
Total SWP Ag and M&I	Contract Delivery (SWP) (annual average)	(TAF/year)	Long Term	2,243	2,165	77
			Dry and Critical	1,161	1,139	22
TOTAL SOUTH OF DELTA						
Total Ag and M&I Deliveries	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	3,394	3,396	-1
			Dry and Critical	1,670	1,708	-38

Long-term average is the average quantity for the period of October 1921–September 2021. Dry and critical year average is the average quantity for the combination of the State Water Resources Control Board D-1641 40-30-30 dry and critical dry years for the period of October 1921–September 2021.

Some values have changed since the 2024 LTO FEIS due to change methodology that resulted in rounding differences. These changes in values do not result in significant changes to the effects analysis.

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CVP = Central Valley Project

FRSA = Feather River Service Allocation

M&I = municipal and industrial

SWP = State Water Project

TAF = thousand acre-feet

Table F.2.4-9. CalSim 3 Water Summary Report, by Region and Type, Long-Term Average and Dry and Critical Year Averages

Water Supply Reliability				Alt2woTU CPAIIVA	NAA	Alt2woTUCP AllIVA minus NAA
SACRAMENTO RIVER HYDROLOGIC REGION						
CVP Settlement	Contract Delivery (annual average)	(TAF/year)	Long Term	1,718	1,830	-113
			Dry and Critical	1,653	1,824	-171
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	181	183	-2
			Dry and Critical	176	181	-5
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	111	102	9
			Dry and Critical	93	86	6
CVP Ag	Contract Delivery (annual average - does not include Settlement contractors)	(TAF/year)	Long Term	296	311	-15
			Dry and Critical	171	199	-28
SWP FRSA	Contract Delivery (annual average)	(TAF/year)	Long Term	1,037	1,088	-51
			Dry and Critical	996	1,066	-70
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	45	40	5
			Dry and Critical	34	30	4
SAN JOAQUIN RIVER HYDROLOGIC REGION (NOT INCLUDING FRIANT-KERN AND MADERA CANAL WATER USERS)						
CVP Exchange	Contract Delivery (annual average)	(TAF/year)	Long Term	808	806	2
			Dry and Critical	775	769	6
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	257	256	1
			Dry and Critical	244	242	2
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	13	13	0
			Dry and Critical	10	10	0

Water Supply Reliability				Alt2woTU CPAIIVA	NAA	Alt2woTUCP AllVA minus NAA
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	441	477	-36
			Dry and Critical	181	215	-34
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	3	3	0
			Dry and Critical	2	2	0
SAN FRANCISCO BAY HYDROLOGIC REGION						
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	268	265	3
			Dry and Critical	268	261	8
CVP Ag	Contract Delivery (annual average)	(TAF/year)	Long Term	41	43	-1
			Dry and Critical	16	17	-1
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	184	180	4
			Dry and Critical	115	114	1
CENTRAL COAST HYDROLOGIC REGION						
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	37	36	1
			Dry and Critical	21	21	1
TULARE LAKE HYDROLOGIC REGION (NOT INCLUDING FRIANT-KERN CANAL WATER USERS)						
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	14	14	0
			Dry and Critical	13	13	0
CVP Ag	Contract Delivery (annual average - includes Cross Valley Canal)	(TAF/year)	Long Term	544	583	-39
			Dry and Critical	211	243	-32
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	72	71	1
			Dry and Critical	35	36	-1
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	572	555	17
			Dry and Critical	277	279	-2

Water Supply Reliability				Alt2woTU CPAIIVA	NAA	Alt2woTUCP AllVA minus NAA
SOUTH LAHONTAN HYDROLOGIC REGION						
SWP M&I	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	240	228	12
			Dry and Critical	147	135	12
SOUTH COAST HYDROLOGIC REGION						
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	1,181	1,151	30
			Dry and Critical	600	601	-1
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	7	7	0
			Dry and Critical	3	3	0
TOTAL FOR ALL REGIONS						
Total Supplies	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	8,070	8,241	-170
			Dry and Critical	6,042	6,345	-304

Long-term average is the average quantity for the period of October 1921–September 2021. Dry and critical year average is the average quantity for the combination of the State Water Resources Control Board D-1641 40-30-30 dry and critical dry years for the period of October 1921–September 2021.

Some values have changed since the 2024 LTO FEIS due to change methodology that resulted in rounding differences. These changes in values do not result in significant changes to the effects analysis.

Ag = Agricultural

CVP = Central Valley Project

FRSA = Feather River Service Allocation

M&I = municipal and industrial

SWP = State Water Project

TAF = thousand acre-feet

Table F.2.4-10. CalSim 3 Water Supply Summary Report, by Type, Long-Term Average and Dry and Critical Year Averages

Water Supply Reliability				Alt2woTUC PAIIVA	NAA	Alt2woTUC PAIIVA minus NAA
NORTH OF DELTA						
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	296	311	-15
			Dry and Critical	171	199	-28
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	264	253	11
			Dry and Critical	273	263	11
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	0	0	0
			Dry and Critical	0	0	0
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	109	104	4
			Dry and Critical	85	82	3
TOTAL CVP NORTH OF DELTA						
Total CVP Ag and M&I	Contract Delivery (CVP) (annual average)	(TAF/year)	Long Term	559	564	-4
			Dry and Critical	445	462	-17
TOTAL SWP NORTH OF DELTA						
Total SWP Ag and M&I	Contract Delivery (SWP) (annual average)	(TAF/year)	Long Term	109	104	4
			Dry and Critical	85	82	3
TOTAL NORTH OF DELTA						
Total Ag and M&I Deliveries	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	668	668	0
			Dry and Critical	529	543	-14
SOUTH OF DELTA						
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	1,026	1,102	-76
			Dry and Critical	408	475	-67

Water Supply Reliability				Alt2woTUC PAIIVA	NAA	Alt2woTUC PAIIVA minus NAA
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	129	128	1
			Dry and Critical	98	94	4
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	582	565	17
			Dry and Critical	282	284	-2
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	1,650	1,601	49
			Dry and Critical	868	855	13
TOTAL CVP SOUTH OF DELTA						
Total CVP Ag and M&I	Contract Delivery (CVP) (annual average)	(TAF/year)	Long Term	1,155	1,230	-75
			Dry and Critical	506	569	-63
TOTAL SWP SOUTH OF DELTA						
Total SWP Ag and M&I	Contract Delivery (SWP) (annual average)	(TAF/year)	Long Term	2,232	2,165	66
			Dry and Critical	1,150	1,139	11
TOTAL SOUTH OF DELTA						
Total Ag and M&I Deliveries	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	3,387	3,396	-9
			Dry and Critical	1,656	1,708	-52

Long-term average is the average quantity for the period of October 1921–September 2021. Dry and critical year average is the average quantity for the combination of the State Water Resources Control Board D-1641 40-30-30 dry and critical dry years for the period of October 1921–September 2021.

Some values have changed since the 2024 LTO FEIS due to change methodology that resulted in rounding differences. These changes in values do not result in significant changes to the effects analysis.

Ag = Agricultural

CVP = Central Valley Project

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M&I = municipal and industrial

SWP = State Water Project

TAF = thousand acre-feet

Table F.2.4-11. CalSim 3 Water Summary Report, by Region and Type, Long-Term Average and Dry and Critical Year Averages

Water Supply Reliability				ALT3	NAA	ALT3 minus NAA
SACRAMENTO RIVER HYDROLOGIC REGION						
CVP Settlement	Contract Delivery (annual average)	(TAF/year)	Long Term	1,750	1,830	-81
			Dry and Critical	1,628	1,824	-196
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	181	183	-3
			Dry and Critical	181	181	0
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	91	102	-11
			Dry and Critical	71	86	-15
CVP Ag	Contract Delivery (annual average - does not include Settlement contractors)	(TAF/year)	Long Term	272	311	-39
			Dry and Critical	134	199	-65
SWP FRSA	Contract Delivery (annual average)	(TAF/year)	Long Term	1,036	1,088	-52
			Dry and Critical	934	1,066	-132
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	27	40	-13
			Dry and Critical	26	30	-4
SAN JOAQUIN RIVER HYDROLOGIC REGION (NOT INCLUDING FRIANT-KERN AND MADERA CANAL WATER USERS)						
CVP Exchange	Contract Delivery (annual average)	(TAF/year)	Long Term	775	806	-31
			Dry and Critical	713	769	-56
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	253	256	-3
			Dry and Critical	235	242	-7
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	8	13	-5
			Dry and Critical	6	10	-4

Water Supply Reliability				ALT3	NAA	ALT3 minus NAA
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	168	477	-309
			Dry and Critical	63	215	-152
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	1	3	-1
			Dry and Critical	1	2	-1
SAN FRANCISCO BAY HYDROLOGIC REGION						
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	222	265	-44
			Dry and Critical	225	261	-36
CVP Ag	Contract Delivery (annual average)	(TAF/year)	Long Term	12	43	-30
			Dry and Critical	3	17	-14
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	112	180	-68
			Dry and Critical	74	114	-40
CENTRAL COAST HYDROLOGIC REGION						
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	17	36	-19
			Dry and Critical	9	21	-12
TULARE LAKE HYDROLOGIC REGION (NOT INCLUDING FRIANT-KERN CANAL WATER USERS)						
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	13	14	-1
			Dry and Critical	12	13	-1
CVP Ag	Contract Delivery (annual average - includes Cross Valley Canal)	(TAF/year)	Long Term	152	583	-431
			Dry and Critical	35	243	-208
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	34	71	-37
			Dry and Critical	17	36	-19
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	247	555	-308
			Dry and Critical	125	279	-154

Water Supply Reliability				ALT3	NAA	ALT3 minus NAA
SOUTH LAHONTAN HYDROLOGIC REGION						
SWP M&I	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	110	228	-117
			Dry and Critical	57	135	-77
SOUTH COAST HYDROLOGIC REGION						
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	531	1,151	-619
			Dry and Critical	269	601	-332
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	3	7	-4
			Dry and Critical	2	3	-1
TOTAL FOR ALL REGIONS						
Total Supplies	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	6,016	8,241	-2,225
			Dry and Critical	4,817	6,345	-1,528

Long-term average is the average quantity for the period of October 1921–September 2021. Dry and critical year average is the average quantity for the combination of the State Water Resources Control Board D-1641 40-30-30 dry and critical dry years for the period of October 1921–September 2021.

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Ag = Agricultural

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M&I = municipal and industrial

SWP = State Water Project

TAF = thousand acre-feet

Table F.2.4-12. CalSim 3 Water Supply Summary Report, by Type, Long-Term Average and Dry and Critical Year Averages

Water Supply Reliability				ALT3	NAA	ALT3 minus NAA
NORTH OF DELTA						
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	272	311	-39
			Dry and Critical	134	199	-65
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	242	253	-12
			Dry and Critical	247	263	-16
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	0	0	0
			Dry and Critical	0	0	0
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	85	104	-19
			Dry and Critical	72	82	-9
TOTAL CVP NORTH OF DELTA						
Total CVP Ag and M&I	Contract Delivery (CVP) (annual average)	(TAF/year)	Long Term	514	564	-50
			Dry and Critical	381	462	-81
TOTAL SWP NORTH OF DELTA						
Total SWP Ag and M&I	Contract Delivery (SWP) (annual average)	(TAF/year)	Long Term	85	104	-19
			Dry and Critical	72	82	-9
TOTAL NORTH OF DELTA						
Total Ag and M&I Deliveries	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	599	668	-70
			Dry and Critical	453	543	-90
SOUTH OF DELTA						
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	333	1,102	-769
			Dry and Critical	100	475	-375

Water Supply Reliability				ALT3	NAA	ALT3 minus NAA
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	80	128	-48
			Dry and Critical	55	94	-39
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	251	565	-313
			Dry and Critical	127	284	-157
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	747	1,601	-854
			Dry and Critical	380	855	-476
TOTAL CVP SOUTH OF DELTA						
Total CVP Ag and M&I	Contract Delivery (CVP) (annual average)	(TAF/year)	Long Term	413	1,230	-818
			Dry and Critical	155	569	-414
TOTAL SWP SOUTH OF DELTA						
Total SWP Ag and M&I	Contract Delivery (SWP) (annual average)	(TAF/year)	Long Term	998	2,165	-1,168
			Dry and Critical	507	1,139	-632
TOTAL SOUTH OF DELTA						
Total Ag and M&I Deliveries	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	1,411	3,396	-1,985
			Dry and Critical	661	1,708	-1,046

Long-term average is the average quantity for the period of October 1921–September 2021. Dry and critical year average is the average quantity for the combination of the State Water Resources Control Board D-1641 40-30-30 dry and critical dry years for the period of October 1921–September 2021.

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M&I = municipal and industrial

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TAF = thousand acre-feet

Table F.2.4-13. CalSim 3 Water Summary Report, by Region and Type, Long-Term Average and Dry and Critical Year Averages

Water Supply Reliability				ALT4	NAA	ALT4 minus NAA
SACRAMENTO RIVER HYDROLOGIC REGION						
CVP Settlement	Contract Delivery (annual average)	(TAF/year)	Long Term	1,804	1,830	-26
			Dry and Critical	1,758	1,824	-66
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	183	183	0
			Dry and Critical	181	181	0
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	103	102	0
			Dry and Critical	87	86	1
CVP Ag	Contract Delivery (annual average - does not include Settlement contractors)	(TAF/year)	Long Term	313	311	2
			Dry and Critical	197	199	-2
SWP FRSA	Contract Delivery (annual average)	(TAF/year)	Long Term	1,090	1,088	2
			Dry and Critical	1,070	1,066	4
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	42	40	2
			Dry and Critical	32	30	2
SAN JOAQUIN RIVER HYDROLOGIC REGION (NOT INCLUDING FRIANT-KERN AND MADERA CANAL WATER USERS)						
CVP Exchange	Contract Delivery (annual average)	(TAF/year)	Long Term	807	806	1
			Dry and Critical	772	769	4
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	256	256	0
			Dry and Critical	243	242	1
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	13	13	0
			Dry and Critical	10	10	0
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	490	477	13
			Dry and Critical	203	215	-12

Water Supply Reliability				ALT4	NAA	ALT4 minus NAA
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	3	3	0
			Dry and Critical	2	2	0
SAN FRANCISCO BAY HYDROLOGIC REGION						
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	266	265	1
			Dry and Critical	260	261	-1
CVP Ag	Contract Delivery (annual average)	(TAF/year)	Long Term	44	43	1
			Dry and Critical	16	17	-1
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	188	180	8
			Dry and Critical	122	114	8
CENTRAL COAST HYDROLOGIC REGION						
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	39	36	3
			Dry and Critical	23	21	3
TULARE LAKE HYDROLOGIC REGION (NOT INCLUDING FRIANT-KERN CANAL WATER USERS)						
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	14	14	0
			Dry and Critical	13	13	0
CVP Ag	Contract Delivery (annual average - includes Cross Valley Canal)	(TAF/year)	Long Term	600	583	17
			Dry and Critical	226	243	-16
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	75	71	5
			Dry and Critical	40	36	4
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	596	555	41
			Dry and Critical	312	279	33

Water Supply Reliability				ALT4	NAA	ALT4 minus NAA
SOUTH LAHONTAN HYDROLOGIC REGION						
SWP M&I	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	247	228	20
			Dry and Critical	154	135	19
SOUTH COAST HYDROLOGIC REGION						
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	1,230	1,151	79
			Dry and Critical	673	601	72
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	7	7	0
			Dry and Critical	3	3	0
TOTAL FOR ALL REGIONS						
Total Supplies	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	8,410	8,241	169
			Dry and Critical	6,399	6,345	53

Long-term average is the average quantity for the period of October 1921–September 2021. Dry and critical year average is the average quantity for the combination of the State Water Resources Control Board D-1641 40-30-30 dry and critical dry years for the period of October 1921–September 2021.

Some values have changed since the 2024 LTO FEIS due to change methodology that resulted in rounding differences. These changes in values do not result in significant changes to the effects analysis.

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SWP = State Water Project

TAF = thousand acre-feet

Table F.2.4-14. CalSim 3 Water Supply Summary Report, by Type, Long-Term Average and Dry and Critical Year Averages

Water Supply Reliability				ALT4	NAA	ALT4 minus NAA
NORTH OF DELTA						
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	313	311	2
			Dry and Critical	197	199	-2
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	253	253	0
			Dry and Critical	263	263	0
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	0	0	0
			Dry and Critical	0	0	0
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	106	104	2
			Dry and Critical	84	82	2
TOTAL CVP NORTH OF DELTA						
Total CVP Ag and M&I	Contract Delivery (CVP) (annual average)	(TAF/year)	Long Term	566	564	2
			Dry and Critical	460	462	-2
TOTAL SWP NORTH OF DELTA						
Total SWP Ag and M&I	Contract Delivery (SWP) (annual average)	(TAF/year)	Long Term	106	104	2
			Dry and Critical	84	82	2
TOTAL NORTH OF DELTA						
Total Ag and M&I Deliveries	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	672	668	4
			Dry and Critical	544	543	0
SOUTH OF DELTA						
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	1,133	1,102	30
			Dry and Critical	446	475	-29

Water Supply Reliability				ALT4	NAA	ALT4 minus NAA
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	129	128	1
			Dry and Critical	94	94	0
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	606	565	42
			Dry and Critical	317	284	34
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	1,715	1,601	115
			Dry and Critical	962	855	107
TOTAL CVP SOUTH OF DELTA						
Total CVP Ag and M&I	Contract Delivery (CVP) (annual average)	(TAF/year)	Long Term	1,262	1,230	32
			Dry and Critical	539	569	-29
TOTAL SWP SOUTH OF DELTA						
Total SWP Ag and M&I	Contract Delivery (SWP) (annual average)	(TAF/year)	Long Term	2,322	2,165	156
			Dry and Critical	1,279	1,139	140
TOTAL SOUTH OF DELTA						
Total Ag and M&I Deliveries	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	3,583	3,396	188
			Dry and Critical	1,818	1,708	111

Long-term average is the average quantity for the period of October 1921–September 2021. Dry and critical year average is the average quantity for the combination of the State Water Resources Control Board D-1641 40-30-30 dry and critical dry years for the period of October 1921–September 2021.

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SWP = State Water Project

TAF = thousand acre-feet

Table F.2.4-15. CalSim 3 Water Summary Report, by Region and Type, Long-Term Average and Dry and Critical Year Averages

Water Supply Reliability				Action 5	NAA	Action 5 minus NAA
SACRAMENTO RIVER HYDROLOGIC REGION						
CVP Settlement	Contract Delivery (annual average)	(TAF/year)	Long Term	1,724	1,830	-106
			Dry and Critical	1,669	1,824	-156
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	183	183	0
			Dry and Critical	180	181	-1
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	112	102	9
			Dry and Critical	93	86	7
CVP Ag	Contract Delivery (annual average - does not include Settlement contractors)	(TAF/year)	Long Term	315	311	4
			Dry and Critical	203	199	4
SWP FRSA	Contract Delivery (annual average)	(TAF/year)	Long Term	1,043	1,088	-45
			Dry and Critical	1,011	1,066	-55
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	47	40	6
			Dry and Critical	37	30	6
SAN JOAQUIN RIVER HYDROLOGIC REGION (NOT INCLUDING FRIANT-KERN AND MADERA CANAL WATER USERS)						
CVP Exchange	Contract Delivery (annual average)	(TAF/year)	Long Term	807	806	1
			Dry and Critical	772	769	3
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	256	256	0
			Dry and Critical	242	242	0
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	13	13	0
			Dry and Critical	10	10	0

Water Supply Reliability				Action 5	NAA	Action 5 minus NAA
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	478	477	1
			Dry and Critical	215	215	0
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	3	3	0
			Dry and Critical	2	2	0
SAN FRANCISCO BAY HYDROLOGIC REGION						
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	271	265	5
			Dry and Critical	268	261	8
CVP Ag	Contract Delivery (annual average)	(TAF/year)	Long Term	45	43	2
			Dry and Critical	19	17	2
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	192	180	13
			Dry and Critical	125	114	11
CENTRAL COAST HYDROLOGIC REGION						
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	40	36	4
			Dry and Critical	24	21	4
TULARE LAKE HYDROLOGIC REGION (NOT INCLUDING FRIANT-KERN CANAL WATER USERS)						
CVP Refuge Level 2	Contract Delivery (annual average)	(TAF/year)	Long Term	14	14	0
			Dry and Critical	13	13	0
CVP Ag	Contract Delivery (annual average - includes Cross Valley Canal)	(TAF/year)	Long Term	607	583	24
			Dry and Critical	256	243	13
SWP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	77	71	6
			Dry and Critical	41	36	5
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	619	555	63
			Dry and Critical	319	279	40

Water Supply Reliability				Action 5	NAA	Action 5 minus NAA
SOUTH LAHONTAN HYDROLOGIC REGION						
SWP M&I	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	257	228	29
			Dry and Critical	167	135	32
SOUTH COAST HYDROLOGIC REGION						
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	1,269	1,151	118
			Dry and Critical	690	601	89
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	7	7	1
			Dry and Critical	3	3	1
TOTAL FOR ALL REGIONS						
Total Supplies	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	8,379	8,241	138
			Dry and Critical	6,361	6,345	15

Long-term average is the average quantity for the period of October 1921–September 2021. Dry and critical year average is the average quantity for the combination of the State Water Resources Control Board D-1641 40-30-30 dry and critical dry years for the period of October 1921–September 2021.

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M&I = municipal and industrial

SWP = State Water Project

TAF = thousand acre-feet

Table F.2.4-16. CalSim 3 Water Supply Summary Report, by Type, Long-Term Average and Dry and Critical Year Averages

Water Supply Reliability				Action 5	NAA	Action 5 minus NAA
NORTH OF DELTA						
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	315	311	4
			Dry and Critical	203	199	4
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	264	253	11
			Dry and Critical	275	263	12
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	0	0	0
			Dry and Critical	0	0	0
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	110	104	6
			Dry and Critical	88	82	6
TOTAL CVP NORTH OF DELTA						
Total CVP Ag and M&I	Contract Delivery (CVP) (annual average)	(TAF/year)	Long Term	580	564	16
			Dry and Critical	478	462	16
TOTAL SWP NORTH OF DELTA						
Total SWP Ag and M&I	Contract Delivery (SWP) (annual average)	(TAF/year)	Long Term	110	104	6
			Dry and Critical	88	82	6
TOTAL NORTH OF DELTA						
Total Ag and M&I Deliveries	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	690	668	22
			Dry and Critical	566	543	22
SOUTH OF DELTA						
CVP Ag	Contract Delivery (annual average; does not include Exchange contractors)	(TAF/year)	Long Term	1,131	1,102	28
			Dry and Critical	490	475	15

Water Supply Reliability				Action 5	NAA	Action 5 minus NAA
CVP M&I	Contract Delivery (annual average)	(TAF/year)	Long Term	131	128	4
			Dry and Critical	97	94	3
SWP Ag	Contract Delivery (including Article 21) (annual average)	(TAF/year)	Long Term	629	565	64
			Dry and Critical	325	284	41
SWP M&I	Contract Delivery (including Article 21, includes transfers to SWP contractors) (annual average)	(TAF/year)	Long Term	1,771	1,601	170
			Dry and Critical	997	855	141
TOTAL CVP SOUTH OF DELTA						
Total CVP Ag and M&I	Contract Delivery (CVP) (annual average)	(TAF/year)	Long Term	1,262	1,230	32
			Dry and Critical	587	569	18
TOTAL SWP SOUTH OF DELTA						
Total SWP Ag and M&I	Contract Delivery (SWP) (annual average)	(TAF/year)	Long Term	2,400	2,165	234
			Dry and Critical	1,321	1,139	182
TOTAL SOUTH OF DELTA						
Total Ag and M&I Deliveries	Contract Delivery (CVP, SWP and other) (annual average)	(TAF/year)	Long Term	3,662	3,396	266
			Dry and Critical	1,908	1,708	201

Long-term average is the average quantity for the period of October 1921–September 2021. Dry and critical year average is the average quantity for the combination of the State Water Resources Control Board D-1641 40-30-30 dry and critical dry years for the period of October 1921–September 2021.

Some values have changed since the 2024 LTO FEIS due to change methodology that resulted in rounding differences. These changes in values do not result in significant changes to the effects analysis.

Ag = Agricultural

CVP = Central Valley Project

FRSA = Feather River Service Allocation

M&I = municipal and industrial

SWP = State Water Project

TAF = thousand acre-feet

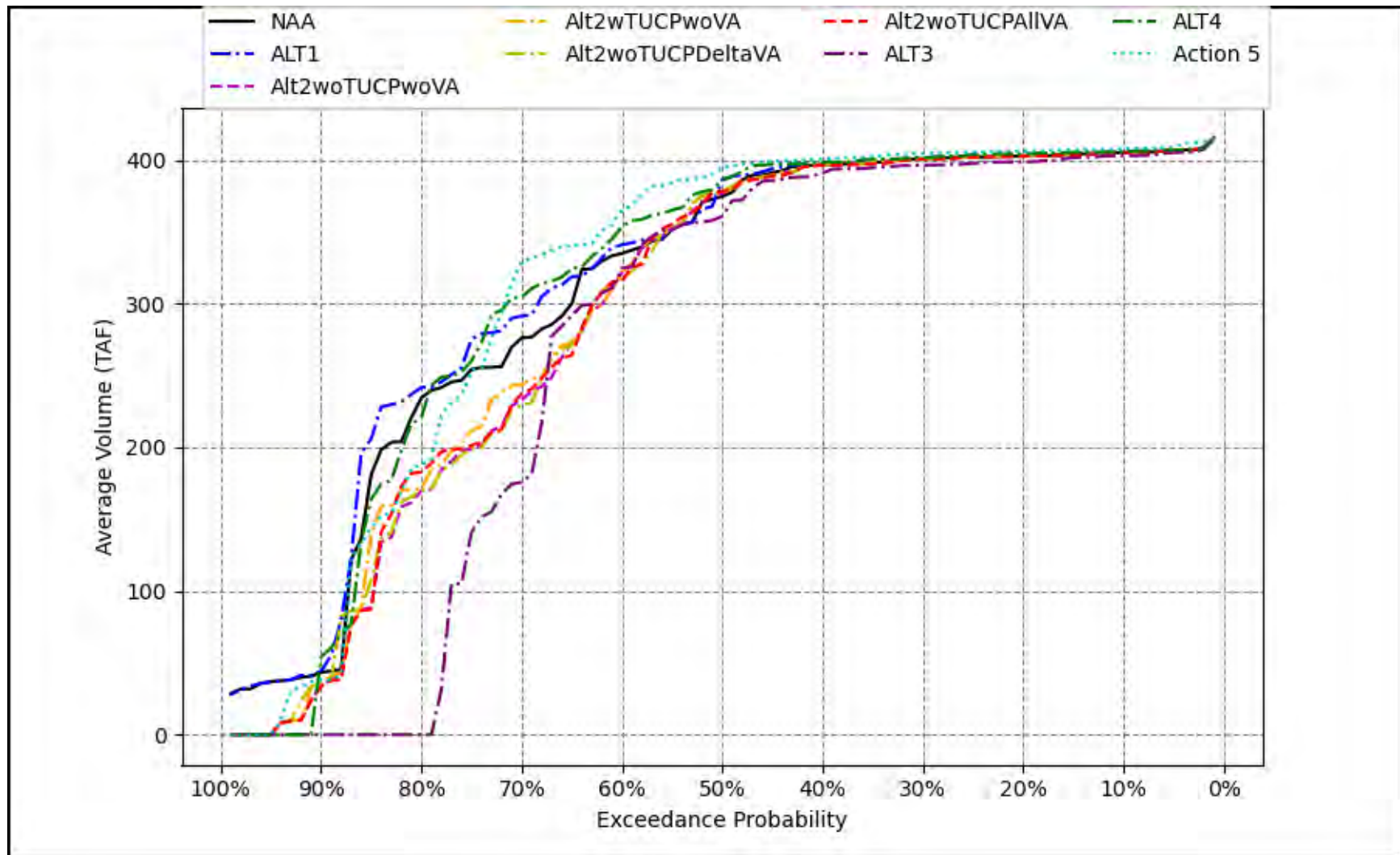


Figure F.2.4-1. CVP North of Delta Agricultural Water Service Contract Deliveries, Annual (Mar-Feb)

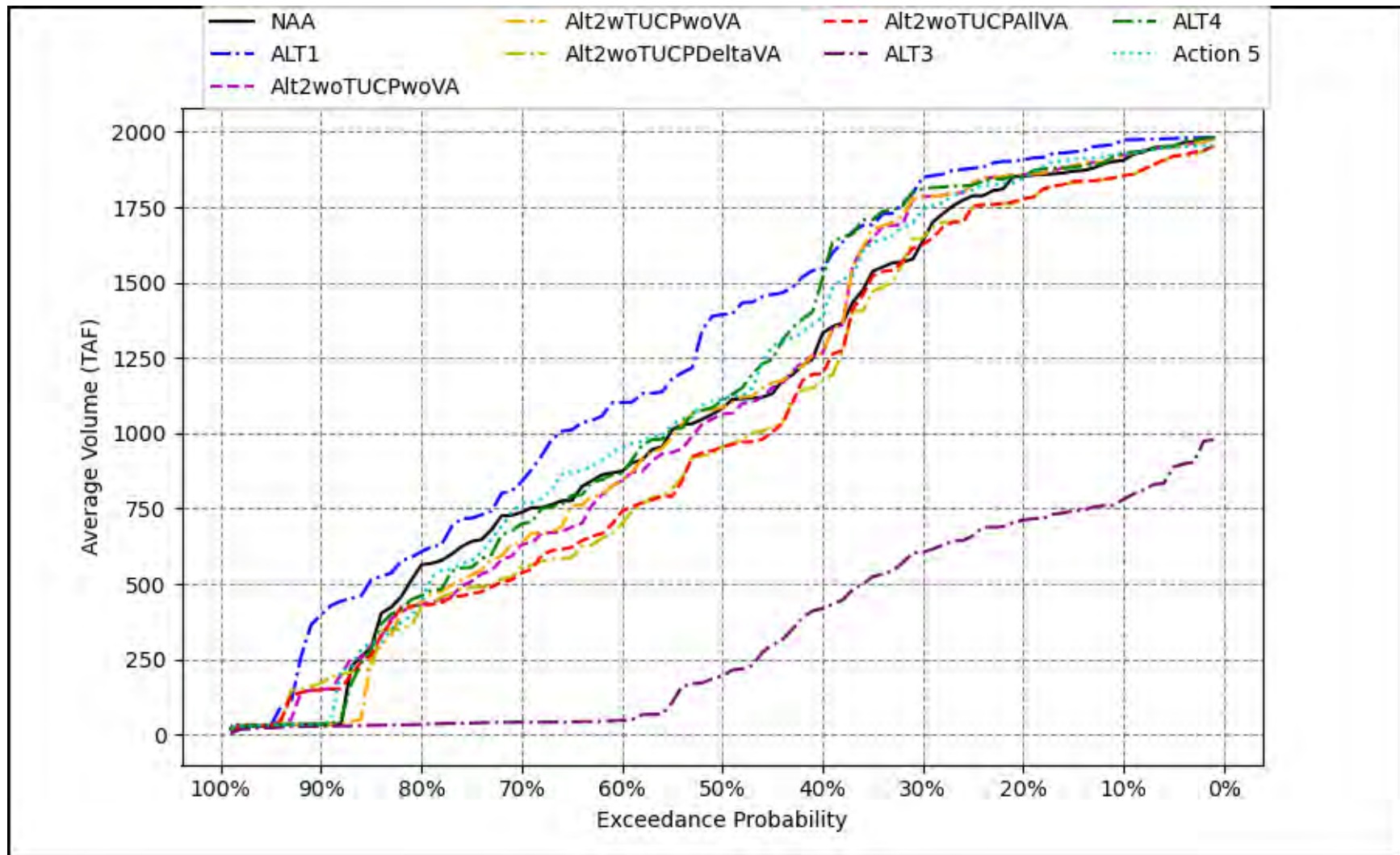


Figure F.2.4-2. CVP South of Delta Agricultural Water Service Contract Deliveries, Annual (Mar-Feb)

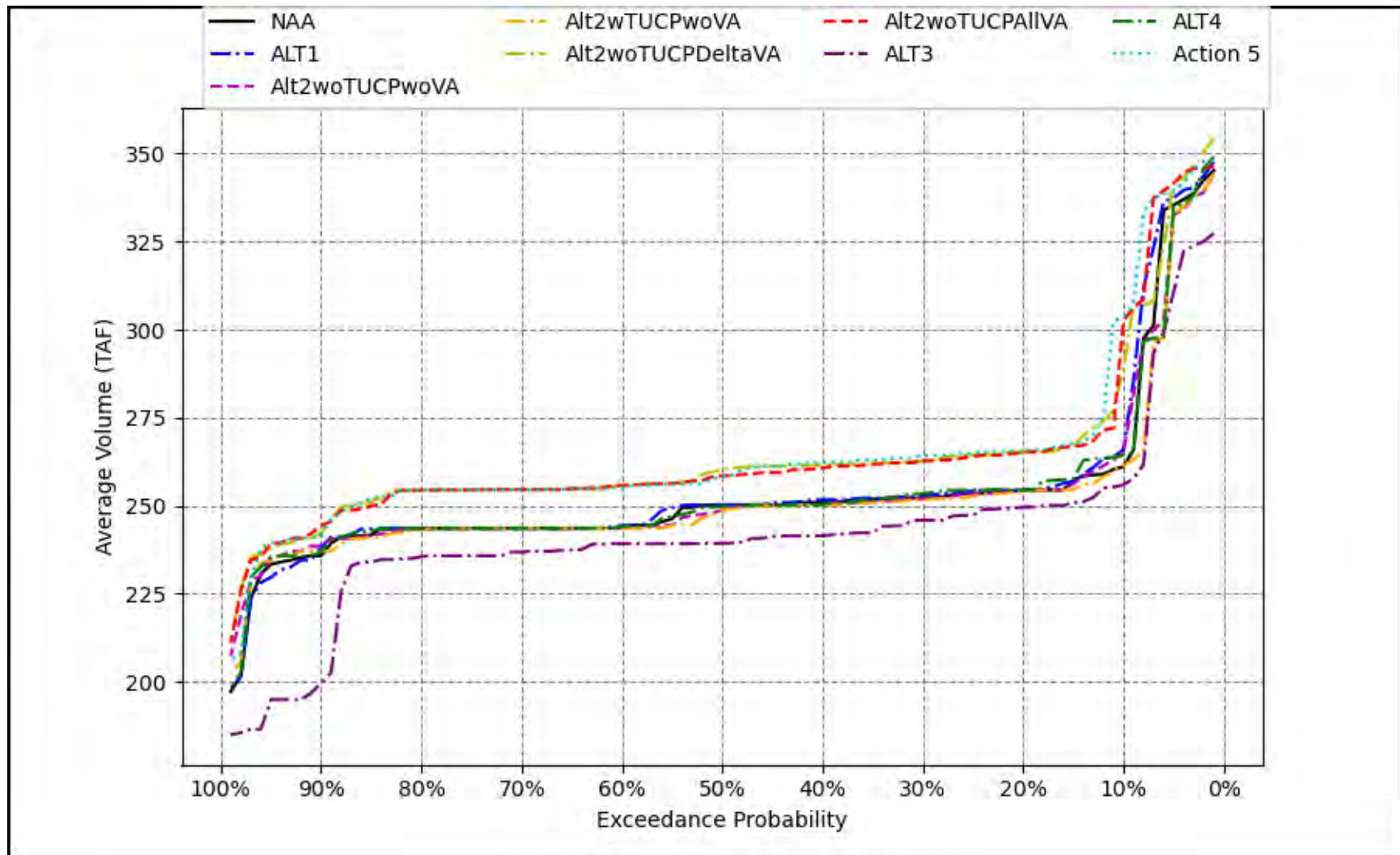


Figure F.2.4-3. CVP North of Delta M&I Water Service Contract Deliveries, Annual (Mar-Feb)

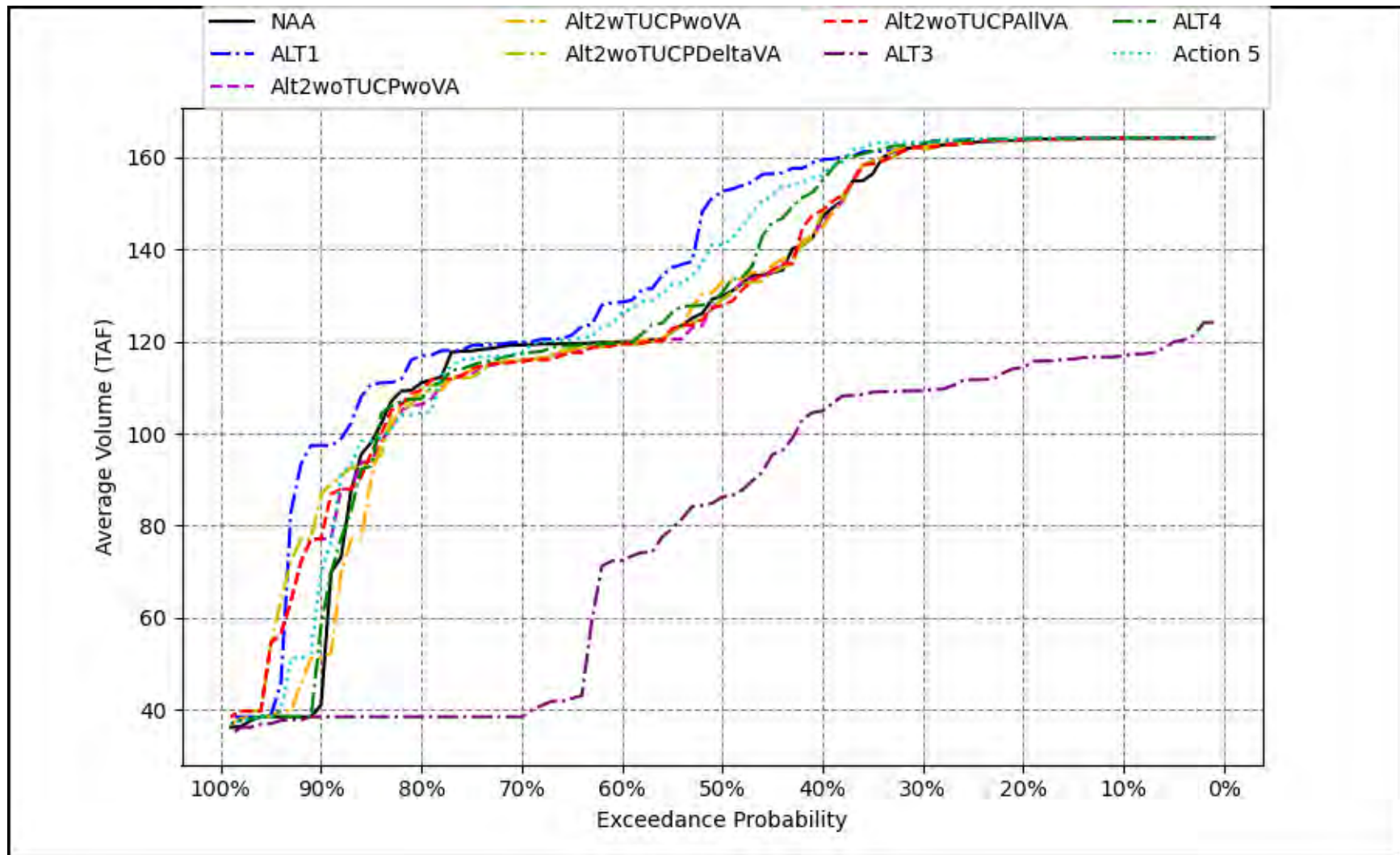


Figure F.2.4-4. CVP South of Delta M&I Water Service Contract Deliveries, Annual (Mar-Feb)

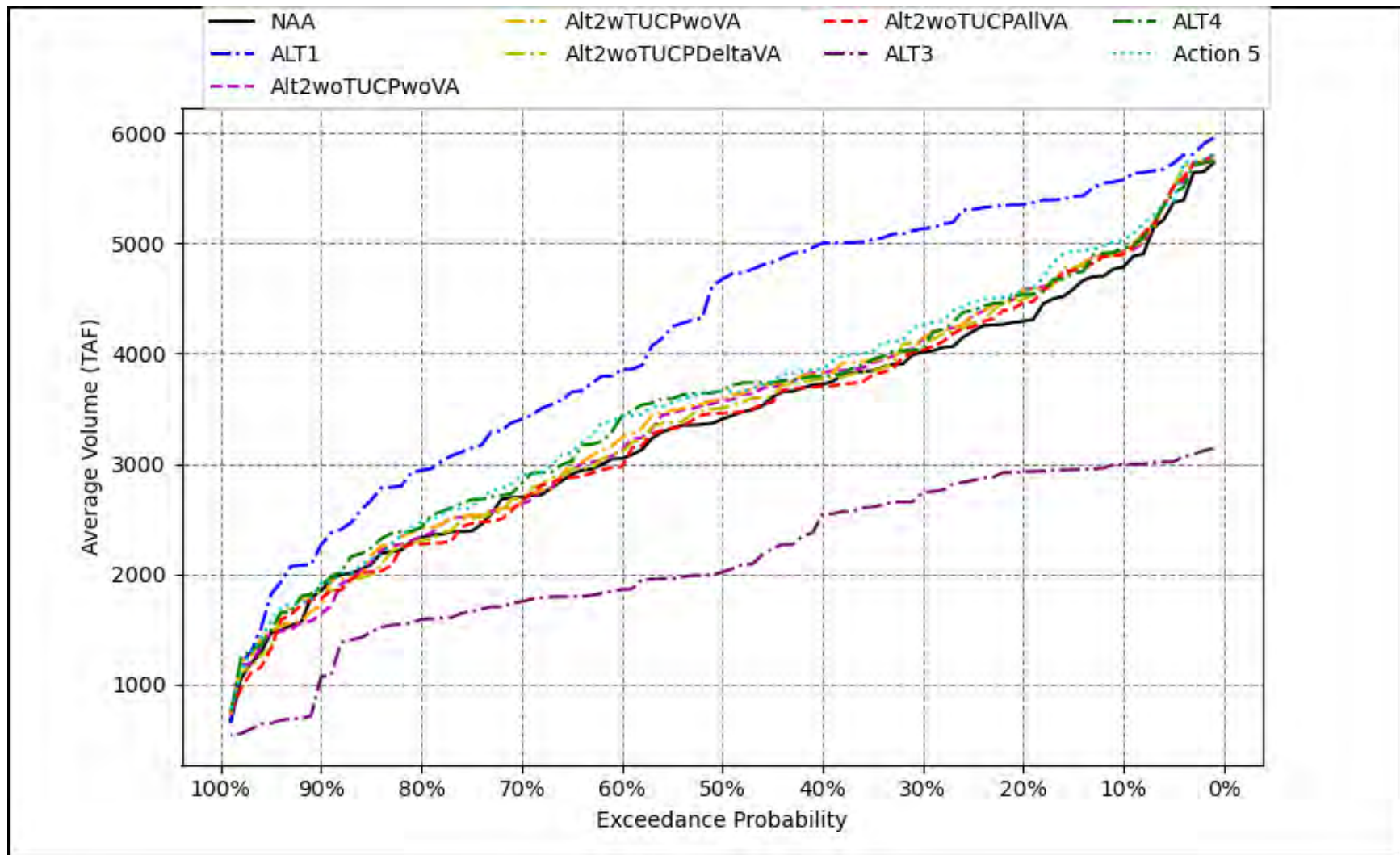


Figure F.2.4-5. Total SWP Deliveries, Annual (Jan-Dec)

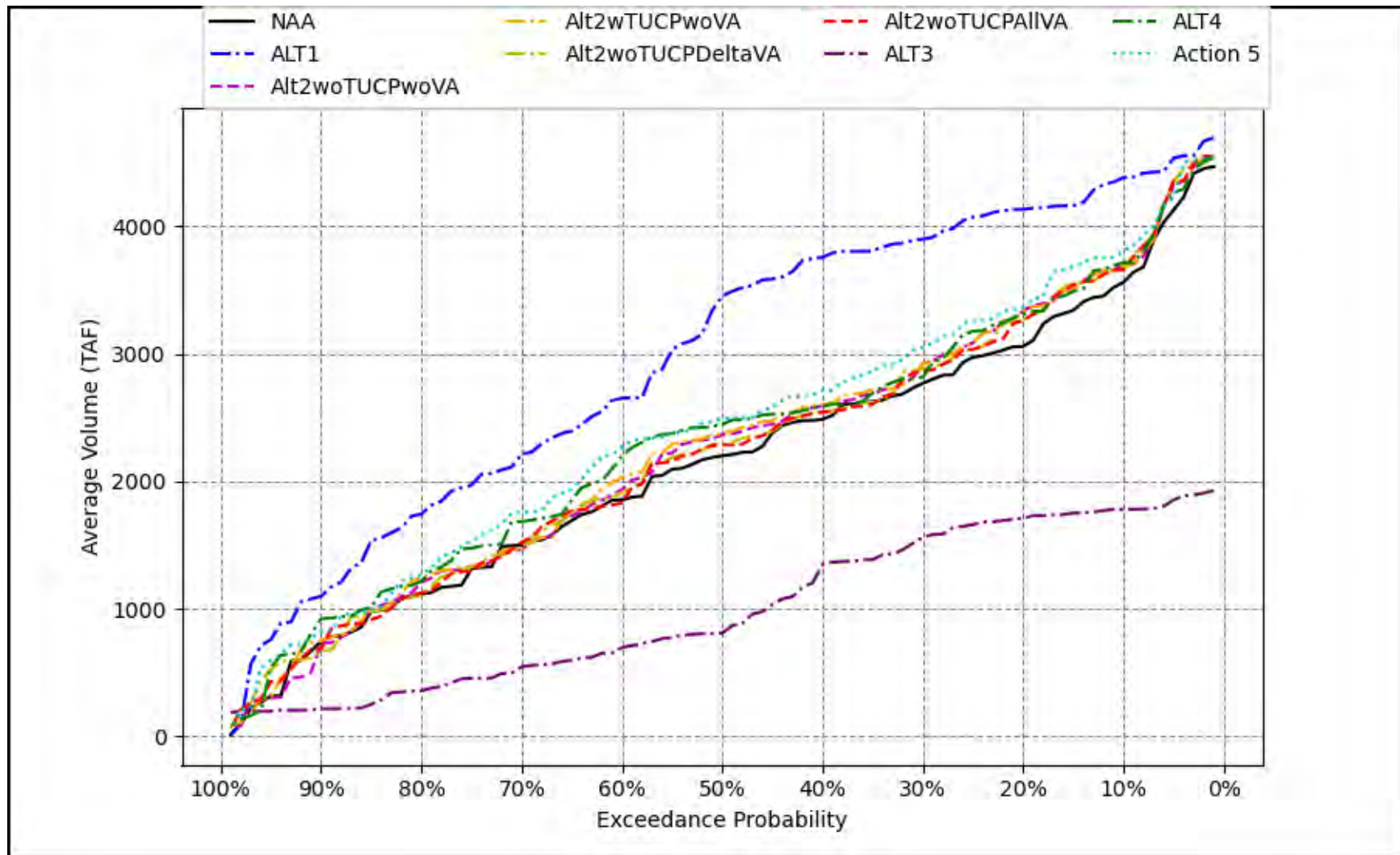


Figure F.2.4-6. Total SWP South of Delta Deliveries including Article 21 and 56, Annual (Jan-Dec)

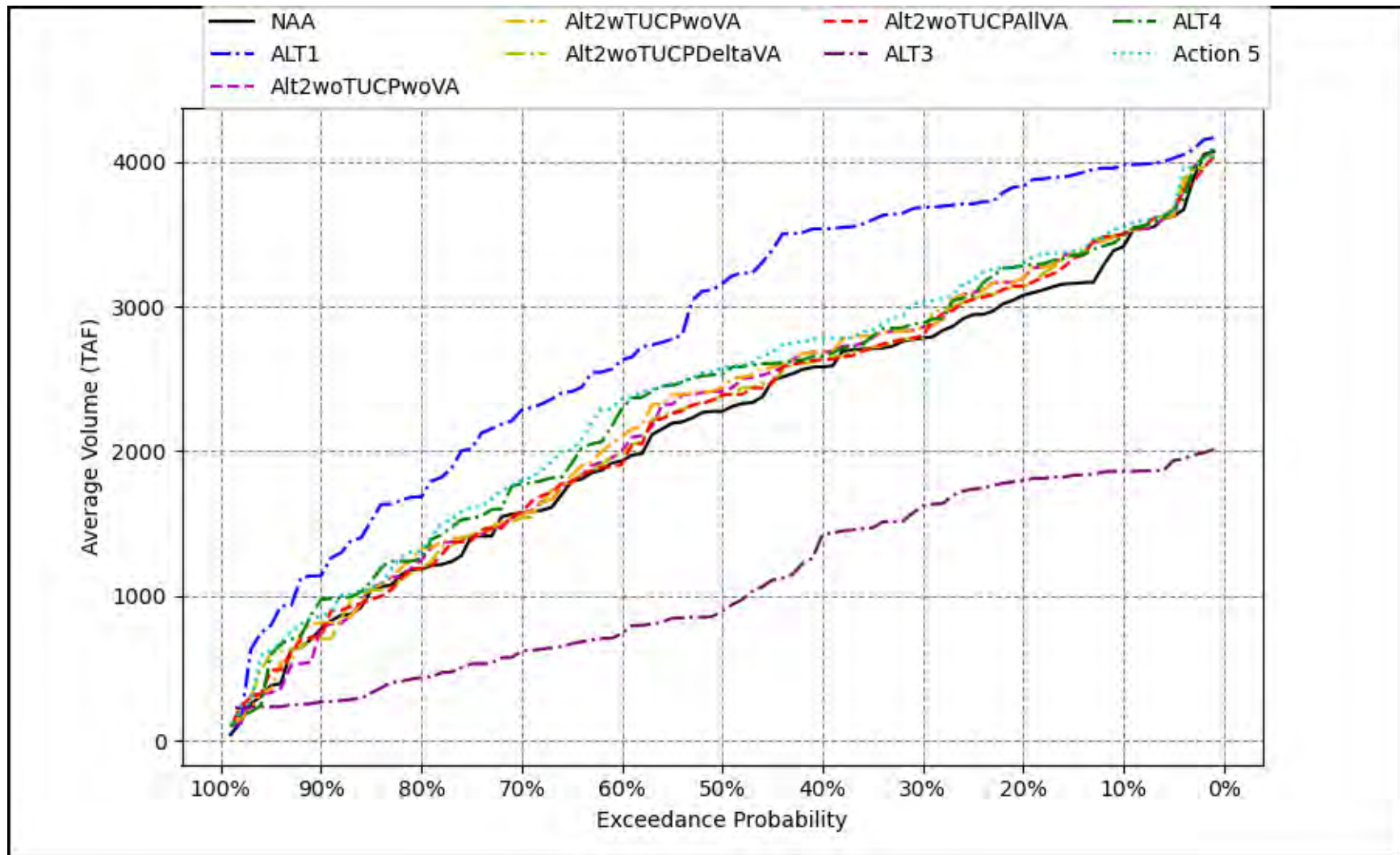


Figure F.2.4-7. SWP Table A Deliveries with Article 56, Annual (Jan-Dec)

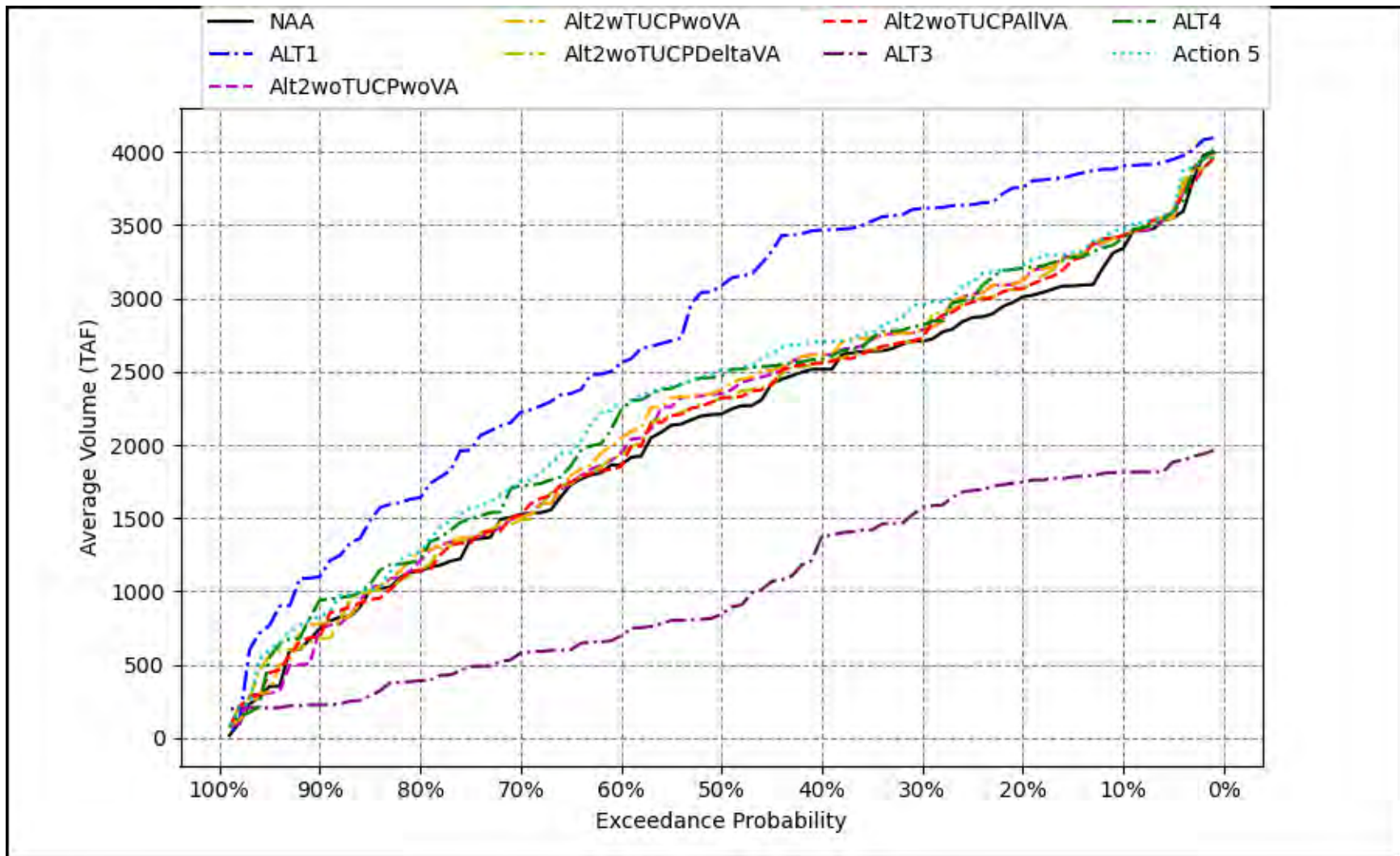


Figure F.2.4-8. SWP South of Delta Table A Deliveries with Article 56, Annual (Jan-Dec)

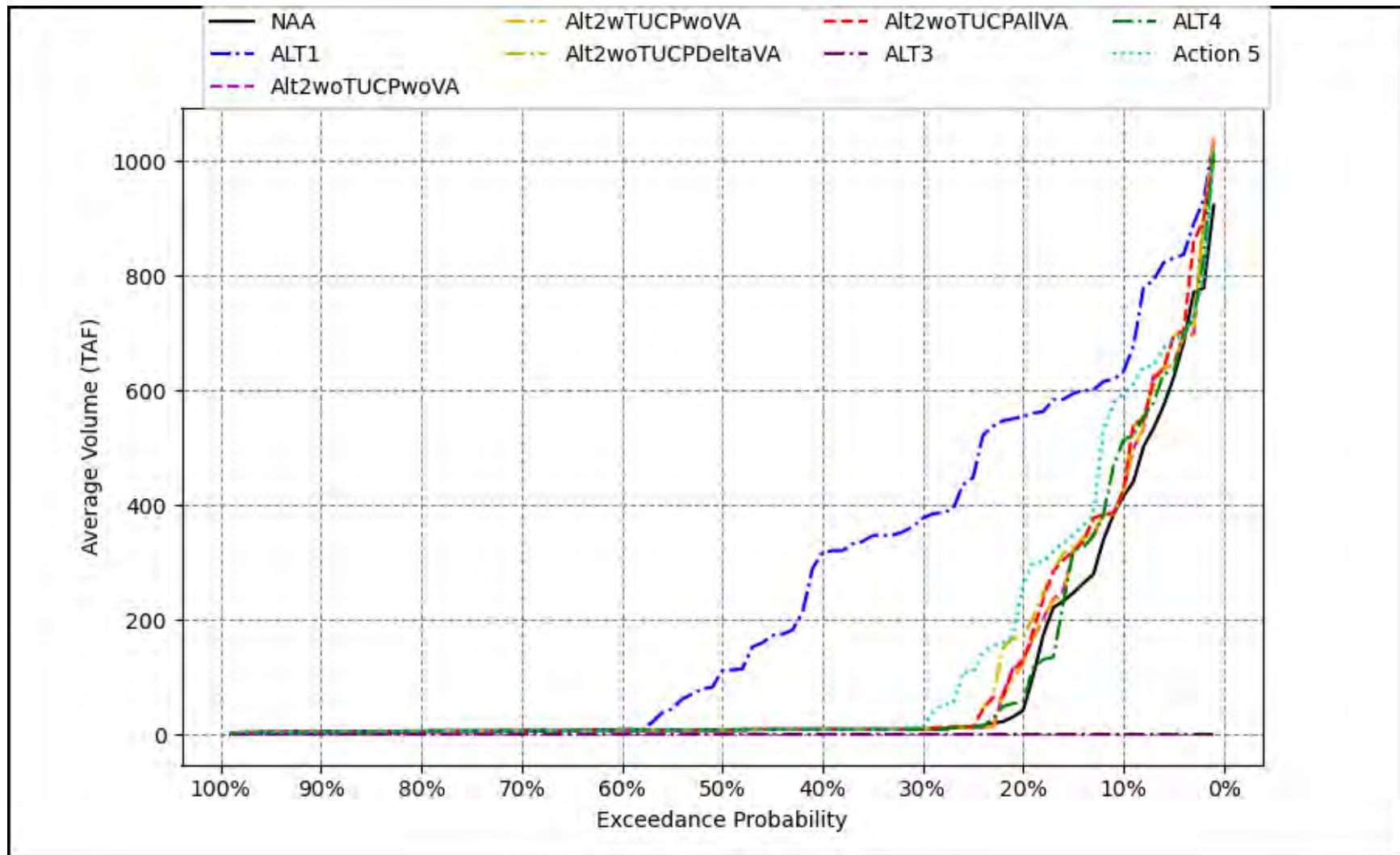


Figure F.2.4-9. SWP Article 21 Deliveries, Annual (Jan-Dec)

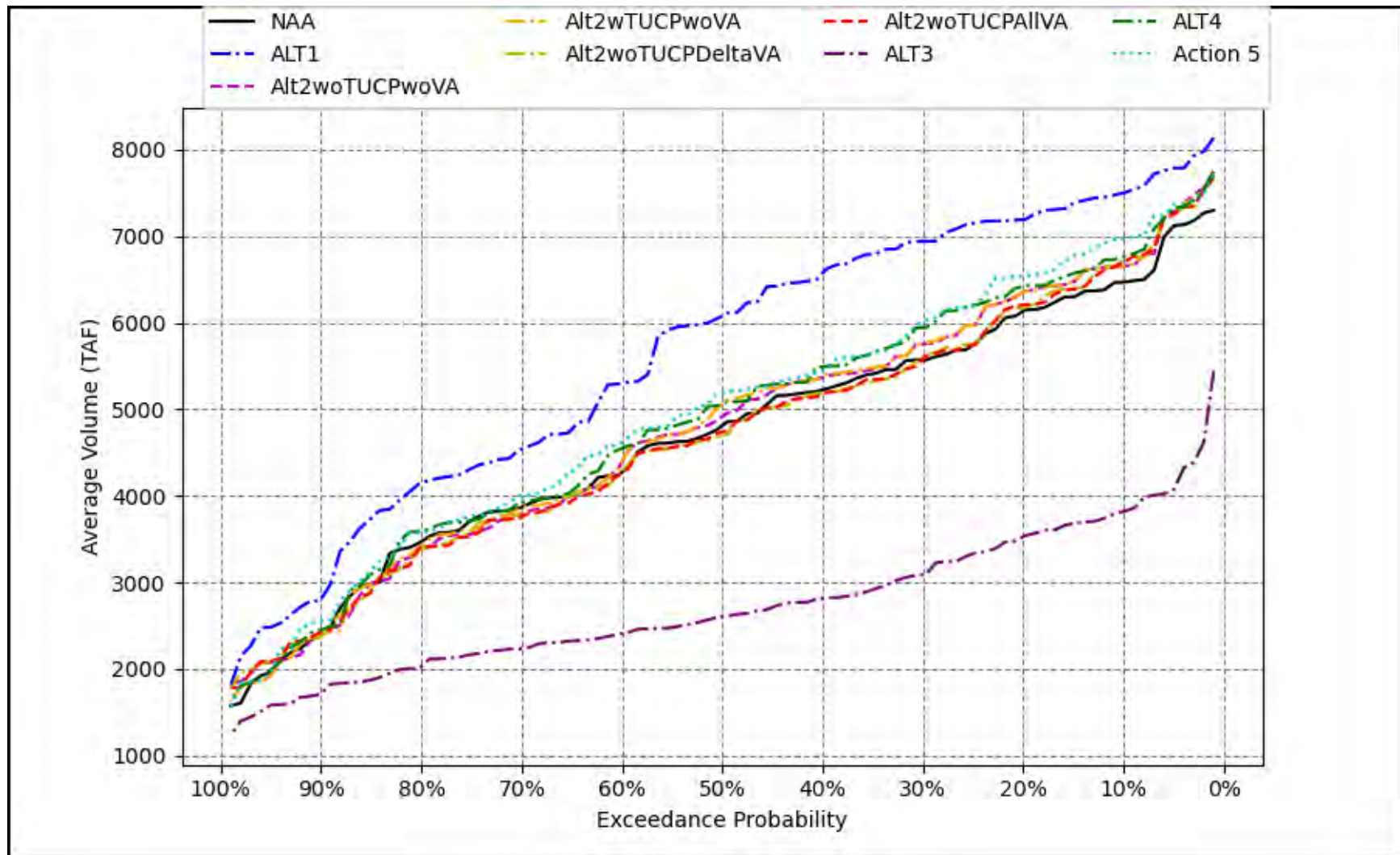


Figure F.2.4-10. Total Delta Exports, Annual (Oct-Sep)

Appendix F, Modeling

Attachment F.2-5

DSM2 - Salinity

F.2.5-1 Results

The following results of the DSM2 QUAL model with 2022 Median climate conditions and 15 cm sea level rise are included for salinity results at key project locations for the following alternatives:

- No Action Alternative 090723 (NAA)
- Alt1 090923 (ALT1)
- Alt2woTUCPDeltaVA 091324 (Alt2woTUCPwoVA)
- Alt2woTUCPDeltaVA 091324 (Alt2woTUCPDeltaVA)
- Alt2woTUCPAllVA 091324 (Alt2woTUCPAllVA)
- Alt2wTUCPwoVA 091324 (Alt2wTUCPwoVA)
- Alt3 101323 (ALT3)
- Alt4 091624 (ALT4)
- Action 5 052125 (Action 5)

Section	Output Parameters	Table Numbers	Figure Numbers
Salinity	Sacramento River downstream of Steamboat Slough Salinity	F.2.5-1-1a to F.2.5-1-8c	F.2.5-1-1 to F.2.5-1-18
Salinity	Cache Slough at Ryer Island Salinity	F.2.5-2-1a to F.2.5-2-8c	F.2.5-2-1 to F.2.5-2-18
Salinity	Sacramento River downstream of Georgiana Slough Salinity	F.2.5-3-1a to F.2.5-3-8c	F.2.5-3-1 to F.2.5-3-18
Salinity	Sacramento River at Emmaton Salinity	F.2.5-4-1a to F.2.5-4-8c	F.2.5-4-1 to F.2.5-4-18

Section	Output Parameters	Table Numbers	Figure Numbers
Salinity	Sacramento River at Rio Vista Salinity	F.2.5-5-1a to F.2.5-5-8c	F.2.5-5-1 to F.2.5-5-18
Salinity	San Joaquin River at Vernalis Salinity (40-30-30)	F.2.5-6-1a to F.2.5-6-8c	F.2.5-6-1 to F.2.5-6-18
Salinity	San Joaquin River at Vernalis Salinity (60-20-20)	F.2.5-7-1a to F.2.5-7-8c	F.2.5-7-1 to F.2.5-7-18
Salinity	San Joaquin River at Jersey Point Salinity	F.2.5-8-1a to F.2.5-8-8c	F.2.5-8-1 to F.2.5-8-18
Salinity	Old River at Rock Slough Salinity	F.2.5-9-1a to F.2.5-9-8c	F.2.5-9-1 to F.2.5-9-18
Salinity	San Joaquin River at Antioch Salinity	F.2.5-10-1a to F.2.5-10-8c	F.2.5-10-1 to F.2.5-10-18
Salinity	Sacramento River at Mallard Slough Salinity	F.2.5-11-1a to F.2.5-11-8c	F.2.5-11-1 to F.2.5-11-18
Salinity	Sacramento River at Collinsville Salinity	F.2.5-12-1a to F.2.5-12-8c	F.2.5-12-1 to F.2.5-12-18
Salinity	Chipps Island North Channel Salinity	F.2.5-13-1a to F.2.5-13-8c	F.2.5-13-1 to F.2.5-13-18
Salinity	Chipps Island South Channel Salinity	F.2.5-14-1a to F.2.5-14-8c	F.2.5-14-1 to F.2.5-14-18
Salinity	Sacramento River at Port Chicago Salinity	F.2.5-15-1a to F.2.5-15-8c	F.2.5-15-1 to F.2.5-15-18
Salinity	Jones Pumping Plant South Delta Exports Salinity	F.2.5-16-1a to F.2.5-16-8c	F.2.5-16-1 to F.2.5-16-18
Salinity	Banks Pumping Plant South Delta Exports Salinity	F.2.5-17-1a to F.2.5-17-8c	F.2.5-17-1 to F.2.5-17-18
Salinity	Old River at Highway 4	F.2.5-18-1a to F.2.5-18-8c	F.2.5-18-1 to F.2.5-18-18
Salinity	Victoria Canal	F.2.5-19-1a to F.2.5-19-8c	F.2.5-19-1 to F.2.5-19-18

F.2.5-2 Report Formats

Reports include monthly tables, monthly pattern charts, and monthly exceedance charts.

- Monthly tables include a comparison of an alternative and the No Action Alternative (exceedance values, long-term average, and average by water year type) by subtracting the values in the No Action Alternative table (the table presented at the top of the page) from the values in the alternative table (the second table from the top of the page).

- Monthly pattern charts (long-term average and average by water year type) present all alternatives.
- Monthly exceedance charts (all months) present all alternatives.

F.2.5-3 Sacramento River downstream of Steamboat Slough Salinity

Table F.2.5-3-1 a. Sacramento River downstream of Steamboat Slough Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	179	178	177	176	176	175	176	176
20% Exceedance	176	177	177	178	178	178	176	176	175	175	175	175
30% Exceedance	176	176	177	177	178	177	176	176	175	175	175	175
40% Exceedance	176	176	177	177	177	177	176	175	175	175	175	175
50% Exceedance	175	176	177	177	177	177	176	175	175	175	175	175
60% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	176	176	176	175	175	175	175	175
90% Exceedance	175	175	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	177	177	176	175	175	175	175	175
Wet Years (27.7%)	175	176	176	176	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	176	177	177	177	177	176	175	175	175	175	175
Dry Years (23.8%)	176	176	177	177	178	177	176	175	175	175	175	175
Critical Years (15.8%)	176	176	178	177	179	178	177	176	176	175	176	175

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-1 b. Sacramento River downstream of Steamboat Slough Salinity, ALT1, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	179	178	176	176	176	175	175	176
20% Exceedance	176	177	177	177	178	178	176	176	175	175	175	175
30% Exceedance	176	176	177	177	178	177	176	176	175	175	175	175
40% Exceedance	176	176	177	177	177	177	176	175	175	175	175	175
50% Exceedance	175	176	176	177	177	177	176	175	175	175	175	175
60% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	176	176	176	175	175	175	175	175
90% Exceedance	175	175	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	177	177	176	175	175	175	175	175
Wet Years (27.7%)	175	176	176	176	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	176	176	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	176	177	177	177	177	176	175	175	175	175	175
Dry Years (23.8%)	176	176	177	177	178	177	176	175	175	175	175	175
Critical Years (15.8%)	176	177	178	177	179	178	176	176	176	175	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-1 c. Sacramento River downstream of Steamboat Slough Salinity, ALT1 Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
20% Exceedance	0	0	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
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-2 a. Sacramento River downstream of Steamboat Slough Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	179	178	177	176	176	175	176	176
20% Exceedance	176	177	177	178	178	178	176	176	175	175	175	175
30% Exceedance	176	176	177	177	178	177	176	176	175	175	175	175
40% Exceedance	176	176	177	177	177	177	176	175	175	175	175	175
50% Exceedance	175	176	177	177	177	177	176	175	175	175	175	175
60% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	176	176	176	175	175	175	175	175
90% Exceedance	175	175	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	177	177	176	175	175	175	175	175
Wet Years (27.7%)	175	176	176	176	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	176	177	177	177	177	176	175	175	175	175	175
Dry Years (23.8%)	176	176	177	177	178	177	176	175	175	175	175	175
Critical Years (15.8%)	176	176	178	177	179	178	177	176	176	175	176	175

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-2 b. Sacramento River downstream of Steamboat Slough Salinity, Alt2woTUCPwoVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	179	178	176	176	176	175	176	176
20% Exceedance	176	177	177	177	178	178	176	176	175	175	175	175
30% Exceedance	176	176	177	177	178	177	176	176	175	175	175	175
40% Exceedance	176	176	177	177	177	177	176	175	175	175	175	175
50% Exceedance	175	176	177	177	177	177	176	175	175	175	175	175
60% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	176	176	176	175	175	175	175	175
90% Exceedance	175	175	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	177	177	176	175	175	175	175	175
Wet Years (27.7%)	175	176	176	176	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	175	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	176	177	177	177	177	176	175	175	175	175	175
Dry Years (23.8%)	176	176	177	177	178	177	176	175	175	175	175	175
Critical Years (15.8%)	176	176	178	177	179	178	176	176	176	175	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-2 c. Sacramento River downstream of Steamboat Slough Salinity, Alt2woTUCPwoVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
20% Exceedance	0	0	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
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-3 a. Sacramento River downstream of Steamboat Slough Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	179	178	177	176	176	175	176	176
20% Exceedance	176	177	177	178	178	178	176	176	175	175	175	175
30% Exceedance	176	176	177	177	178	177	176	176	175	175	175	175
40% Exceedance	176	176	177	177	177	177	176	175	175	175	175	175
50% Exceedance	175	176	177	177	177	177	176	175	175	175	175	175
60% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	176	176	176	175	175	175	175	175
90% Exceedance	175	175	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	177	177	176	175	175	175	175	175
Wet Years (27.7%)	175	176	176	176	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	176	177	177	177	177	176	175	175	175	175	175
Dry Years (23.8%)	176	176	177	177	178	177	176	175	175	175	175	175
Critical Years (15.8%)	176	176	178	177	179	178	177	176	176	175	176	175

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-3 b. Sacramento River downstream of Steamboat Slough Salinity, Alt2wTUCPwoVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	179	178	177	176	176	175	176	176
20% Exceedance	176	177	177	177	178	178	176	176	175	175	175	175
30% Exceedance	176	176	177	177	178	177	176	176	175	175	175	175
40% Exceedance	176	176	177	177	177	177	176	175	175	175	175	175
50% Exceedance	175	176	177	177	177	177	176	175	175	175	175	175
60% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	176	176	176	175	175	175	175	175
90% Exceedance	175	175	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	177	177	176	175	175	175	175	175
Wet Years (27.7%)	175	176	176	176	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	175	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	176	177	177	177	177	176	175	175	175	175	175
Dry Years (23.8%)	176	176	177	177	178	177	176	175	175	175	175	175
Critical Years (15.8%)	176	176	178	177	179	178	177	176	176	175	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-3 c. Sacramento River downstream of Steamboat Slough Salinity, Alt2wTUCPwoVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
20% Exceedance	0	0	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
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-4 a. Sacramento River downstream of Steamboat Slough Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	179	178	177	176	176	175	176	176
20% Exceedance	176	177	177	178	178	178	176	176	175	175	175	175
30% Exceedance	176	176	177	177	178	177	176	176	175	175	175	175
40% Exceedance	176	176	177	177	177	177	176	175	175	175	175	175
50% Exceedance	175	176	177	177	177	177	176	175	175	175	175	175
60% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	176	176	176	175	175	175	175	175
90% Exceedance	175	175	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	177	177	176	175	175	175	175	175
Wet Years (27.7%)	175	176	176	176	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	176	177	177	177	177	176	175	175	175	175	175
Dry Years (23.8%)	176	176	177	177	178	177	176	175	175	175	175	175
Critical Years (15.8%)	176	176	178	177	179	178	177	176	176	175	176	175

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-4 b. Sacramento River downstream of Steamboat Slough Salinity, Alt2woTUCPDeltaVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	179	178	176	176	176	175	176	176
20% Exceedance	176	177	177	177	178	178	176	176	175	175	175	175
30% Exceedance	176	176	177	177	178	177	176	176	175	175	175	175
40% Exceedance	176	176	177	177	177	177	176	175	175	175	175	175
50% Exceedance	175	176	177	177	177	177	176	175	175	175	175	175
60% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	176	176	176	175	175	175	175	175
90% Exceedance	175	175	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	177	177	176	175	175	175	175	175
Wet Years (27.7%)	175	176	176	176	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	175	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	176	177	177	177	177	176	175	175	175	175	175
Dry Years (23.8%)	176	176	177	177	178	177	176	175	175	175	175	175
Critical Years (15.8%)	176	176	178	177	179	178	176	176	176	175	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-4 c. Sacramento River downstream of Steamboat Slough Salinity, Alt2woTUCPDeltaVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
20% Exceedance	0	0	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
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-5 a. Sacramento River downstream of Steamboat Slough Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	179	178	177	176	176	175	176	176
20% Exceedance	176	177	177	178	178	178	176	176	175	175	175	175
30% Exceedance	176	176	177	177	178	177	176	176	175	175	175	175
40% Exceedance	176	176	177	177	177	177	176	175	175	175	175	175
50% Exceedance	175	176	177	177	177	177	176	175	175	175	175	175
60% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	176	176	176	175	175	175	175	175
90% Exceedance	175	175	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	177	177	176	175	175	175	175	175
Wet Years (27.7%)	175	176	176	176	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	176	177	177	177	177	176	175	175	175	175	175
Dry Years (23.8%)	176	176	177	177	178	177	176	175	175	175	175	175
Critical Years (15.8%)	176	176	178	177	179	178	177	176	176	175	176	175

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-5 b. Sacramento River downstream of Steamboat Slough Salinity, Alt2woTUCPAIIVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	179	178	176	176	176	175	175	176
20% Exceedance	176	177	177	178	178	177	176	176	175	175	175	175
30% Exceedance	176	176	177	177	178	177	176	176	175	175	175	175
40% Exceedance	176	176	177	177	177	177	176	175	175	175	175	175
50% Exceedance	175	176	177	177	177	177	176	175	175	175	175	175
60% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
90% Exceedance	175	175	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	177	177	176	175	175	175	175	175
Wet Years (27.7%)	175	176	176	176	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	175	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	176	177	177	177	177	176	175	175	175	175	175
Dry Years (23.8%)	176	176	177	177	178	177	176	175	175	175	175	175
Critical Years (15.8%)	176	177	178	177	179	178	176	176	176	175	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-5 c. Sacramento River downstream of Steamboat Slough Salinity, Alt2woTUCPALIVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	-1	0	0	0	0	0
20% Exceedance	0	0	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
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-6 a. Sacramento River downstream of Steamboat Slough Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	179	178	177	176	176	175	176	176
20% Exceedance	176	177	177	178	178	178	176	176	175	175	175	175
30% Exceedance	176	176	177	177	178	177	176	176	175	175	175	175
40% Exceedance	176	176	177	177	177	177	176	175	175	175	175	175
50% Exceedance	175	176	177	177	177	177	176	175	175	175	175	175
60% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	176	176	176	175	175	175	175	175
90% Exceedance	175	175	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	177	177	176	175	175	175	175	175
Wet Years (27.7%)	175	176	176	176	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	176	177	177	177	177	176	175	175	175	175	175
Dry Years (23.8%)	176	176	177	177	178	177	176	175	175	175	175	175
Critical Years (15.8%)	176	176	178	177	179	178	177	176	176	175	176	175

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-6 b. Sacramento River downstream of Steamboat Slough Salinity, ALT3, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	179	178	176	176	176	175	175	176
20% Exceedance	176	177	177	177	178	177	176	176	176	175	175	175
30% Exceedance	176	176	177	177	178	177	176	176	176	175	175	175
40% Exceedance	176	176	177	177	177	177	176	175	176	175	175	175
50% Exceedance	176	176	176	177	177	177	176	175	176	175	175	175
60% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	177	177	176	175	176	175	175	175
Wet Years (27.7%)	175	176	176	176	176	176	175	175	175	175	175	175
Above Normal Years (13.9%)	176	176	176	176	177	176	175	175	176	175	175	175
Below Normal Years (17.8%)	176	176	177	177	177	177	176	175	176	175	175	175
Dry Years (23.8%)	176	176	177	177	178	177	176	175	175	175	175	175
Critical Years (15.8%)	176	176	177	177	179	178	176	176	176	175	175	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-6 c. Sacramento River downstream of Steamboat Slough Salinity, ALT3 Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
20% Exceedance	0	0	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
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-7 a. Sacramento River downstream of Steamboat Slough Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	179	178	177	176	176	175	176	176
20% Exceedance	176	177	177	178	178	178	176	176	175	175	175	175
30% Exceedance	176	176	177	177	178	177	176	176	175	175	175	175
40% Exceedance	176	176	177	177	177	177	176	175	175	175	175	175
50% Exceedance	175	176	177	177	177	177	176	175	175	175	175	175
60% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	176	176	176	175	175	175	175	175
90% Exceedance	175	175	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	177	177	176	175	175	175	175	175
Wet Years (27.7%)	175	176	176	176	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	176	177	177	177	177	176	175	175	175	175	175
Dry Years (23.8%)	176	176	177	177	178	177	176	175	175	175	175	175
Critical Years (15.8%)	176	176	178	177	179	178	177	176	176	175	176	175

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-7 b. Sacramento River downstream of Steamboat Slough Salinity, ALT4, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	179	178	177	176	176	175	176	176
20% Exceedance	176	177	177	177	178	178	176	176	175	175	175	175
30% Exceedance	176	176	177	177	178	177	176	176	175	175	175	175
40% Exceedance	176	176	177	177	177	177	176	175	175	175	175	175
50% Exceedance	176	176	176	177	177	177	176	175	175	175	175	175
60% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	176	176	176	175	175	175	175	175
90% Exceedance	175	175	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	177	177	176	175	175	175	175	175
Wet Years (27.7%)	175	176	176	176	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	176	177	177	177	177	176	175	175	175	175	175
Dry Years (23.8%)	176	176	177	177	178	177	176	175	175	175	175	175
Critical Years (15.8%)	176	176	178	177	179	178	177	176	176	175	176	175

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-7 c. Sacramento River downstream of Steamboat Slough Salinity, ALT4 Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
20% Exceedance	0	0	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
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-8 a. Sacramento River downstream of Steamboat Slough Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	179	178	177	176	176	175	176	176
20% Exceedance	176	177	177	178	178	178	176	176	175	175	175	175
30% Exceedance	176	176	177	177	178	177	176	176	175	175	175	175
40% Exceedance	176	176	177	177	177	177	176	175	175	175	175	175
50% Exceedance	175	176	177	177	177	177	176	175	175	175	175	175
60% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	176	176	176	175	175	175	175	175
90% Exceedance	175	175	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	177	177	176	175	175	175	175	175
Wet Years (27.7%)	175	176	176	176	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	176	177	177	177	177	176	175	175	175	175	175
Dry Years (23.8%)	176	176	177	177	178	177	176	175	175	175	175	175
Critical Years (15.8%)	176	176	178	177	179	178	177	176	176	175	176	175

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-8 b. Sacramento River downstream of Steamboat Slough Salinity, Action 5, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	177	178	178	179	178	176	176	176	175	176	176
20% Exceedance	176	177	177	178	178	178	176	176	175	175	175	175
30% Exceedance	176	176	177	177	178	177	176	175	175	175	175	175
40% Exceedance	176	176	177	177	177	177	176	175	175	175	175	175
50% Exceedance	175	176	177	177	177	177	176	175	175	175	175	175
60% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
90% Exceedance	175	175	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	177	177	176	175	175	175	175	175
Wet Years (27.7%)	175	176	176	176	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	176	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	176	177	177	177	177	176	175	175	175	175	175
Dry Years (23.8%)	176	176	177	177	178	177	176	175	175	175	175	175
Critical Years (15.8%)	176	176	178	177	179	178	176	176	176	175	176	175

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-3-8 c. Sacramento River downstream of Steamboat Slough Salinity, Action 5 Minus NAA, Monthly EC (UMHOS/CM)

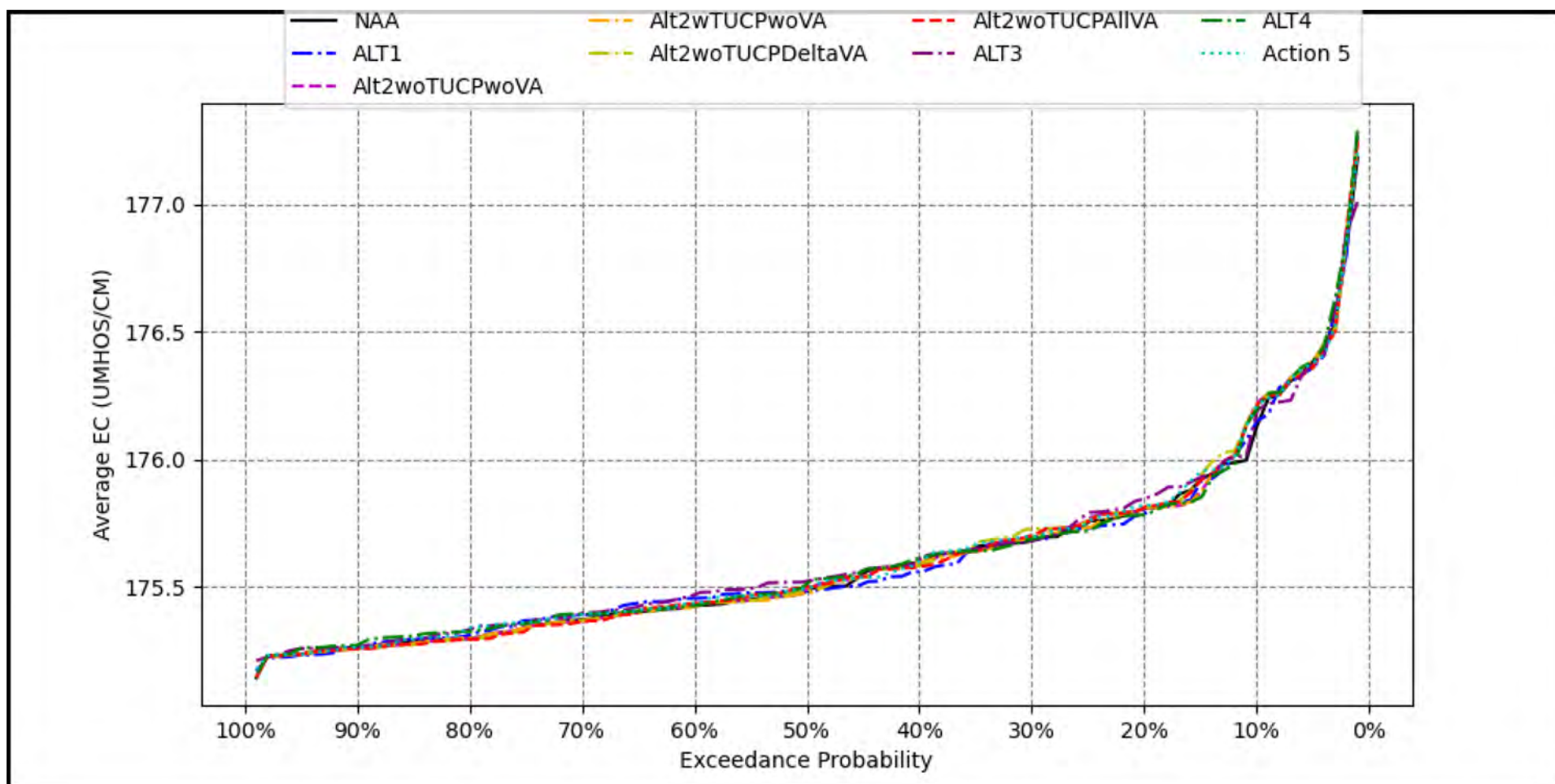
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
20% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	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
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

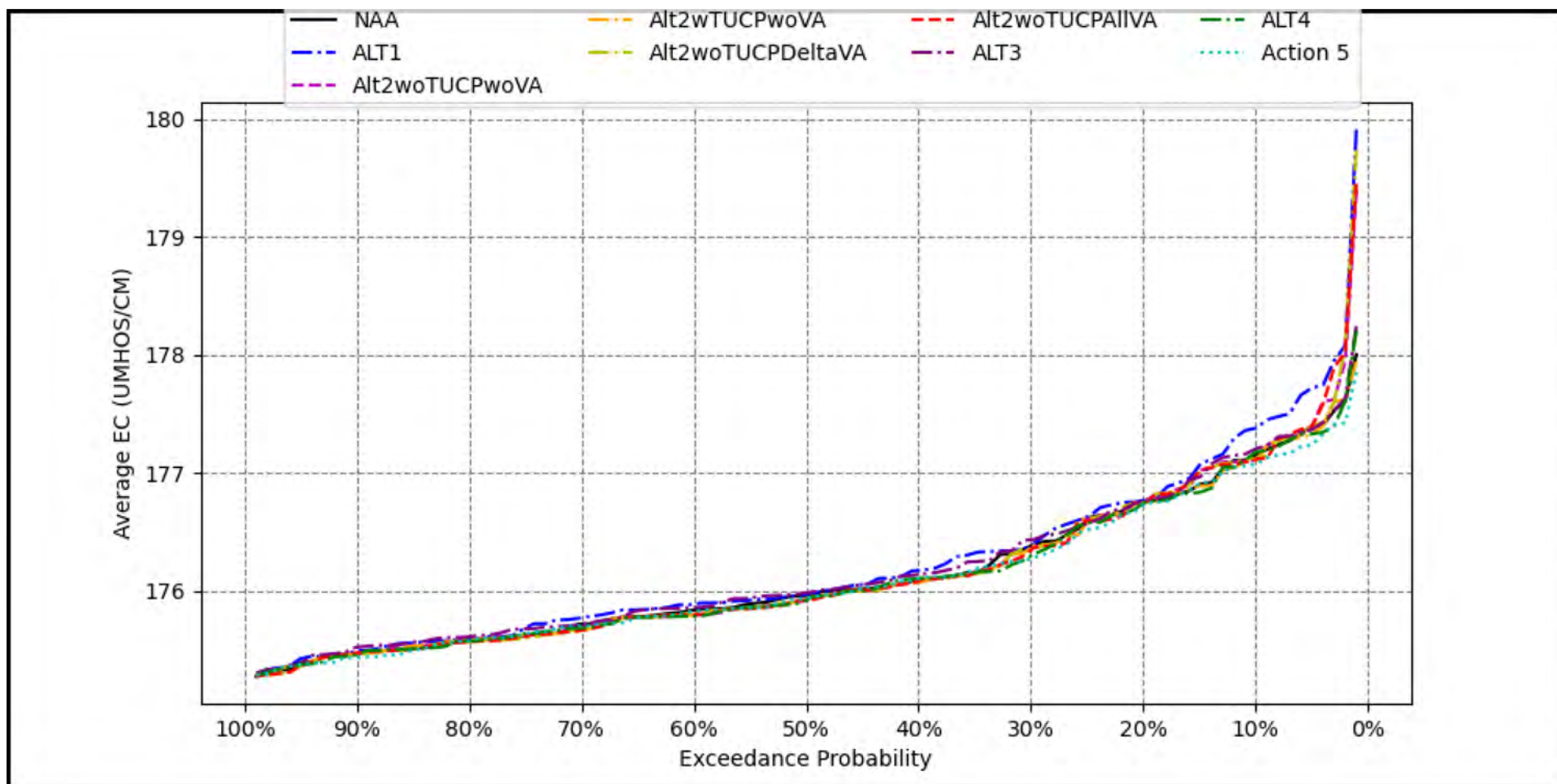
* Water Year Types defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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



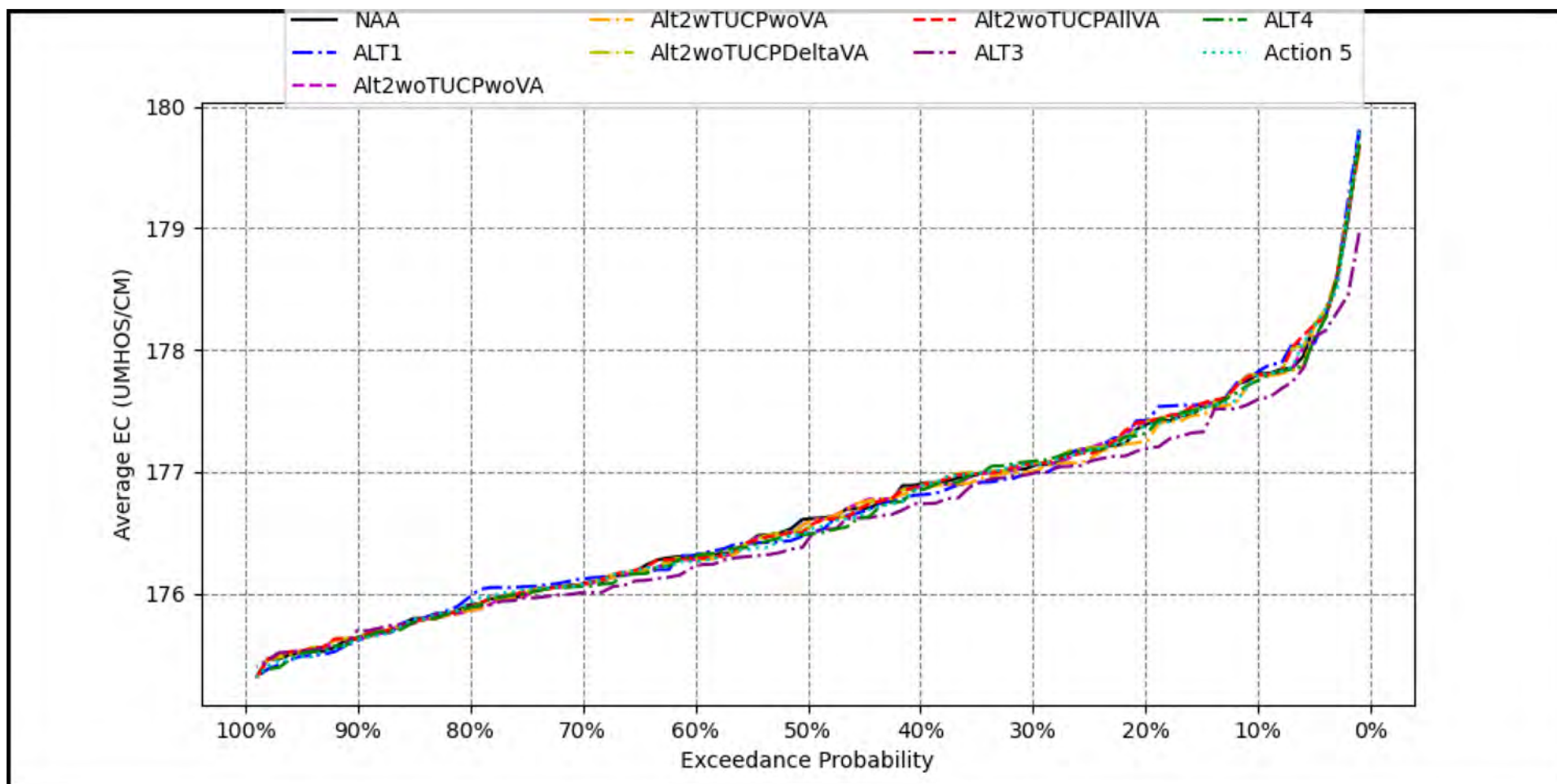
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-3-1 Sacramento River downstream of Steamboat Slough Salinity, October EC



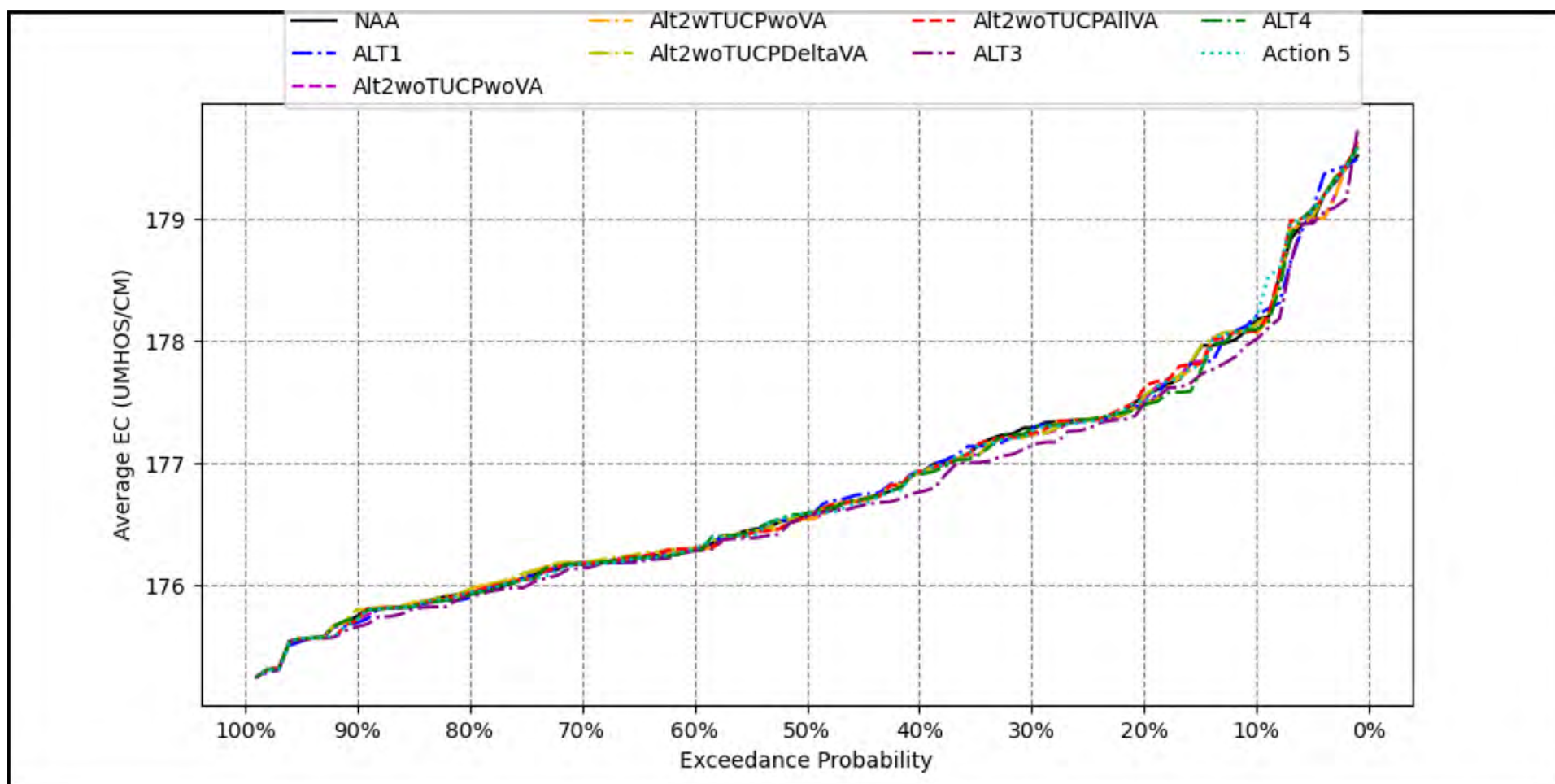
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-3-2 Sacramento River downstream of Steamboat Slough Salinity, November EC



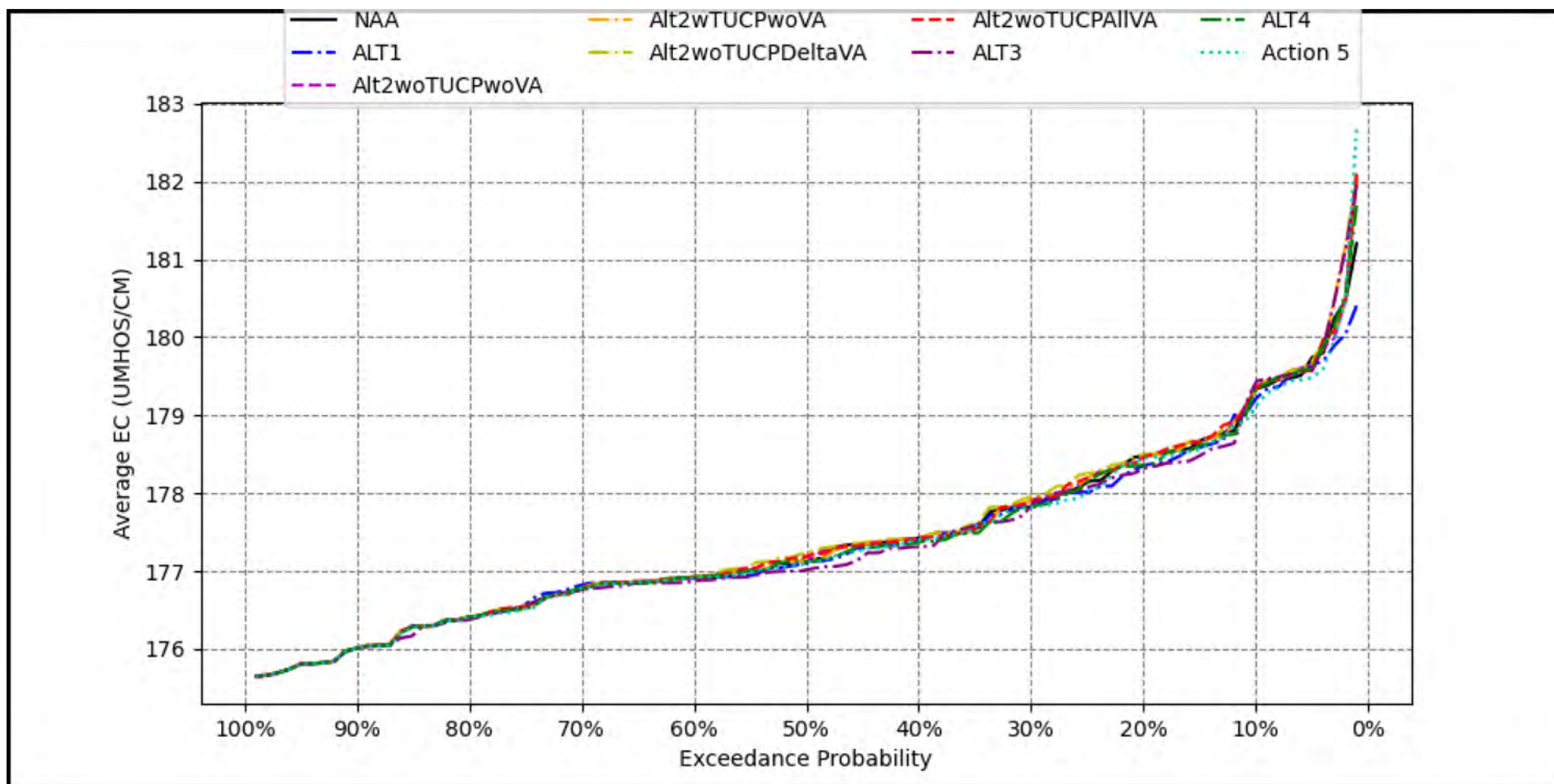
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-3-3 Sacramento River downstream of Steamboat Slough Salinity, December EC



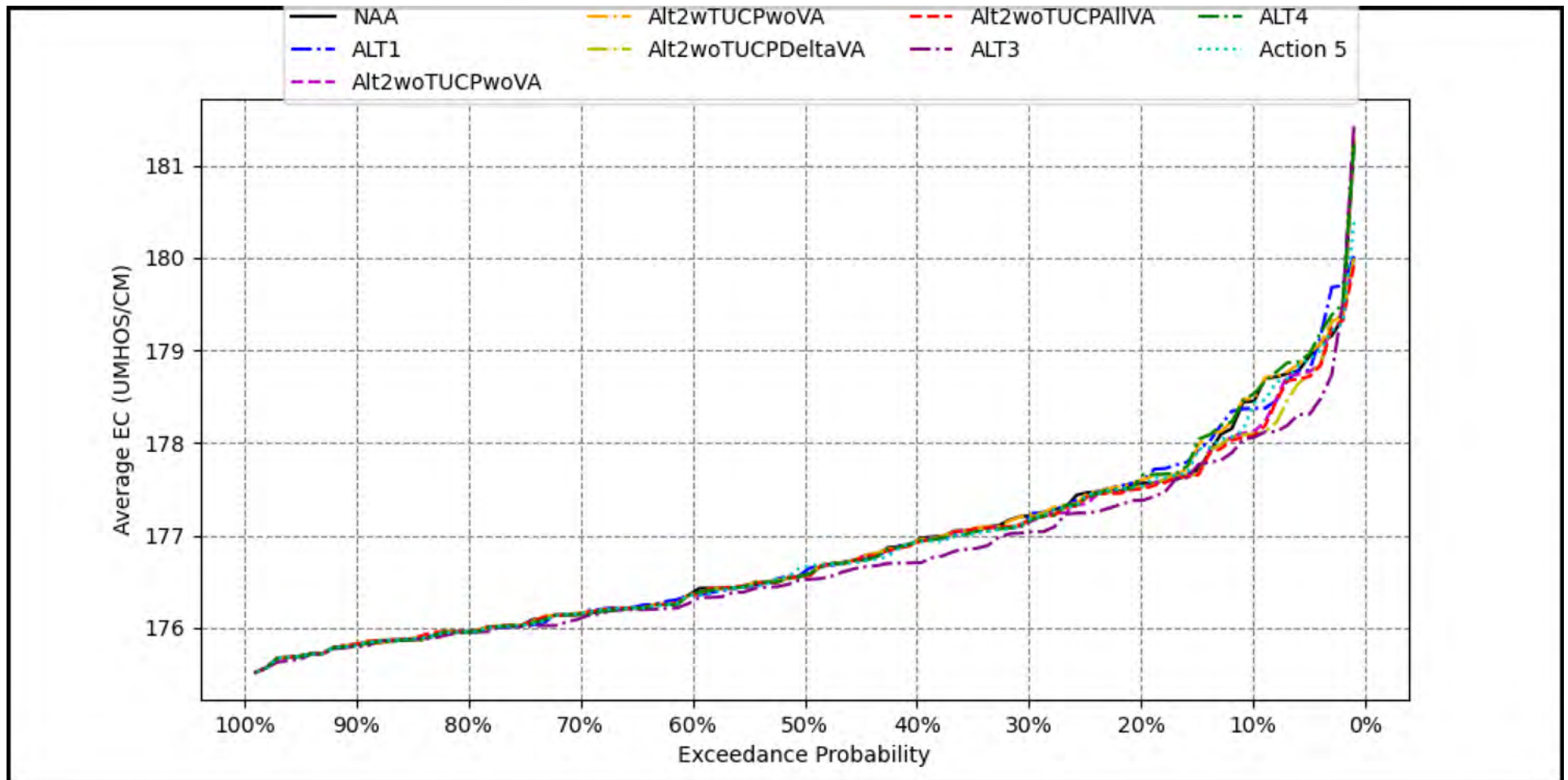
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-3-4 Sacramento River downstream of Steamboat Slough Salinity, January EC



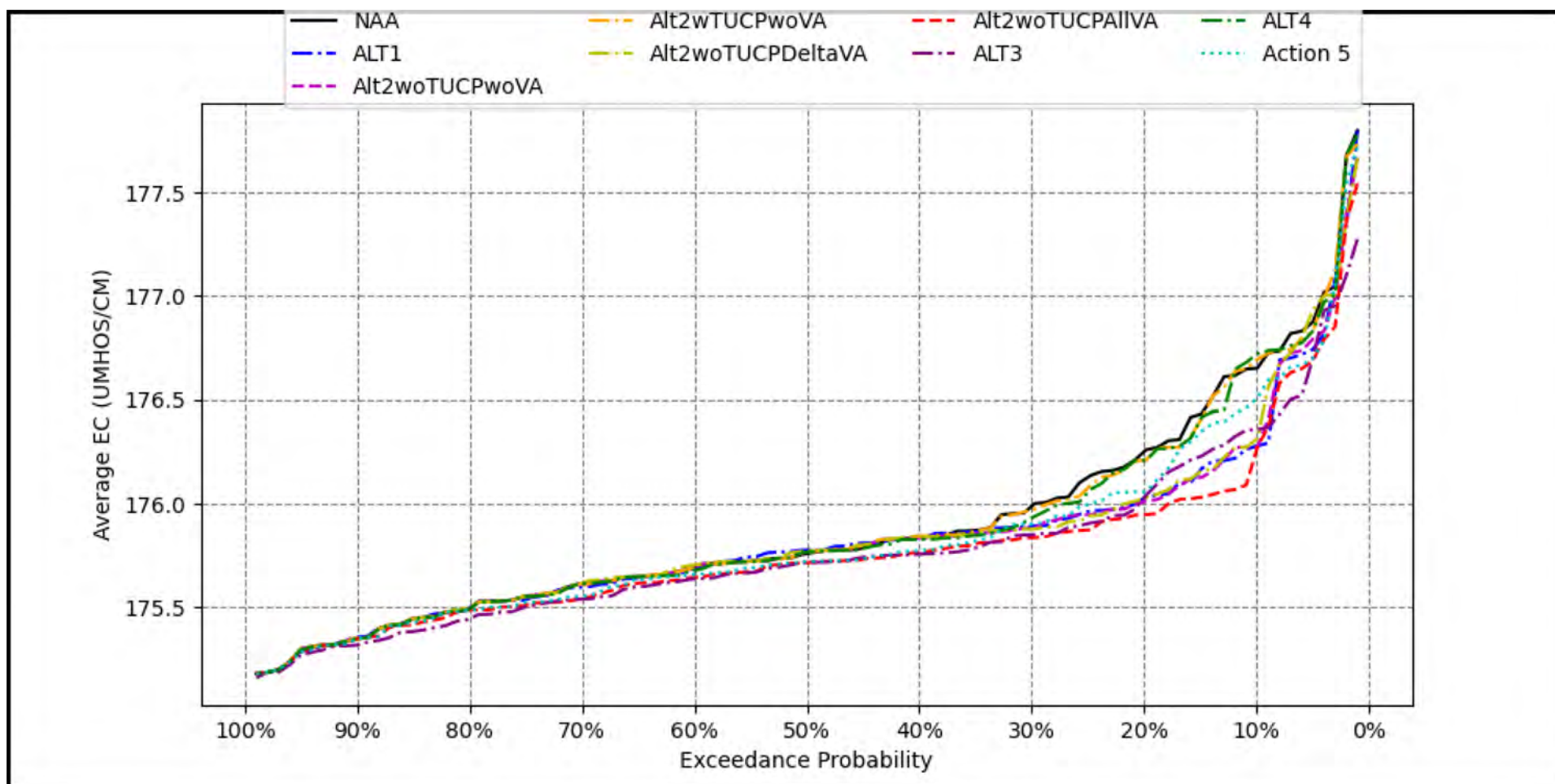
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-3-5 Sacramento River downstream of Steamboat Slough Salinity, February EC



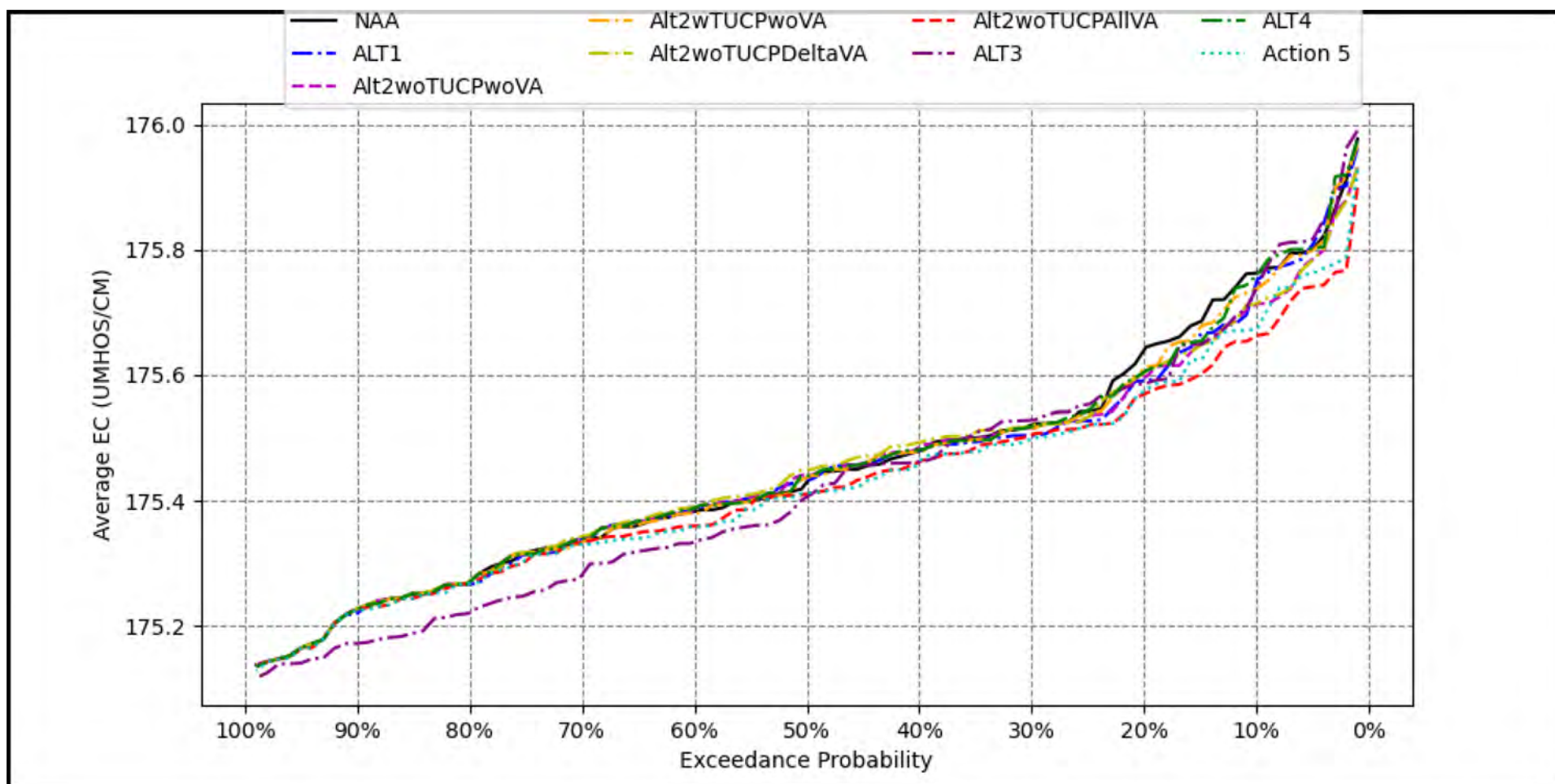
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-3-6 Sacramento River downstream of Steamboat Slough Salinity, March EC



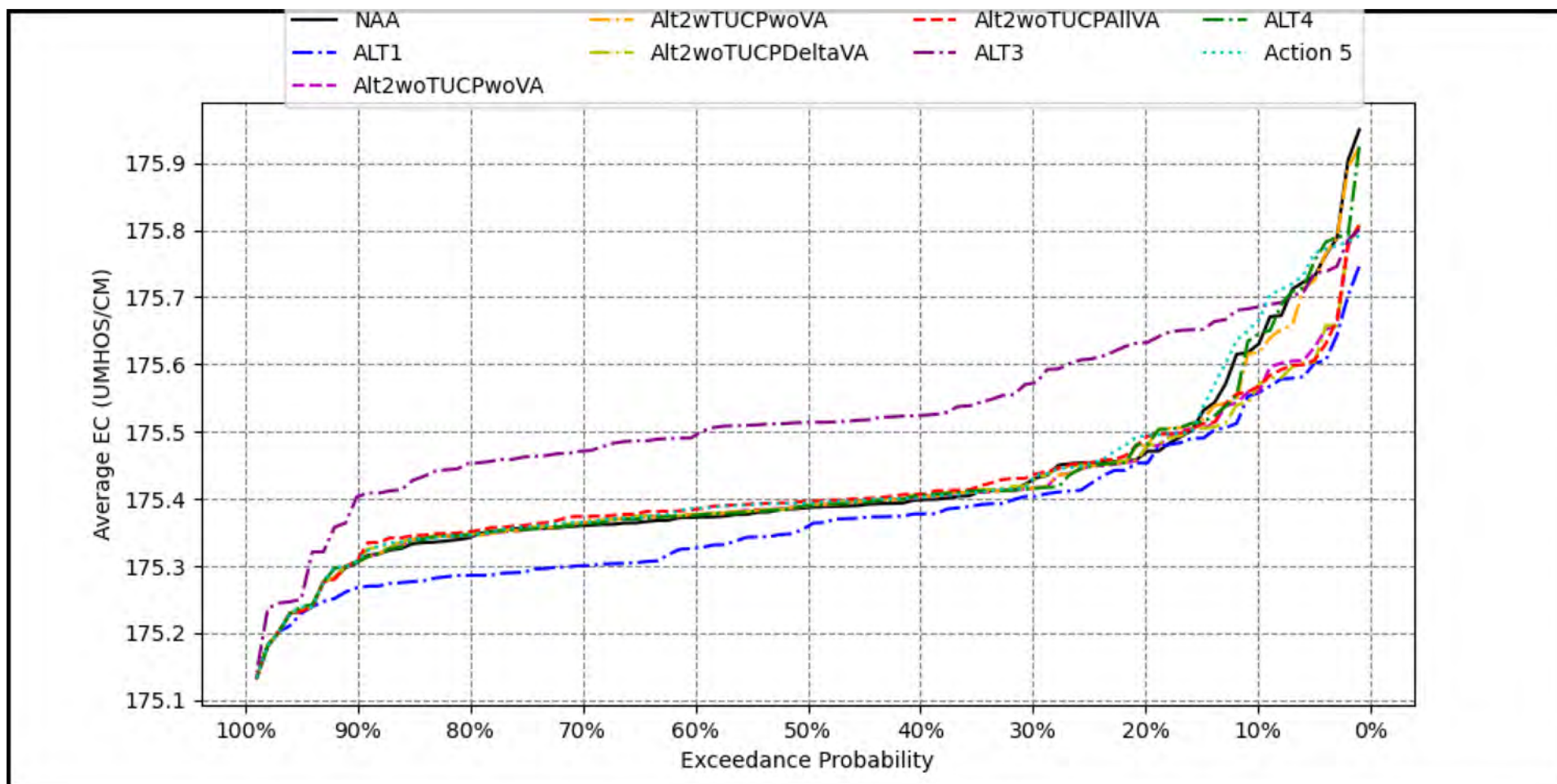
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-3-7 Sacramento River downstream of Steamboat Slough Salinity, April EC



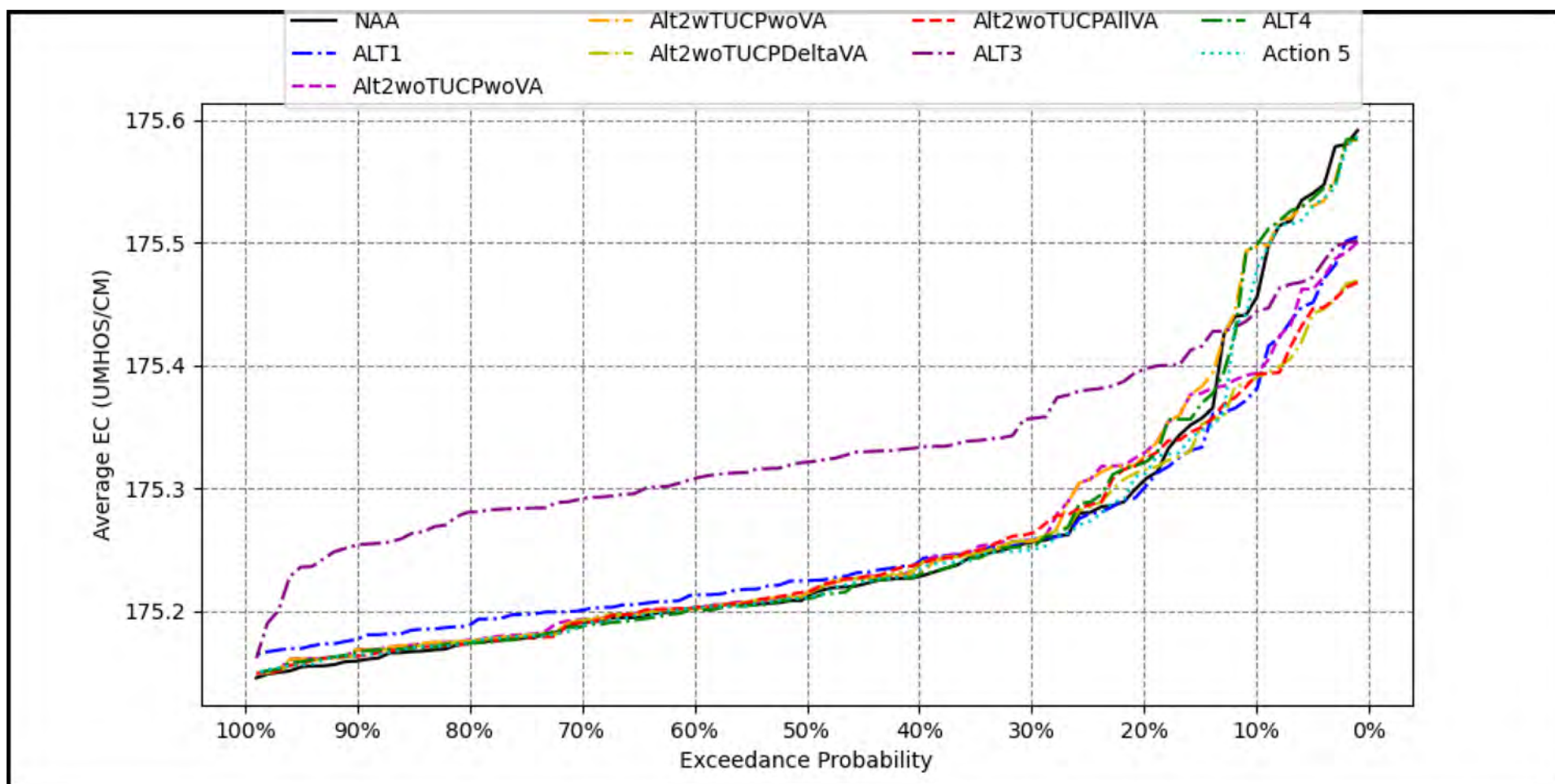
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-3-8 Sacramento River downstream of Steamboat Slough Salinity, May EC



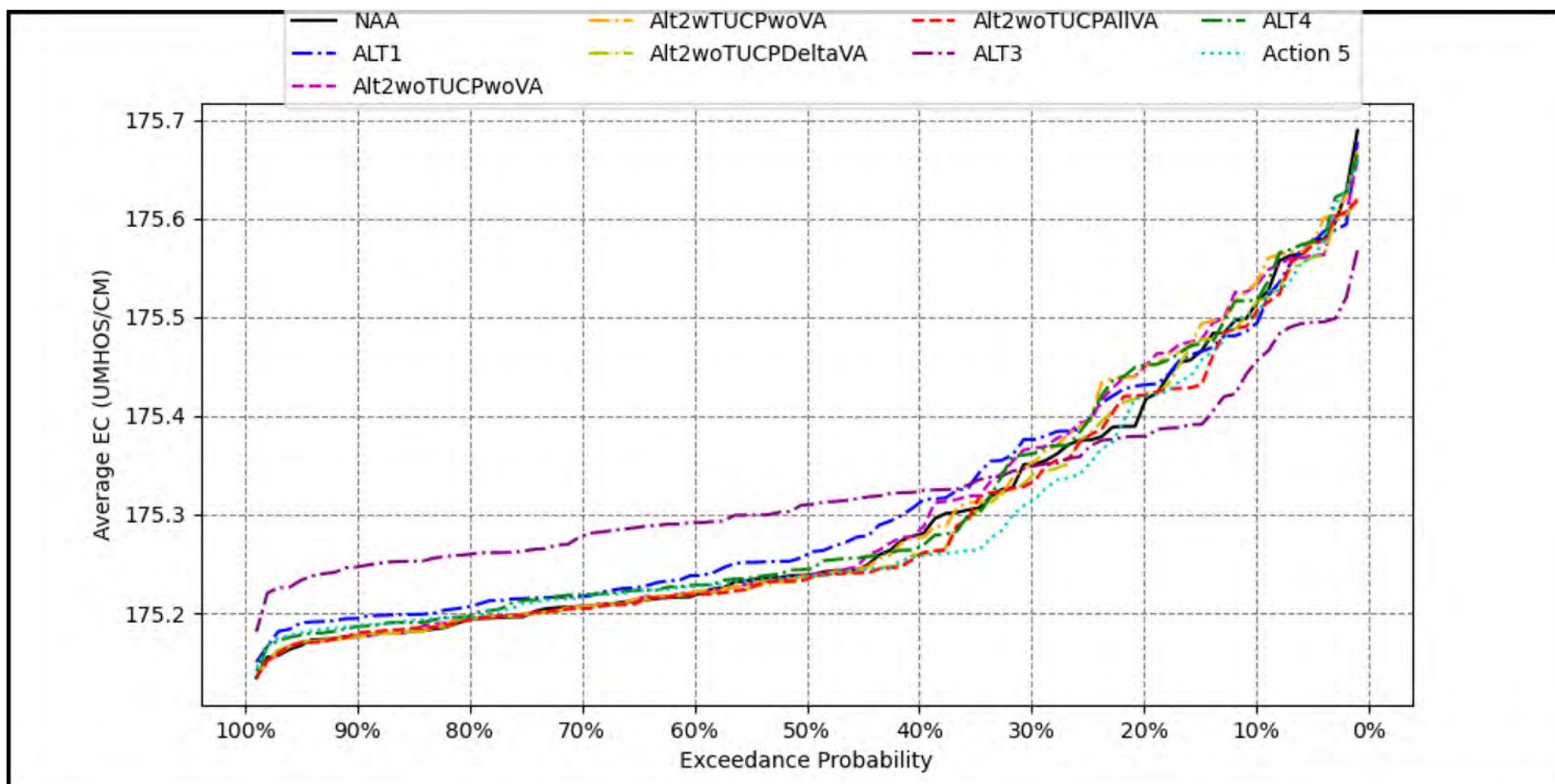
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-3-9 Sacramento River downstream of Steamboat Slough Salinity, June EC



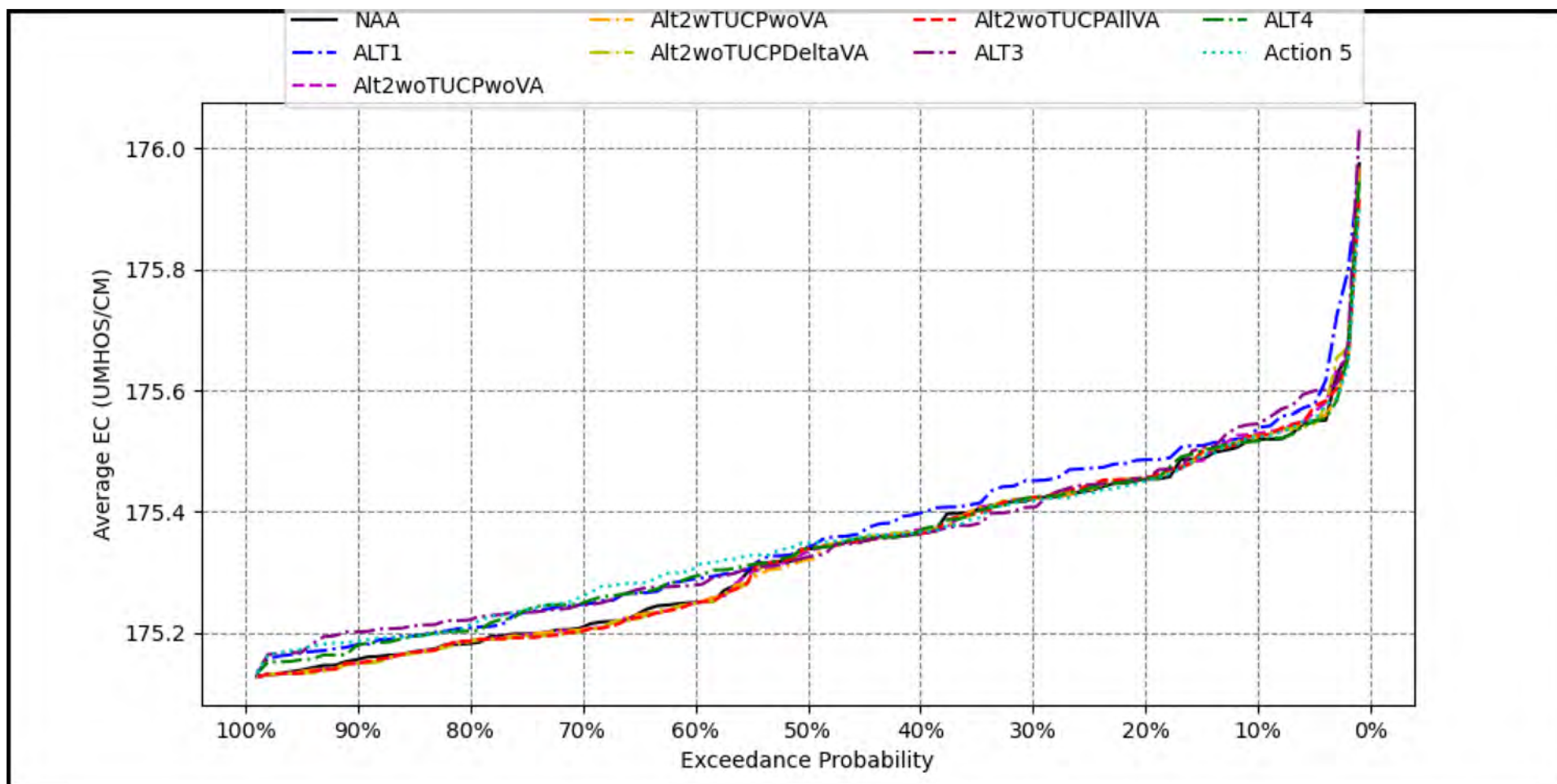
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-3-10 Sacramento River downstream of Steamboat Slough Salinity, July EC



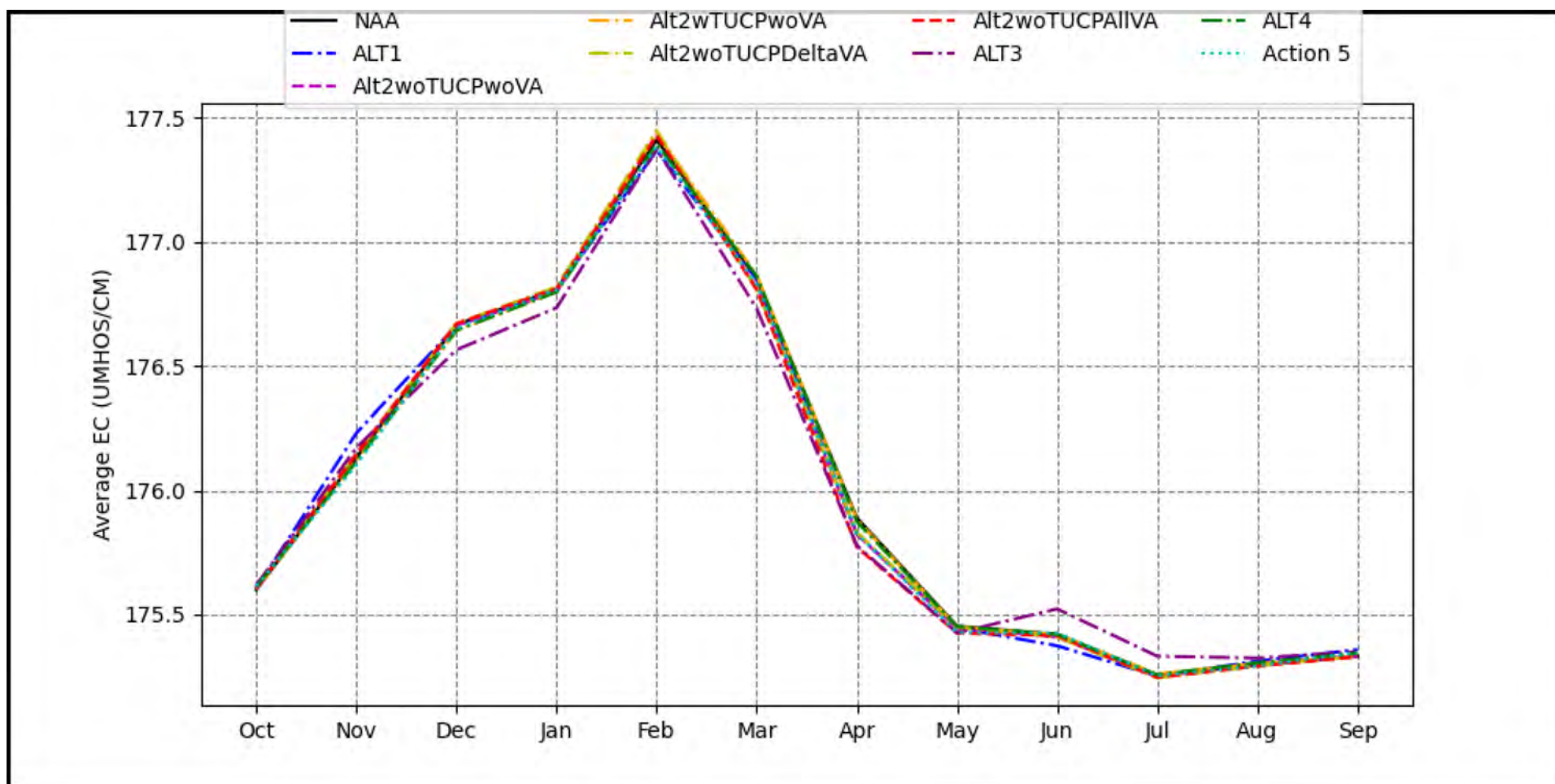
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-3-11 Sacramento River downstream of Steamboat Slough Salinity, August EC



*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-3-12 Sacramento River downstream of Steamboat Slough Salinity, September EC

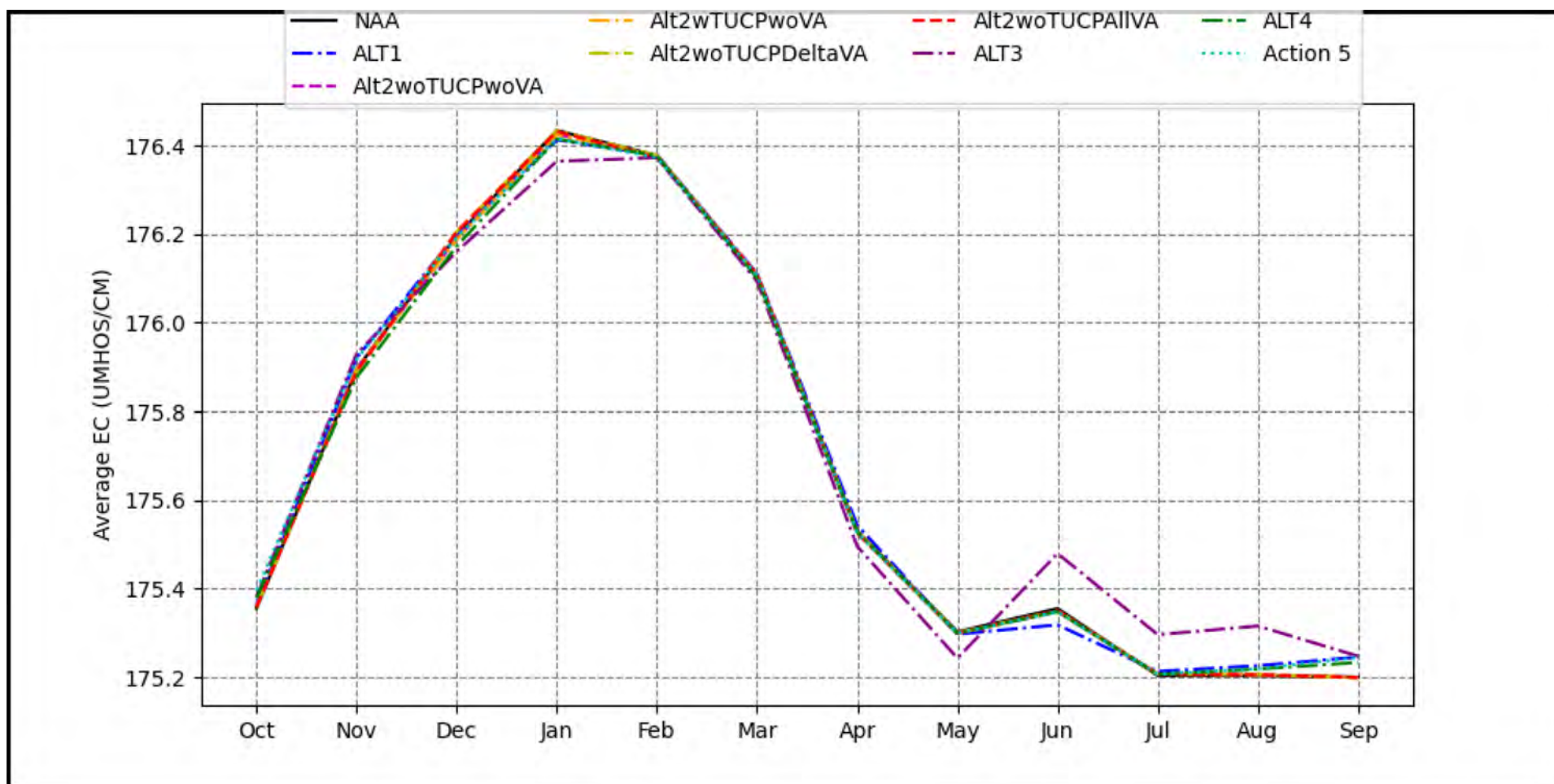


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-3-13 Sacramento River downstream of Steamboat Slough Salinity, Long Term Average EC (UMHOS/CM)

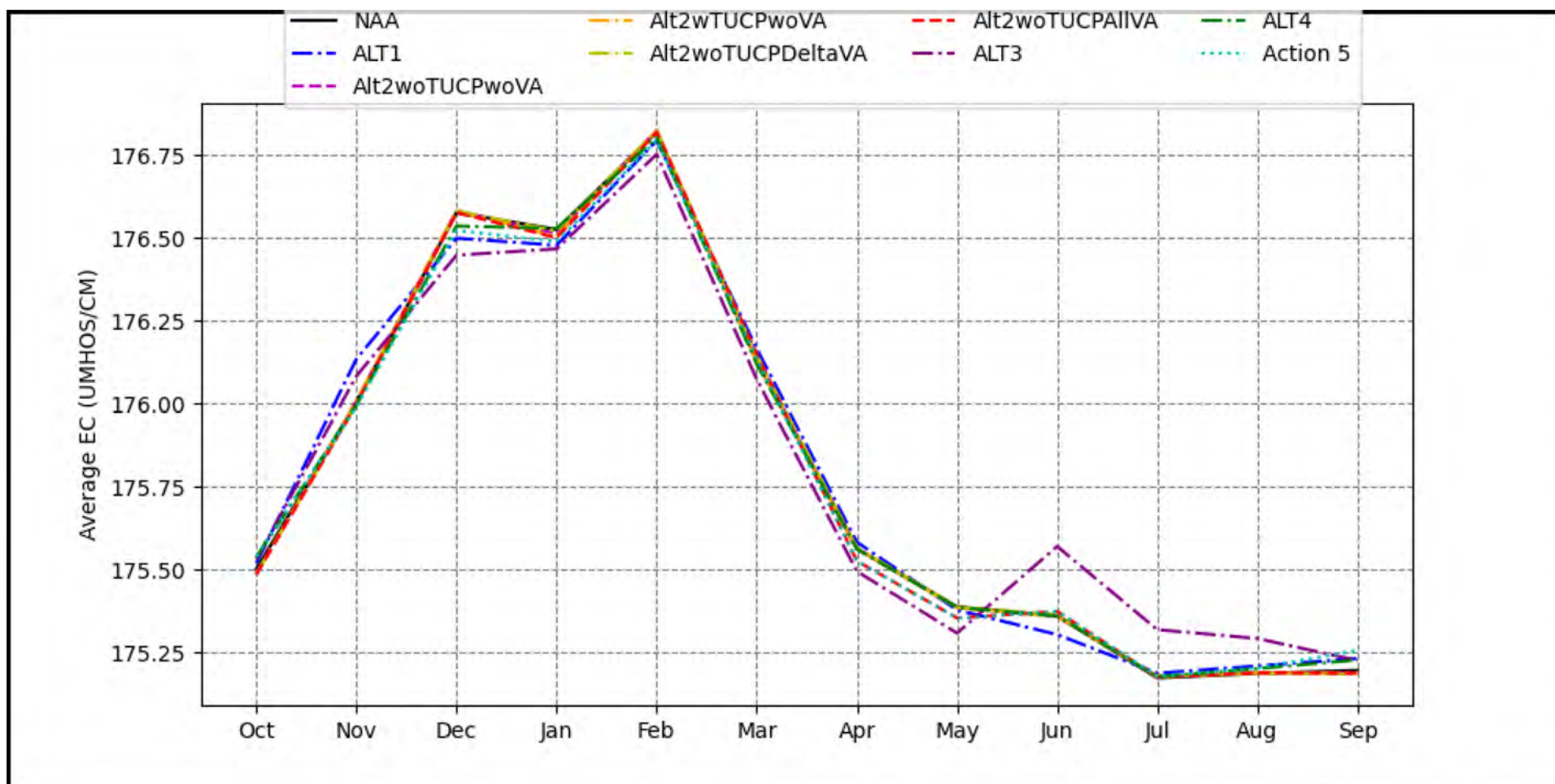


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-3-14 Sacramento River downstream of Steamboat Slough Salinity, Wet Year Average EC (UMHOS/CM)

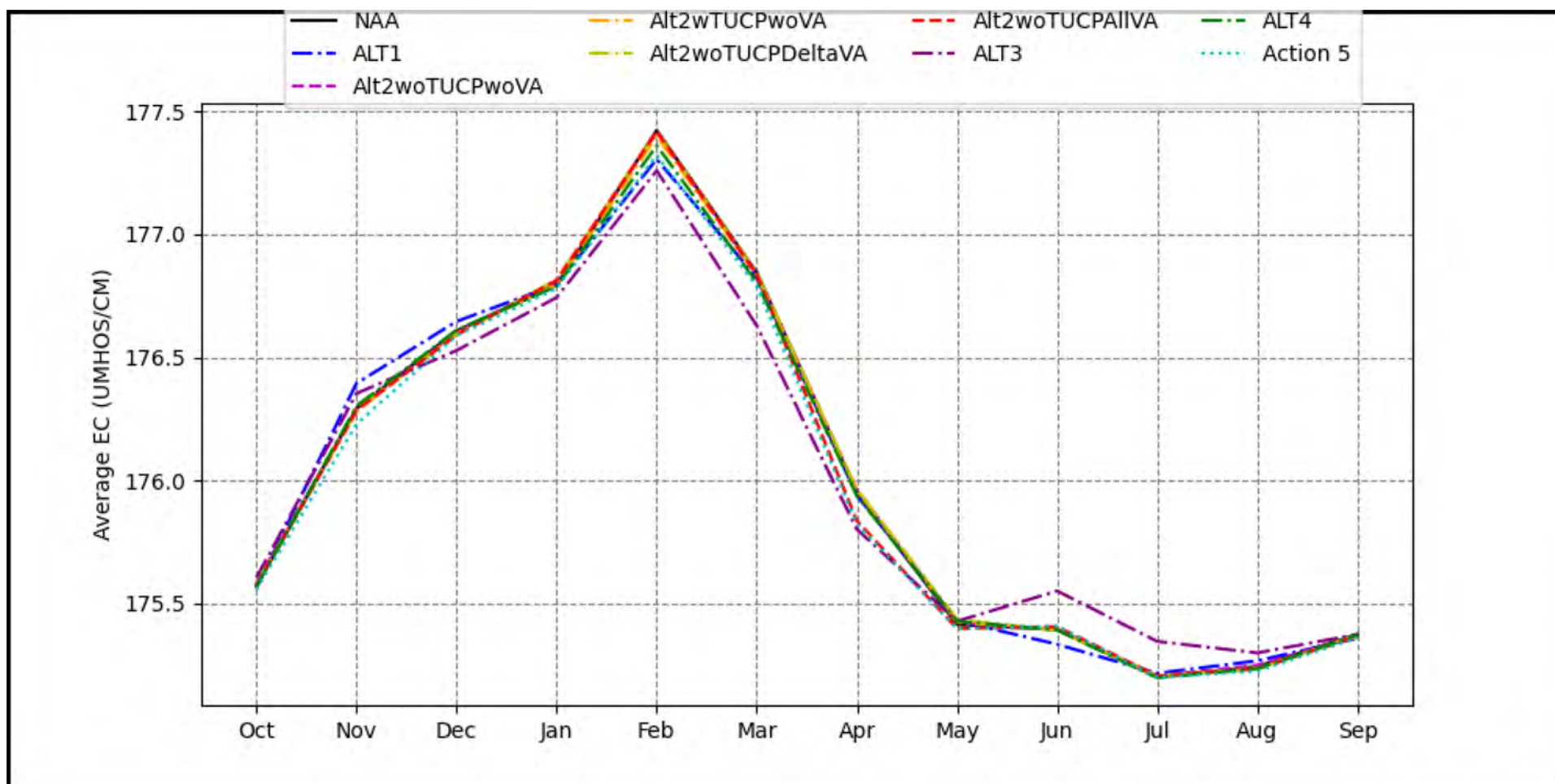


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-3-15 Sacramento River downstream of Steamboat Slough Salinity, Above Normal Year Average EC (UMHOS/CM)

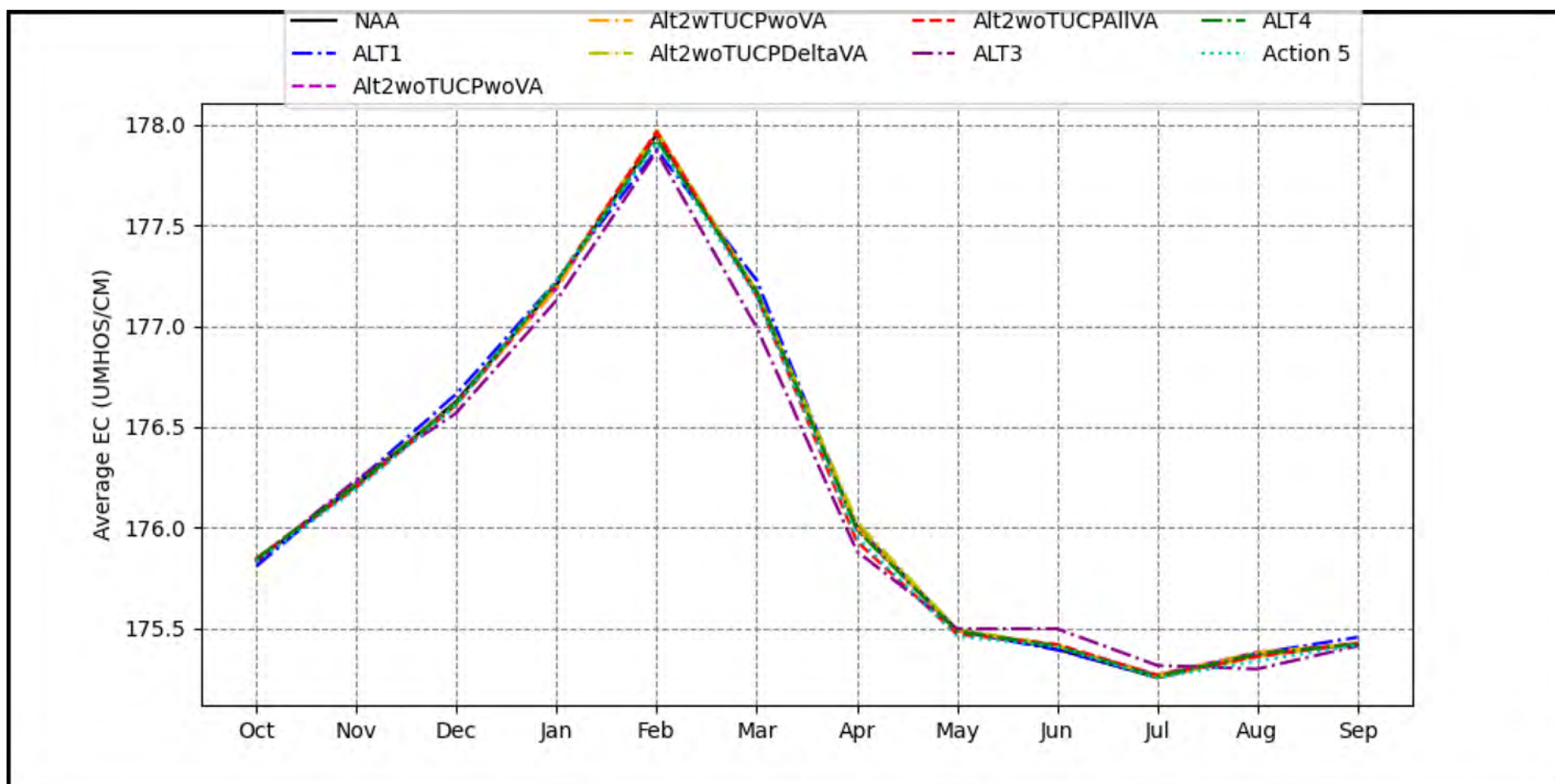


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-3-16 Sacramento River downstream of Steamboat Slough Salinity, Below Normal Year Average EC (UMHOS/CM)

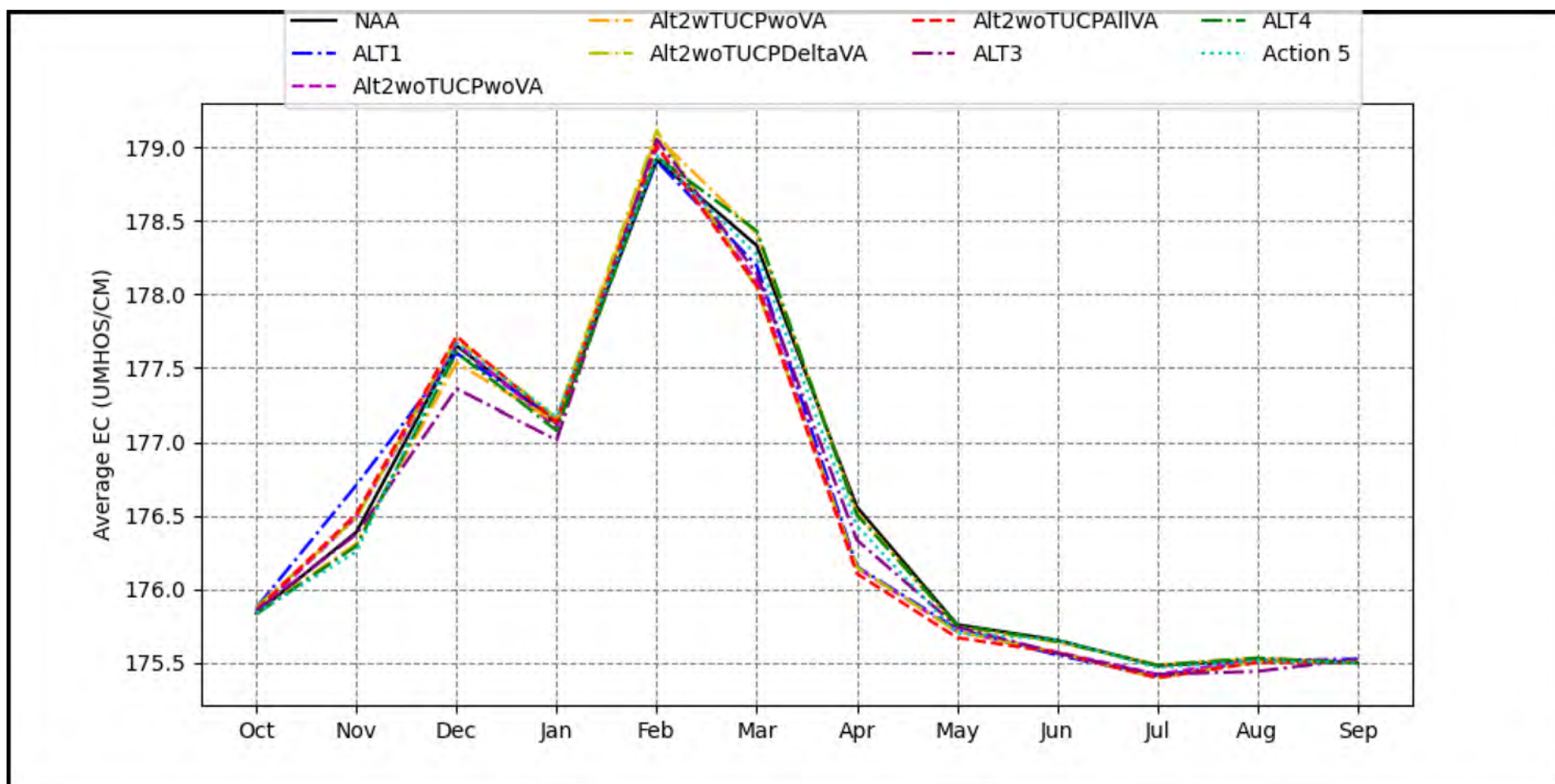


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-3-17 Sacramento River downstream of Steamboat Slough Salinity, Dry Year Average EC (UMHOS/CM)



*As defined by the 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 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-3-18 Sacramento River downstream of Steamboat Slough Salinity, Critical Year Average EC (UMHOS/CM)

F.2.5-4 Cache Slough at Ryer Island Salinity

Table F.2.5-4-1 a. Cache Slough at Ryer Island Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	190	196	193	192	195	195	193	188	192	197	195	189
20% Exceedance	187	191	190	190	192	192	189	184	183	181	186	186
30% Exceedance	185	188	189	188	190	190	187	183	182	180	183	184
40% Exceedance	184	186	186	186	189	189	186	183	182	180	181	182
50% Exceedance	182	185	185	185	187	188	185	182	182	180	180	181
60% Exceedance	181	183	184	183	184	185	184	182	181	179	180	179
70% Exceedance	180	182	183	182	182	183	183	181	181	179	179	179
80% Exceedance	180	181	181	180	180	181	182	180	181	179	179	179
90% Exceedance	179	181	179	178	178	179	180	179	180	179	179	179
Full Simulation Period Average^a	184	187	186	185	186	187	186	183	184	183	183	183
Wet Years (27.7%)	180	182	183	180	180	181	181	180	181	179	179	179
Above Normal Years (13.9%)	180	183	185	184	183	182	183	181	181	179	179	179
Below Normal Years (17.8%)	184	186	184	186	188	188	186	182	182	180	180	182
Dry Years (23.8%)	185	187	186	188	190	190	187	183	182	181	184	184
Critical Years (15.8%)	193	200	193	191	194	196	195	191	199	200	198	191

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-1 b. Cache Slough at Ryer Island Salinity, ALT1, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	190	198	198	194	194	194	190	186	186	186	190	188
20% Exceedance	187	192	195	192	192	193	189	184	182	181	186	186
30% Exceedance	186	190	191	189	190	190	187	183	182	181	184	185
40% Exceedance	184	188	189	187	188	189	186	183	181	180	182	183
50% Exceedance	183	187	187	186	187	187	185	182	181	180	180	181
60% Exceedance	182	185	185	184	184	185	184	182	181	180	180	180
70% Exceedance	181	184	183	182	182	183	183	181	181	179	180	180
80% Exceedance	180	182	181	180	180	181	182	180	180	179	180	179
90% Exceedance	180	181	179	178	178	179	180	179	180	179	179	179
Full Simulation Period Average^a	184	188	188	186	186	187	185	182	182	181	183	183
Wet Years (27.7%)	181	183	184	180	180	181	181	180	180	179	180	180
Above Normal Years (13.9%)	182	185	186	184	183	183	183	181	180	179	180	180
Below Normal Years (17.8%)	184	188	186	187	188	187	186	182	181	180	181	182
Dry Years (23.8%)	185	188	190	190	190	190	187	183	182	181	184	185
Critical Years (15.8%)	193	202	195	193	194	195	190	188	191	188	192	190

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-1 c. Cache Slough at Ryer Island Salinity, ALT1 Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1	2	4	2	0	0	-3	-3	-6	-11	-5	-1
20% Exceedance	0	1	5	2	0	0	-1	0	0	0	0	1
30% Exceedance	1	2	3	1	0	0	0	0	0	0	1	1
40% Exceedance	1	2	3	1	-1	0	0	0	0	0	0	1
50% Exceedance	1	2	2	0	0	0	0	0	-1	0	0	0
60% Exceedance	1	2	1	0	0	0	0	0	-1	0	0	1
70% Exceedance	1	1	0	0	0	0	0	0	-1	0	0	1
80% Exceedance	1	1	0	0	0	0	0	0	-1	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	-1	0	0	0
Full Simulation Period Average^a	0	1	2	1	0	0	-1	-1	-2	-2	0	1
Wet Years (27.7%)	1	1	2	0	0	0	0	0	0	0	0	1
Above Normal Years (13.9%)	1	3	1	0	0	0	0	0	-1	0	0	1
Below Normal Years (17.8%)	0	1	2	1	0	0	0	0	-1	0	1	0
Dry Years (23.8%)	0	0	4	2	0	0	0	0	0	0	0	1
Critical Years (15.8%)	0	2	2	3	0	0	-5	-3	-9	-12	-6	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-2 a. Cache Slough at Ryer Island Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	190	196	193	192	195	195	193	188	192	197	195	189
20% Exceedance	187	191	190	190	192	192	189	184	183	181	186	186
30% Exceedance	185	188	189	188	190	190	187	183	182	180	183	184
40% Exceedance	184	186	186	186	189	189	186	183	182	180	181	182
50% Exceedance	182	185	185	185	187	188	185	182	182	180	180	181
60% Exceedance	181	183	184	183	184	185	184	182	181	179	180	179
70% Exceedance	180	182	183	182	182	183	183	181	181	179	179	179
80% Exceedance	180	181	181	180	180	181	182	180	181	179	179	179
90% Exceedance	179	181	179	178	178	179	180	179	180	179	179	179
Full Simulation Period Average^a	184	187	186	185	186	187	186	183	184	183	183	183
Wet Years (27.7%)	180	182	183	180	180	181	181	180	181	179	179	179
Above Normal Years (13.9%)	180	183	185	184	183	182	183	181	181	179	179	179
Below Normal Years (17.8%)	184	186	184	186	188	188	186	182	182	180	180	182
Dry Years (23.8%)	185	187	186	188	190	190	187	183	182	181	184	184
Critical Years (15.8%)	193	200	193	191	194	196	195	191	199	200	198	191

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-2 b. Cache Slough at Ryer Island Salinity, Alt2woTUCPwoVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	191	195	192	192	195	194	190	186	186	186	191	189
20% Exceedance	188	191	190	190	192	193	188	184	182	182	187	186
30% Exceedance	185	188	189	188	190	190	187	183	182	181	184	184
40% Exceedance	184	186	186	186	189	189	186	183	182	180	181	182
50% Exceedance	183	184	185	185	187	187	185	182	182	180	180	181
60% Exceedance	181	183	184	183	184	185	184	182	181	180	180	179
70% Exceedance	180	182	183	182	182	182	183	181	181	179	179	179
80% Exceedance	180	181	181	180	180	181	182	180	181	179	179	179
90% Exceedance	180	181	179	178	178	179	180	179	180	179	179	179
Full Simulation Period Average^a	184	186	186	185	186	187	185	182	183	181	183	182
Wet Years (27.7%)	180	182	183	180	180	181	181	180	181	179	179	179
Above Normal Years (13.9%)	180	183	185	184	183	183	183	181	181	179	179	179
Below Normal Years (17.8%)	184	186	184	186	188	188	186	182	182	180	180	182
Dry Years (23.8%)	185	188	186	188	190	190	187	183	182	181	184	184
Critical Years (15.8%)	193	196	193	190	194	195	190	187	191	189	193	190

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-2 c. Cache Slough at Ryer Island Salinity, Alt2woTUCPwoVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1	0	-1	0	0	-1	-3	-3	-6	-11	-4	0
20% Exceedance	0	0	0	0	0	0	-1	0	0	1	1	1
30% Exceedance	0	0	0	0	0	0	0	0	0	0	1	1
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
Full Simulation Period Average^a	0	-1	0	0	0	0	-1	-1	-1	-2	-1	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	1	0
Critical Years (15.8%)	0	-4	0	0	0	-1	-5	-4	-8	-11	-5	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-3 a. Cache Slough at Ryer Island Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	190	196	193	192	195	195	193	188	192	197	195	189
20% Exceedance	187	191	190	190	192	192	189	184	183	181	186	186
30% Exceedance	185	188	189	188	190	190	187	183	182	180	183	184
40% Exceedance	184	186	186	186	189	189	186	183	182	180	181	182
50% Exceedance	182	185	185	185	187	188	185	182	182	180	180	181
60% Exceedance	181	183	184	183	184	185	184	182	181	179	180	179
70% Exceedance	180	182	183	182	182	183	183	181	181	179	179	179
80% Exceedance	180	181	181	180	180	181	182	180	181	179	179	179
90% Exceedance	179	181	179	178	178	179	180	179	180	179	179	179
Full Simulation Period Average^a	184	187	186	185	186	187	186	183	184	183	183	183
Wet Years (27.7%)	180	182	183	180	180	181	181	180	181	179	179	179
Above Normal Years (13.9%)	180	183	185	184	183	182	183	181	181	179	179	179
Below Normal Years (17.8%)	184	186	184	186	188	188	186	182	182	180	180	182
Dry Years (23.8%)	185	187	186	188	190	190	187	183	182	181	184	184
Critical Years (15.8%)	193	200	193	191	194	196	195	191	199	200	198	191

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-3 b. Cache Slough at Ryer Island Salinity, Alt2wTUCPwoVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	191	194	192	192	195	195	192	188	193	196	195	189
20% Exceedance	188	192	190	190	192	192	189	184	182	182	187	186
30% Exceedance	185	188	188	188	190	190	187	183	182	181	184	184
40% Exceedance	184	186	186	186	189	189	186	183	182	180	181	182
50% Exceedance	183	184	185	185	187	187	185	182	182	180	180	181
60% Exceedance	181	183	184	183	184	185	184	182	181	180	180	179
70% Exceedance	180	182	183	182	182	182	183	181	181	179	179	179
80% Exceedance	180	181	181	180	180	181	182	180	181	179	179	179
90% Exceedance	180	181	179	178	178	179	180	179	180	179	179	179
Full Simulation Period Average^a	184	186	186	185	186	187	186	183	184	183	184	183
Wet Years (27.7%)	180	182	183	180	180	181	181	180	181	179	179	179
Above Normal Years (13.9%)	180	183	185	184	183	182	183	181	181	179	179	179
Below Normal Years (17.8%)	184	186	184	186	188	188	186	182	182	180	180	181
Dry Years (23.8%)	185	188	186	188	190	190	187	183	182	181	184	184
Critical Years (15.8%)	192	197	192	191	194	196	195	191	197	199	198	191

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-3 c. Cache Slough at Ryer Island Salinity, Alt2wTUCPwoVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1	-1	-1	0	0	0	-1	0	1	-1	0	0
20% Exceedance	0	0	0	0	0	0	0	0	0	1	1	1
30% Exceedance	0	0	0	0	0	0	0	0	0	0	1	1
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	-1	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
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	1	0
Critical Years (15.8%)	0	-4	-2	0	1	0	0	0	-2	-1	1	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-4 a. Cache Slough at Ryer Island Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	190	196	193	192	195	195	193	188	192	197	195	189
20% Exceedance	187	191	190	190	192	192	189	184	183	181	186	186
30% Exceedance	185	188	189	188	190	190	187	183	182	180	183	184
40% Exceedance	184	186	186	186	189	189	186	183	182	180	181	182
50% Exceedance	182	185	185	185	187	188	185	182	182	180	180	181
60% Exceedance	181	183	184	183	184	185	184	182	181	179	180	179
70% Exceedance	180	182	183	182	182	183	183	181	181	179	179	179
80% Exceedance	180	181	181	180	180	181	182	180	181	179	179	179
90% Exceedance	179	181	179	178	178	179	180	179	180	179	179	179
Full Simulation Period Average^a	184	187	186	185	186	187	186	183	184	183	183	183
Wet Years (27.7%)	180	182	183	180	180	181	181	180	181	179	179	179
Above Normal Years (13.9%)	180	183	185	184	183	182	183	181	181	179	179	179
Below Normal Years (17.8%)	184	186	184	186	188	188	186	182	182	180	180	182
Dry Years (23.8%)	185	187	186	188	190	190	187	183	182	181	184	184
Critical Years (15.8%)	193	200	193	191	194	196	195	191	199	200	198	191

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-4 b. Cache Slough at Ryer Island Salinity, Alt2woTUCPDeltaVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	193	195	193	192	195	194	190	185	186	185	191	188
20% Exceedance	187	191	189	190	193	193	189	184	183	182	185	186
30% Exceedance	185	188	188	188	191	190	188	183	182	181	183	184
40% Exceedance	184	186	186	186	189	189	186	183	182	180	181	182
50% Exceedance	183	184	185	185	187	187	185	182	182	180	180	181
60% Exceedance	181	183	184	183	184	185	184	182	181	180	180	179
70% Exceedance	180	182	183	182	182	182	183	181	181	179	179	179
80% Exceedance	180	181	181	180	180	181	182	180	181	179	179	179
90% Exceedance	180	181	179	178	178	179	180	179	180	179	179	179
Full Simulation Period Average^a	184	186	186	186	187	187	185	182	183	181	182	182
Wet Years (27.7%)	180	182	183	180	180	181	181	180	181	179	179	179
Above Normal Years (13.9%)	180	183	185	184	183	183	183	181	181	179	179	179
Below Normal Years (17.8%)	184	186	184	186	188	188	186	182	182	180	180	182
Dry Years (23.8%)	185	188	186	188	190	190	187	183	182	181	184	184
Critical Years (15.8%)	193	196	194	193	195	195	190	187	191	188	192	190

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-4 c. Cache Slough at Ryer Island Salinity, Alt2woTUCPDeltaVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3	-1	-1	0	0	-1	-2	-3	-6	-12	-5	0
20% Exceedance	0	0	0	0	0	0	-1	0	0	0	0	0
30% Exceedance	0	0	-1	0	0	0	0	0	0	0	0	1
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	-1	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
Full Simulation Period Average^a	0	-1	0	0	0	0	-1	-1	-1	-2	-1	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	1	-4	0	3	1	-1	-5	-4	-8	-13	-6	-1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-5 a. Cache Slough at Ryer Island Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	190	196	193	192	195	195	193	188	192	197	195	189
20% Exceedance	187	191	190	190	192	192	189	184	183	181	186	186
30% Exceedance	185	188	189	188	190	190	187	183	182	180	183	184
40% Exceedance	184	186	186	186	189	189	186	183	182	180	181	182
50% Exceedance	182	185	185	185	187	188	185	182	182	180	180	181
60% Exceedance	181	183	184	183	184	185	184	182	181	179	180	179
70% Exceedance	180	182	183	182	182	183	183	181	181	179	179	179
80% Exceedance	180	181	181	180	180	181	182	180	181	179	179	179
90% Exceedance	179	181	179	178	178	179	180	179	180	179	179	179
Full Simulation Period Average^a	184	187	186	185	186	187	186	183	184	183	183	183
Wet Years (27.7%)	180	182	183	180	180	181	181	180	181	179	179	179
Above Normal Years (13.9%)	180	183	185	184	183	182	183	181	181	179	179	179
Below Normal Years (17.8%)	184	186	184	186	188	188	186	182	182	180	180	182
Dry Years (23.8%)	185	187	186	188	190	190	187	183	182	181	184	184
Critical Years (15.8%)	193	200	193	191	194	196	195	191	199	200	198	191

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-5 b. Cache Slough at Ryer Island Salinity, Alt2woTUCPAIIVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	193	194	192	192	195	194	189	185	185	185	190	188
20% Exceedance	187	191	189	190	193	192	188	183	183	182	185	186
30% Exceedance	185	188	188	188	190	190	187	183	182	181	183	184
40% Exceedance	184	186	186	186	189	189	185	182	182	180	181	182
50% Exceedance	182	184	185	185	187	187	185	182	182	180	180	181
60% Exceedance	181	183	184	184	184	185	184	182	181	180	180	179
70% Exceedance	180	182	183	182	182	183	183	181	181	179	179	179
80% Exceedance	180	181	181	180	180	181	182	180	181	179	179	179
90% Exceedance	180	181	179	178	178	179	180	179	181	179	179	179
Full Simulation Period Average^a	184	186	186	185	186	187	185	182	183	181	182	182
Wet Years (27.7%)	180	182	183	180	180	181	181	180	181	179	179	179
Above Normal Years (13.9%)	180	183	185	184	183	183	183	181	181	179	179	179
Below Normal Years (17.8%)	183	186	184	186	188	188	185	182	182	180	180	181
Dry Years (23.8%)	185	188	186	188	190	190	187	183	182	181	184	184
Critical Years (15.8%)	193	197	194	191	194	195	190	186	190	187	191	190

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-5 c. Cache Slough at Ryer Island Salinity, Alt2woTUCPAIIVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3	-2	-2	0	0	-1	-3	-3	-7	-12	-5	-1
20% Exceedance	0	0	0	0	0	0	-1	0	0	0	0	1
30% Exceedance	0	0	-1	0	0	0	-1	0	0	0	0	1
40% Exceedance	0	0	0	0	0	0	-1	0	0	0	0	0
50% Exceedance	0	-1	0	0	0	0	-1	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
Full Simulation Period Average^a	0	-1	0	0	0	0	-1	-1	-1	-2	-1	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	-1	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	-1	0	0	0	0	0
Critical Years (15.8%)	0	-3	1	0	0	-1	-6	-5	-10	-13	-7	-1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-6 a. Cache Slough at Ryer Island Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	190	196	193	192	195	195	193	188	192	197	195	189
20% Exceedance	187	191	190	190	192	192	189	184	183	181	186	186
30% Exceedance	185	188	189	188	190	190	187	183	182	180	183	184
40% Exceedance	184	186	186	186	189	189	186	183	182	180	181	182
50% Exceedance	182	185	185	185	187	188	185	182	182	180	180	181
60% Exceedance	181	183	184	183	184	185	184	182	181	179	180	179
70% Exceedance	180	182	183	182	182	183	183	181	181	179	179	179
80% Exceedance	180	181	181	180	180	181	182	180	181	179	179	179
90% Exceedance	179	181	179	178	178	179	180	179	180	179	179	179
Full Simulation Period Average^a	184	187	186	185	186	187	186	183	184	183	183	183
Wet Years (27.7%)	180	182	183	180	180	181	181	180	181	179	179	179
Above Normal Years (13.9%)	180	183	185	184	183	182	183	181	181	179	179	179
Below Normal Years (17.8%)	184	186	184	186	188	188	186	182	182	180	180	182
Dry Years (23.8%)	185	187	186	188	190	190	187	183	182	181	184	184
Critical Years (15.8%)	193	200	193	191	194	196	195	191	199	200	198	191

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-6 b. Cache Slough at Ryer Island Salinity, ALT3, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	190	196	192	192	195	194	190	186	187	184	185	188
20% Exceedance	185	191	189	189	192	191	188	184	185	183	182	183
30% Exceedance	184	188	187	187	190	189	187	183	184	182	182	182
40% Exceedance	183	187	186	186	188	188	186	183	184	182	181	181
50% Exceedance	182	185	184	185	186	186	184	182	183	182	181	181
60% Exceedance	181	183	183	183	184	184	183	181	183	181	181	181
70% Exceedance	180	182	182	182	182	182	182	180	182	181	181	180
80% Exceedance	180	182	181	180	180	181	181	179	182	181	181	180
90% Exceedance	180	180	178	178	178	179	180	179	181	181	180	180
Full Simulation Period Average^a	183	187	185	185	186	186	185	182	184	182	182	182
Wet Years (27.7%)	180	182	182	180	179	181	181	179	182	181	181	180
Above Normal Years (13.9%)	181	183	184	183	183	182	182	180	183	182	181	180
Below Normal Years (17.8%)	182	186	184	186	188	187	185	182	184	182	181	181
Dry Years (23.8%)	184	187	186	188	190	189	186	183	183	182	181	182
Critical Years (15.8%)	192	199	192	189	194	195	192	189	188	187	186	188

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-6 c. Cache Slough at Ryer Island Salinity, ALT3 Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	-1	-1	0	-1	-2	-2	-5	-13	-10	-1
20% Exceedance	-2	-1	0	-1	-1	-1	-1	0	2	2	-3	-3
30% Exceedance	-1	0	-1	-1	0	-1	-1	0	2	2	-1	-2
40% Exceedance	-1	0	-1	0	-1	-1	0	0	2	2	0	-1
50% Exceedance	0	0	-1	-1	-1	-1	-1	-1	2	2	1	0
60% Exceedance	1	0	-1	-1	0	0	-1	-1	2	2	1	1
70% Exceedance	0	0	-1	-1	0	-1	-1	-1	1	2	1	1
80% Exceedance	0	0	0	0	0	0	-1	-1	1	2	2	1
90% Exceedance	0	-1	-1	0	0	0	0	-1	1	2	1	1
Full Simulation Period Average^a	-1	0	-1	-1	0	-1	-1	-1	0	0	-1	-1
Wet Years (27.7%)	0	0	-1	0	0	0	0	-1	1	2	2	1
Above Normal Years (13.9%)	0	0	-1	-1	0	0	-1	-1	2	3	2	1
Below Normal Years (17.8%)	-1	0	0	0	-1	-1	-1	0	2	3	1	-1
Dry Years (23.8%)	-1	0	0	-1	0	-1	-1	0	1	1	-3	-2
Critical Years (15.8%)	-1	-1	-2	-2	0	-1	-3	-2	-11	-13	-11	-2

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-7 a. Cache Slough at Ryer Island Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	190	196	193	192	195	195	193	188	192	197	195	189
20% Exceedance	187	191	190	190	192	192	189	184	183	181	186	186
30% Exceedance	185	188	189	188	190	190	187	183	182	180	183	184
40% Exceedance	184	186	186	186	189	189	186	183	182	180	181	182
50% Exceedance	182	185	185	185	187	188	185	182	182	180	180	181
60% Exceedance	181	183	184	183	184	185	184	182	181	179	180	179
70% Exceedance	180	182	183	182	182	183	183	181	181	179	179	179
80% Exceedance	180	181	181	180	180	181	182	180	181	179	179	179
90% Exceedance	179	181	179	178	178	179	180	179	180	179	179	179
Full Simulation Period Average^a	184	187	186	185	186	187	186	183	184	183	183	183
Wet Years (27.7%)	180	182	183	180	180	181	181	180	181	179	179	179
Above Normal Years (13.9%)	180	183	185	184	183	182	183	181	181	179	179	179
Below Normal Years (17.8%)	184	186	184	186	188	188	186	182	182	180	180	182
Dry Years (23.8%)	185	187	186	188	190	190	187	183	182	181	184	184
Critical Years (15.8%)	193	200	193	191	194	196	195	191	199	200	198	191

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-7 b. Cache Slough at Ryer Island Salinity, ALT4, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	190	196	193	192	195	195	192	188	193	196	196	189
20% Exceedance	187	191	189	190	192	192	189	184	182	182	187	186
30% Exceedance	185	188	188	188	190	190	187	183	182	180	184	184
40% Exceedance	185	186	186	186	189	188	186	183	182	180	181	182
50% Exceedance	182	185	185	185	187	187	185	182	182	180	180	181
60% Exceedance	181	183	183	183	184	185	184	182	181	179	180	180
70% Exceedance	181	183	183	182	182	182	183	181	181	179	179	180
80% Exceedance	180	182	181	180	180	181	182	180	181	179	179	180
90% Exceedance	180	181	179	178	178	179	180	179	180	179	179	179
Full Simulation Period Average^a	184	187	186	185	186	187	186	183	184	183	184	183
Wet Years (27.7%)	180	182	183	180	180	181	181	180	181	179	180	180
Above Normal Years (13.9%)	181	183	185	183	183	182	183	181	181	179	179	180
Below Normal Years (17.8%)	184	186	184	186	188	187	186	182	182	179	180	182
Dry Years (23.8%)	185	188	186	188	190	190	187	183	182	181	184	184
Critical Years (15.8%)	192	197	192	190	194	196	195	191	199	199	198	191

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-7 c. Cache Slough at Ryer Island Salinity, ALT4 Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1	0	-1	-1	0	1	0	0	1	-1	1	0
20% Exceedance	0	0	-1	0	0	0	0	0	0	1	1	0
30% Exceedance	0	0	-1	0	0	0	0	0	0	0	1	0
40% Exceedance	1	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	1	0	0	0	0	0	0	0	0	0	0	1
70% Exceedance	1	1	0	0	0	0	0	0	0	0	0	1
80% Exceedance	1	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
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	1	0	0	0	0	0	0	0	0	0	0	1
Above Normal Years (13.9%)	1	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	1	0
Critical Years (15.8%)	-1	-3	-1	-1	0	0	0	0	-1	-1	1	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-8 a. Cache Slough at Ryer Island Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	190	196	193	192	195	195	193	188	192	197	195	189
20% Exceedance	187	191	190	190	192	192	189	184	183	181	186	186
30% Exceedance	185	188	189	188	190	190	187	183	182	180	183	184
40% Exceedance	184	186	186	186	189	189	186	183	182	180	181	182
50% Exceedance	182	185	185	185	187	188	185	182	182	180	180	181
60% Exceedance	181	183	184	183	184	185	184	182	181	179	180	179
70% Exceedance	180	182	183	182	182	183	183	181	181	179	179	179
80% Exceedance	180	181	181	180	180	181	182	180	181	179	179	179
90% Exceedance	179	181	179	178	178	179	180	179	180	179	179	179
Full Simulation Period Average^a	184	187	186	185	186	187	186	183	184	183	183	183
Wet Years (27.7%)	180	182	183	180	180	181	181	180	181	179	179	179
Above Normal Years (13.9%)	180	183	185	184	183	182	183	181	181	179	179	179
Below Normal Years (17.8%)	184	186	184	186	188	188	186	182	182	180	180	182
Dry Years (23.8%)	185	187	186	188	190	190	187	183	182	181	184	184
Critical Years (15.8%)	193	200	193	191	194	196	195	191	199	200	198	191

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-8 b. Cache Slough at Ryer Island Salinity, Action 5, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	191	194	194	192	194	194	191	187	193	192	193	189
20% Exceedance	187	191	189	190	192	192	188	183	182	182	185	185
30% Exceedance	185	188	188	188	190	190	187	183	182	180	182	183
40% Exceedance	184	186	186	186	189	188	186	182	182	180	181	182
50% Exceedance	184	185	185	185	186	187	185	182	182	180	180	181
60% Exceedance	183	184	184	183	184	185	184	181	181	179	180	181
70% Exceedance	181	183	183	182	182	183	183	181	181	179	179	180
80% Exceedance	180	182	181	180	180	181	181	180	181	179	179	180
90% Exceedance	180	181	179	178	178	179	180	179	180	179	179	179
Full Simulation Period Average^a	184	186	186	185	186	187	185	182	184	183	183	183
Wet Years (27.7%)	181	183	183	180	180	181	181	180	181	179	180	180
Above Normal Years (13.9%)	182	184	185	183	183	182	183	181	181	179	179	180
Below Normal Years (17.8%)	184	185	184	186	188	187	185	182	182	180	180	181
Dry Years (23.8%)	185	187	186	188	190	190	187	183	182	181	183	184
Critical Years (15.8%)	193	196	194	191	194	196	193	188	198	198	197	191

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-4-8 c. Cache Slough at Ryer Island Salinity, Action 5 Minus NAA, Monthly EC (UMHOS/CM)

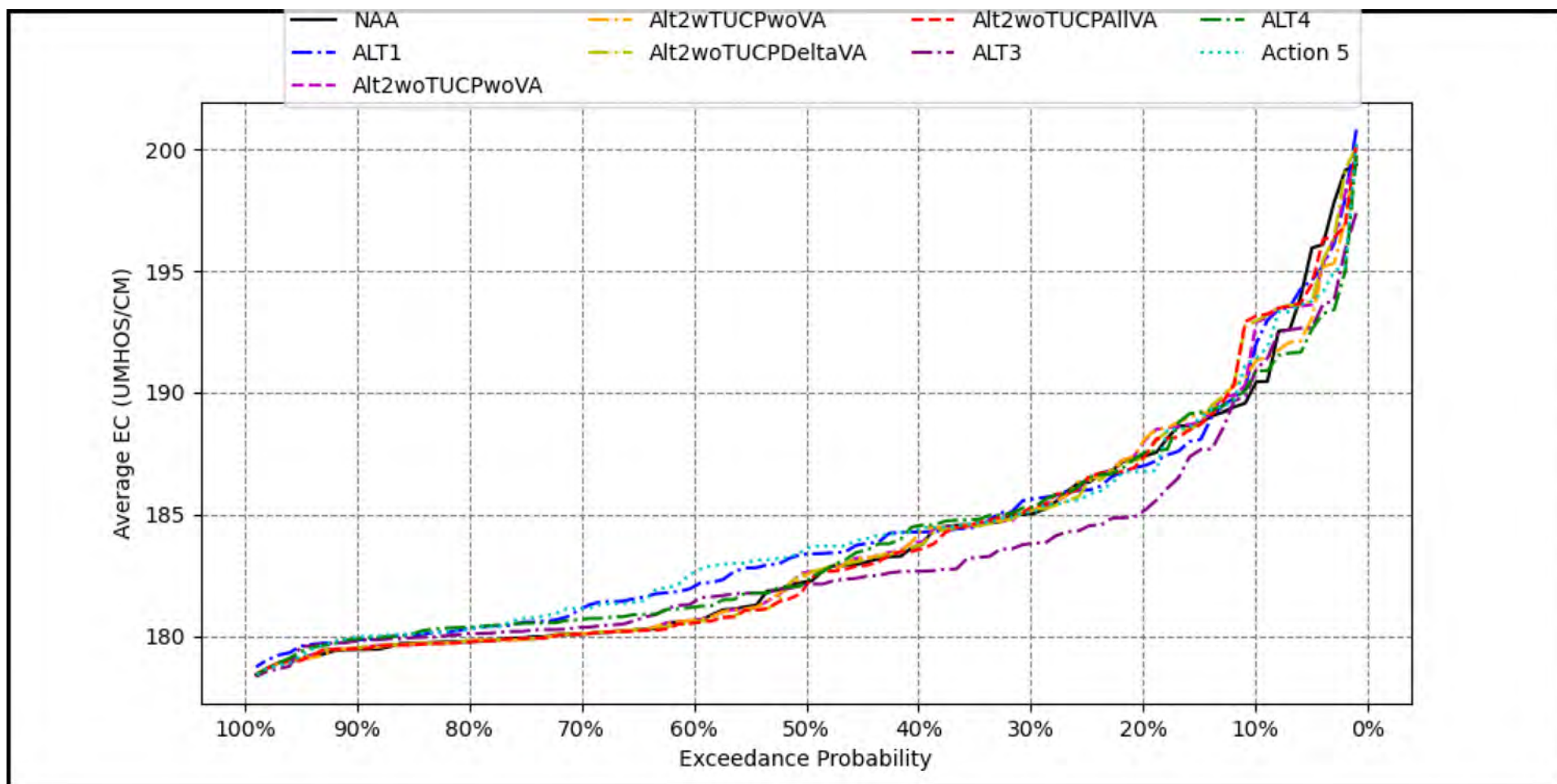
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2	-1	0	0	-1	0	-1	-1	1	-5	-2	0
20% Exceedance	-1	-1	0	0	0	0	-1	0	0	0	-1	0
30% Exceedance	0	0	-1	0	0	-1	0	0	0	0	-1	0
40% Exceedance	1	0	0	0	0	0	-1	0	0	0	-1	0
50% Exceedance	1	0	0	0	-1	0	0	-1	0	0	0	0
60% Exceedance	2	0	0	0	-1	0	0	0	0	0	0	1
70% Exceedance	1	1	0	0	0	0	0	0	0	0	0	1
80% Exceedance	1	1	0	0	0	0	0	0	0	0	0	1
90% Exceedance	1	0	0	0	0	0	0	0	0	0	0	1
Full Simulation Period Average^a	0	0	0	0	0	0	-1	-1	0	0	0	0
Wet Years (27.7%)	1	1	0	0	0	0	0	0	0	0	0	1
Above Normal Years (13.9%)	1	1	0	0	0	0	0	0	0	0	0	1
Below Normal Years (17.8%)	0	-1	0	0	-1	0	-1	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	-1	0
Critical Years (15.8%)	0	-4	0	0	0	0	-2	-3	-2	-2	-1	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

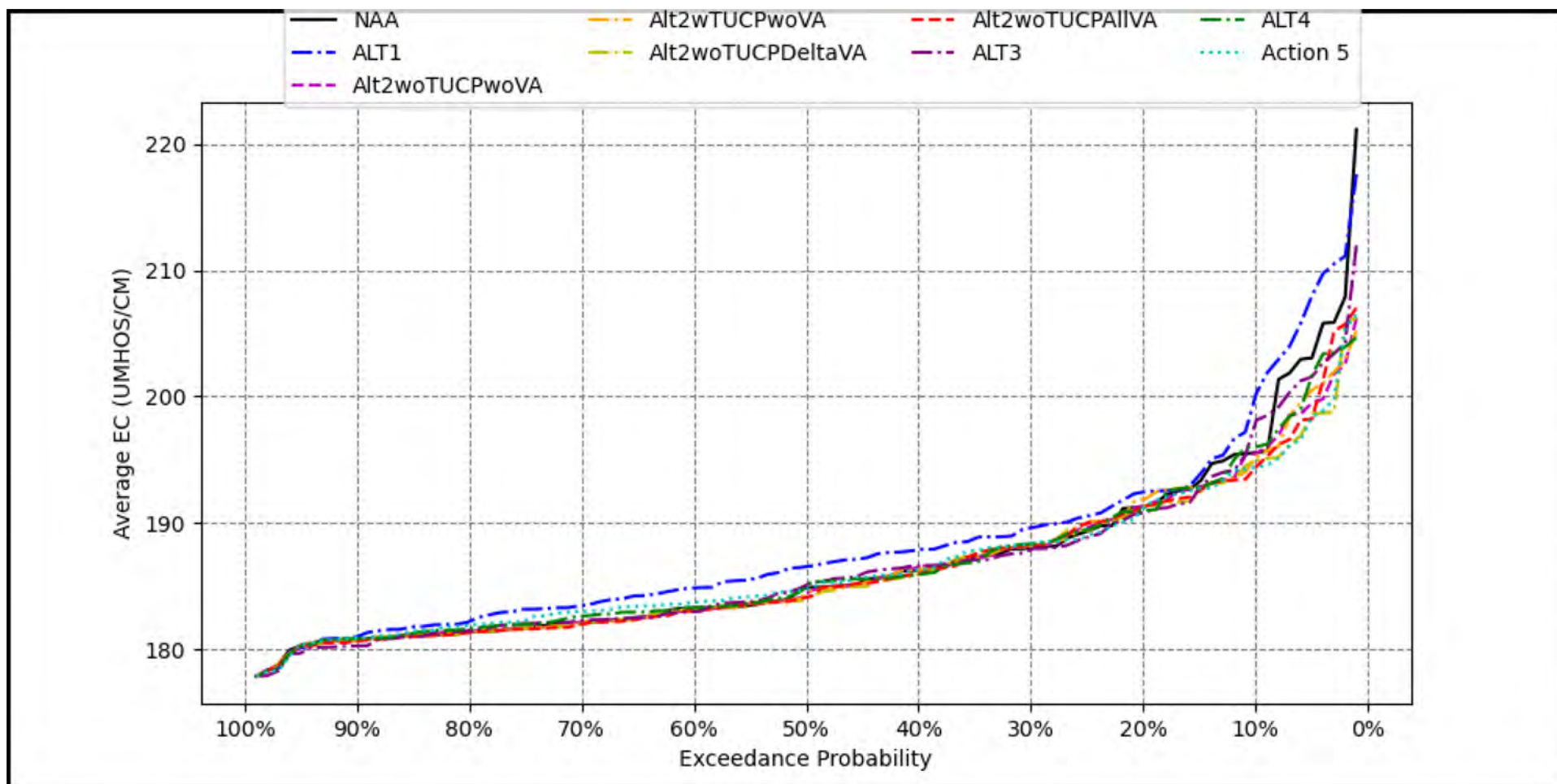
* Water Year Types defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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



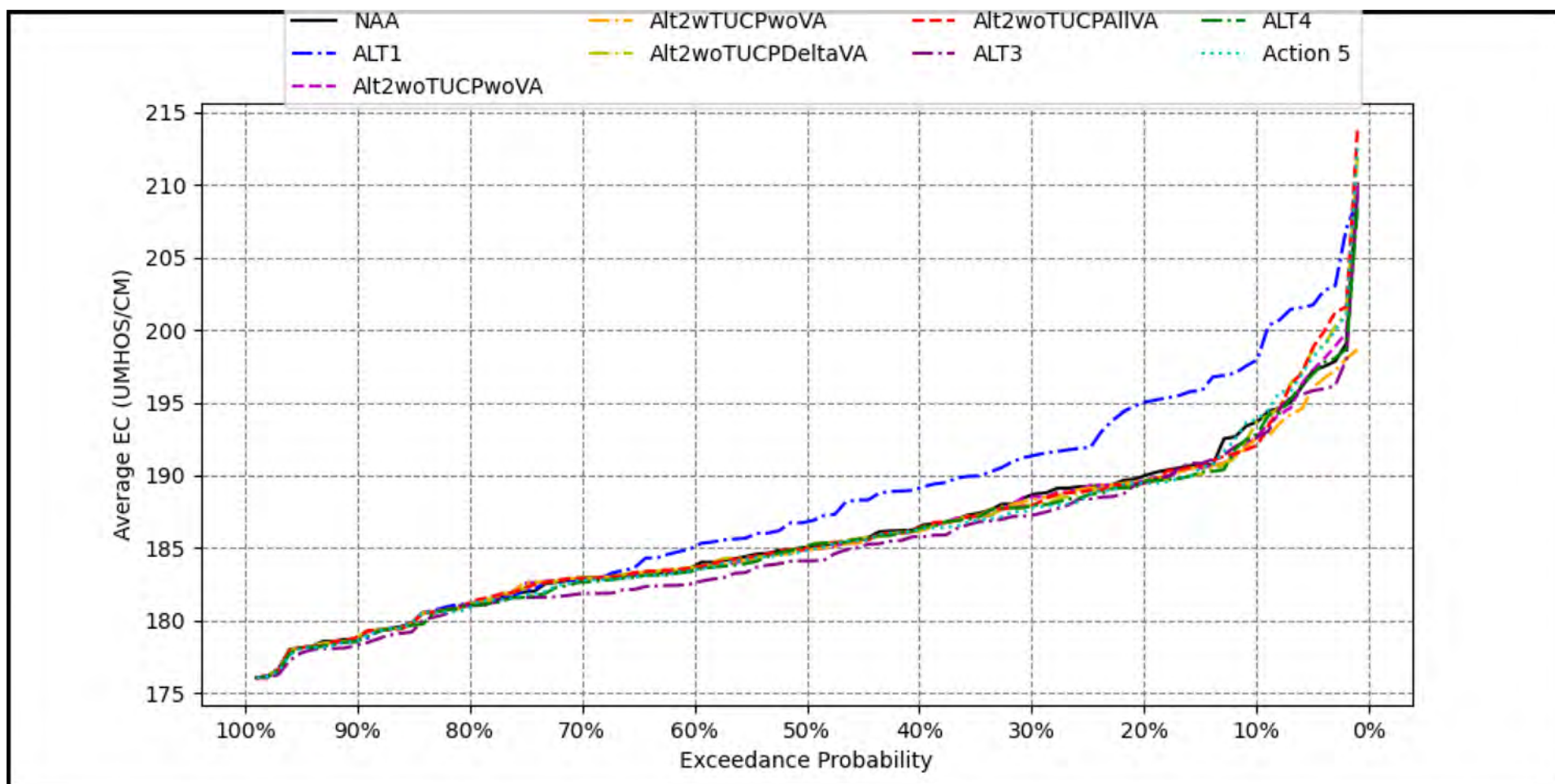
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-4-1 Cache Slough at Ryer Island Salinity, October EC



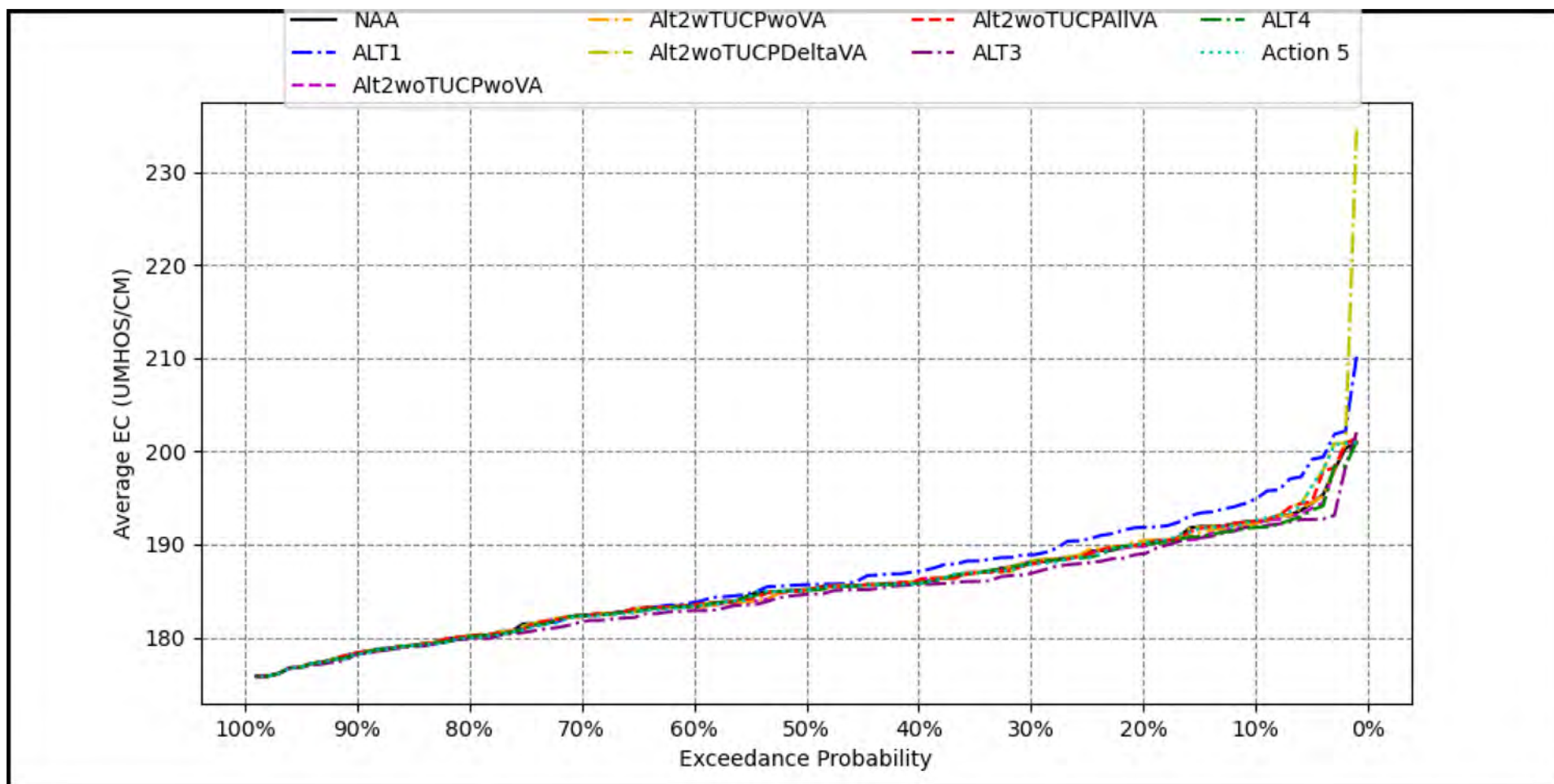
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-4-2 Cache Slough at Ryer Island Salinity, November EC



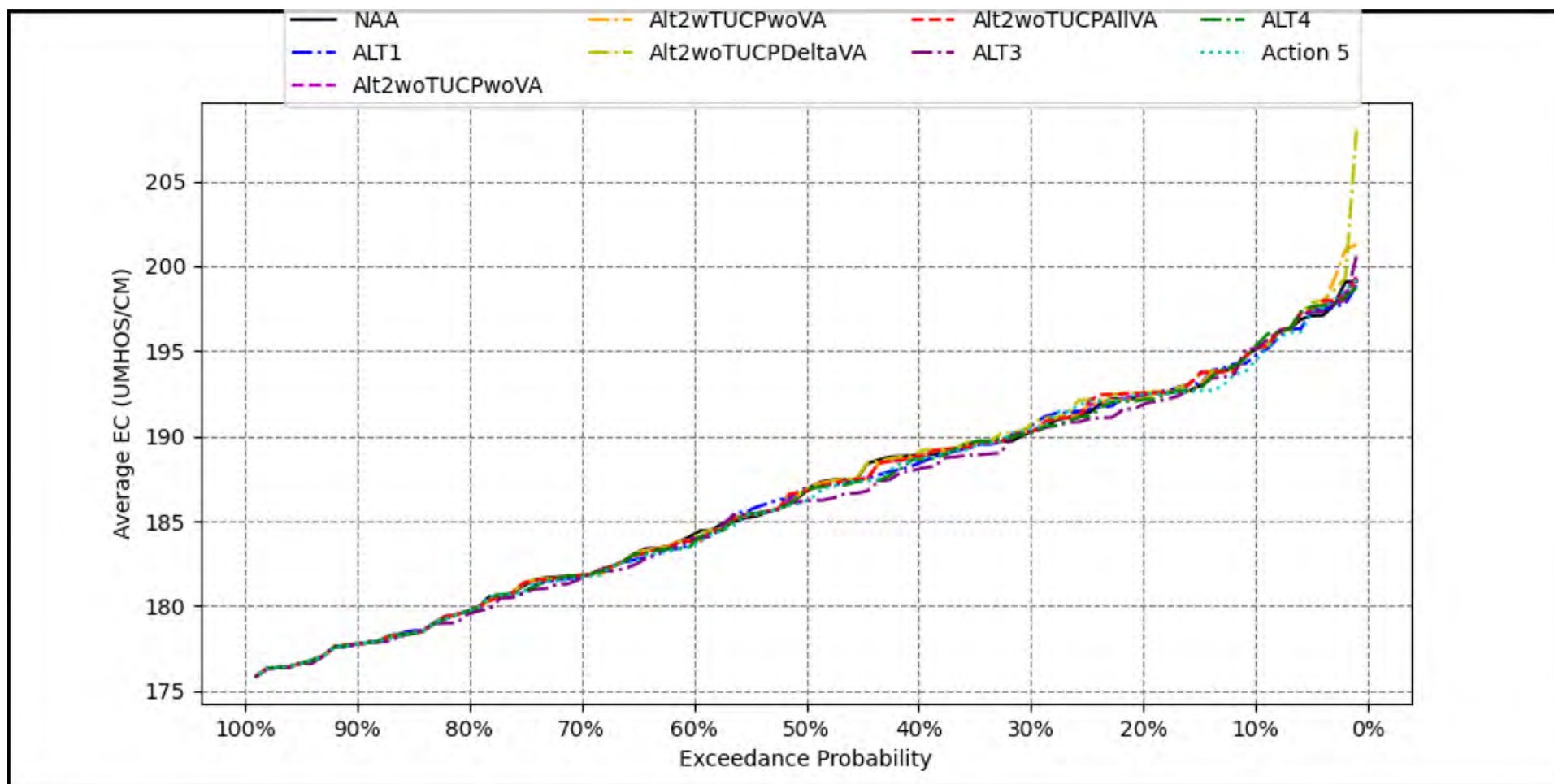
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-4-3 Cache Slough at Ryer Island Salinity, December EC



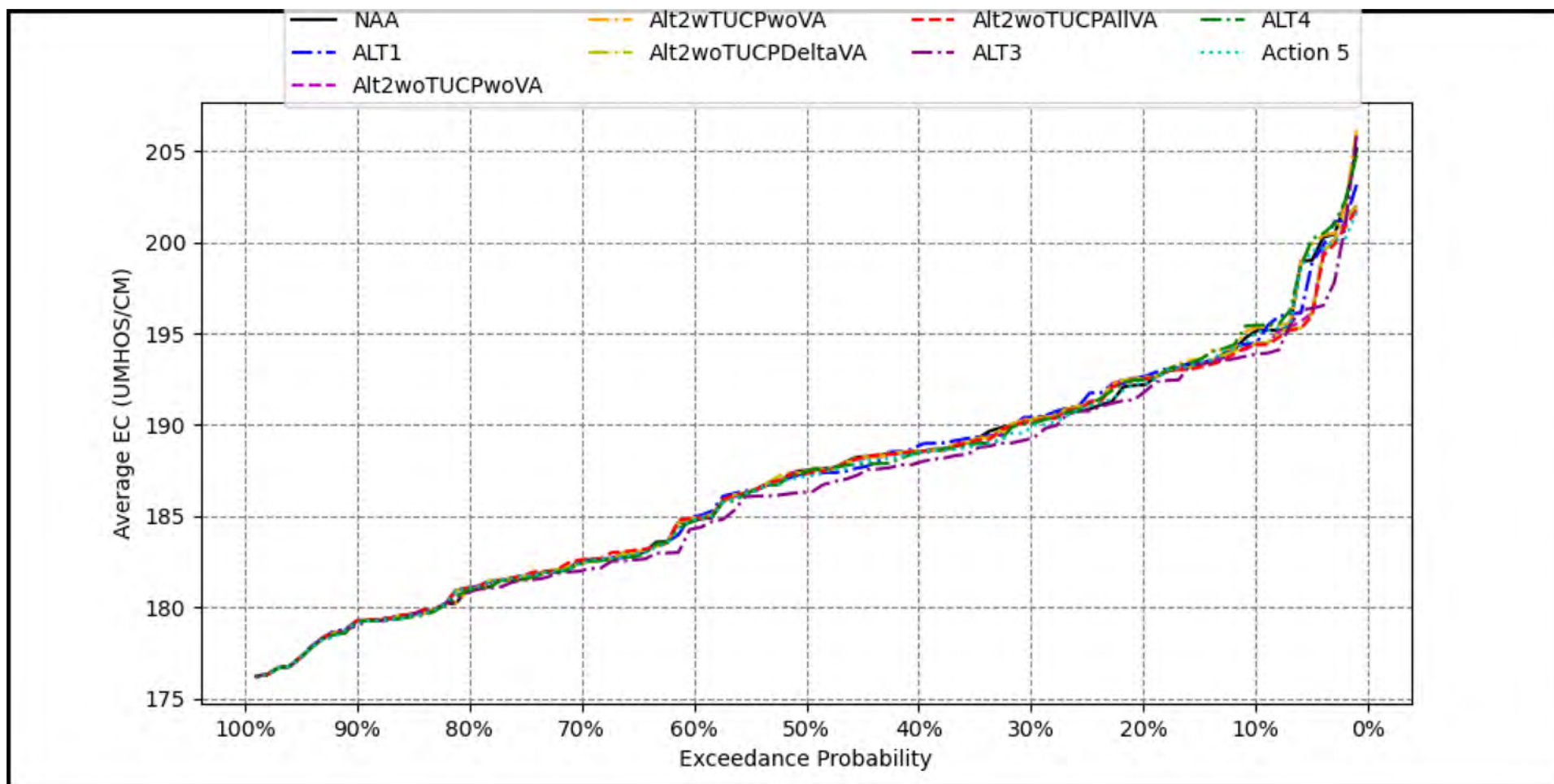
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-4-4 Cache Slough at Ryer Island Salinity, January EC



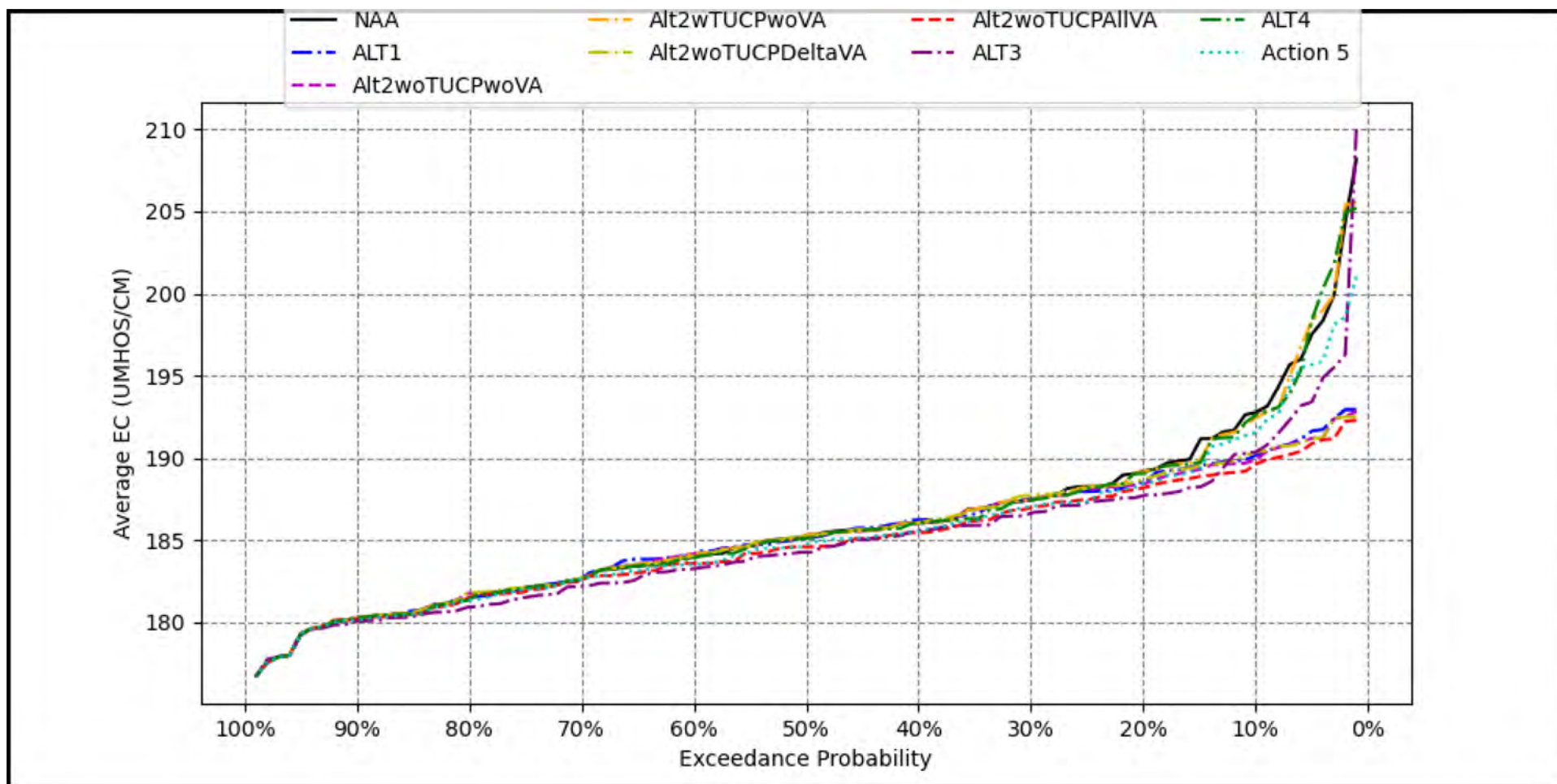
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-4-5 Cache Slough at Ryer Island Salinity, February EC



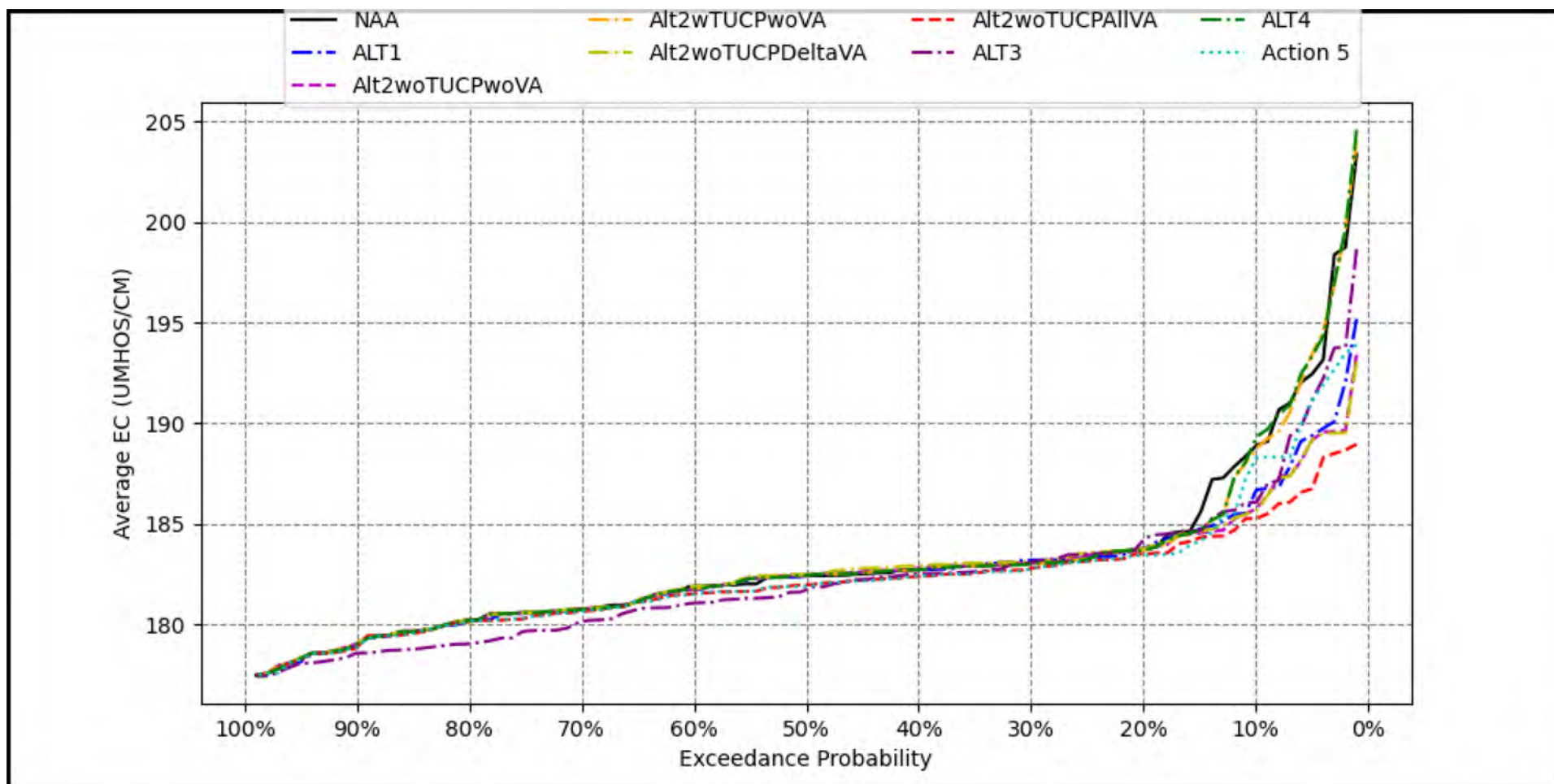
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-4-6 Cache Slough at Ryer Island Salinity, March EC



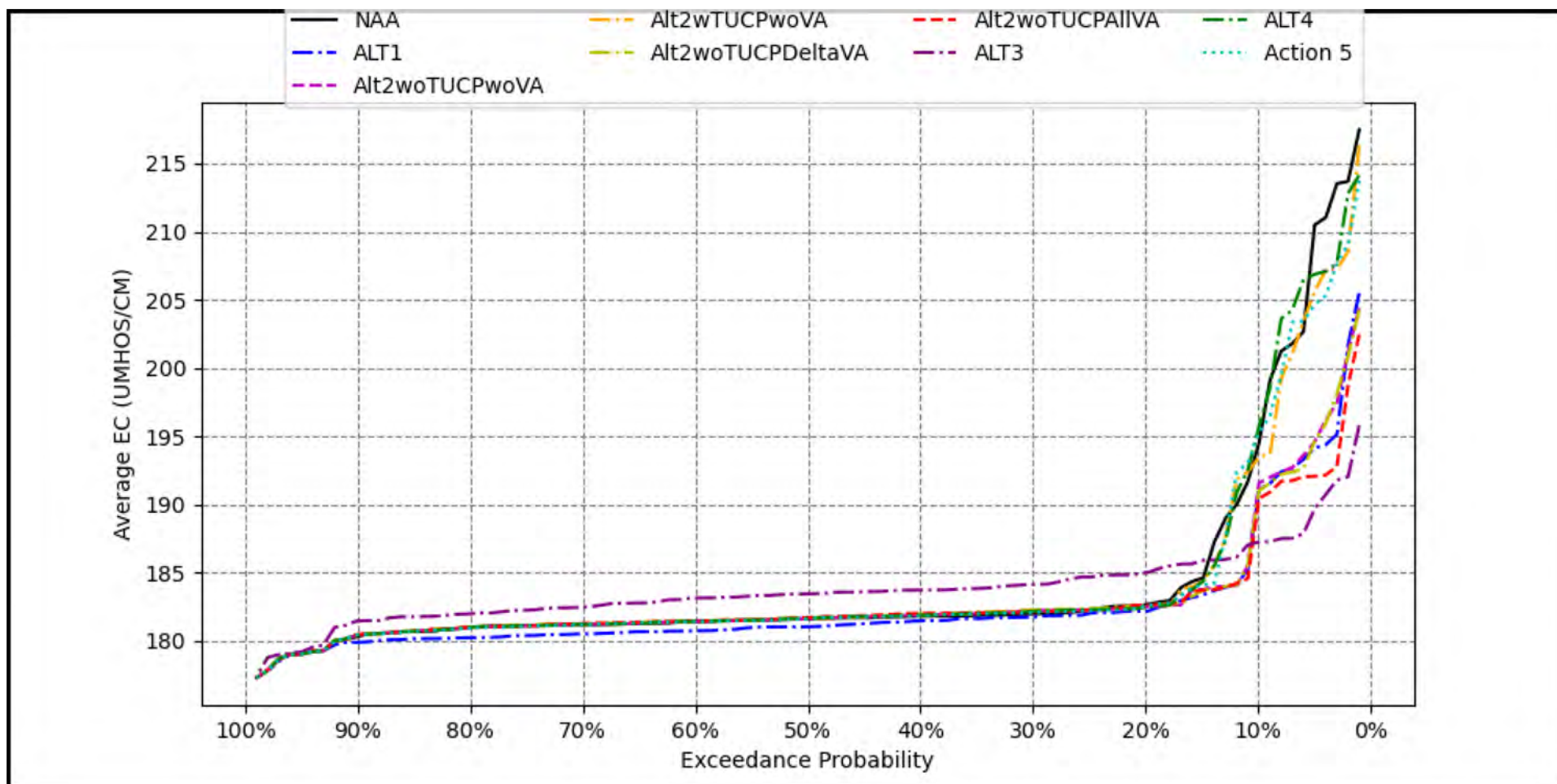
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-4-7 Cache Slough at Ryer Island Salinity, April EC



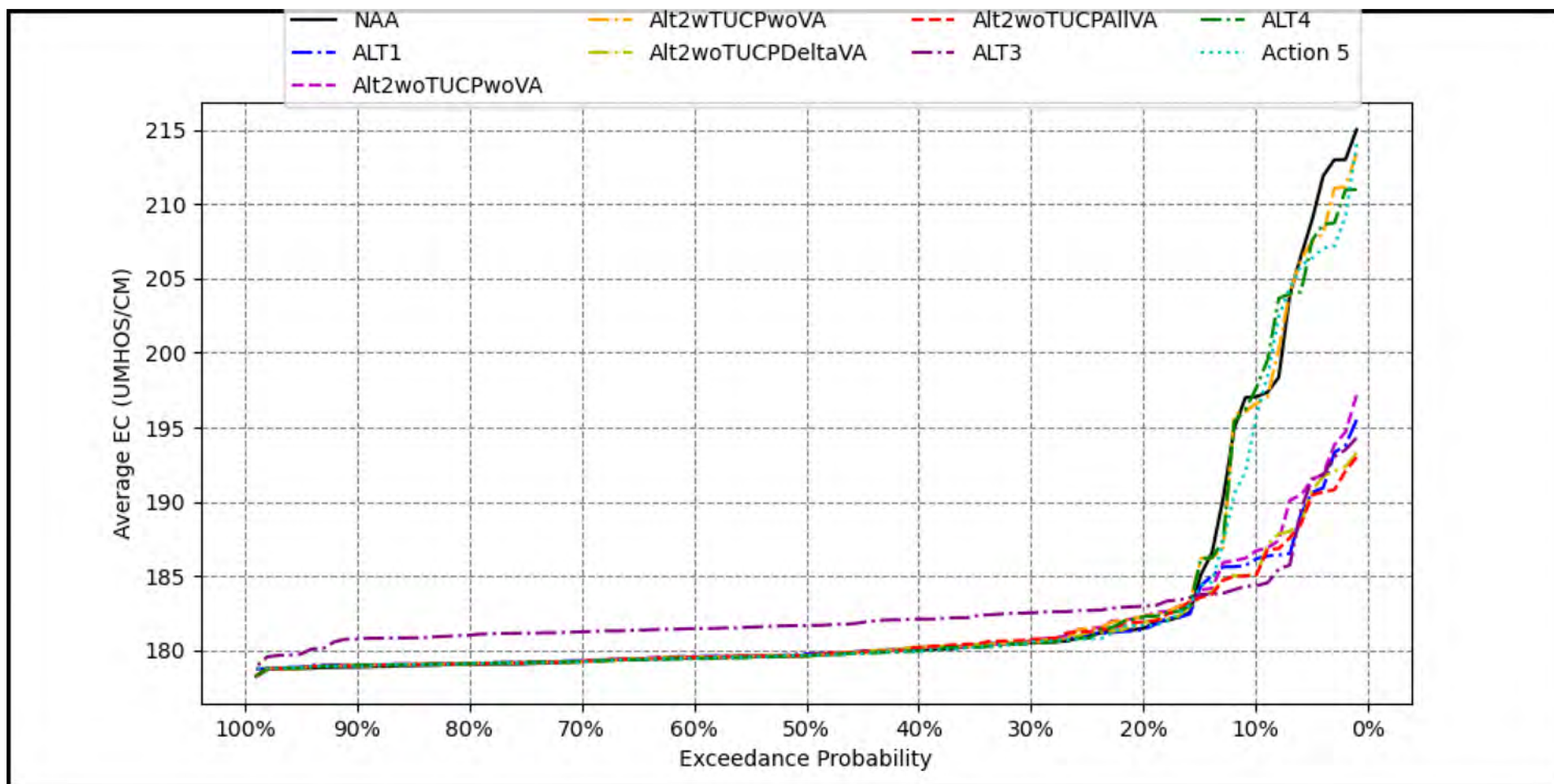
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-4-8 Cache Slough at Ryer Island Salinity, May EC



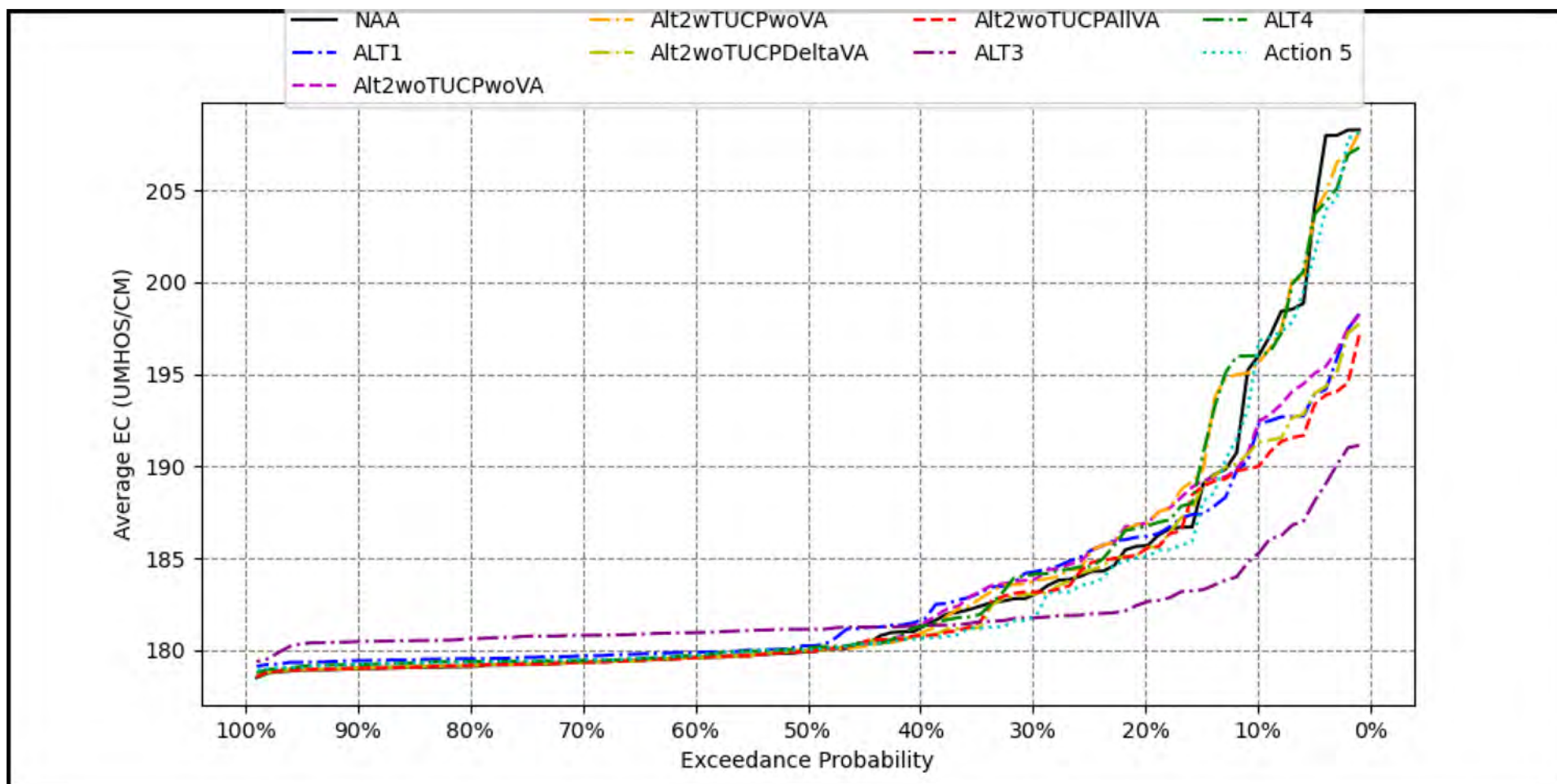
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-4-9 Cache Slough at Ryer Island Salinity, June EC



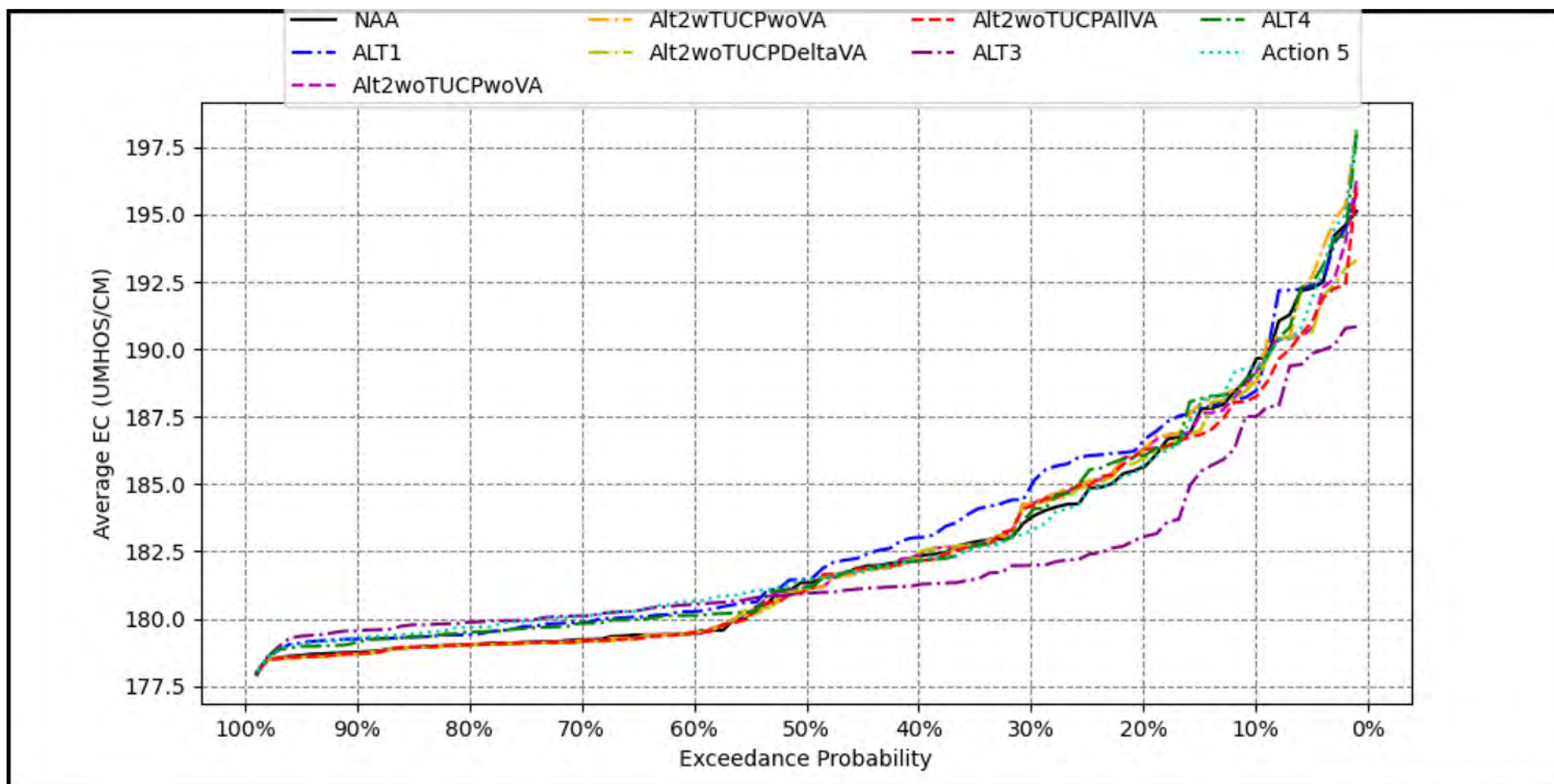
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-4-10 Cache Slough at Ryer Island Salinity, July EC



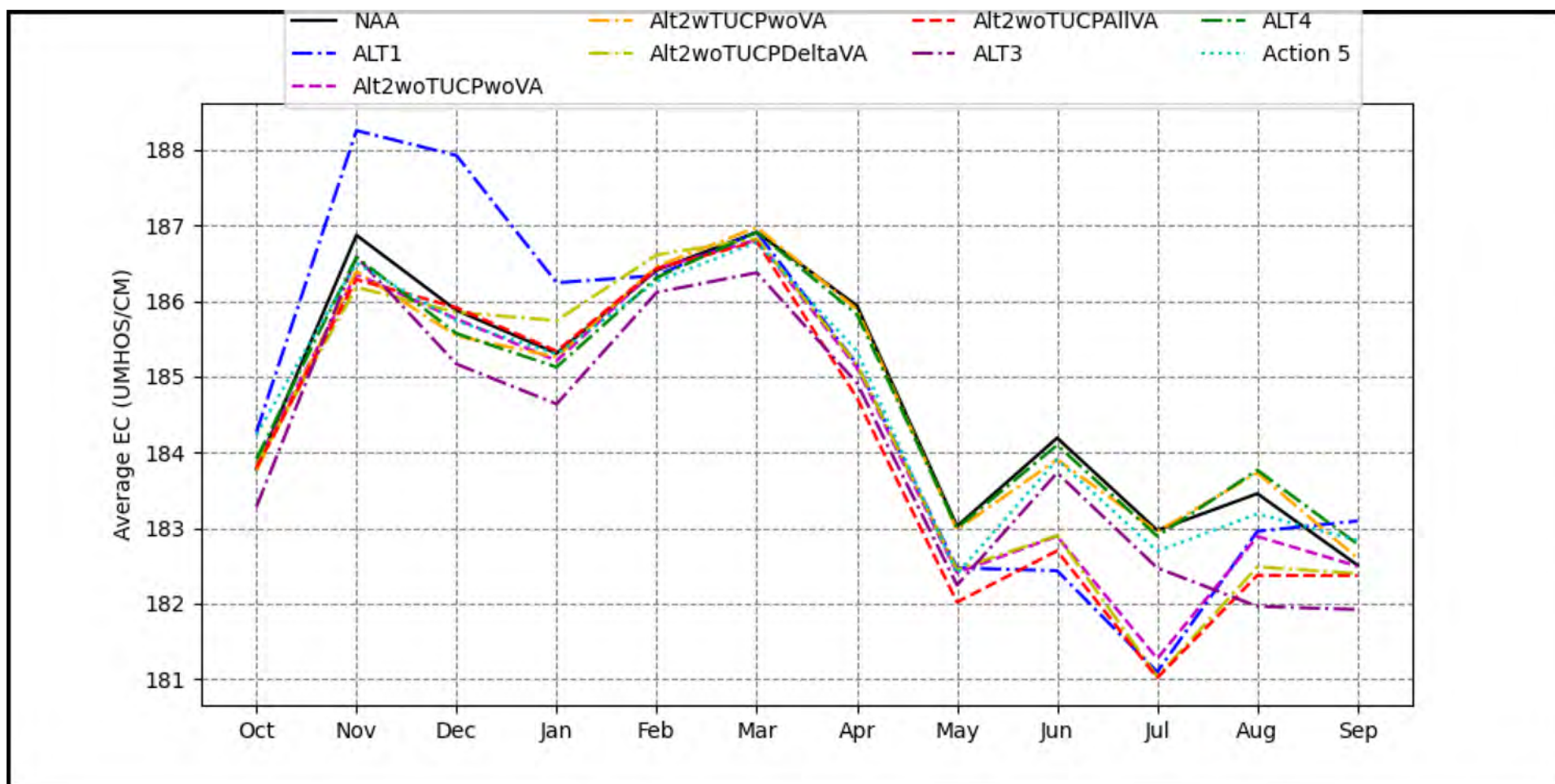
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-4-11 Cache Slough at Ryer Island Salinity, August EC



*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-4-12 Cache Slough at Ryer Island Salinity, September EC

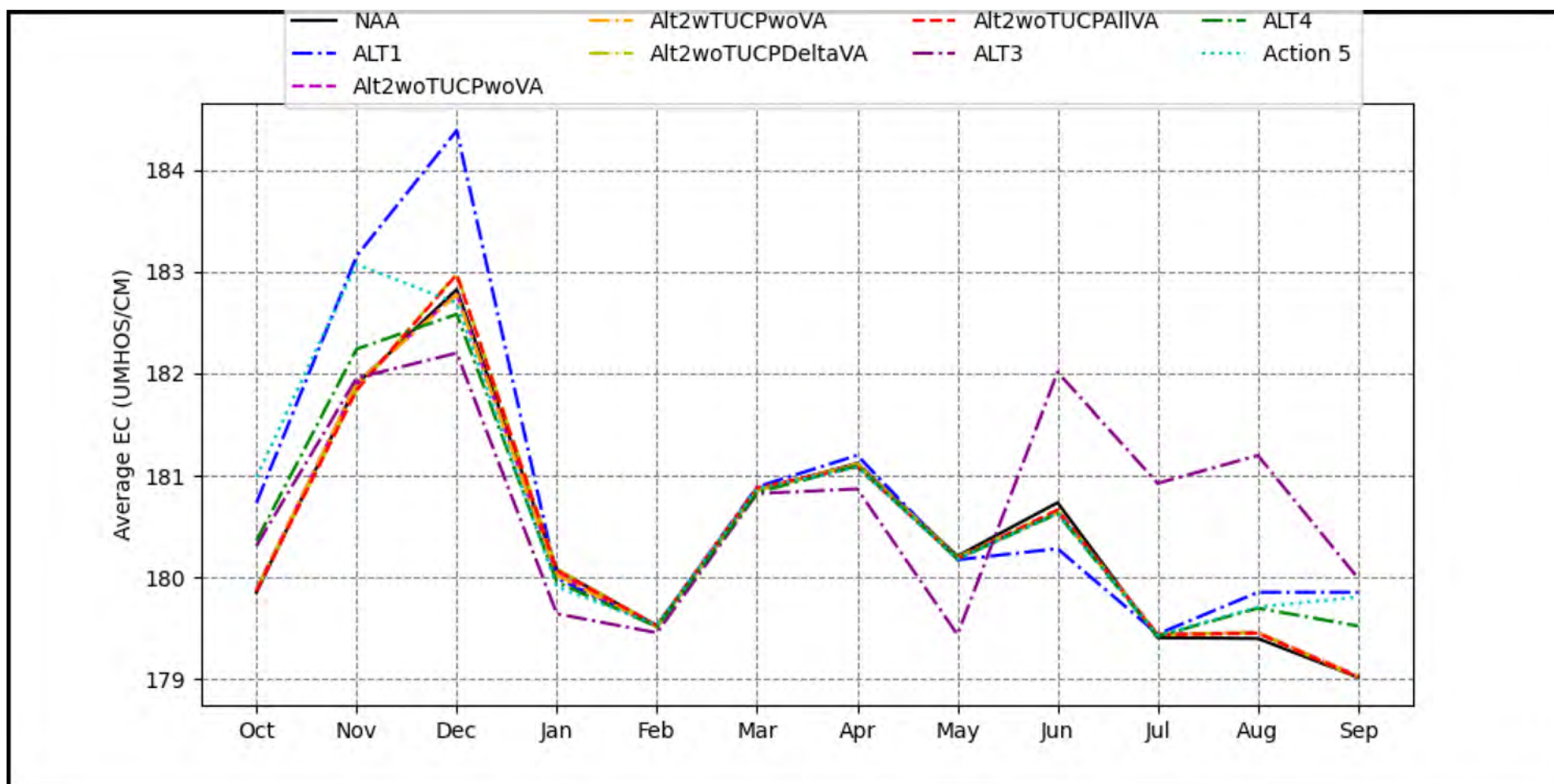


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-4-13 Cache Slough at Ryer Island Salinity, Long Term Average EC (UMHOS/CM)

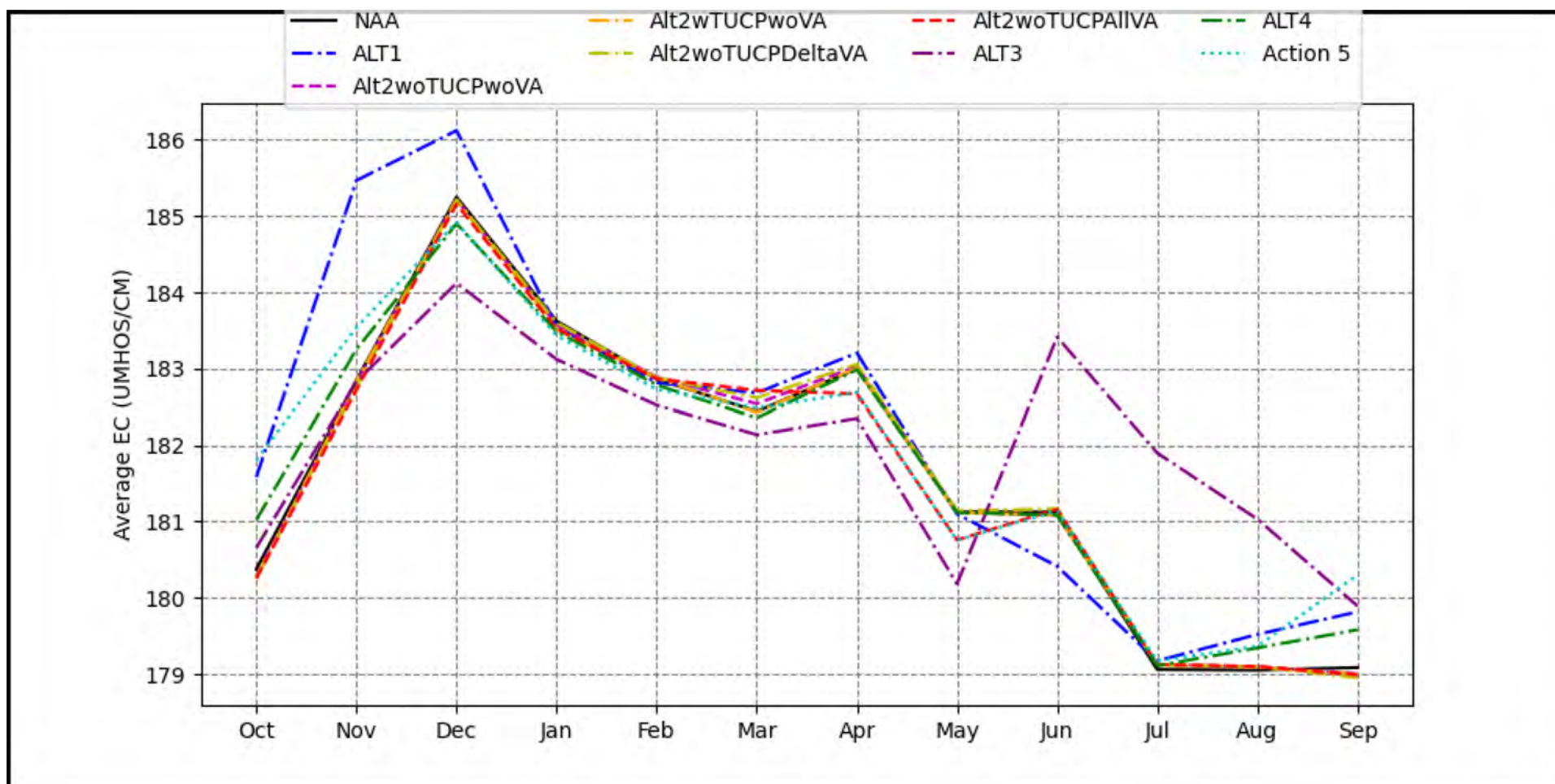


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-4-14 Cache Slough at Ryer Island Salinity, Wet Year Average EC (UMHOS/CM)

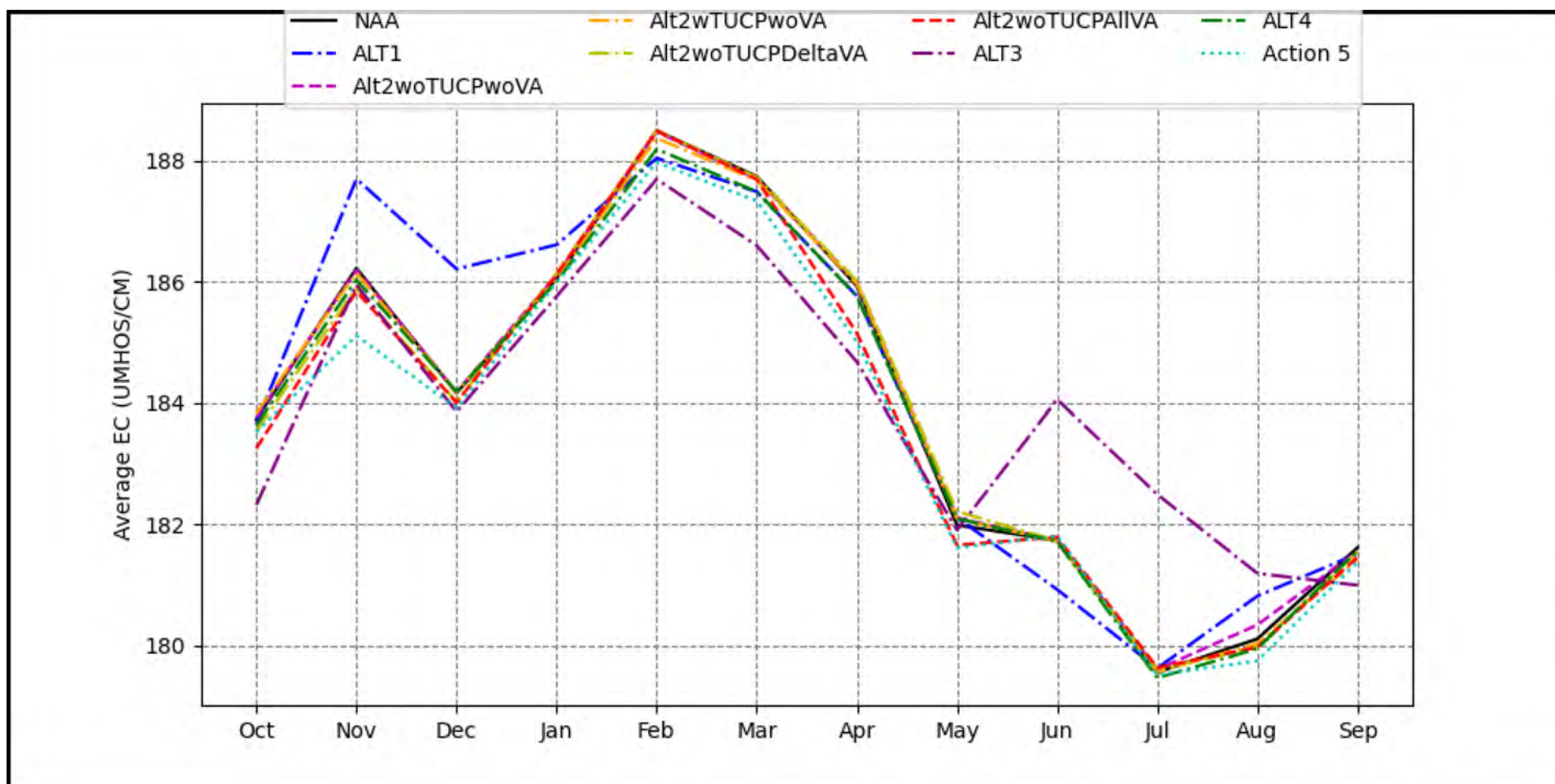


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-4-15 Cache Slough at Ryer Island Salinity, Above Normal Year Average EC (UMHOS/CM)

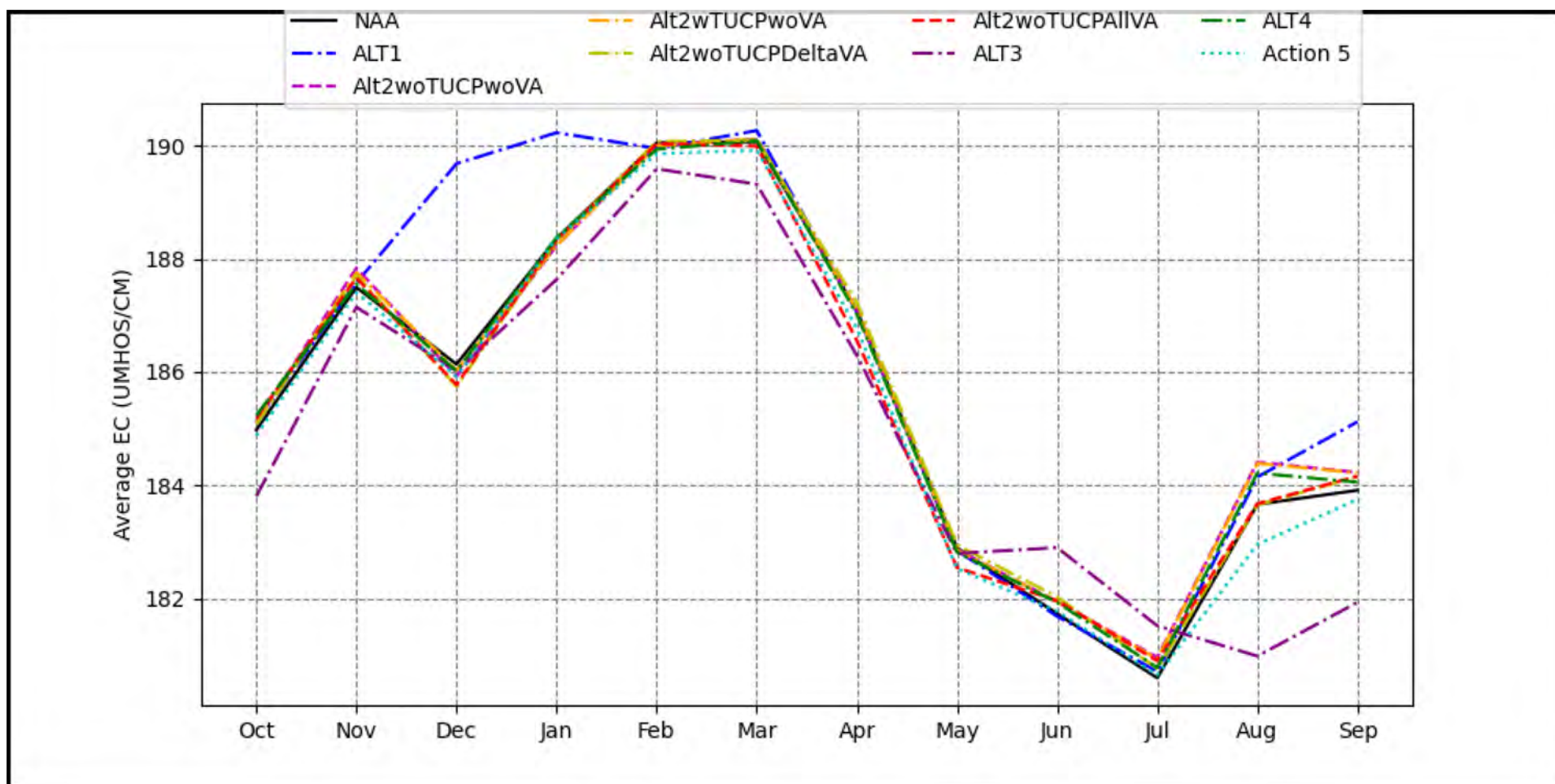


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-4-16 Cache Slough at Ryer Island Salinity, Below Normal Year Average EC (UMHOS/CM)

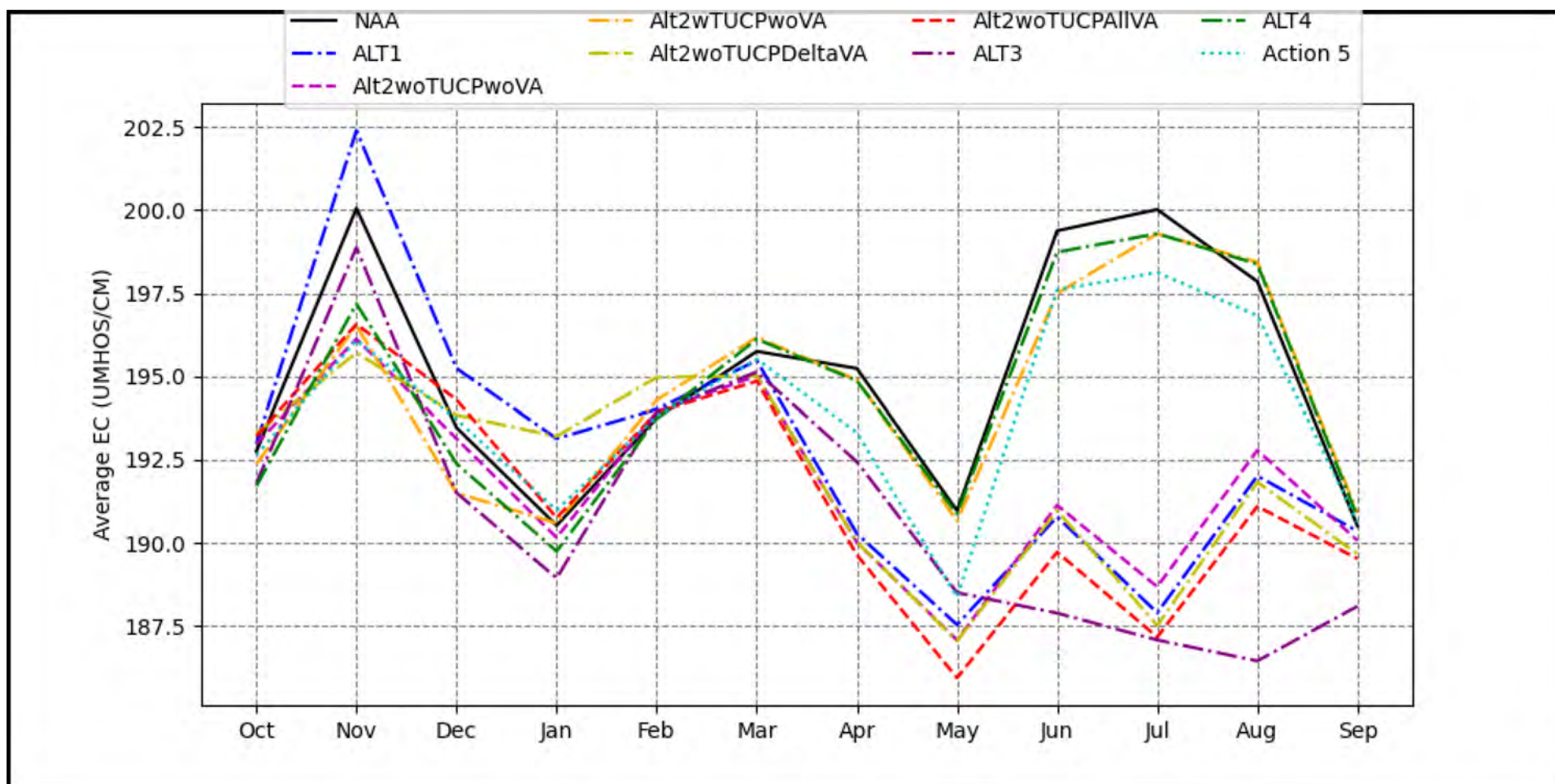


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-4-17 Cache Slough at Ryer Island Salinity, Dry Year Average EC (UMHOS/CM)



*As defined by the 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 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-4-18 Cache Slough at Ryer Island Salinity, Critical Year Average EC (UMHOS/CM)

F.2.5-5 Sacramento River downstream of Georgiana Slough Salinity

Table F.2.5-5-1 a. Sacramento River downstream of Georgiana Slough Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	178	178	178	179	179	177	176	176	176	176	176
20% Exceedance	176	177	178	178	179	178	176	176	176	175	176	176
30% Exceedance	176	177	177	178	178	177	176	176	176	175	176	176
40% Exceedance	176	176	177	177	178	177	176	176	176	175	175	176
50% Exceedance	176	176	177	177	177	177	176	176	176	175	175	175
60% Exceedance	176	176	177	176	177	177	176	175	176	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	178	177	176	176	176	175	175	175
Wet Years (27.7%)	175	176	176	177	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	177	177	177	178	177	176	175	176	175	175	176
Dry Years (23.8%)	176	176	177	177	178	177	176	176	176	175	176	176
Critical Years (15.8%)	176	177	178	177	179	179	177	176	176	176	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-1 b. Sacramento River downstream of Georgiana Slough Salinity, ALT1, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	178	178	178	179	179	176	176	176	176	176	176
20% Exceedance	176	177	178	178	179	178	176	176	176	175	176	176
30% Exceedance	176	177	177	177	178	177	176	176	176	175	176	176
40% Exceedance	176	176	177	177	178	177	176	176	176	175	175	176
50% Exceedance	176	176	177	177	177	177	176	176	175	175	175	176
60% Exceedance	176	176	176	177	177	176	176	175	175	175	175	175
70% Exceedance	176	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	177	177	177	178	177	176	176	176	175	175	176
Wet Years (27.7%)	175	176	176	177	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	177	177	177	177	177	176	175	175	175	175	175
Dry Years (23.8%)	176	176	177	178	178	177	176	176	176	175	176	176
Critical Years (15.8%)	176	177	178	178	179	179	176	176	176	176	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-1 c. Sacramento River downstream of Georgiana Slough Salinity, ALT1 Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	-1	0	0	0	0	0
20% Exceedance	0	0	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
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	-1	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-2 a. Sacramento River downstream of Georgiana Slough Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	178	178	178	179	179	177	176	176	176	176	176
20% Exceedance	176	177	178	178	179	178	176	176	176	175	176	176
30% Exceedance	176	177	177	178	178	177	176	176	176	175	176	176
40% Exceedance	176	176	177	177	178	177	176	176	176	175	175	176
50% Exceedance	176	176	177	177	177	177	176	176	176	175	175	175
60% Exceedance	176	176	177	176	177	177	176	175	176	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	178	177	176	176	176	175	175	175
Wet Years (27.7%)	175	176	176	177	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	177	177	177	178	177	176	175	176	175	175	176
Dry Years (23.8%)	176	176	177	177	178	177	176	176	176	175	176	176
Critical Years (15.8%)	176	177	178	177	179	179	177	176	176	176	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-2 b. Sacramento River downstream of Georgiana Slough Salinity, Alt2woTUCPwoVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	178	178	178	179	178	176	176	176	176	176	176
20% Exceedance	176	177	178	178	179	178	176	176	176	176	176	176
30% Exceedance	176	177	177	177	178	177	176	176	176	175	176	176
40% Exceedance	176	176	177	177	178	177	176	176	176	175	175	176
50% Exceedance	176	176	177	177	177	177	176	176	176	175	175	175
60% Exceedance	176	176	177	176	177	176	176	175	176	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	176	175	175	175
80% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	178	177	176	176	176	175	175	175
Wet Years (27.7%)	175	176	176	177	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	177	177	177	178	177	176	175	176	175	175	176
Dry Years (23.8%)	176	176	177	177	178	177	176	176	176	175	176	176
Critical Years (15.8%)	176	177	178	177	179	178	176	176	176	176	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-2 c. Sacramento River downstream of Georgiana Slough Salinity, Alt2woTUCPwoVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	-1	0	0	0	0	0
20% Exceedance	0	0	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
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	-1	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-3 a. Sacramento River downstream of Georgiana Slough Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	178	178	178	179	179	177	176	176	176	176	176
20% Exceedance	176	177	178	178	179	178	176	176	176	175	176	176
30% Exceedance	176	177	177	178	178	177	176	176	176	175	176	176
40% Exceedance	176	176	177	177	178	177	176	176	176	175	175	176
50% Exceedance	176	176	177	177	177	177	176	176	176	175	175	175
60% Exceedance	176	176	177	176	177	177	176	175	176	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	178	177	176	176	176	175	175	175
Wet Years (27.7%)	175	176	176	177	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	177	177	177	178	177	176	175	176	175	175	176
Dry Years (23.8%)	176	176	177	177	178	177	176	176	176	175	176	176
Critical Years (15.8%)	176	177	178	177	179	179	177	176	176	176	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-3 b. Sacramento River downstream of Georgiana Slough Salinity, Alt2wTUCPwoVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	178	178	178	179	179	177	176	176	176	176	176
20% Exceedance	176	177	178	178	179	178	176	176	176	175	176	176
30% Exceedance	176	177	177	177	178	177	176	176	176	175	176	176
40% Exceedance	176	176	177	177	178	177	176	176	176	175	175	176
50% Exceedance	176	176	177	177	177	177	176	176	176	175	175	175
60% Exceedance	176	176	177	176	177	176	176	175	176	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	176	175	175	175
80% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	178	177	176	176	176	175	175	175
Wet Years (27.7%)	175	176	176	177	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	177	177	177	178	177	176	175	176	175	175	176
Dry Years (23.8%)	176	176	177	177	178	177	176	176	176	175	176	176
Critical Years (15.8%)	176	177	178	177	179	179	177	176	176	176	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-3 c. Sacramento River downstream of Georgiana Slough Salinity, Alt2wTUCPwoVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
20% Exceedance	0	0	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
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-4 a. Sacramento River downstream of Georgiana Slough Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	178	178	178	179	179	177	176	176	176	176	176
20% Exceedance	176	177	178	178	179	178	176	176	176	175	176	176
30% Exceedance	176	177	177	178	178	177	176	176	176	175	176	176
40% Exceedance	176	176	177	177	178	177	176	176	176	175	175	176
50% Exceedance	176	176	177	177	177	177	176	176	176	175	175	175
60% Exceedance	176	176	177	176	177	177	176	175	176	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	178	177	176	176	176	175	175	175
Wet Years (27.7%)	175	176	176	177	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	177	177	177	178	177	176	175	176	175	175	176
Dry Years (23.8%)	176	176	177	177	178	177	176	176	176	175	176	176
Critical Years (15.8%)	176	177	178	177	179	179	177	176	176	176	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-4 b. Sacramento River downstream of Georgiana Slough Salinity, Alt2woTUCPDeltaVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	178	178	178	179	178	177	176	176	176	176	176
20% Exceedance	176	177	178	178	179	178	176	176	176	175	176	176
30% Exceedance	176	177	177	177	178	177	176	176	176	175	176	176
40% Exceedance	176	176	177	177	178	177	176	176	176	175	175	176
50% Exceedance	176	176	177	177	177	177	176	176	176	175	175	175
60% Exceedance	176	176	176	176	177	176	176	175	176	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	176	175	175	175
80% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	178	177	176	176	176	175	175	175
Wet Years (27.7%)	175	176	176	177	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	177	177	177	178	177	176	176	176	175	175	176
Dry Years (23.8%)	176	176	177	177	178	177	176	176	176	175	176	176
Critical Years (15.8%)	176	177	178	178	179	178	176	176	176	176	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-4 c. Sacramento River downstream of Georgiana Slough Salinity, Alt2woTUCPDeltaVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	-1	0	0	0	0	0
20% Exceedance	0	0	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
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	-1	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-5 a. Sacramento River downstream of Georgiana Slough Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	178	178	178	179	179	177	176	176	176	176	176
20% Exceedance	176	177	178	178	179	178	176	176	176	175	176	176
30% Exceedance	176	177	177	178	178	177	176	176	176	175	176	176
40% Exceedance	176	176	177	177	178	177	176	176	176	175	175	176
50% Exceedance	176	176	177	177	177	177	176	176	176	175	175	175
60% Exceedance	176	176	177	176	177	177	176	175	176	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	178	177	176	176	176	175	175	175
Wet Years (27.7%)	175	176	176	177	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	177	177	177	178	177	176	175	176	175	175	176
Dry Years (23.8%)	176	176	177	177	178	177	176	176	176	175	176	176
Critical Years (15.8%)	176	177	178	177	179	179	177	176	176	176	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-5 b. Sacramento River downstream of Georgiana Slough Salinity, Alt2woTUCPAIIVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	178	178	178	179	178	176	176	176	176	176	176
20% Exceedance	176	177	178	178	179	178	176	176	176	175	176	176
30% Exceedance	176	177	177	177	178	177	176	176	176	175	176	176
40% Exceedance	176	176	177	177	178	177	176	176	176	175	175	176
50% Exceedance	176	176	177	177	177	177	176	175	176	175	175	175
60% Exceedance	176	176	176	176	177	176	176	175	176	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	176	175	175	175
80% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	178	177	176	176	176	175	175	175
Wet Years (27.7%)	175	176	176	177	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	176	175	175	175
Below Normal Years (17.8%)	176	177	177	177	178	177	176	175	176	175	175	176
Dry Years (23.8%)	176	176	177	177	178	177	176	176	176	175	176	176
Critical Years (15.8%)	176	177	178	177	179	178	176	176	176	176	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-5 c. Sacramento River downstream of Georgiana Slough Salinity, Alt2woTUCPAIIVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	-1	0	0	0	0	0
20% Exceedance	0	0	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
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	-1	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-6 a. Sacramento River downstream of Georgiana Slough Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	178	178	178	179	179	177	176	176	176	176	176
20% Exceedance	176	177	178	178	179	178	176	176	176	175	176	176
30% Exceedance	176	177	177	178	178	177	176	176	176	175	176	176
40% Exceedance	176	176	177	177	178	177	176	176	176	175	175	176
50% Exceedance	176	176	177	177	177	177	176	176	176	175	175	175
60% Exceedance	176	176	177	176	177	177	176	175	176	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	178	177	176	176	176	175	175	175
Wet Years (27.7%)	175	176	176	177	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	177	177	177	178	177	176	175	176	175	175	176
Dry Years (23.8%)	176	176	177	177	178	177	176	176	176	175	176	176
Critical Years (15.8%)	176	177	178	177	179	179	177	176	176	176	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-6 b. Sacramento River downstream of Georgiana Slough Salinity, ALT3, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	178	178	178	180	178	177	176	176	176	176	176
20% Exceedance	176	177	177	178	179	178	176	176	176	176	176	176
30% Exceedance	176	177	177	177	178	177	176	176	176	176	176	176
40% Exceedance	176	176	177	177	177	177	176	176	176	176	175	176
50% Exceedance	176	176	177	177	177	177	176	175	176	175	175	175
60% Exceedance	176	176	176	176	177	176	176	175	176	175	175	175
70% Exceedance	176	176	176	176	177	176	176	175	176	175	175	175
80% Exceedance	175	176	176	176	177	176	176	175	176	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	176	175	175	175
Full Simulation Period Average^a	176	176	177	177	178	177	176	176	176	176	176	175
Wet Years (27.7%)	175	176	176	176	176	176	176	175	176	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	176	175	175	175
Below Normal Years (17.8%)	176	177	177	177	177	177	176	176	176	176	175	176
Dry Years (23.8%)	176	177	177	177	178	177	176	176	176	175	175	176
Critical Years (15.8%)	176	177	178	177	179	179	177	176	176	176	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-6 c. Sacramento River downstream of Georgiana Slough Salinity, ALT3 Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	-1	0	0	0	0	0
20% Exceedance	0	0	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
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-7 a. Sacramento River downstream of Georgiana Slough Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	178	178	178	179	179	177	176	176	176	176	176
20% Exceedance	176	177	178	178	179	178	176	176	176	175	176	176
30% Exceedance	176	177	177	178	178	177	176	176	176	175	176	176
40% Exceedance	176	176	177	177	178	177	176	176	176	175	175	176
50% Exceedance	176	176	177	177	177	177	176	176	176	175	175	175
60% Exceedance	176	176	177	176	177	177	176	175	176	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	178	177	176	176	176	175	175	175
Wet Years (27.7%)	175	176	176	177	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	177	177	177	178	177	176	175	176	175	175	176
Dry Years (23.8%)	176	176	177	177	178	177	176	176	176	175	176	176
Critical Years (15.8%)	176	177	178	177	179	179	177	176	176	176	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-7 b. Sacramento River downstream of Georgiana Slough Salinity, ALT4, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	178	178	178	179	179	177	176	176	176	176	176
20% Exceedance	176	177	178	178	179	178	176	176	176	175	176	176
30% Exceedance	176	177	177	177	178	177	176	176	176	175	176	176
40% Exceedance	176	176	177	177	178	177	176	176	176	175	175	176
50% Exceedance	176	176	177	177	177	177	176	176	176	175	175	175
60% Exceedance	176	176	176	176	177	177	176	175	176	175	175	175
70% Exceedance	176	176	176	176	177	176	176	175	176	175	175	175
80% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	178	177	176	176	176	175	175	175
Wet Years (27.7%)	175	176	176	177	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	177	177	177	178	177	176	175	176	175	175	176
Dry Years (23.8%)	176	176	177	178	178	177	176	176	176	175	176	176
Critical Years (15.8%)	176	177	178	177	179	179	177	176	176	176	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-7 c. Sacramento River downstream of Georgiana Slough Salinity, ALT4 Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
20% Exceedance	0	0	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
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-8 a. Sacramento River downstream of Georgiana Slough Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	178	178	178	179	179	177	176	176	176	176	176
20% Exceedance	176	177	178	178	179	178	176	176	176	175	176	176
30% Exceedance	176	177	177	178	178	177	176	176	176	175	176	176
40% Exceedance	176	176	177	177	178	177	176	176	176	175	175	176
50% Exceedance	176	176	177	177	177	177	176	176	176	175	175	175
60% Exceedance	176	176	177	176	177	177	176	175	176	175	175	175
70% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
80% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	178	177	176	176	176	175	175	175
Wet Years (27.7%)	175	176	176	177	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	175	175	175	175
Below Normal Years (17.8%)	176	177	177	177	178	177	176	175	176	175	175	176
Dry Years (23.8%)	176	176	177	177	178	177	176	176	176	175	176	176
Critical Years (15.8%)	176	177	178	177	179	179	177	176	176	176	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-8 b. Sacramento River downstream of Georgiana Slough Salinity, Action 5, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	176	178	178	179	179	179	177	176	176	176	176	176
20% Exceedance	176	177	178	178	179	178	176	176	176	175	176	176
30% Exceedance	176	177	177	177	178	177	176	176	176	175	175	176
40% Exceedance	176	176	177	177	178	177	176	176	176	175	175	176
50% Exceedance	176	176	177	177	177	177	176	175	176	175	175	175
60% Exceedance	176	176	176	176	177	176	176	175	176	175	175	175
70% Exceedance	176	176	176	176	177	176	176	175	176	175	175	175
80% Exceedance	175	176	176	176	177	176	176	175	175	175	175	175
90% Exceedance	175	176	176	176	176	176	175	175	175	175	175	175
Full Simulation Period Average^a	176	176	177	177	178	177	176	176	176	175	175	175
Wet Years (27.7%)	176	176	176	177	176	176	176	175	175	175	175	175
Above Normal Years (13.9%)	176	176	177	177	177	176	176	175	176	175	175	175
Below Normal Years (17.8%)	176	176	177	177	178	177	176	175	176	175	175	175
Dry Years (23.8%)	176	176	177	178	178	177	176	176	176	175	176	176
Critical Years (15.8%)	176	177	178	178	179	179	177	176	176	176	176	176

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-5-8 c. Sacramento River downstream of Georgiana Slough Salinity, Action 5 Minus NAA, Monthly EC (UMHOS/CM)

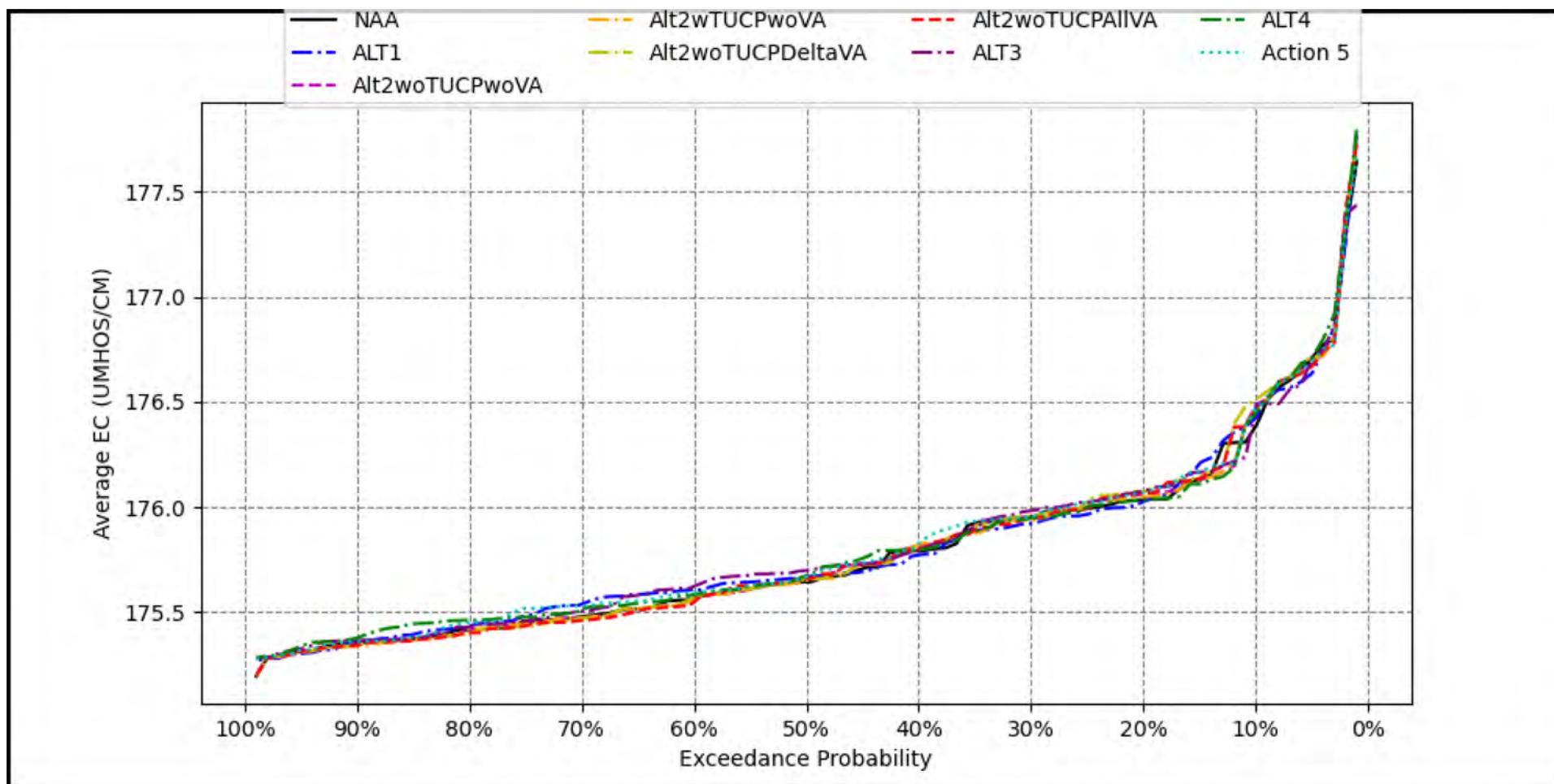
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
20% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	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
Full Simulation Period Average^a	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	0	0
Above Normal Years (13.9%)	0	0	0	0	0	0	0	0	0	0	0	0
Below Normal Years (17.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years (23.8%)	0	0	0	0	0	0	0	0	0	0	0	0
Critical Years (15.8%)	0	0	0	0	0	0	0	0	0	0	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

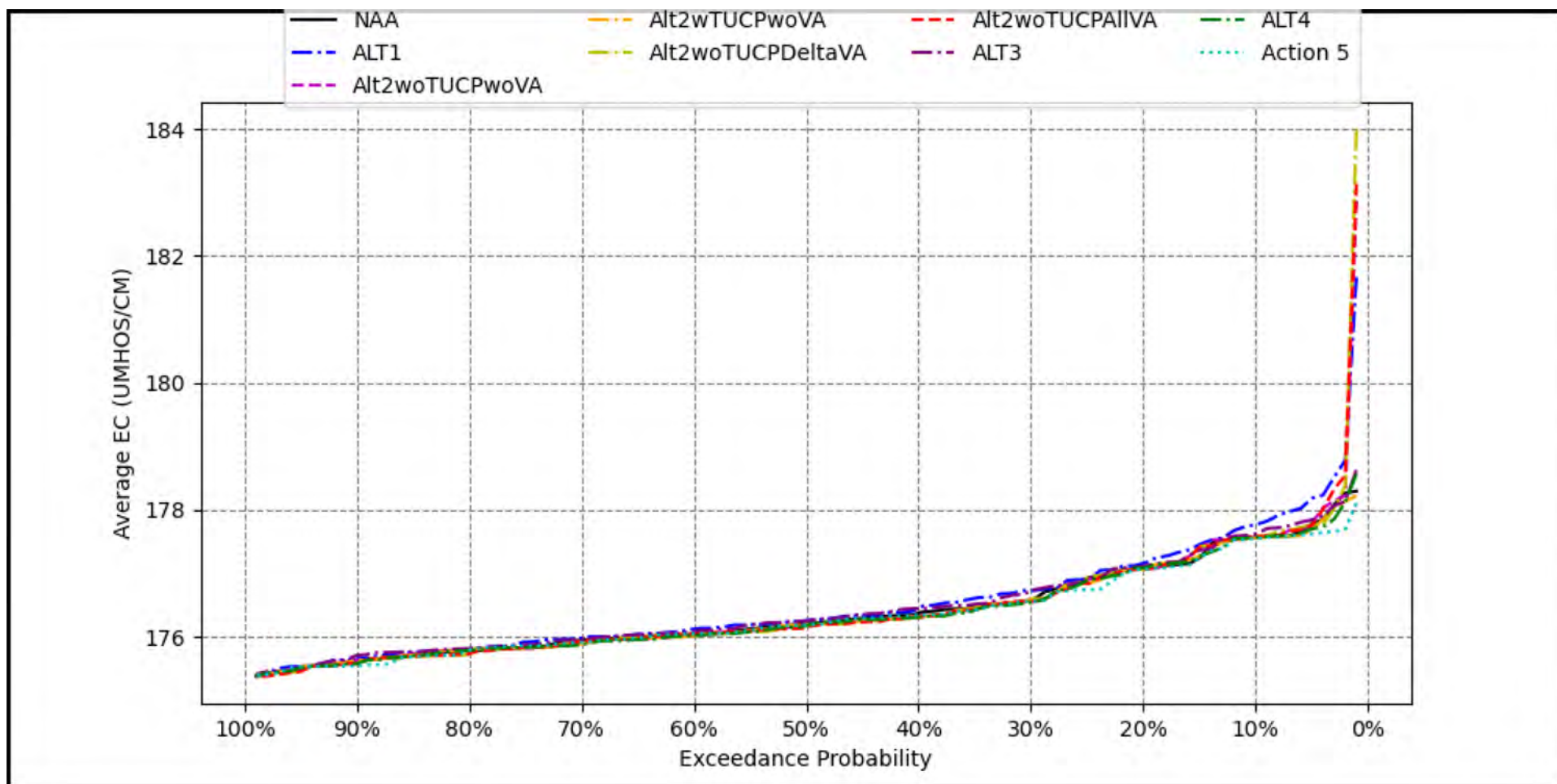
* Water Year Types defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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



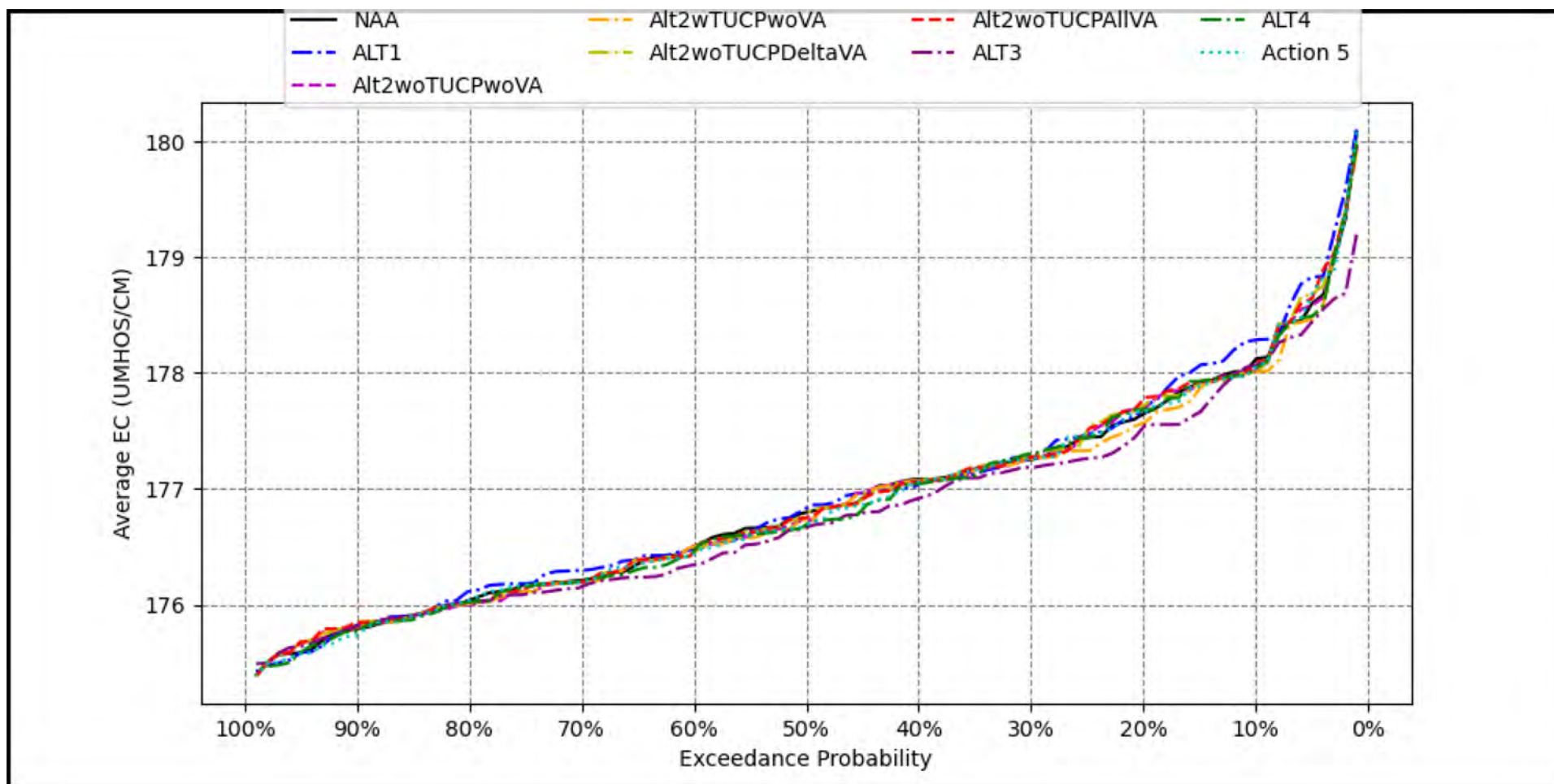
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-5-1 Sacramento River downstream of Georgiana Slough Salinity, October EC



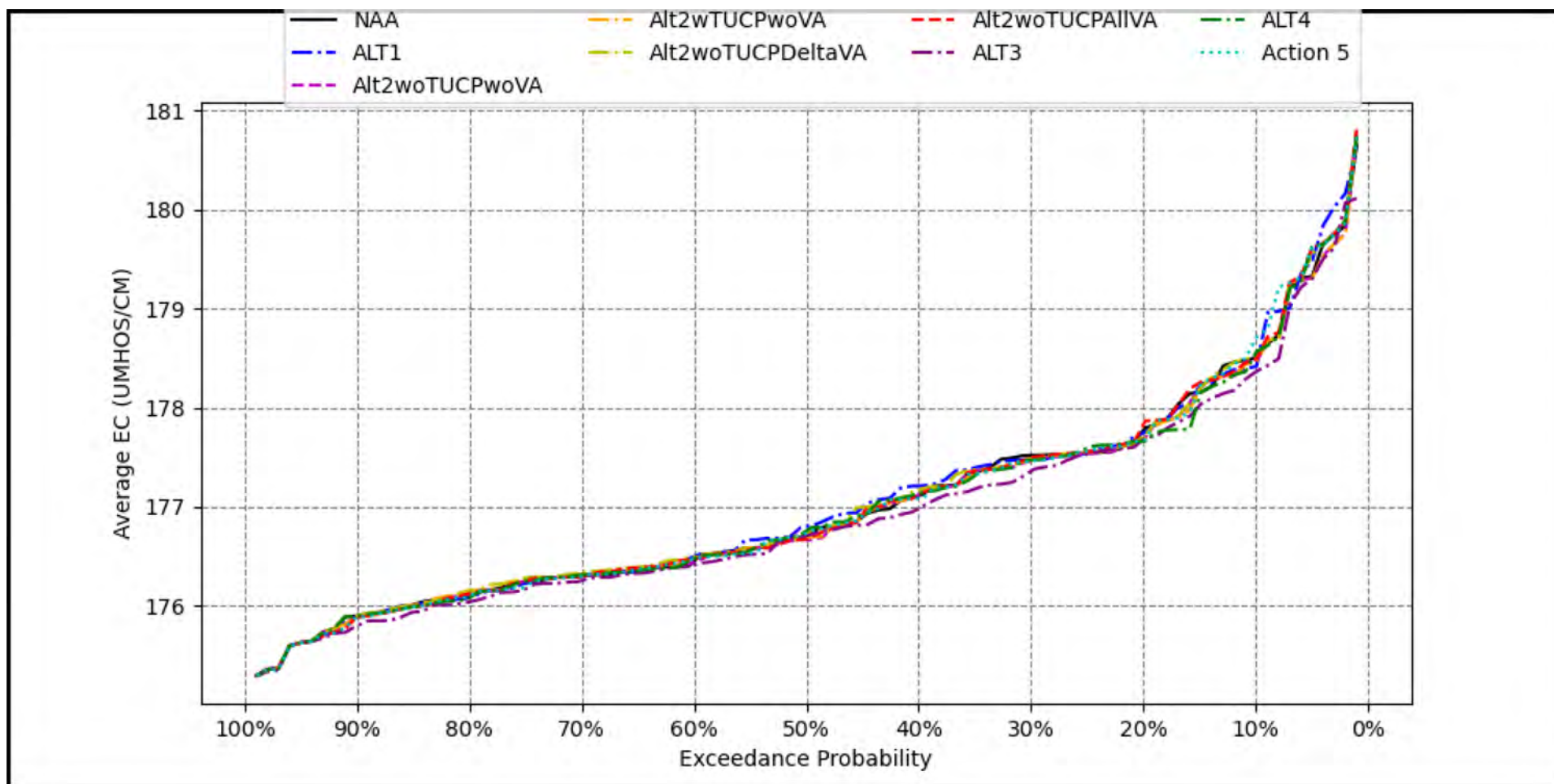
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-5-2 Sacramento River downstream of Georgiana Slough Salinity, November EC



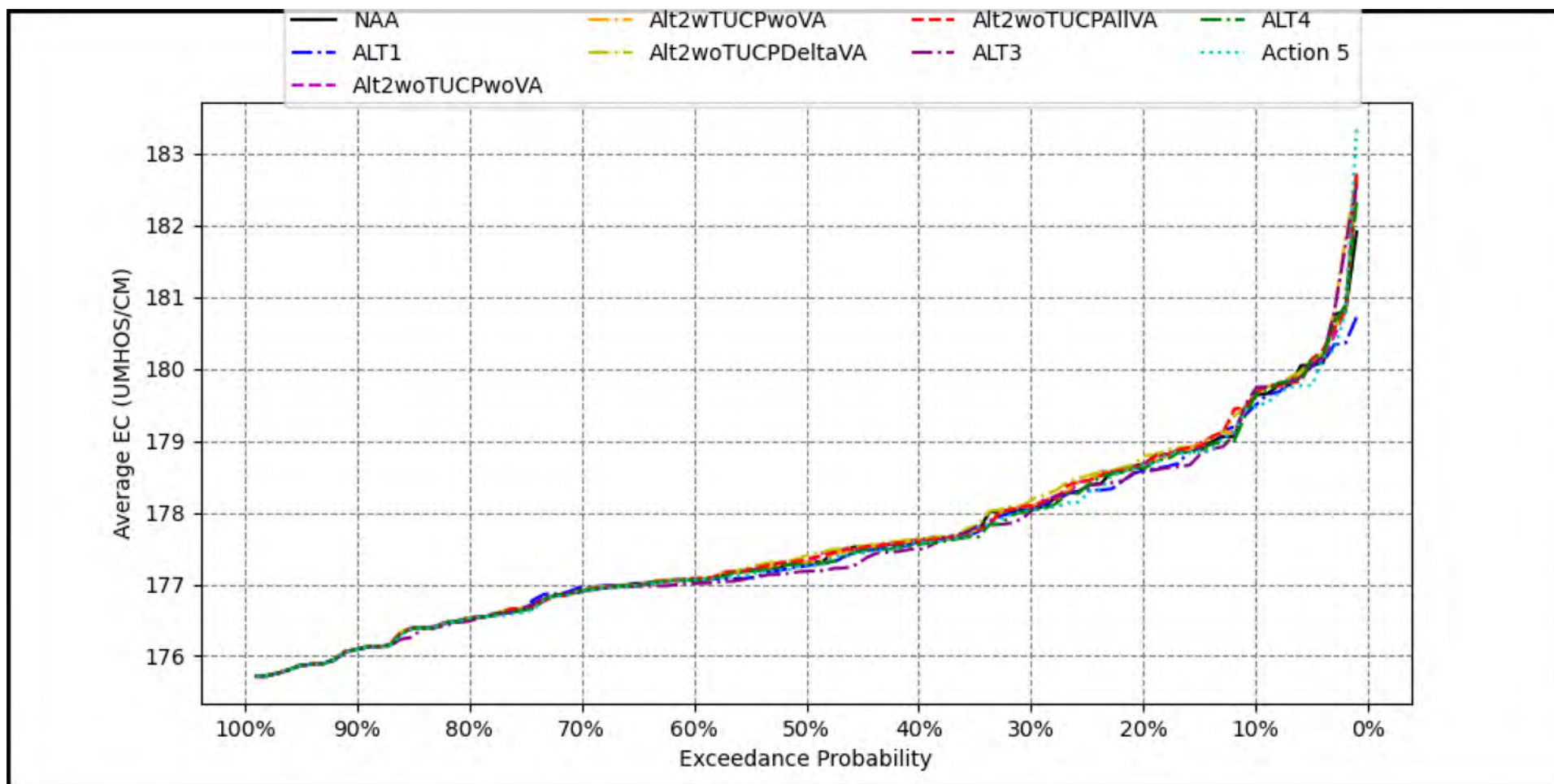
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-5-3 Sacramento River downstream of Georgiana Slough Salinity, December EC



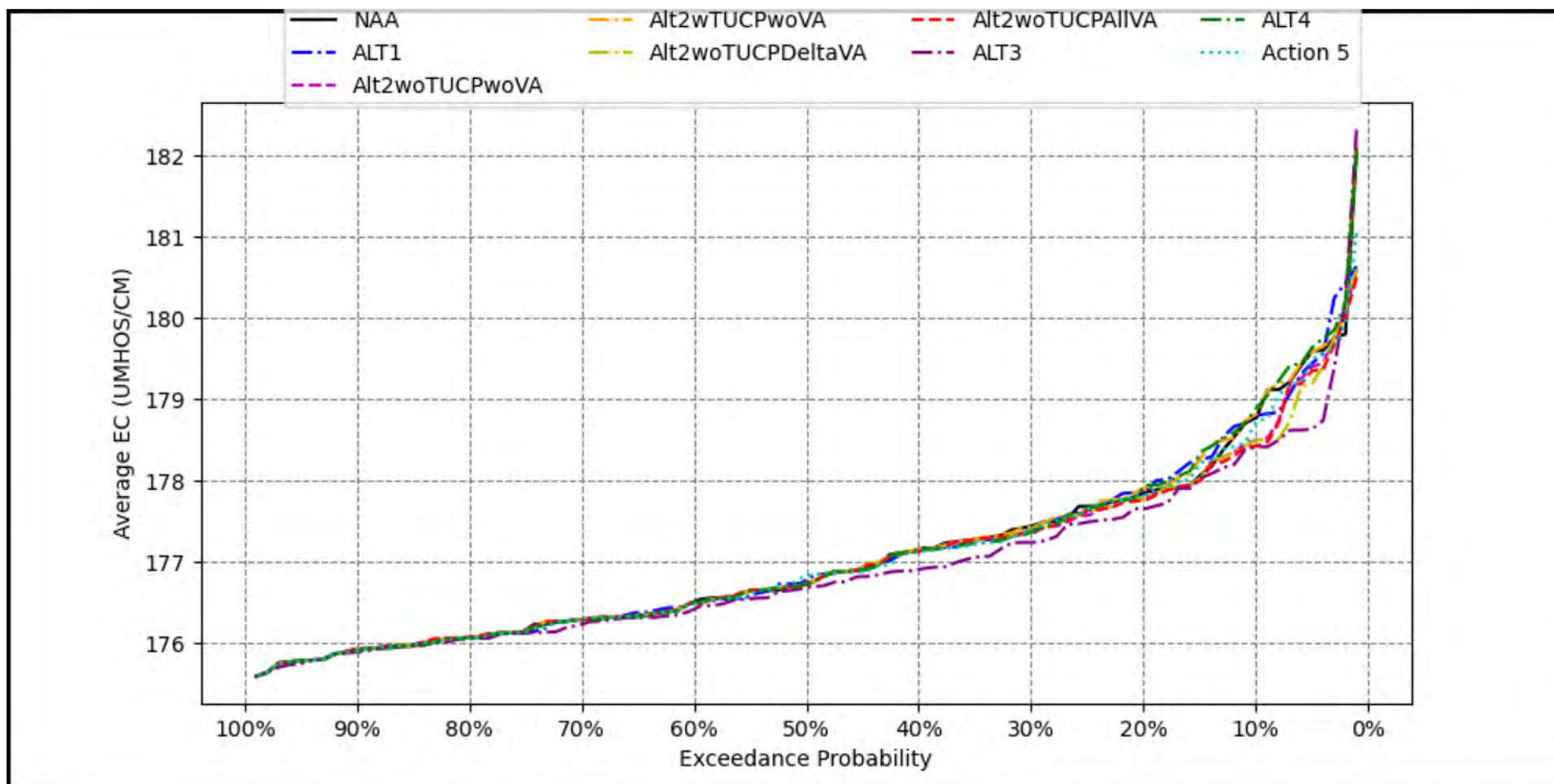
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-5-4 Sacramento River downstream of Georgiana Slough Salinity, January EC



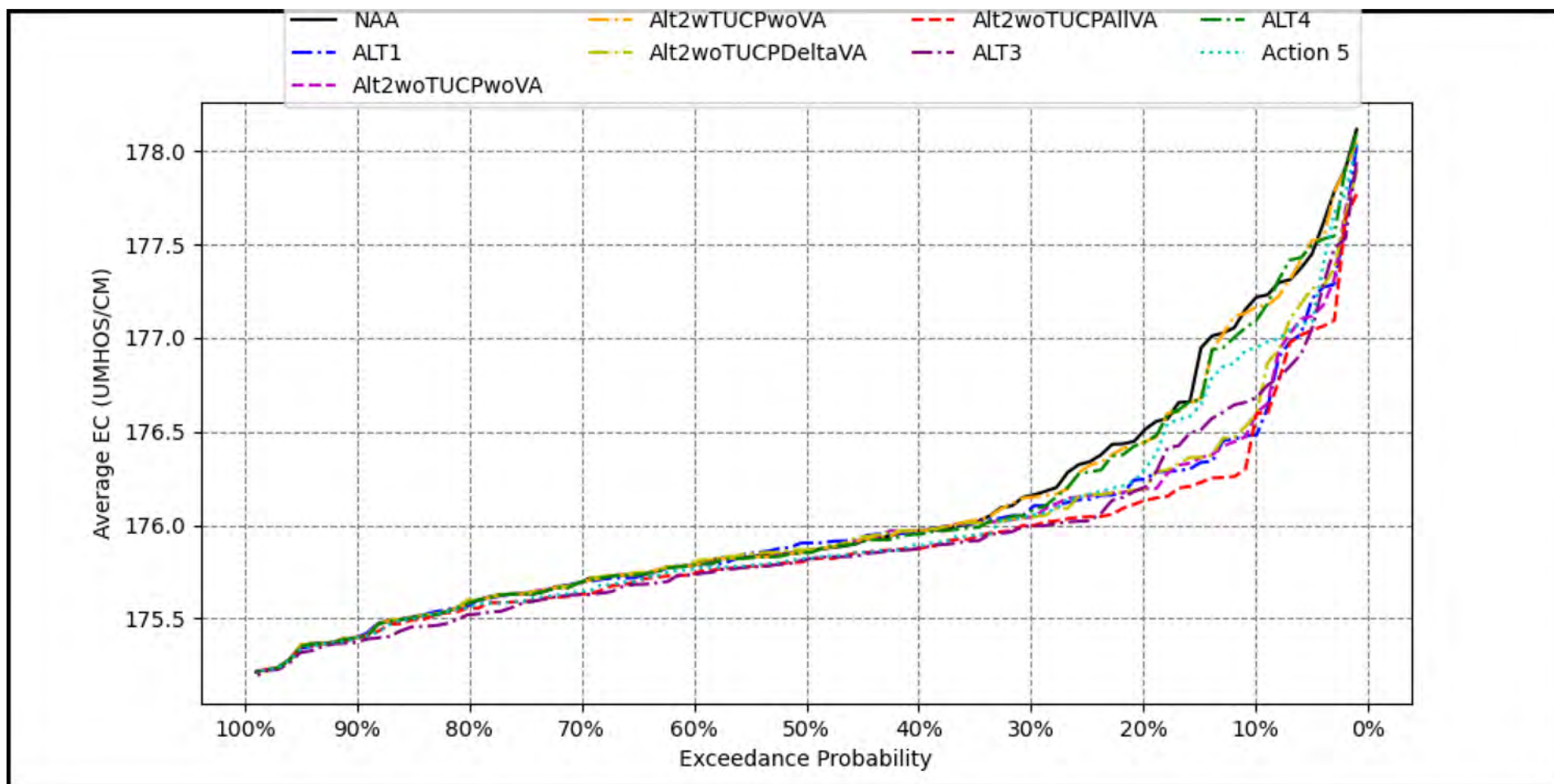
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-5-5 Sacramento River downstream of Georgiana Slough Salinity, February EC



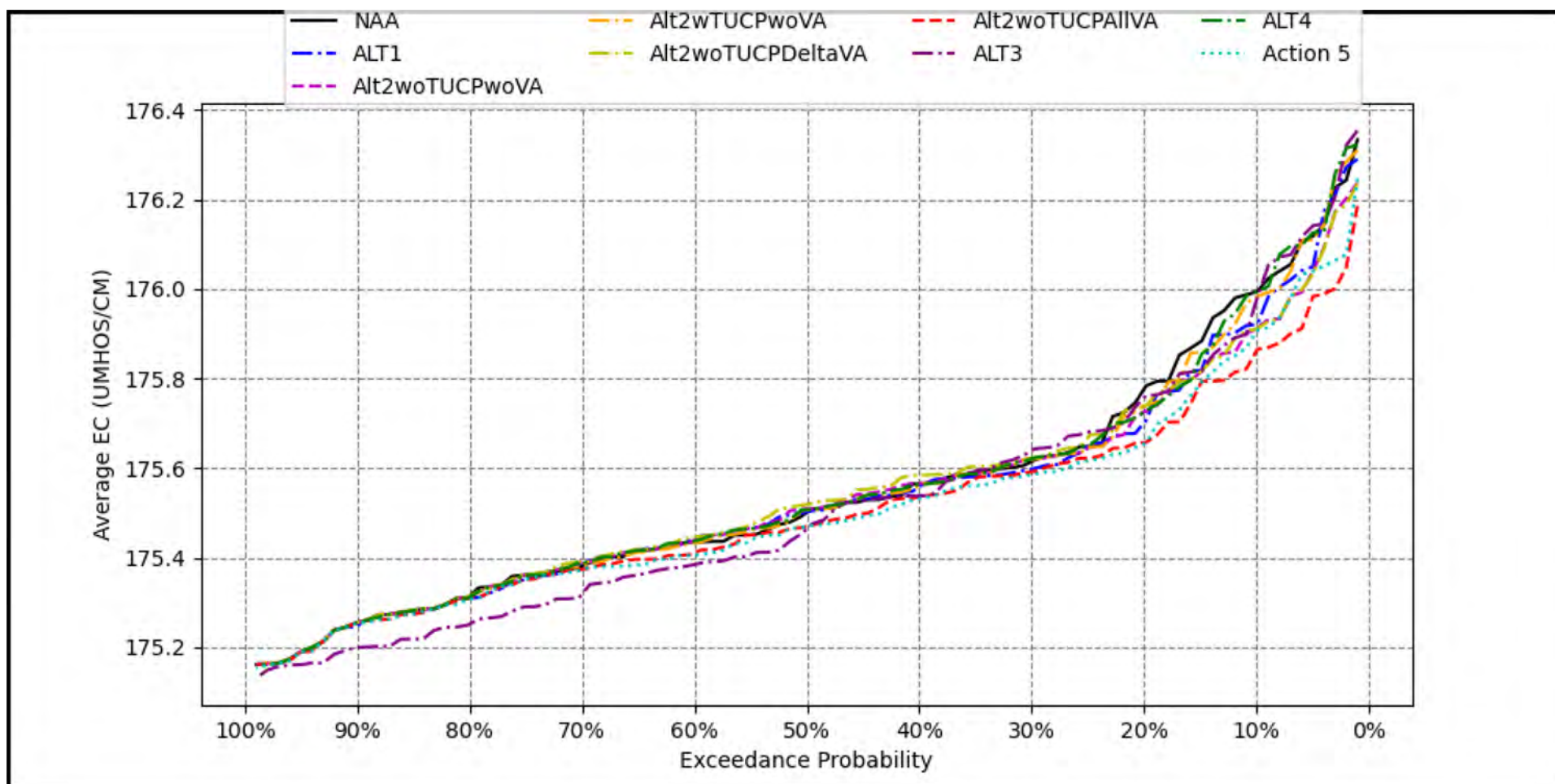
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-5-6 Sacramento River downstream of Georgiana Slough Salinity, March EC



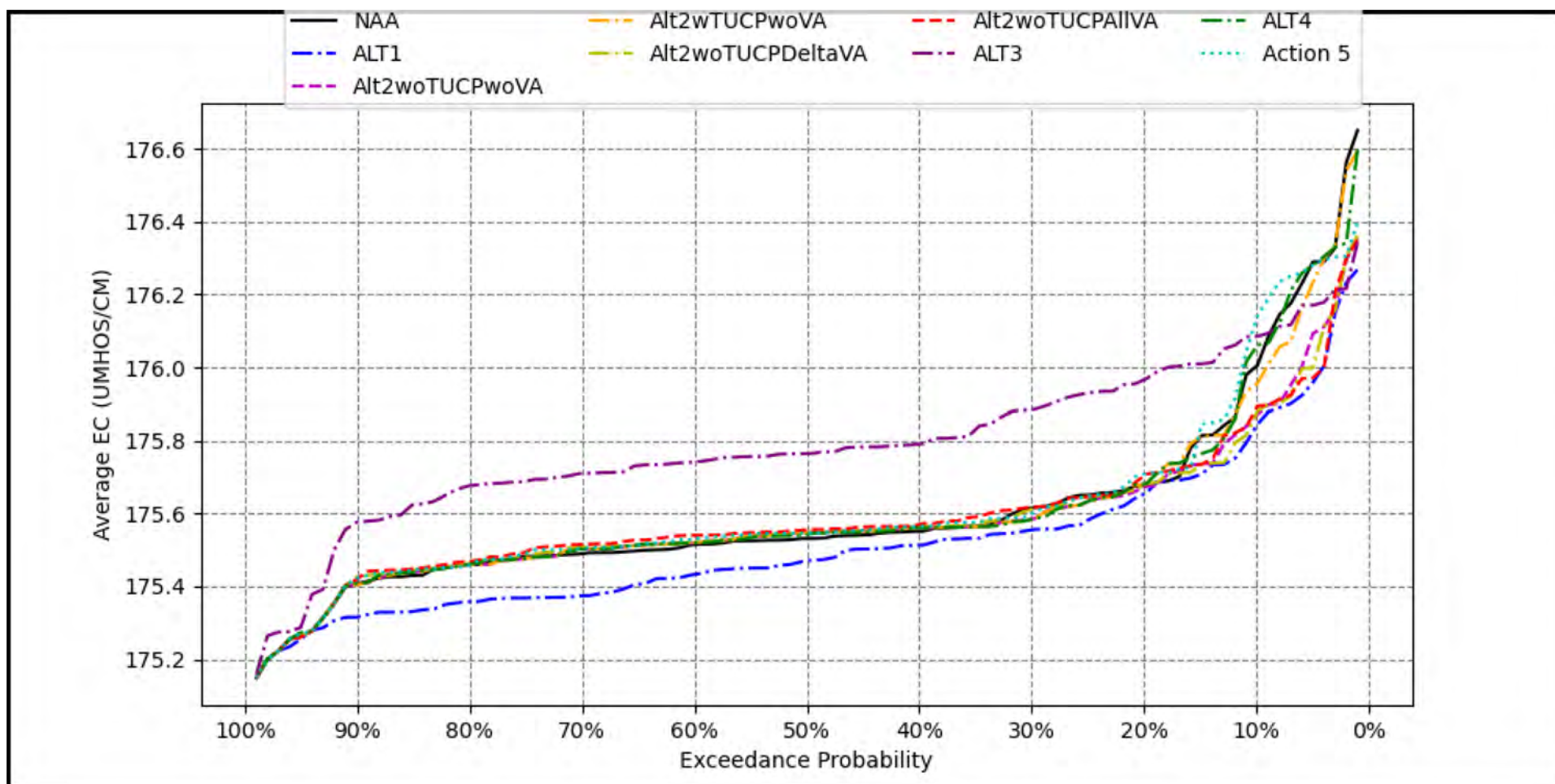
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-5-7 Sacramento River downstream of Georgiana Slough Salinity, April EC



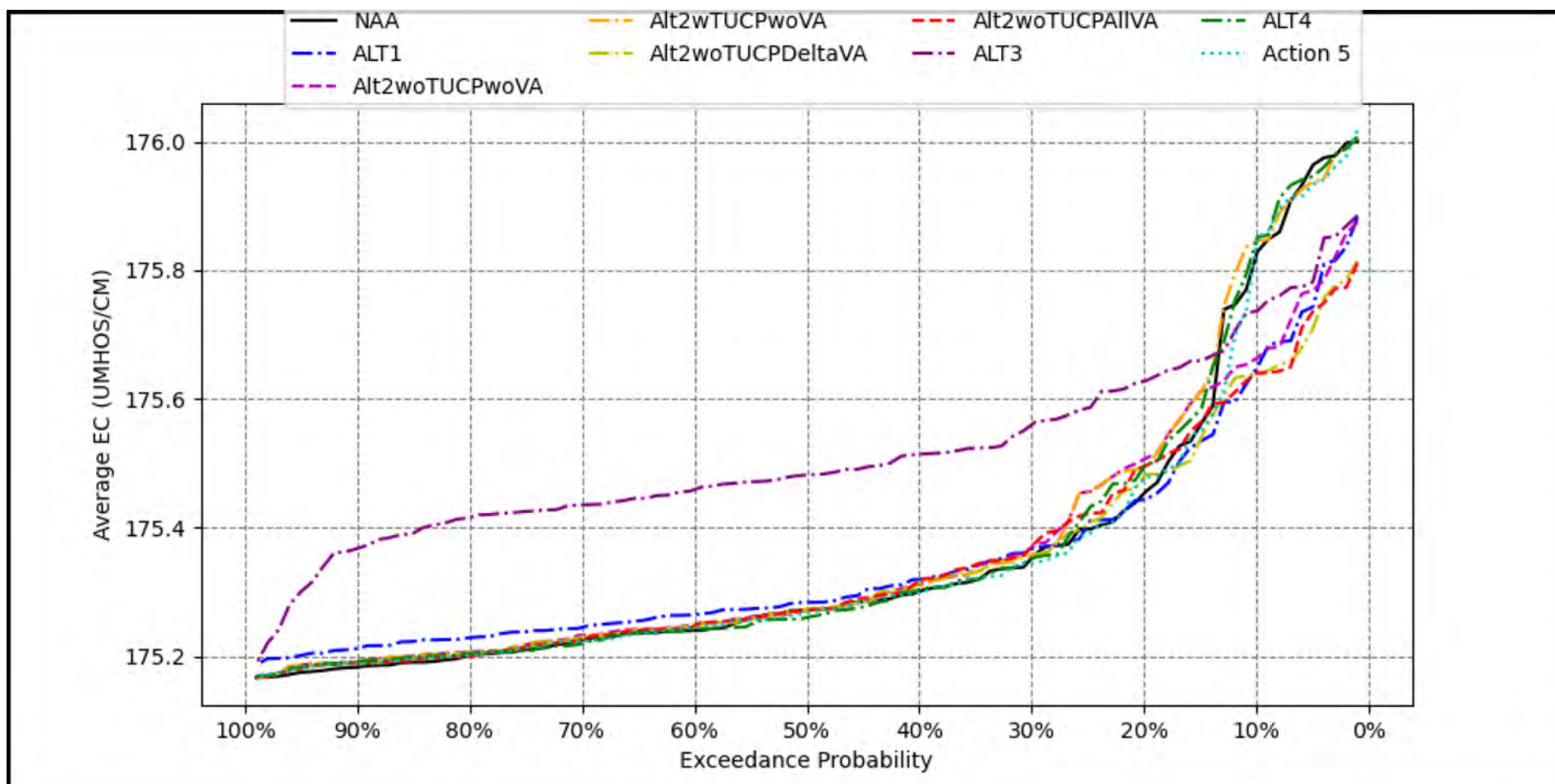
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-5-8 Sacramento River downstream of Georgiana Slough Salinity, May EC



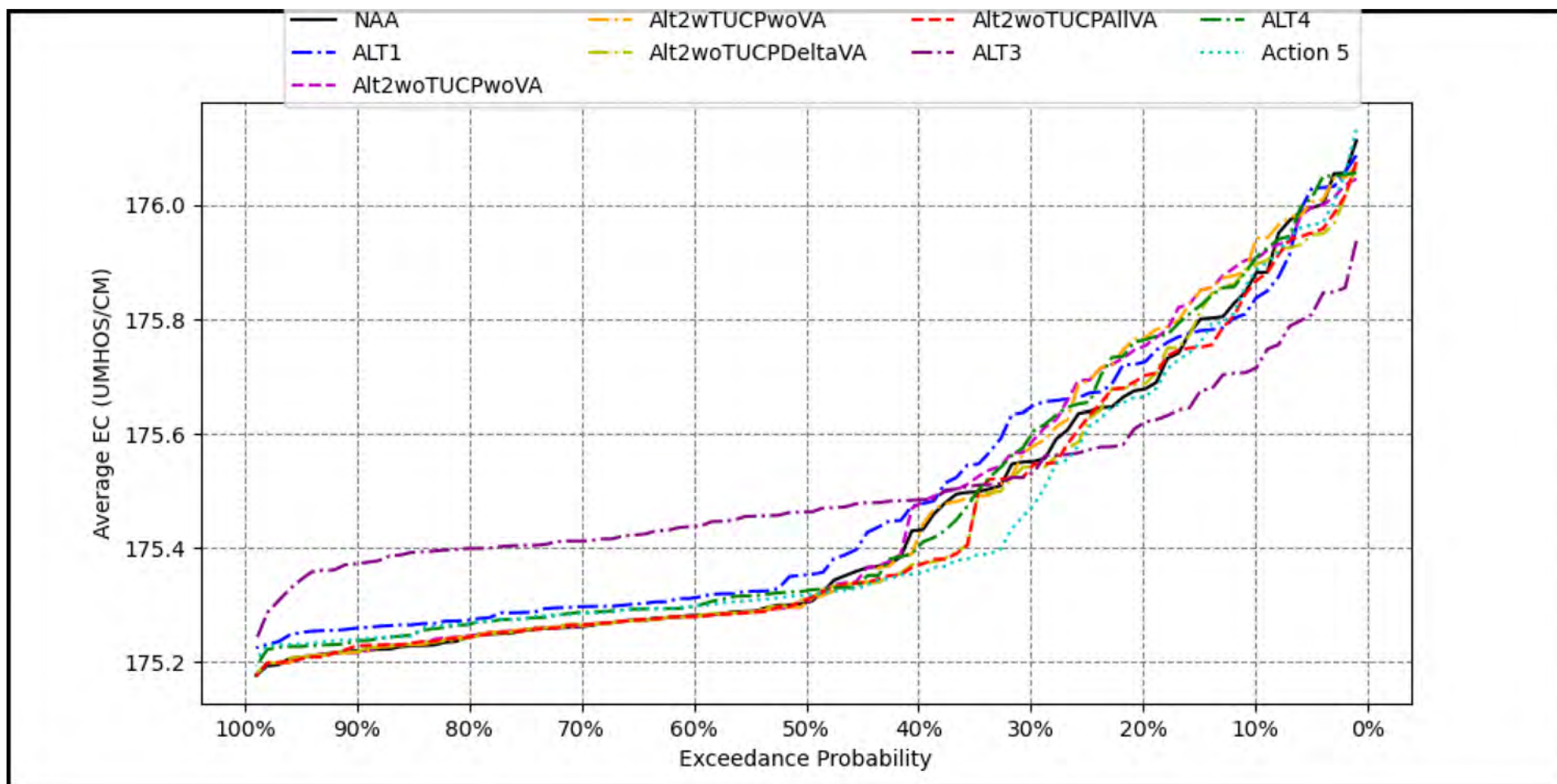
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-5-9 Sacramento River downstream of Georgiana Slough Salinity, June EC



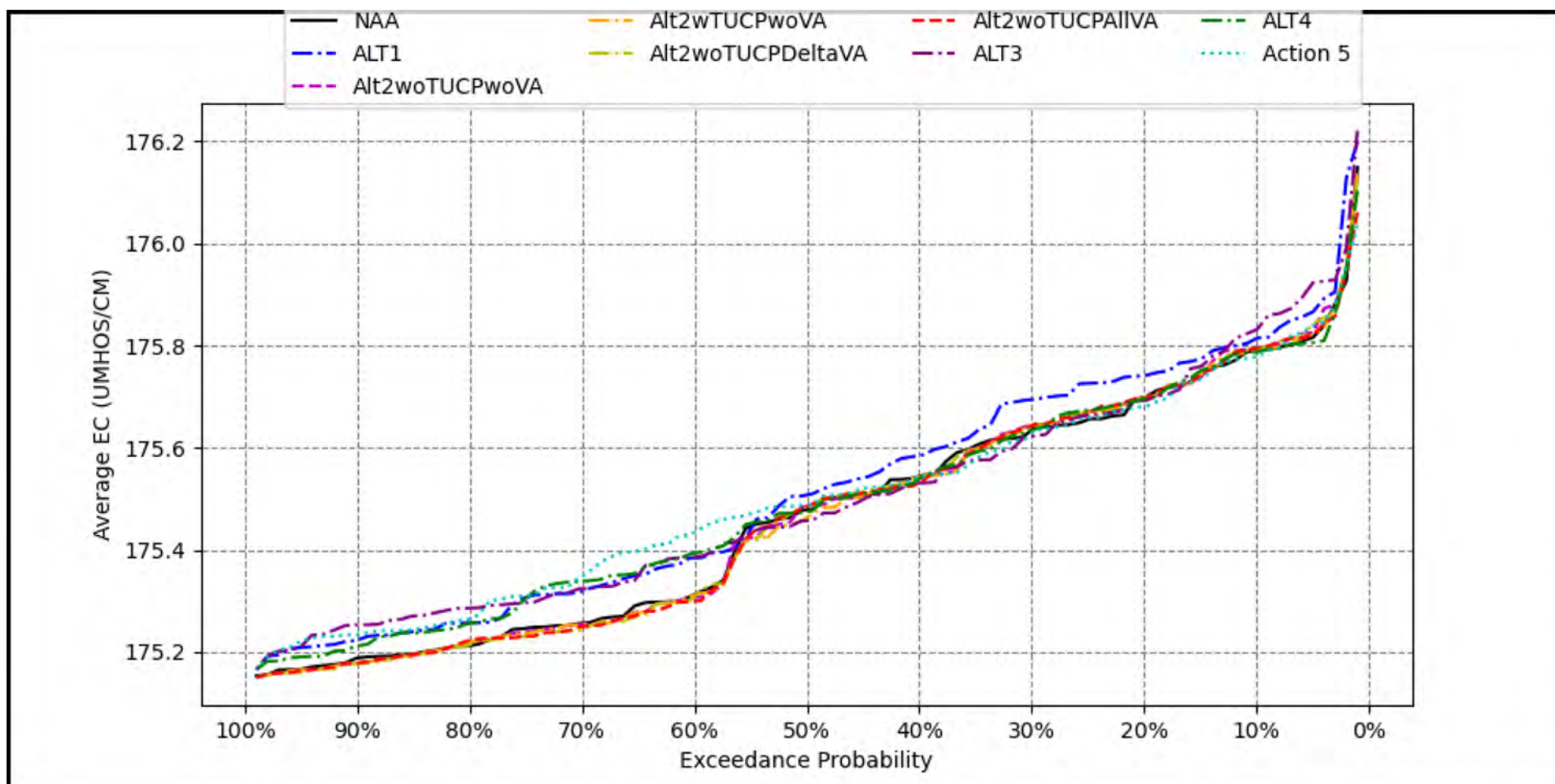
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-5-10 Sacramento River downstream of Georgiana Slough Salinity, July EC



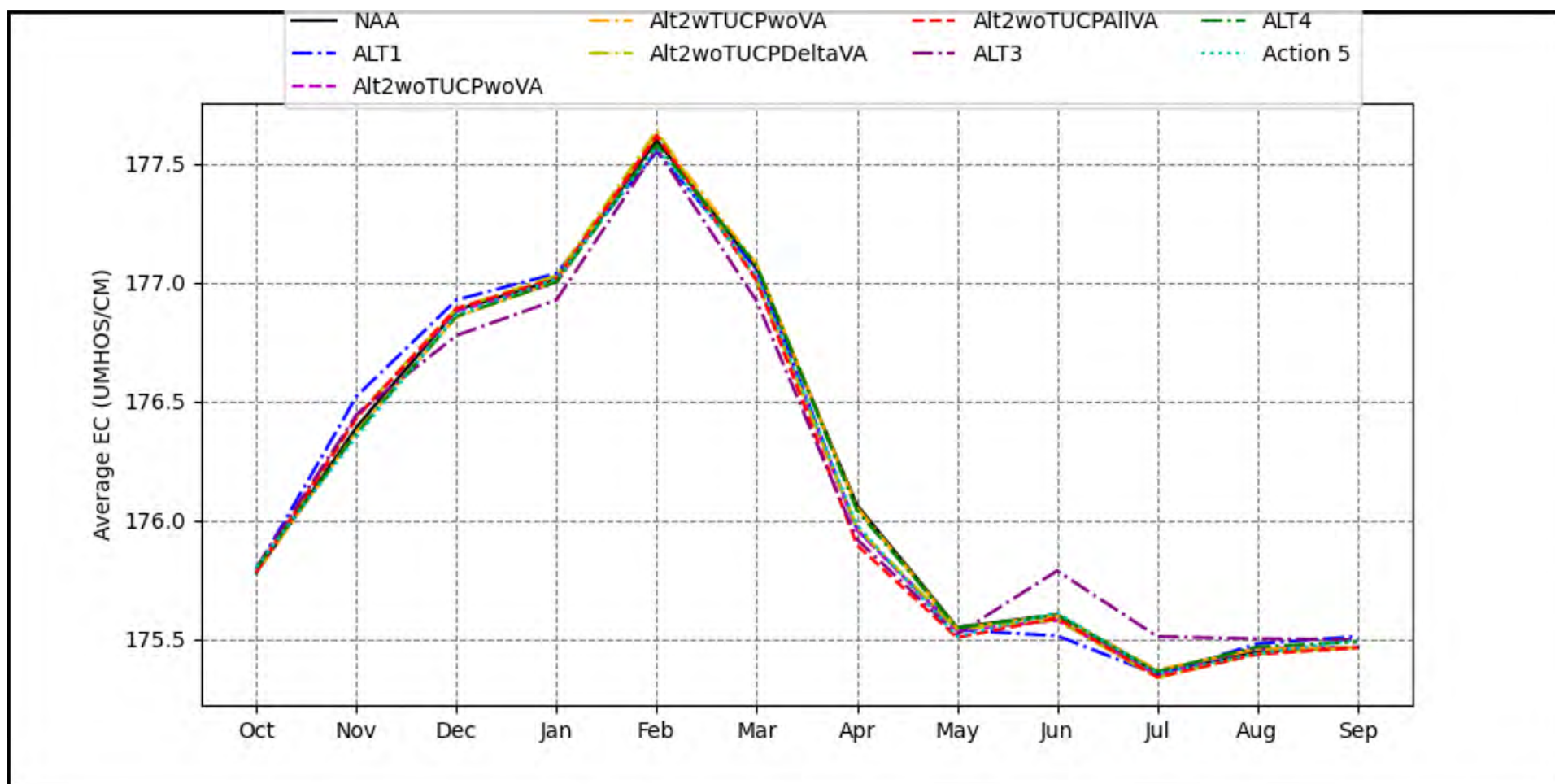
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-5-11 Sacramento River downstream of Georgiana Slough Salinity, August EC



*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-5-12 Sacramento River downstream of Georgiana Slough Salinity, September EC

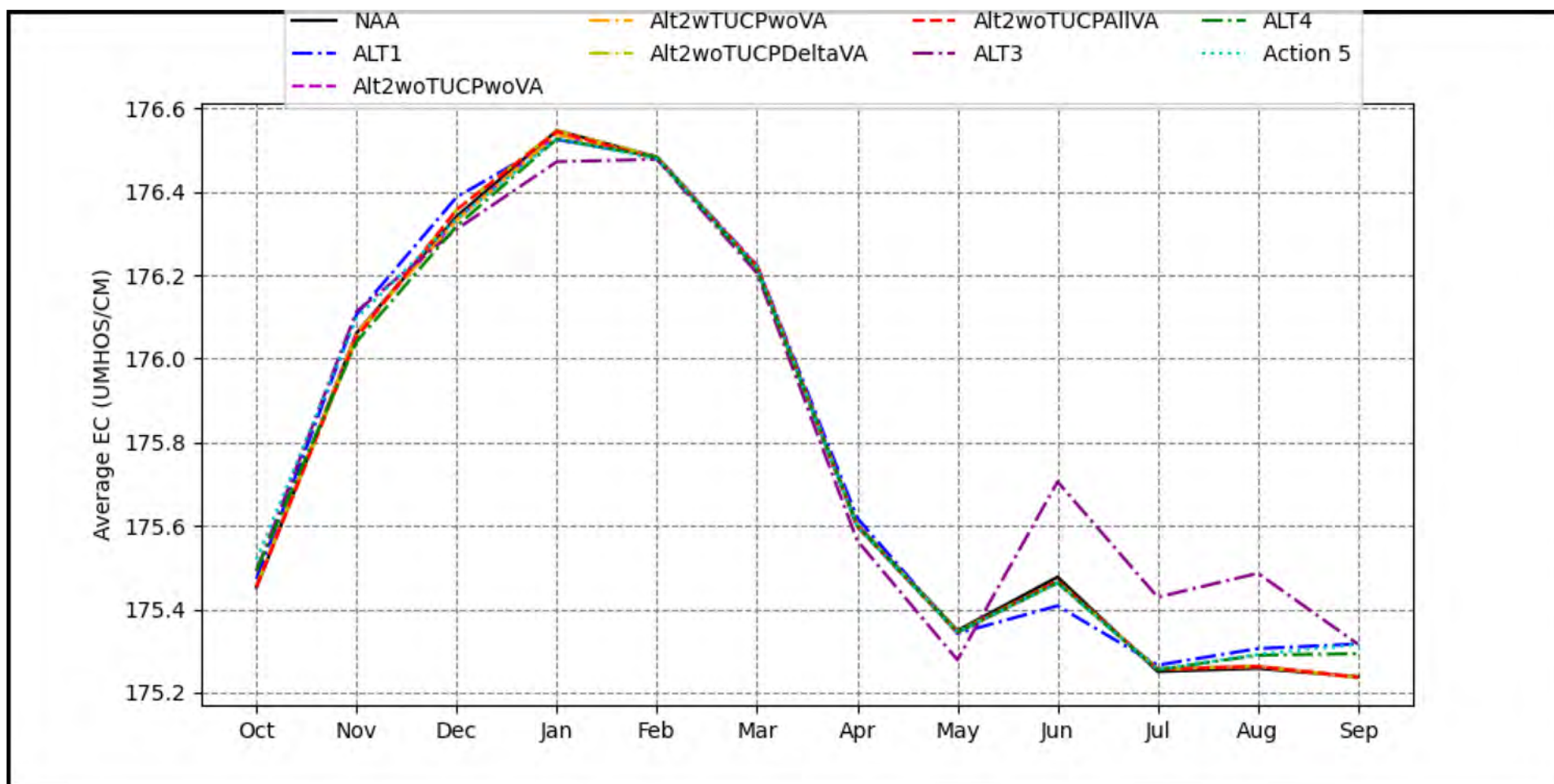


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-5-13 Sacramento River downstream of Georgiana Slough Salinity, Long Term Average EC (UMHOS/CM)

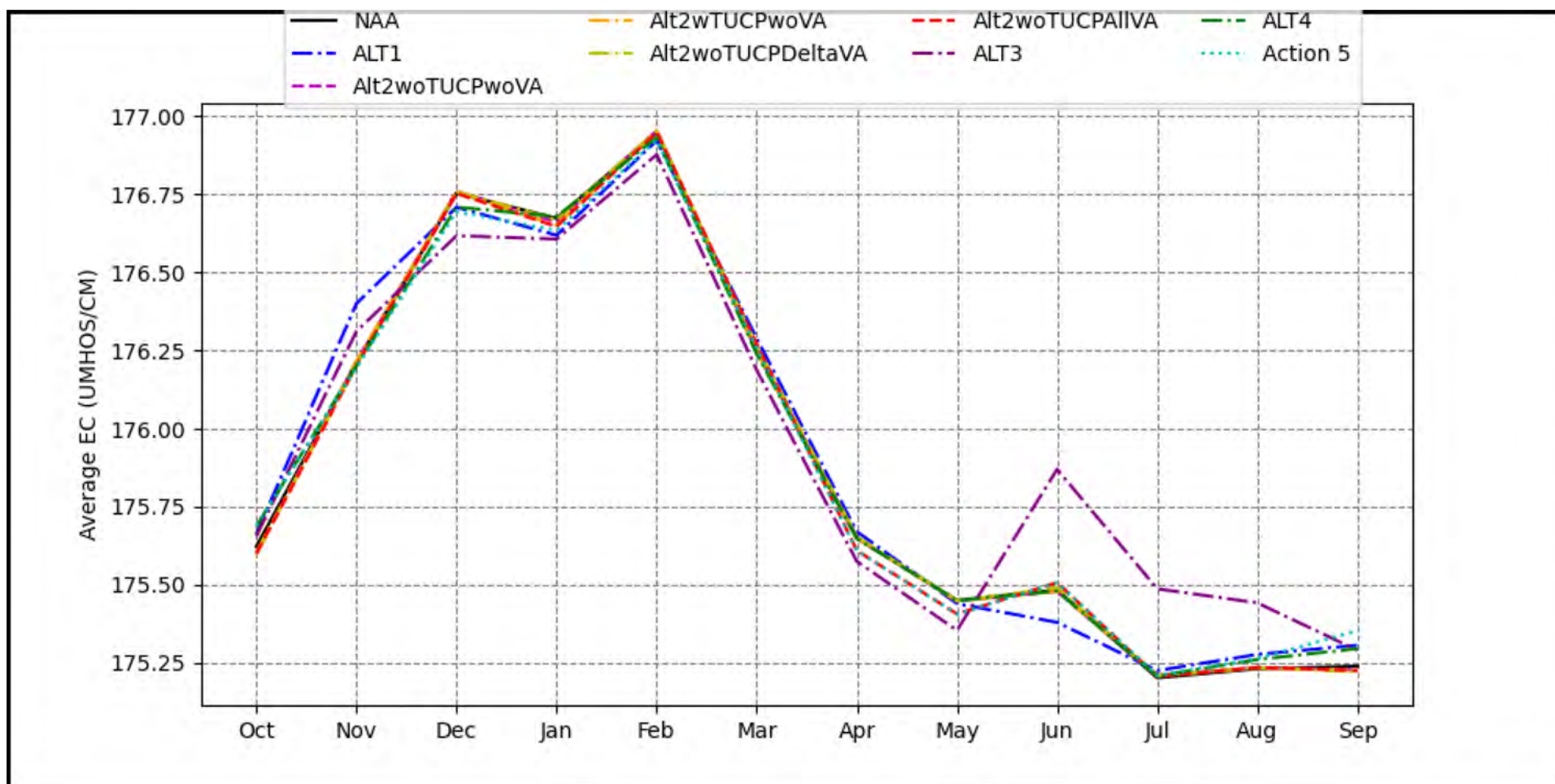


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-5-14 Sacramento River downstream of Georgiana Slough Salinity, Wet Year Average EC (UMHOS/CM)

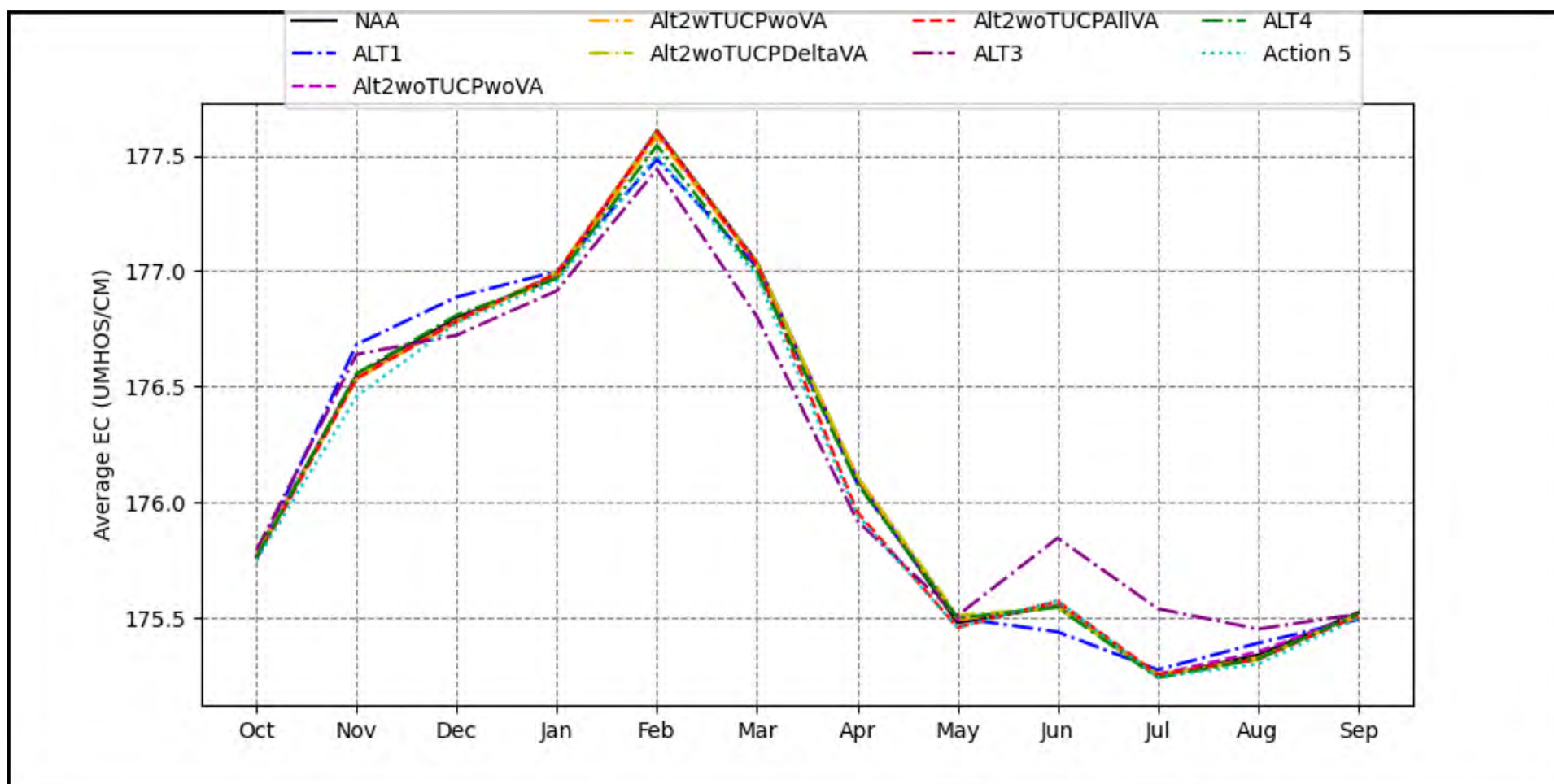


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-5-15 Sacramento River downstream of Georgiana Slough Salinity, Above Normal Year Average EC (UMHOS/CM)

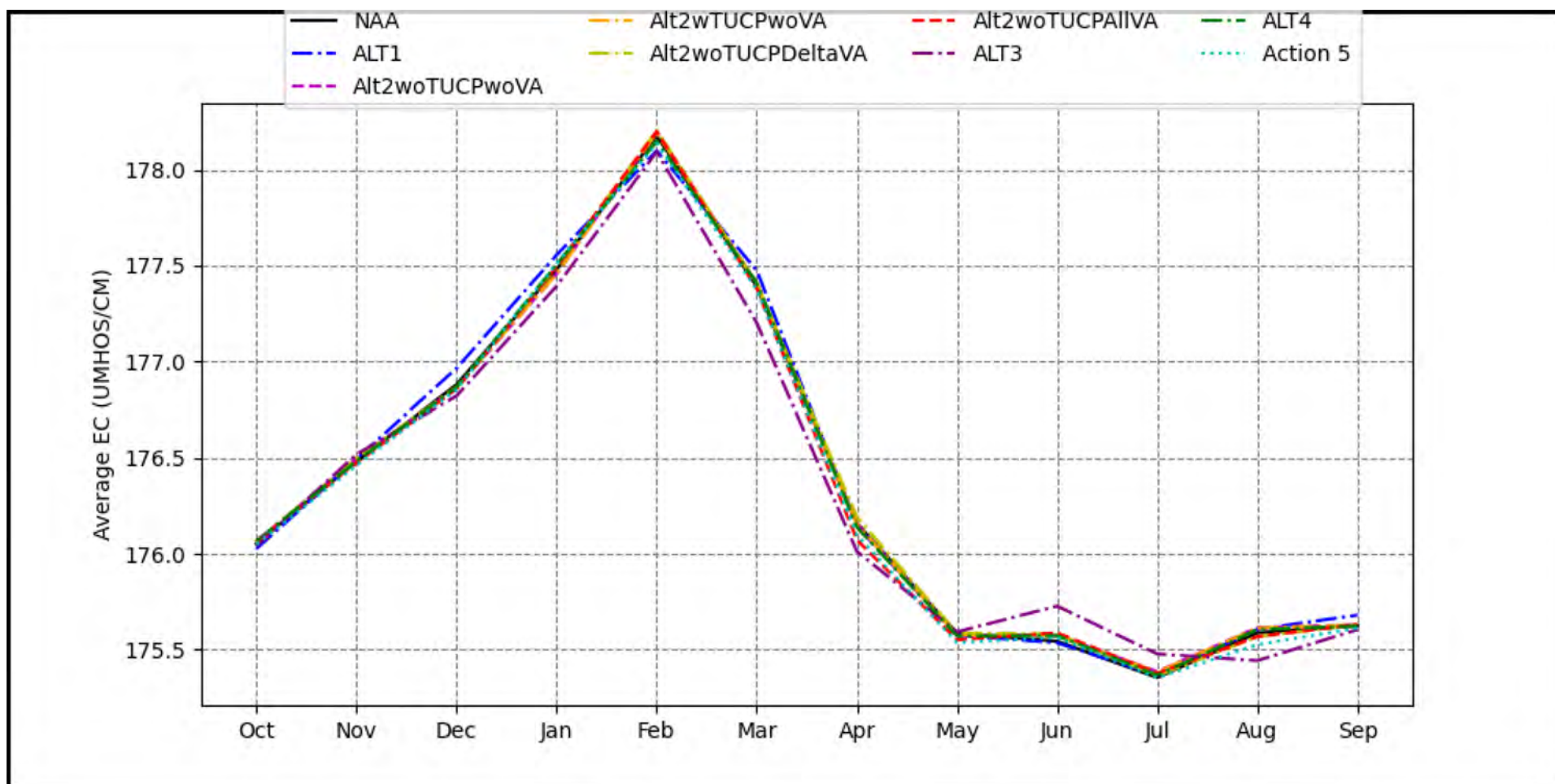


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-5-16 Sacramento River downstream of Georgiana Slough Salinity, Below Normal Year Average EC (UMHOS/CM)

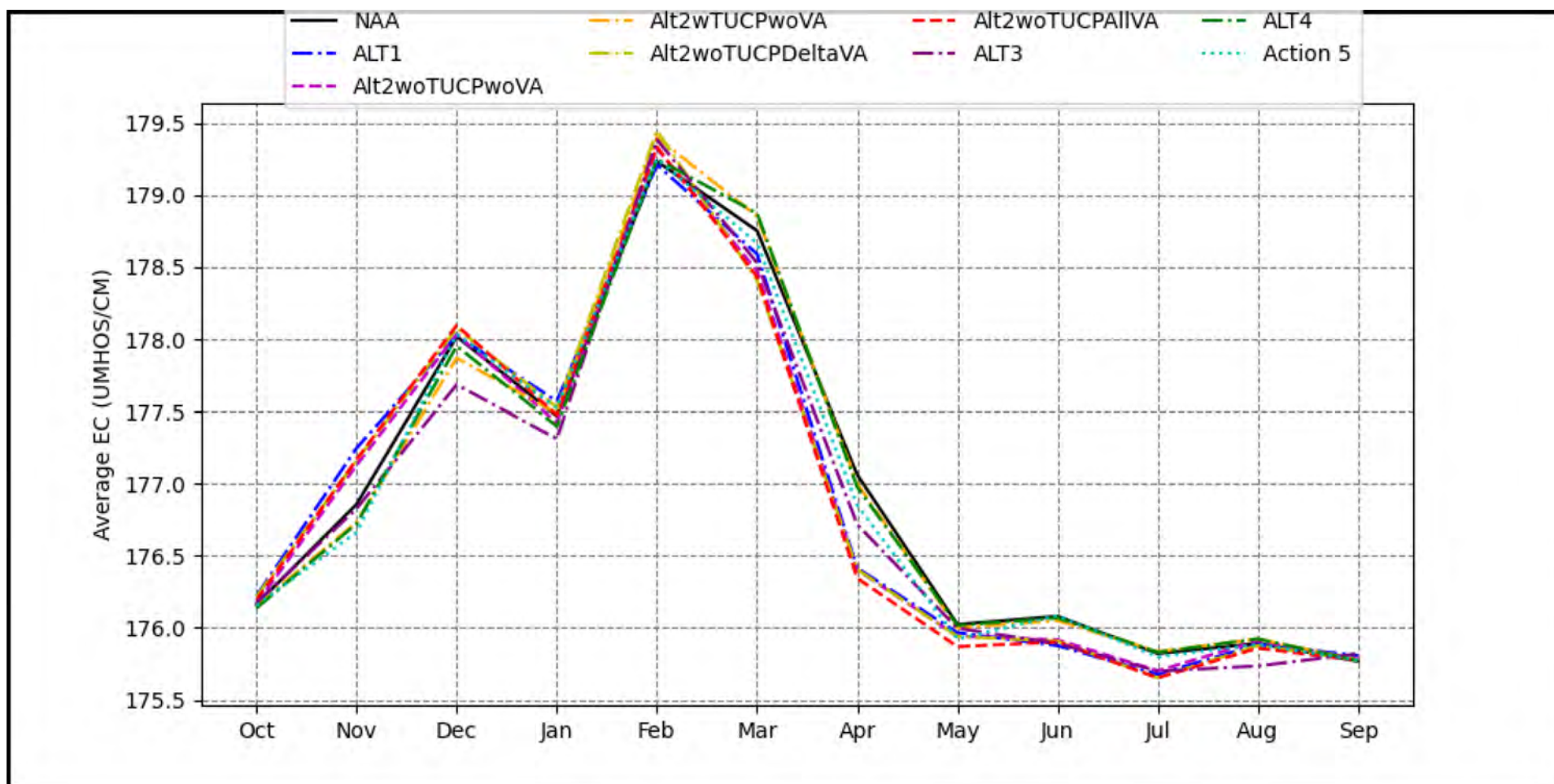


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-5-17 Sacramento River downstream of Georgiana Slough Salinity, Dry Year Average EC (UMHOS/CM)



*As defined by the 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 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-5-18 Sacramento River downstream of Georgiana Slough Salinity, Critical Year Average EC (UMHOS/CM)

F.2.5-6 Sacramento River at Emmaton Salinity

Table F.2.5-6-1 a. Sacramento River at Emmaton Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3,634	3,517	1,944	1,284	485	423	721	1,237	2,283	2,572	3,111	3,342
20% Exceedance	3,137	2,854	1,528	904	309	261	400	428	721	1,087	2,098	3,001
30% Exceedance	2,815	2,549	1,339	469	231	204	253	391	651	912	1,859	2,668
40% Exceedance	2,525	2,101	1,092	305	203	197	216	326	571	772	1,565	2,462
50% Exceedance	2,189	1,153	684	250	194	193	203	245	489	519	997	1,926
60% Exceedance	446	1,011	380	211	188	190	196	226	453	406	671	487
70% Exceedance	417	919	270	187	184	184	189	199	382	360	617	437
80% Exceedance	388	730	223	181	181	181	185	185	285	330	579	406
90% Exceedance	358	357	187	179	179	179	180	178	210	315	520	386
Full Simulation Period Average^a	1,772	1,737	939	537	278	251	358	491	750	921	1,413	1,739
Wet Years (27.7%)	386	729	703	187	180	182	185	202	300	331	566	401
Above Normal Years (13.9%)	396	866	805	322	189	184	193	230	369	337	566	420
Below Normal Years (17.8%)	2,262	1,979	745	386	233	202	234	279	560	596	1,159	2,098
Dry Years (23.8%)	2,679	2,178	1,078	747	304	248	270	356	604	940	1,864	2,702
Critical Years (15.8%)	3,704	3,502	1,559	1,194	540	488	1,076	1,668	2,305	2,802	3,246	3,388

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-1 b. Sacramento River at Emmaton Salinity, ALT1, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3,411	3,355	2,676	1,749	536	442	464	914	1,066	1,621	2,692	3,204
20% Exceedance	2,818	2,872	2,302	1,433	398	270	334	447	695	1,041	2,164	2,924
30% Exceedance	2,613	2,580	1,786	921	275	212	272	422	603	907	1,872	2,689
40% Exceedance	2,521	2,473	1,359	453	221	199	216	397	460	710	1,525	2,337
50% Exceedance	2,203	2,278	1,110	302	195	194	204	271	417	576	1,036	1,989
60% Exceedance	1,970	2,068	577	229	188	189	194	234	345	432	959	1,586
70% Exceedance	1,678	1,671	321	187	184	184	187	197	311	395	913	1,455
80% Exceedance	1,451	1,021	236	181	180	181	183	184	277	367	886	1,198
90% Exceedance	1,284	499	190	179	179	179	180	178	215	330	841	1,073
Full Simulation Period Average^a	2,185	2,113	1,204	698	310	254	285	419	613	797	1,464	2,048
Wet Years (27.7%)	1,474	1,426	931	198	180	182	186	208	257	350	854	1,278
Above Normal Years (13.9%)	1,725	1,898	1,014	344	192	185	193	243	298	372	876	1,404
Below Normal Years (17.8%)	2,113	2,110	1,046	552	267	209	241	314	432	598	1,178	1,811
Dry Years (23.8%)	2,531	2,132	1,464	1,074	366	268	281	375	613	953	1,904	2,703
Critical Years (15.8%)	3,504	3,544	1,712	1,481	603	468	592	1,125	1,719	1,942	2,708	3,242

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-1 c. Sacramento River at Emmaton Salinity, ALT1 Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-223	-162	732	466	51	19	-257	-323	-1,217	-951	-419	-138
20% Exceedance	-319	18	774	529	90	9	-67	19	-26	-46	65	-77
30% Exceedance	-202	31	447	452	45	8	19	31	-48	-5	14	21
40% Exceedance	-4	372	267	149	17	2	0	71	-111	-63	-40	-125
50% Exceedance	15	1,125	426	52	1	1	0	25	-72	57	39	63
60% Exceedance	1,524	1,057	197	18	0	-1	-2	8	-108	26	288	1,099
70% Exceedance	1,261	753	51	0	0	0	-1	-2	-71	34	296	1,018
80% Exceedance	1,063	292	13	0	0	0	-1	-1	-9	37	306	792
90% Exceedance	926	142	3	0	0	0	0	0	5	16	321	688
Full Simulation Period Average^a	414	376	265	160	31	3	-73	-73	-137	-124	51	308
Wet Years (27.7%)	1,088	697	229	11	0	0	1	6	-43	19	288	877
Above Normal Years (13.9%)	1,328	1,031	208	21	3	1	0	13	-72	34	310	984
Below Normal Years (17.8%)	-149	131	301	166	34	7	7	35	-128	2	19	-288
Dry Years (23.8%)	-149	-46	387	327	61	19	11	18	9	13	40	1
Critical Years (15.8%)	-199	42	153	287	63	-20	-483	-543	-586	-860	-538	-146

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-2 a. Sacramento River at Emmaton Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3,634	3,517	1,944	1,284	485	423	721	1,237	2,283	2,572	3,111	3,342
20% Exceedance	3,137	2,854	1,528	904	309	261	400	428	721	1,087	2,098	3,001
30% Exceedance	2,815	2,549	1,339	469	231	204	253	391	651	912	1,859	2,668
40% Exceedance	2,525	2,101	1,092	305	203	197	216	326	571	772	1,565	2,462
50% Exceedance	2,189	1,153	684	250	194	193	203	245	489	519	997	1,926
60% Exceedance	446	1,011	380	211	188	190	196	226	453	406	671	487
70% Exceedance	417	919	270	187	184	184	189	199	382	360	617	437
80% Exceedance	388	730	223	181	181	181	185	185	285	330	579	406
90% Exceedance	358	357	187	179	179	179	180	178	210	315	520	386
Full Simulation Period Average^a	1,772	1,737	939	537	278	251	358	491	750	921	1,413	1,739
Wet Years (27.7%)	386	729	703	187	180	182	185	202	300	331	566	401
Above Normal Years (13.9%)	396	866	805	322	189	184	193	230	369	337	566	420
Below Normal Years (17.8%)	2,262	1,979	745	386	233	202	234	279	560	596	1,159	2,098
Dry Years (23.8%)	2,679	2,178	1,078	747	304	248	270	356	604	940	1,864	2,702
Critical Years (15.8%)	3,704	3,502	1,559	1,194	540	488	1,076	1,668	2,305	2,802	3,246	3,388

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-2 b. Sacramento River at Emmaton Salinity, Alt2woTUCPwoVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3,807	3,283	1,857	1,270	444	334	456	815	1,109	1,656	2,724	3,392
20% Exceedance	3,157	2,862	1,561	794	304	255	325	461	764	1,187	2,225	3,026
30% Exceedance	2,860	2,611	1,306	420	223	204	255	423	662	902	1,954	2,767
40% Exceedance	2,492	2,131	1,075	329	203	198	222	389	590	764	1,485	2,364
50% Exceedance	2,138	1,133	625	254	193	193	204	272	480	553	1,028	2,063
60% Exceedance	448	1,008	381	206	188	190	194	230	448	410	707	478
70% Exceedance	412	916	268	187	184	184	188	199	406	381	643	441
80% Exceedance	382	700	215	181	180	182	184	184	283	344	602	419
90% Exceedance	357	384	188	179	179	179	180	178	208	320	566	395
Full Simulation Period Average^a	1,805	1,685	932	512	276	241	279	413	664	808	1,362	1,765
Wet Years (27.7%)	388	729	705	186	180	182	185	208	298	341	600	411
Above Normal Years (13.9%)	385	835	805	323	189	184	193	242	365	353	597	423
Below Normal Years (17.8%)	2,294	1,945	742	391	233	201	239	314	567	603	1,147	2,093
Dry Years (23.8%)	2,707	2,211	1,049	685	289	247	275	374	637	993	1,951	2,765
Critical Years (15.8%)	3,852	3,175	1,557	1,125	551	428	572	1,092	1,714	1,973	2,724	3,438

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-2 c. Sacramento River at Emmaton Salinity, Alt2woTUCPwoVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	173	-234	-87	-14	-41	-89	-265	-422	-1,174	-917	-387	50
20% Exceedance	20	9	33	-110	-4	-6	-75	34	42	100	127	25
30% Exceedance	44	62	-34	-49	-8	0	3	32	11	-10	95	99
40% Exceedance	-33	30	-17	24	0	0	6	63	18	-9	-79	-98
50% Exceedance	-51	-20	-58	3	-1	0	0	27	-9	33	31	137
60% Exceedance	2	-3	1	-5	0	0	-2	4	-4	4	36	-9
70% Exceedance	-5	-3	-3	0	0	0	-1	0	24	20	26	4
80% Exceedance	-6	-30	-8	0	0	0	-1	-1	-2	14	22	13
90% Exceedance	-1	27	0	0	0	0	0	0	-2	5	47	9
Full Simulation Period Average^a	34	-52	-7	-25	-2	-10	-79	-78	-87	-114	-51	25
Wet Years (27.7%)	2	0	3	-1	0	0	0	6	-2	10	34	10
Above Normal Years (13.9%)	-11	-31	0	0	0	0	-1	12	-4	16	31	3
Below Normal Years (17.8%)	32	-35	-3	5	0	0	5	35	7	7	-11	-5
Dry Years (23.8%)	28	33	-29	-63	-15	-1	5	18	33	54	88	63
Critical Years (15.8%)	148	-327	-2	-68	11	-60	-504	-577	-591	-829	-521	50

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-3 a. Sacramento River at Emmatton Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3,634	3,517	1,944	1,284	485	423	721	1,237	2,283	2,572	3,111	3,342
20% Exceedance	3,137	2,854	1,528	904	309	261	400	428	721	1,087	2,098	3,001
30% Exceedance	2,815	2,549	1,339	469	231	204	253	391	651	912	1,859	2,668
40% Exceedance	2,525	2,101	1,092	305	203	197	216	326	571	772	1,565	2,462
50% Exceedance	2,189	1,153	684	250	194	193	203	245	489	519	997	1,926
60% Exceedance	446	1,011	380	211	188	190	196	226	453	406	671	487
70% Exceedance	417	919	270	187	184	184	189	199	382	360	617	437
80% Exceedance	388	730	223	181	181	181	185	185	285	330	579	406
90% Exceedance	358	357	187	179	179	179	180	178	210	315	520	386
Full Simulation Period Average^a	1,772	1,737	939	537	278	251	358	491	750	921	1,413	1,739
Wet Years (27.7%)	386	729	703	187	180	182	185	202	300	331	566	401
Above Normal Years (13.9%)	396	866	805	322	189	184	193	230	369	337	566	420
Below Normal Years (17.8%)	2,262	1,979	745	386	233	202	234	279	560	596	1,159	2,098
Dry Years (23.8%)	2,679	2,178	1,078	747	304	248	270	356	604	940	1,864	2,702
Critical Years (15.8%)	3,704	3,502	1,559	1,194	540	488	1,076	1,668	2,305	2,802	3,246	3,388

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-3 b. Sacramento River at Emmaton Salinity, Alt2wTUCPwoVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3,579	3,292	1,944	1,269	444	428	528	1,178	2,415	2,660	3,102	3,379
20% Exceedance	3,156	2,892	1,604	782	305	273	409	461	785	1,245	2,226	3,010
30% Exceedance	2,855	2,568	1,342	457	222	204	256	423	668	896	1,972	2,769
40% Exceedance	2,522	2,141	1,076	314	203	197	222	377	591	758	1,398	2,350
50% Exceedance	2,166	1,134	634	243	193	193	204	272	480	540	1,028	2,042
60% Exceedance	446	1,008	381	206	188	190	194	230	449	410	707	478
70% Exceedance	411	915	271	186	184	184	188	199	406	380	643	440
80% Exceedance	378	700	216	181	180	181	184	184	283	344	602	418
90% Exceedance	353	384	187	179	179	179	179	178	208	320	565	395
Full Simulation Period Average^a	1,783	1,709	917	522	290	254	354	498	743	924	1,432	1,749
Wet Years (27.7%)	387	729	704	186	180	182	185	208	298	341	600	410
Above Normal Years (13.9%)	383	839	806	322	189	184	193	242	365	353	596	423
Below Normal Years (17.8%)	2,298	1,933	750	393	232	201	239	314	567	589	1,093	2,055
Dry Years (23.8%)	2,702	2,204	1,075	695	290	247	275	374	636	990	1,949	2,764
Critical Years (15.8%)	3,707	3,356	1,403	1,170	633	512	1,039	1,624	2,213	2,721	3,222	3,387

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-3 c. Sacramento River at Emmaton Salinity, Alt2wTUCPwoVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-55	-224	0	-15	-40	4	-194	-59	133	88	-9	38
20% Exceedance	19	39	77	-122	-3	12	9	34	63	157	128	9
30% Exceedance	39	19	3	-12	-8	0	4	32	17	-16	114	101
40% Exceedance	-3	40	-17	9	0	0	6	51	20	-14	-167	-112
50% Exceedance	-22	-19	-50	-7	-1	0	0	27	-9	20	31	115
60% Exceedance	1	-3	1	-4	0	0	-2	4	-3	4	36	-9
70% Exceedance	-6	-3	0	0	0	0	-1	0	24	20	26	3
80% Exceedance	-10	-30	-7	0	0	0	-1	-1	-2	14	22	12
90% Exceedance	-5	27	0	0	0	0	0	0	-2	6	45	9
Full Simulation Period Average^a	11	-28	-23	-15	11	3	-4	7	-7	3	19	10
Wet Years (27.7%)	2	0	1	-1	0	0	0	6	-2	10	34	10
Above Normal Years (13.9%)	-14	-28	1	0	0	0	-1	12	-4	16	30	3
Below Normal Years (17.8%)	36	-46	5	7	-1	0	5	35	7	-6	-65	-43
Dry Years (23.8%)	23	25	-3	-53	-15	-2	5	18	33	50	85	62
Critical Years (15.8%)	4	-145	-156	-24	94	24	-37	-44	-92	-81	-23	-1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-4 a. Sacramento River at Emmatton Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3,634	3,517	1,944	1,284	485	423	721	1,237	2,283	2,572	3,111	3,342
20% Exceedance	3,137	2,854	1,528	904	309	261	400	428	721	1,087	2,098	3,001
30% Exceedance	2,815	2,549	1,339	469	231	204	253	391	651	912	1,859	2,668
40% Exceedance	2,525	2,101	1,092	305	203	197	216	326	571	772	1,565	2,462
50% Exceedance	2,189	1,153	684	250	194	193	203	245	489	519	997	1,926
60% Exceedance	446	1,011	380	211	188	190	196	226	453	406	671	487
70% Exceedance	417	919	270	187	184	184	189	199	382	360	617	437
80% Exceedance	388	730	223	181	181	181	185	185	285	330	579	406
90% Exceedance	358	357	187	179	179	179	180	178	210	315	520	386
Full Simulation Period Average^a	1,772	1,737	939	537	278	251	358	491	750	921	1,413	1,739
Wet Years (27.7%)	386	729	703	187	180	182	185	202	300	331	566	401
Above Normal Years (13.9%)	396	866	805	322	189	184	193	230	369	337	566	420
Below Normal Years (17.8%)	2,262	1,979	745	386	233	202	234	279	560	596	1,159	2,098
Dry Years (23.8%)	2,679	2,178	1,078	747	304	248	270	356	604	940	1,864	2,702
Critical Years (15.8%)	3,704	3,502	1,559	1,194	540	488	1,076	1,668	2,305	2,802	3,246	3,388

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-4 b. Sacramento River at Emmaton Salinity, Alt2woTUCPDeltaVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3,838	3,124	1,968	1,299	452	341	433	840	1,110	1,588	2,688	3,377
20% Exceedance	3,159	2,866	1,518	792	298	241	290	465	797	1,152	2,177	3,012
30% Exceedance	2,839	2,573	1,359	428	233	204	255	431	685	909	1,861	2,783
40% Exceedance	2,465	1,919	1,097	328	206	199	220	359	584	756	1,419	2,412
50% Exceedance	2,184	1,169	624	265	193	195	203	272	488	562	1,016	2,053
60% Exceedance	449	975	382	209	188	190	196	230	455	409	706	473
70% Exceedance	414	870	269	187	184	184	189	202	405	370	641	436
80% Exceedance	380	702	222	182	180	182	185	184	283	340	596	413
90% Exceedance	359	387	187	179	179	179	180	178	209	318	561	395
Full Simulation Period Average^a	1,809	1,664	938	552	297	239	276	412	668	793	1,332	1,766
Wet Years (27.7%)	389	718	723	187	180	183	185	208	302	338	598	409
Above Normal Years (13.9%)	387	824	798	323	189	185	195	235	373	348	589	416
Below Normal Years (17.8%)	2,271	1,912	726	402	233	200	231	319	574	607	1,091	2,105
Dry Years (23.8%)	2,700	2,189	1,023	704	297	234	265	369	644	977	1,895	2,772
Critical Years (15.8%)	3,910	3,143	1,630	1,334	669	433	572	1,091	1,709	1,915	2,694	3,434

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-4 c. Sacramento River at Emmaton Salinity, Alt2woTUCPDeltaVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	203	-393	24	15	-33	-82	-289	-397	-1,172	-984	-423	35
20% Exceedance	22	13	-10	-112	-10	-20	-111	37	75	65	79	10
30% Exceedance	24	24	19	-41	2	0	3	40	35	-3	2	115
40% Exceedance	-60	-182	5	23	2	1	4	33	13	-16	-145	-50
50% Exceedance	-5	16	-59	15	-1	1	-1	27	-1	43	19	126
60% Exceedance	3	-37	2	-2	0	0	1	5	2	3	36	-14
70% Exceedance	-3	-49	-1	0	0	0	1	3	22	10	24	-1
80% Exceedance	-8	-27	-1	0	0	0	0	0	-2	10	17	8
90% Exceedance	1	30	0	0	0	0	0	0	-1	3	41	9
Full Simulation Period Average^a	37	-72	-1	15	19	-12	-82	-80	-82	-128	-81	27
Wet Years (27.7%)	3	-10	20	0	0	0	0	6	1	7	32	8
Above Normal Years (13.9%)	-9	-43	-7	1	0	1	1	5	4	10	22	-4
Below Normal Years (17.8%)	9	-67	-19	16	0	-1	-2	40	14	12	-68	7
Dry Years (23.8%)	21	11	-54	-43	-8	-15	-5	13	40	37	31	69
Critical Years (15.8%)	207	-359	71	141	129	-55	-503	-578	-595	-887	-551	46

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-5 a. Sacramento River at Emmaton Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3,634	3,517	1,944	1,284	485	423	721	1,237	2,283	2,572	3,111	3,342
20% Exceedance	3,137	2,854	1,528	904	309	261	400	428	721	1,087	2,098	3,001
30% Exceedance	2,815	2,549	1,339	469	231	204	253	391	651	912	1,859	2,668
40% Exceedance	2,525	2,101	1,092	305	203	197	216	326	571	772	1,565	2,462
50% Exceedance	2,189	1,153	684	250	194	193	203	245	489	519	997	1,926
60% Exceedance	446	1,011	380	211	188	190	196	226	453	406	671	487
70% Exceedance	417	919	270	187	184	184	189	199	382	360	617	437
80% Exceedance	388	730	223	181	181	181	185	185	285	330	579	406
90% Exceedance	358	357	187	179	179	179	180	178	210	315	520	386
Full Simulation Period Average^a	1,772	1,737	939	537	278	251	358	491	750	921	1,413	1,739
Wet Years (27.7%)	386	729	703	187	180	182	185	202	300	331	566	401
Above Normal Years (13.9%)	396	866	805	322	189	184	193	230	369	337	566	420
Below Normal Years (17.8%)	2,262	1,979	745	386	233	202	234	279	560	596	1,159	2,098
Dry Years (23.8%)	2,679	2,178	1,078	747	304	248	270	356	604	940	1,864	2,702
Critical Years (15.8%)	3,704	3,502	1,559	1,194	540	488	1,076	1,668	2,305	2,802	3,246	3,388

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-5 b. Sacramento River at Emmaton Salinity, Alt2woTUCPAIIVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3,808	3,173	1,956	1,293	451	298	403	701	1,062	1,551	2,646	3,376
20% Exceedance	3,180	2,896	1,541	766	299	240	269	409	740	1,208	2,170	3,015
30% Exceedance	2,827	2,599	1,338	441	231	204	228	369	667	930	1,885	2,781
40% Exceedance	2,418	1,894	1,083	326	202	198	208	314	567	785	1,387	2,447
50% Exceedance	2,021	1,146	619	265	194	195	199	238	496	576	966	2,036
60% Exceedance	442	972	382	209	188	190	194	214	454	402	708	472
70% Exceedance	412	868	266	187	184	185	189	196	393	368	628	436
80% Exceedance	383	702	220	181	180	182	185	184	282	337	588	414
90% Exceedance	357	384	187	179	179	179	180	178	212	317	551	395
Full Simulation Period Average^a	1,791	1,668	946	528	272	235	258	363	638	791	1,322	1,759
Wet Years (27.7%)	387	719	722	187	180	183	185	207	302	337	594	409
Above Normal Years (13.9%)	385	825	788	322	189	185	193	217	368	346	576	418
Below Normal Years (17.8%)	2,170	1,888	729	395	233	200	211	268	569	605	1,078	2,072
Dry Years (23.8%)	2,711	2,162	1,046	711	296	232	241	325	617	995	1,898	2,771
Critical Years (15.8%)	3,898	3,235	1,655	1,182	515	412	518	927	1,574	1,879	2,662	3,428

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-5 c. Sacramento River at Emmaton Salinity, Alt2woTUCPAIIVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	174	-343	12	10	-34	-126	-319	-536	-1,220	-1,021	-465	34
20% Exceedance	43	43	14	-138	-10	-21	-131	-19	18	120	72	14
30% Exceedance	12	50	-2	-27	0	0	-25	-23	17	18	27	113
40% Exceedance	-107	-207	-9	21	-1	1	-7	-12	-5	13	-178	-15
50% Exceedance	-167	-8	-64	15	-1	1	-5	-7	7	56	-31	109
60% Exceedance	-3	-40	2	-2	0	0	-2	-12	1	-4	38	-16
70% Exceedance	-5	-51	-4	0	0	1	0	-3	10	8	11	-1
80% Exceedance	-5	-28	-3	0	0	0	0	-1	-3	8	9	8
90% Exceedance	-1	27	-1	0	0	0	0	0	2	3	31	9
Full Simulation Period Average^a	19	-69	7	-9	-6	-16	-100	-128	-112	-130	-91	20
Wet Years (27.7%)	1	-10	19	0	0	0	0	5	2	6	28	8
Above Normal Years (13.9%)	-11	-42	-17	0	0	1	-1	-13	-1	8	10	-2
Below Normal Years (17.8%)	-92	-91	-16	9	-1	-2	-23	-10	9	9	-81	-27
Dry Years (23.8%)	32	-16	-31	-36	-8	-17	-29	-31	13	55	34	69
Critical Years (15.8%)	194	-267	96	-12	-25	-77	-558	-741	-730	-923	-584	41

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-6 a. Sacramento River at Emmaton Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3,634	3,517	1,944	1,284	485	423	721	1,237	2,283	2,572	3,111	3,342
20% Exceedance	3,137	2,854	1,528	904	309	261	400	428	721	1,087	2,098	3,001
30% Exceedance	2,815	2,549	1,339	469	231	204	253	391	651	912	1,859	2,668
40% Exceedance	2,525	2,101	1,092	305	203	197	216	326	571	772	1,565	2,462
50% Exceedance	2,189	1,153	684	250	194	193	203	245	489	519	997	1,926
60% Exceedance	446	1,011	380	211	188	190	196	226	453	406	671	487
70% Exceedance	417	919	270	187	184	184	189	199	382	360	617	437
80% Exceedance	388	730	223	181	181	181	185	185	285	330	579	406
90% Exceedance	358	357	187	179	179	179	180	178	210	315	520	386
Full Simulation Period Average^a	1,772	1,737	939	537	278	251	358	491	750	921	1,413	1,739
Wet Years (27.7%)	386	729	703	187	180	182	185	202	300	331	566	401
Above Normal Years (13.9%)	396	866	805	322	189	184	193	230	369	337	566	420
Below Normal Years (17.8%)	2,262	1,979	745	386	233	202	234	279	560	596	1,159	2,098
Dry Years (23.8%)	2,679	2,178	1,078	747	304	248	270	356	604	940	1,864	2,702
Critical Years (15.8%)	3,704	3,502	1,559	1,194	540	488	1,076	1,668	2,305	2,802	3,246	3,388

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-6 b. Sacramento River at Emmaton Salinity, ALT3, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3,516	3,395	1,957	775	294	275	382	653	1,193	1,313	1,766	2,782
20% Exceedance	2,194	2,695	1,142	414	237	221	251	401	730	1,018	897	1,444
30% Exceedance	2,056	2,398	588	320	204	202	226	296	664	852	823	1,257
40% Exceedance	1,609	2,050	444	222	198	197	209	249	583	786	777	1,129
50% Exceedance	1,428	764	340	201	193	193	199	219	534	699	723	1,035
60% Exceedance	448	459	262	192	187	189	192	202	487	665	669	472
70% Exceedance	393	425	214	185	184	184	189	192	431	549	627	408
80% Exceedance	370	399	193	181	181	182	184	185	347	458	563	391
90% Exceedance	351	332	182	179	179	179	180	176	233	377	526	371
Full Simulation Period Average^a	1,439	1,499	688	340	231	223	281	379	607	800	885	1,118
Wet Years (27.7%)	371	392	334	183	181	184	186	189	347	395	533	389
Above Normal Years (13.9%)	374	392	309	201	185	185	194	203	461	657	652	385
Below Normal Years (17.8%)	1,392	1,764	726	271	205	196	209	263	639	910	829	1,074
Dry Years (23.8%)	2,022	2,078	1,038	378	230	211	226	306	525	744	761	1,279
Critical Years (15.8%)	3,628	3,426	1,125	754	388	376	690	1,104	1,277	1,593	1,954	2,845

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-6 c. Sacramento River at Emmaton Salinity, ALT3 Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-118	-122	13	-508	-191	-148	-340	-584	-1,089	-1,260	-1,345	-560
20% Exceedance	-942	-158	-386	-491	-72	-40	-149	-27	8	-69	-1,201	-1,557
30% Exceedance	-759	-151	-751	-148	-26	-2	-27	-95	14	-61	-1,036	-1,411
40% Exceedance	-916	-50	-648	-82	-6	-1	-7	-77	12	14	-787	-1,333
50% Exceedance	-761	-390	-344	-49	-1	0	-4	-26	45	180	-274	-891
60% Exceedance	3	-552	-118	-19	-1	0	-4	-23	34	260	-2	-15
70% Exceedance	-24	-493	-56	-2	0	0	0	-7	49	189	10	-30
80% Exceedance	-18	-331	-30	0	0	1	-1	0	61	128	-17	-15
90% Exceedance	-7	-25	-5	0	0	0	0	-2	23	63	6	-14
Full Simulation Period Average^a	-333	-237	-252	-198	-48	-28	-77	-113	-143	-121	-528	-621
Wet Years (27.7%)	-14	-337	-368	-4	0	1	1	-13	47	64	-33	-12
Above Normal Years (13.9%)	-22	-475	-496	-121	-4	1	1	-27	91	320	85	-35
Below Normal Years (17.8%)	-870	-215	-19	-114	-28	-6	-25	-16	79	314	-329	-1,025
Dry Years (23.8%)	-657	-100	-40	-369	-74	-37	-44	-50	-79	-196	-1,103	-1,423
Critical Years (15.8%)	-75	-76	-434	-440	-152	-113	-386	-564	-1,028	-1,209	-1,292	-543

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-7 a. Sacramento River at Emmatton Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3,634	3,517	1,944	1,284	485	423	721	1,237	2,283	2,572	3,111	3,342
20% Exceedance	3,137	2,854	1,528	904	309	261	400	428	721	1,087	2,098	3,001
30% Exceedance	2,815	2,549	1,339	469	231	204	253	391	651	912	1,859	2,668
40% Exceedance	2,525	2,101	1,092	305	203	197	216	326	571	772	1,565	2,462
50% Exceedance	2,189	1,153	684	250	194	193	203	245	489	519	997	1,926
60% Exceedance	446	1,011	380	211	188	190	196	226	453	406	671	487
70% Exceedance	417	919	270	187	184	184	189	199	382	360	617	437
80% Exceedance	388	730	223	181	181	181	185	185	285	330	579	406
90% Exceedance	358	357	187	179	179	179	180	178	210	315	520	386
Full Simulation Period Average^a	1,772	1,737	939	537	278	251	358	491	750	921	1,413	1,739
Wet Years (27.7%)	386	729	703	187	180	182	185	202	300	331	566	401
Above Normal Years (13.9%)	396	866	805	322	189	184	193	230	369	337	566	420
Below Normal Years (17.8%)	2,262	1,979	745	386	233	202	234	279	560	596	1,159	2,098
Dry Years (23.8%)	2,679	2,178	1,078	747	304	248	270	356	604	940	1,864	2,702
Critical Years (15.8%)	3,704	3,502	1,559	1,194	540	488	1,076	1,668	2,305	2,802	3,246	3,388

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-7 b. Sacramento River at Emmaton Salinity, ALT4, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3,562	3,232	1,936	1,246	467	444	543	1,188	2,313	2,639	2,932	3,347
20% Exceedance	3,179	2,893	1,577	883	312	274	410	462	772	1,168	2,154	3,032
30% Exceedance	2,873	2,576	1,212	442	225	203	254	424	670	866	1,904	2,689
40% Exceedance	2,567	2,066	927	289	201	196	218	378	601	720	1,428	2,402
50% Exceedance	2,068	1,639	591	235	193	193	203	274	482	515	976	2,121
60% Exceedance	1,102	1,453	388	203	188	190	194	233	447	411	901	1,104
70% Exceedance	984	1,235	265	185	183	184	187	198	406	381	861	1,003
80% Exceedance	914	970	217	181	180	181	184	184	283	341	831	912
90% Exceedance	814	419	188	179	179	179	180	178	207	320	776	809
Full Simulation Period Average^a	2,008	1,855	888	501	282	257	356	502	754	909	1,501	1,945
Wet Years (27.7%)	895	1,072	606	185	180	182	185	208	297	339	804	861
Above Normal Years (13.9%)	926	1,196	740	254	187	184	192	242	366	350	838	941
Below Normal Years (17.8%)	2,270	1,912	750	360	231	201	235	317	572	561	1,061	2,079
Dry Years (23.8%)	2,739	2,194	1,072	724	315	254	272	374	638	948	1,894	2,725
Critical Years (15.8%)	3,695	3,369	1,459	1,092	549	516	1,060	1,646	2,272	2,729	3,208	3,397

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-7 c. Sacramento River at Emmaton Salinity, ALT4 Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-72	-285	-8	-37	-18	21	-178	-49	30	66	-179	5
20% Exceedance	42	39	49	-21	3	14	10	35	50	81	56	31
30% Exceedance	58	27	-127	-27	-6	-1	2	33	19	-47	46	21
40% Exceedance	42	-35	-165	-15	-2	-1	2	52	30	-52	-136	-60
50% Exceedance	-121	485	-92	-15	-1	0	0	29	-7	-4	-22	194
60% Exceedance	656	442	8	-8	0	0	-2	8	-5	5	230	617
70% Exceedance	567	316	-5	-1	0	0	-1	-1	23	21	244	566
80% Exceedance	526	240	-7	0	0	0	-1	-1	-2	11	252	506
90% Exceedance	456	62	1	0	0	0	0	0	-2	5	256	423
Full Simulation Period Average^a	236	118	-51	-36	3	6	-2	11	4	-12	88	205
Wet Years (27.7%)	509	344	-97	-1	0	0	0	6	-3	8	238	460
Above Normal Years (13.9%)	530	330	-65	-68	-2	0	-1	12	-4	12	272	521
Below Normal Years (17.8%)	8	-68	5	-26	-3	-1	1	38	12	-34	-98	-19
Dry Years (23.8%)	59	16	-6	-23	11	6	2	17	34	8	30	22
Critical Years (15.8%)	-8	-133	-100	-101	9	28	-16	-23	-32	-73	-38	10

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-8 a. Sacramento River at Emmatton Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3,634	3,517	1,944	1,284	485	423	721	1,237	2,283	2,572	3,111	3,342
20% Exceedance	3,137	2,854	1,528	904	309	261	400	428	721	1,087	2,098	3,001
30% Exceedance	2,815	2,549	1,339	469	231	204	253	391	651	912	1,859	2,668
40% Exceedance	2,525	2,101	1,092	305	203	197	216	326	571	772	1,565	2,462
50% Exceedance	2,189	1,153	684	250	194	193	203	245	489	519	997	1,926
60% Exceedance	446	1,011	380	211	188	190	196	226	453	406	671	487
70% Exceedance	417	919	270	187	184	184	189	199	382	360	617	437
80% Exceedance	388	730	223	181	181	181	185	185	285	330	579	406
90% Exceedance	358	357	187	179	179	179	180	178	210	315	520	386
Full Simulation Period Average^a	1,772	1,737	939	537	278	251	358	491	750	921	1,413	1,739
Wet Years (27.7%)	386	729	703	187	180	182	185	202	300	331	566	401
Above Normal Years (13.9%)	396	866	805	322	189	184	193	230	369	337	566	420
Below Normal Years (17.8%)	2,262	1,979	745	386	233	202	234	279	560	596	1,159	2,098
Dry Years (23.8%)	2,679	2,178	1,078	747	304	248	270	356	604	940	1,864	2,702
Critical Years (15.8%)	3,704	3,502	1,559	1,194	540	488	1,076	1,668	2,305	2,802	3,246	3,388

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-8 b. Sacramento River at Emmaton Salinity, Action 5, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	3,667	3,271	1,969	1,245	449	353	487	1,052	2,390	2,317	2,800	3,388
20% Exceedance	3,069	2,829	1,502	892	305	250	321	404	727	1,177	2,109	3,043
30% Exceedance	2,840	2,546	1,270	429	233	200	234	359	672	888	1,755	2,696
40% Exceedance	2,702	2,216	1,096	306	205	196	208	295	562	767	1,369	2,346
50% Exceedance	2,488	2,032	677	244	192	194	199	237	496	531	976	2,186
60% Exceedance	2,155	1,809	426	212	188	190	193	212	448	404	898	1,915
70% Exceedance	1,829	1,498	274	185	183	184	188	196	381	373	866	1,531
80% Exceedance	1,579	1,264	225	181	180	181	184	184	284	337	817	1,259
90% Exceedance	1,283	485	191	179	179	179	180	178	213	318	742	1,071
Full Simulation Period Average^a	2,361	1,985	942	535	270	238	316	432	728	904	1,460	2,148
Wet Years (27.7%)	1,628	1,445	704	187	180	182	185	207	300	337	794	1,291
Above Normal Years (13.9%)	1,907	1,572	786	316	188	184	192	216	369	350	814	1,635
Below Normal Years (17.8%)	2,288	1,797	728	386	231	199	209	265	570	575	1,034	2,012
Dry Years (23.8%)	2,657	2,165	1,076	719	312	234	245	321	603	968	1,825	2,703
Critical Years (15.8%)	3,796	3,294	1,604	1,223	480	432	884	1,367	2,156	2,656	3,121	3,415

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-6-8 c. Sacramento River at Emmaton Salinity, Action 5 Minus NAA, Monthly EC (UMHOS/CM)

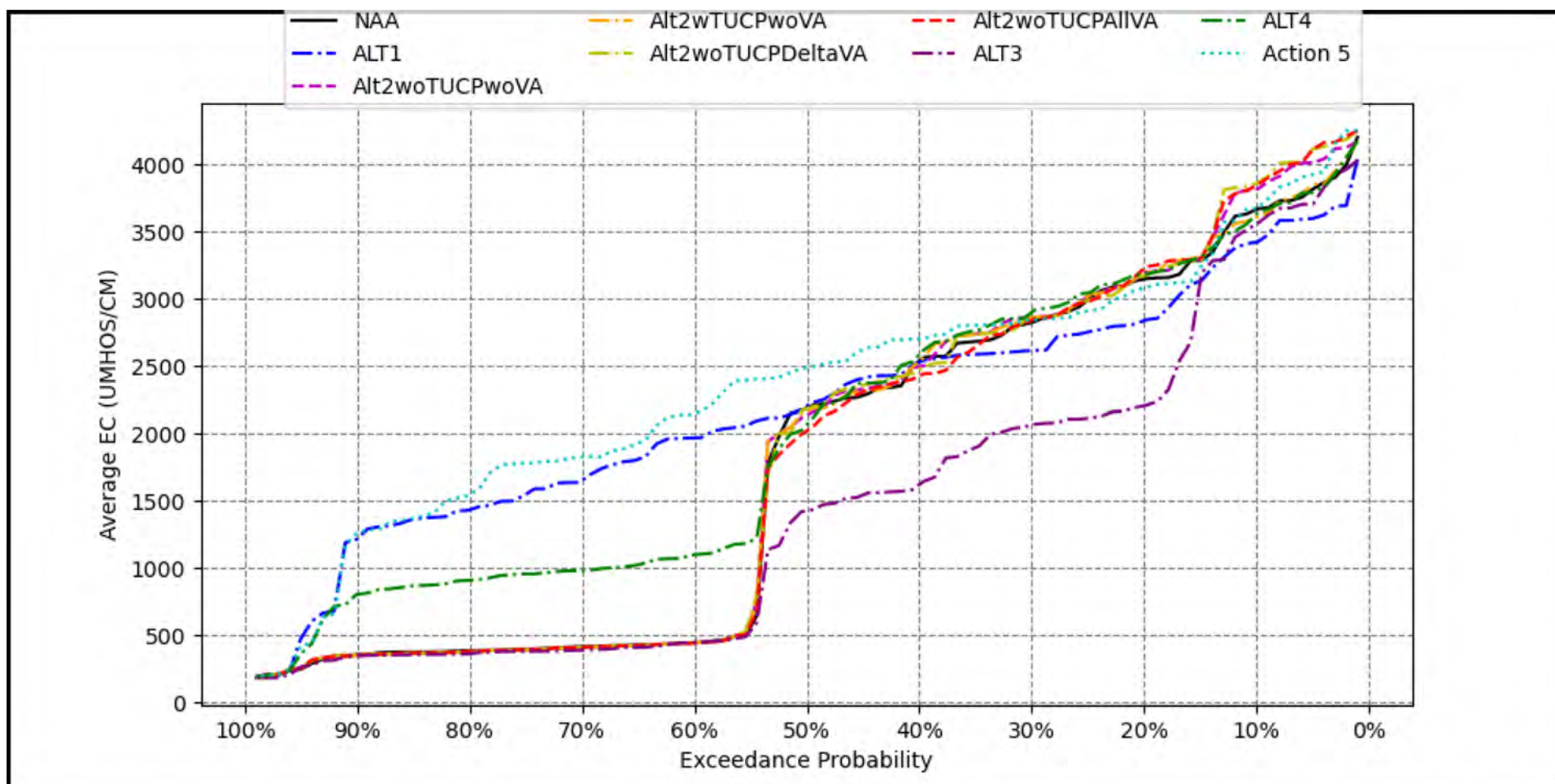
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	33	-246	25	-38	-36	-70	-234	-185	108	-256	-310	47
20% Exceedance	-68	-25	-26	-12	-4	-11	-80	-23	6	90	11	41
30% Exceedance	25	-3	-69	-39	2	-4	-19	-32	22	-24	-103	28
40% Exceedance	177	116	4	1	2	-1	-8	-31	-10	-6	-196	-116
50% Exceedance	299	878	-6	-6	-2	1	-4	-8	7	12	-22	260
60% Exceedance	1,709	798	46	1	0	0	-3	-14	-4	-2	227	1,427
70% Exceedance	1,412	579	4	-1	0	0	0	-3	-1	13	249	1,094
80% Exceedance	1,191	534	2	0	0	0	-1	-1	-2	8	237	854
90% Exceedance	925	128	4	0	0	0	0	0	3	4	222	685
Full Simulation Period Average^a	589	248	2	-3	-8	-13	-42	-60	-22	-17	47	409
Wet Years (27.7%)	1,243	716	2	0	0	0	0	5	0	5	228	891
Above Normal Years (13.9%)	1,510	706	-19	-6	-1	0	-2	-14	0	13	248	1,215
Below Normal Years (17.8%)	26	-183	-17	0	-3	-3	-25	-13	10	-20	-125	-86
Dry Years (23.8%)	-22	-13	-1	-28	8	-14	-25	-35	-1	28	-39	1
Critical Years (15.8%)	92	-207	45	30	-60	-56	-192	-301	-148	-146	-125	28

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

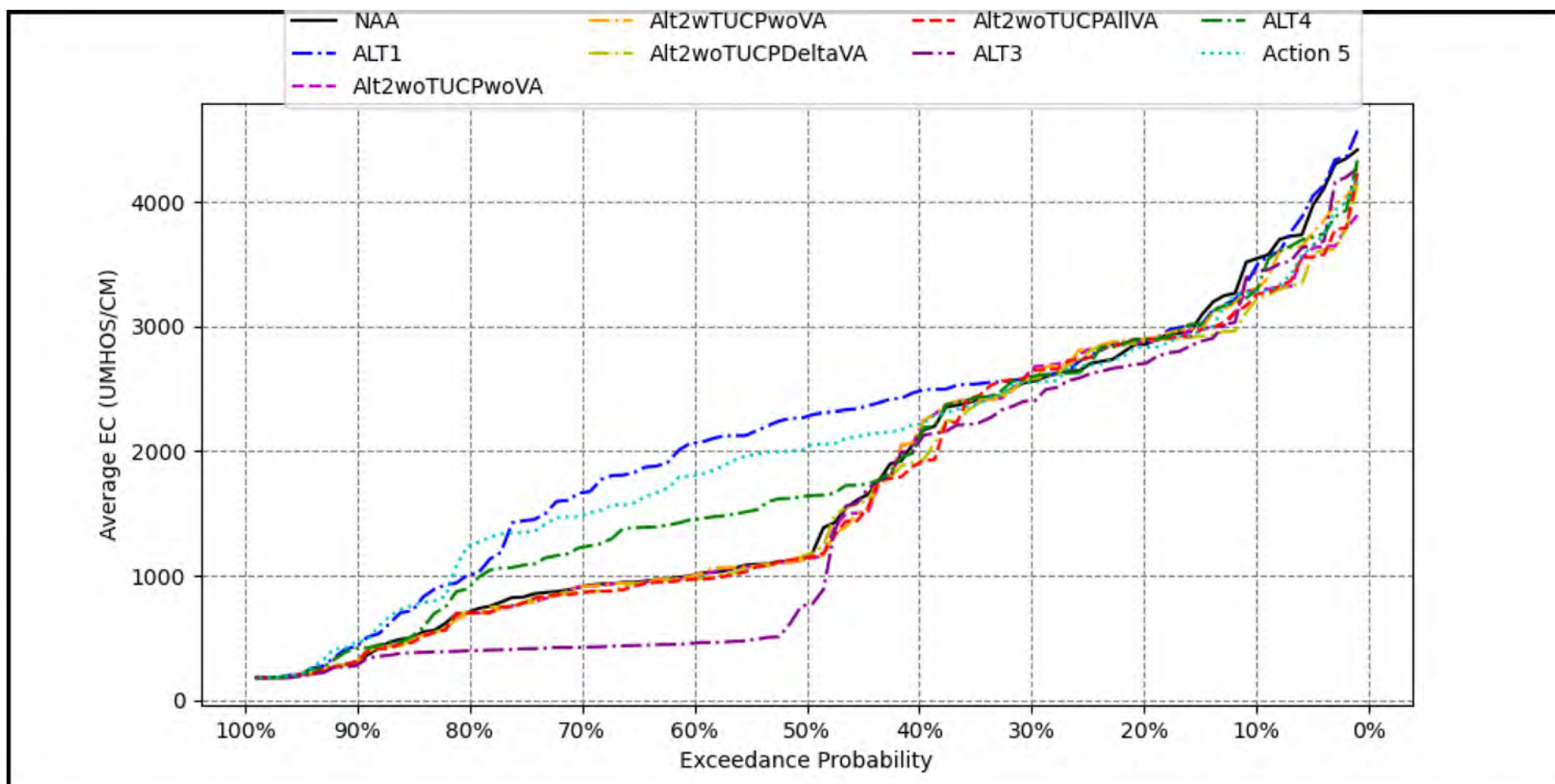
* Water Year Types defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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



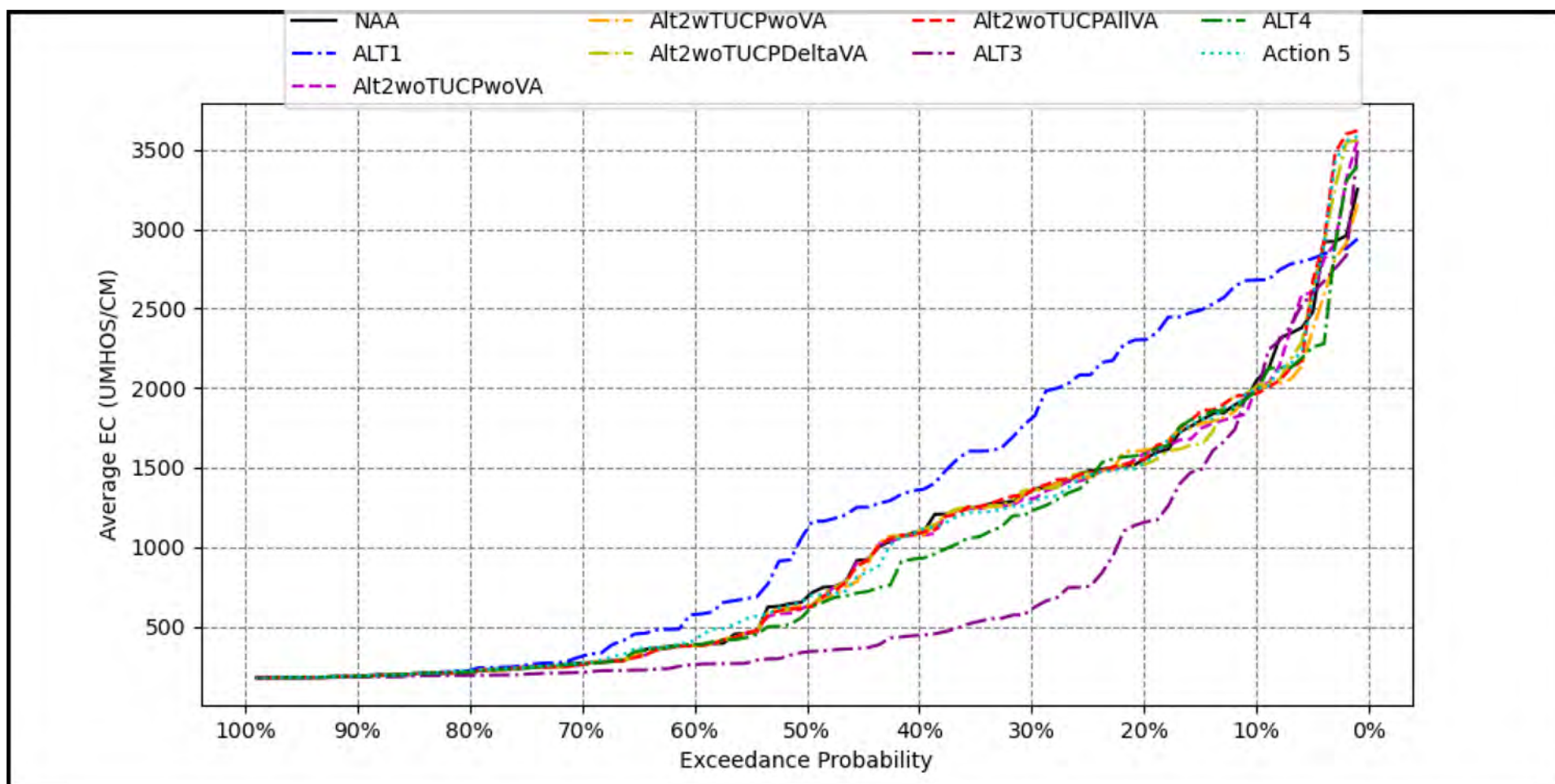
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-6-1 Sacramento River at Emmaton Salinity, October EC



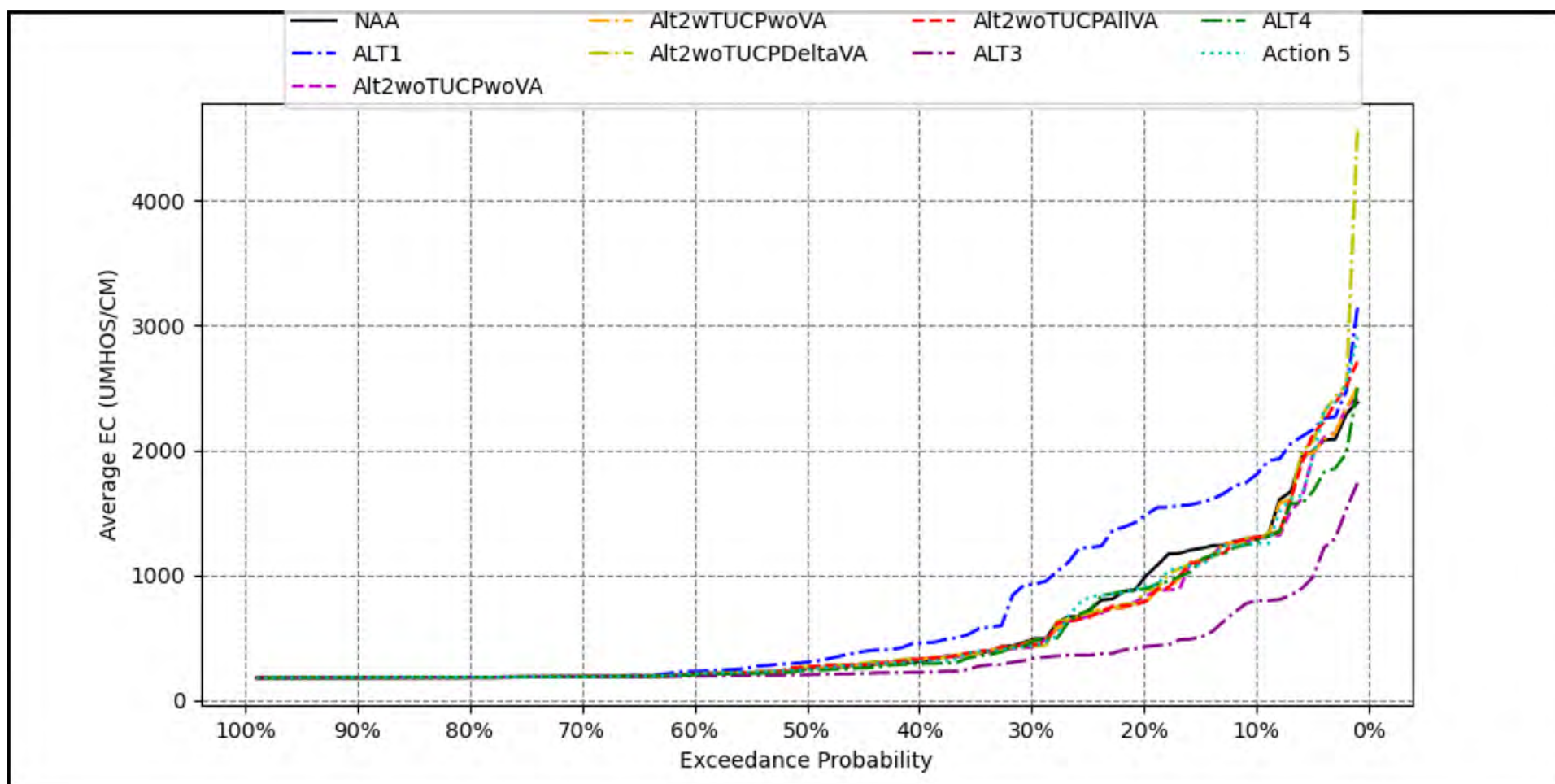
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-6-2 Sacramento River at Emmaton Salinity, November EC



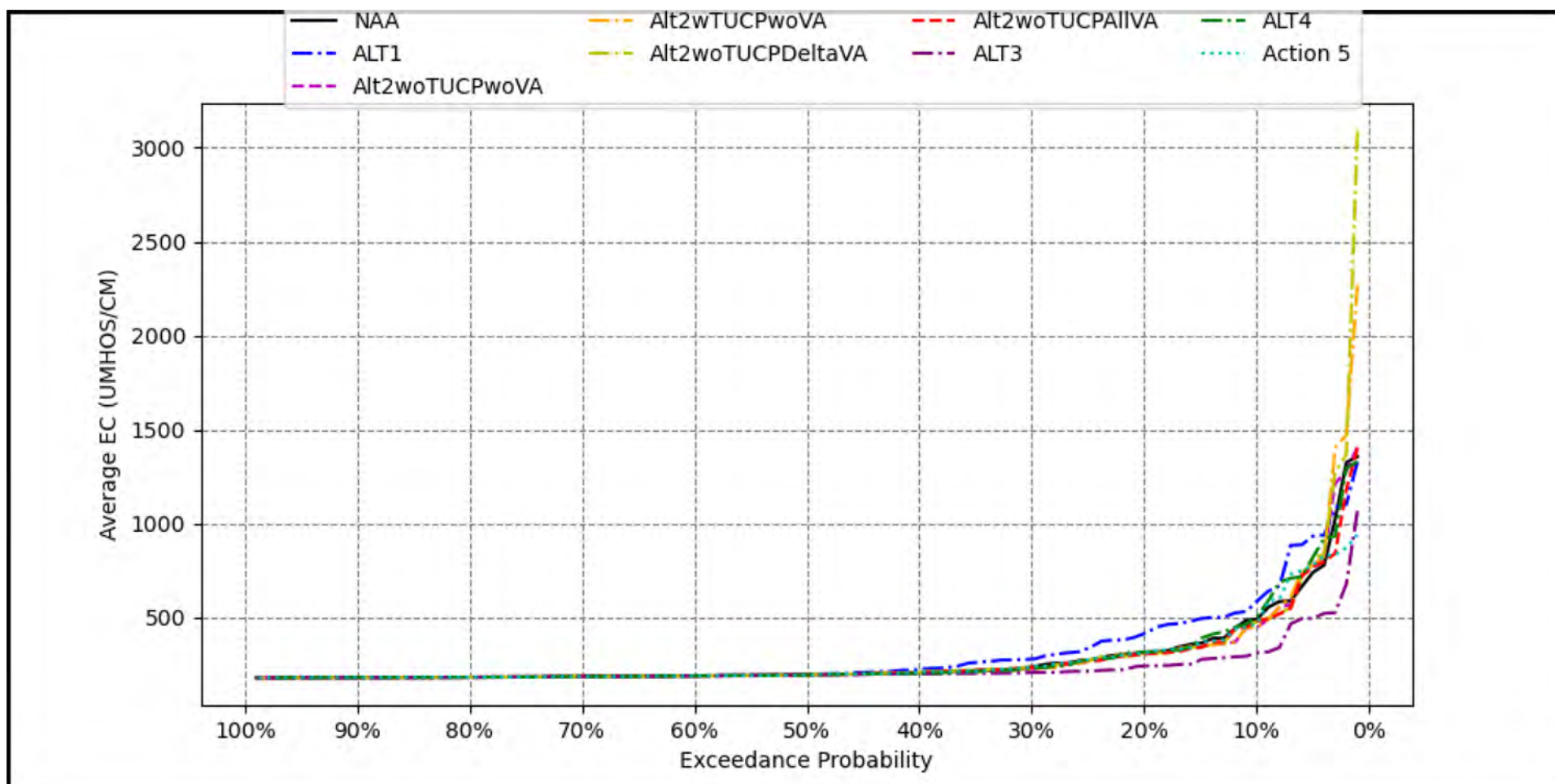
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-6-3 Sacramento River at Emmaton Salinity, December EC



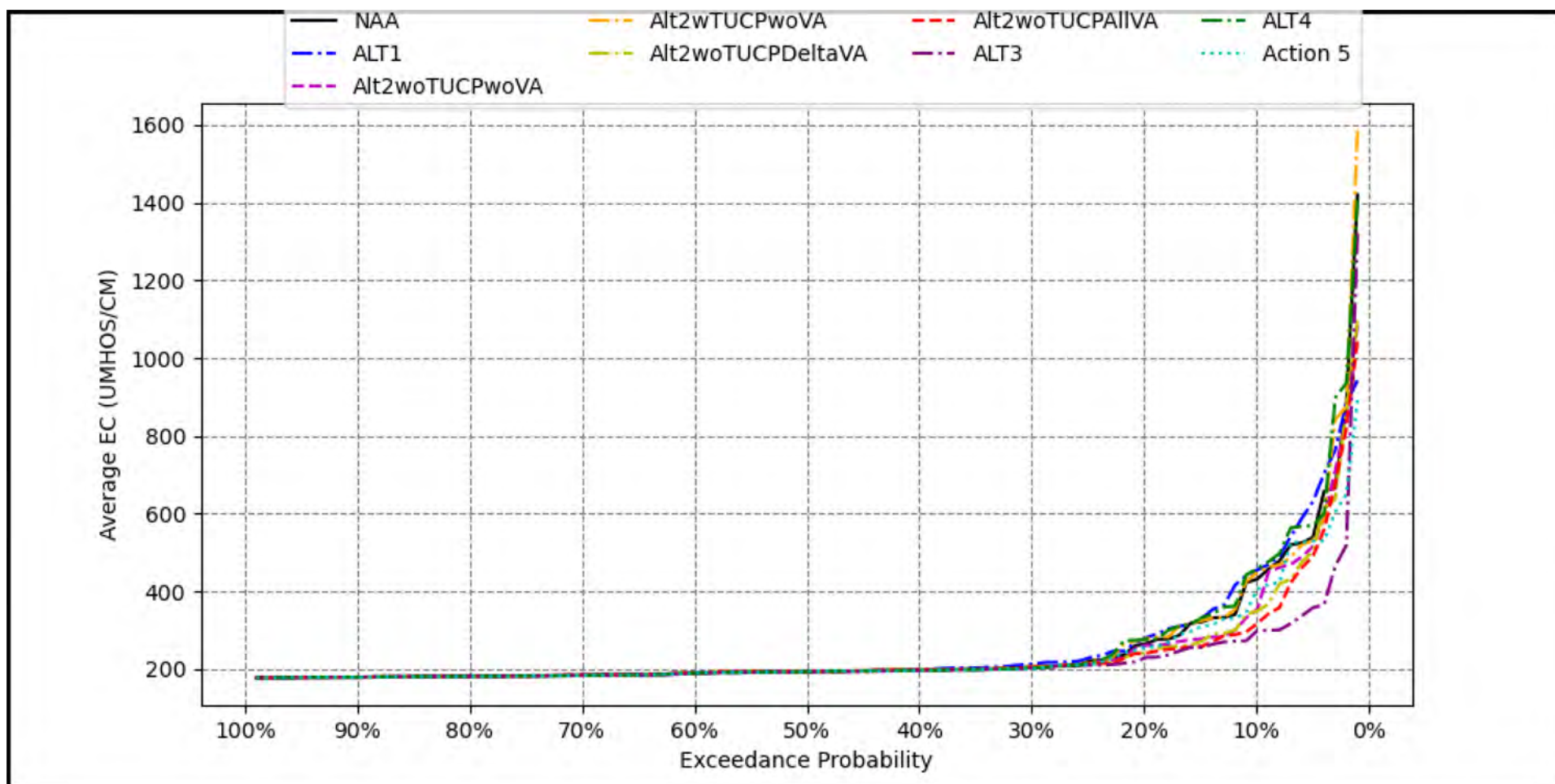
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-6-4 Sacramento River at Emmaton Salinity, January EC



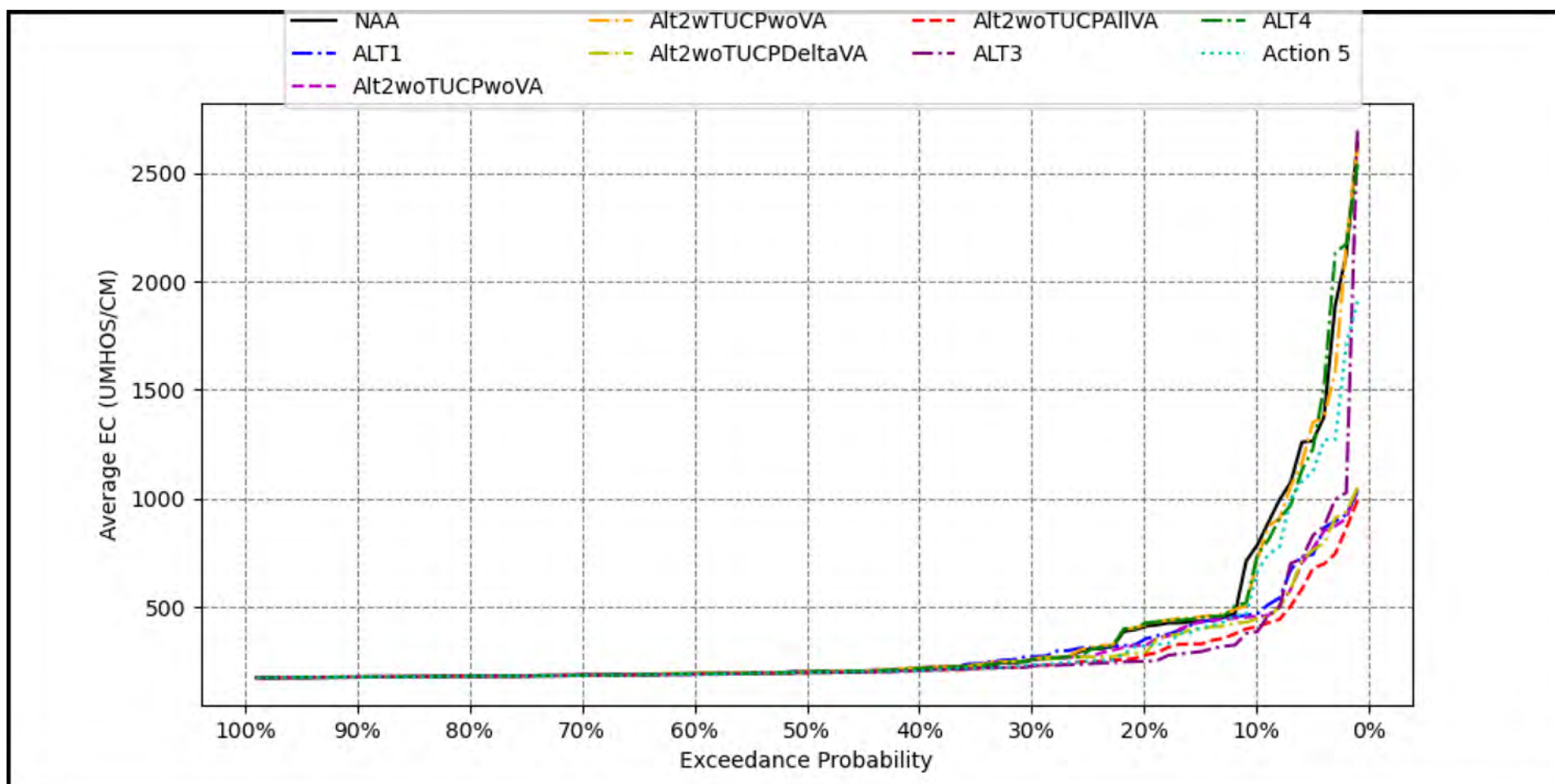
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-6-5 Sacramento River at Emmaton Salinity, February EC



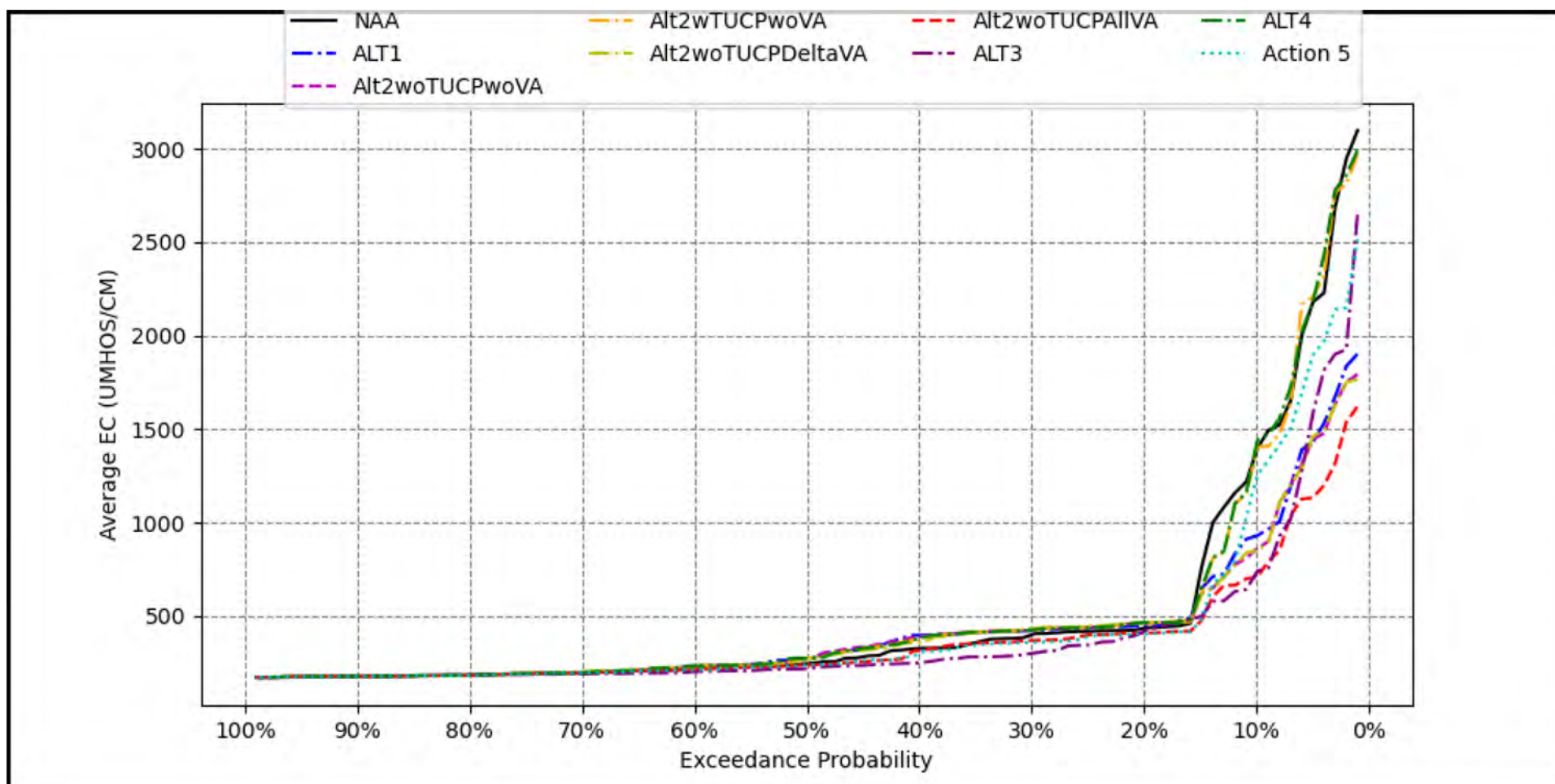
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-6-6 Sacramento River at Emmaton Salinity, March EC



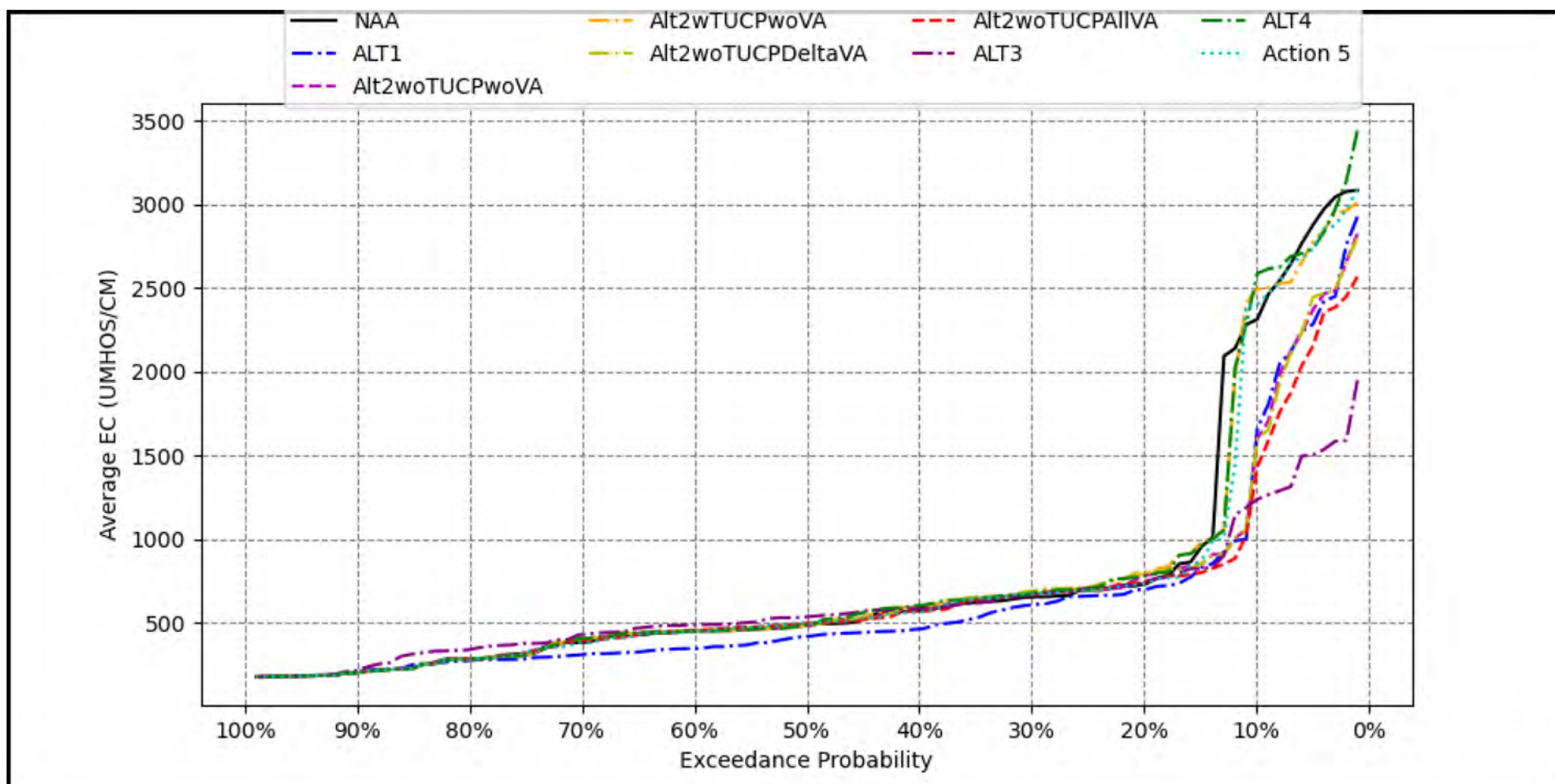
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-6-7 Sacramento River at Emmaton Salinity, April EC



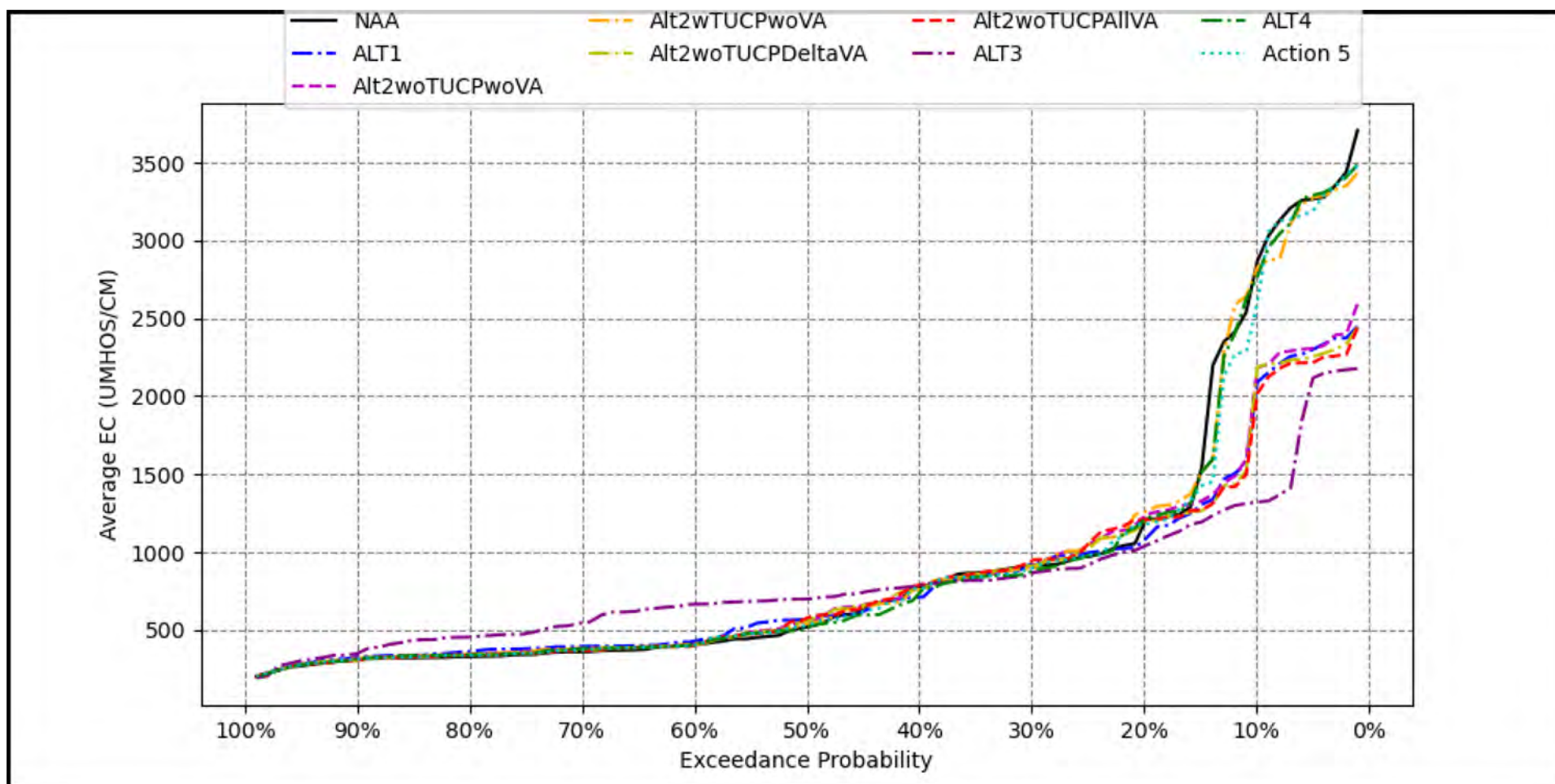
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-6-8 Sacramento River at Emmaton Salinity, May EC



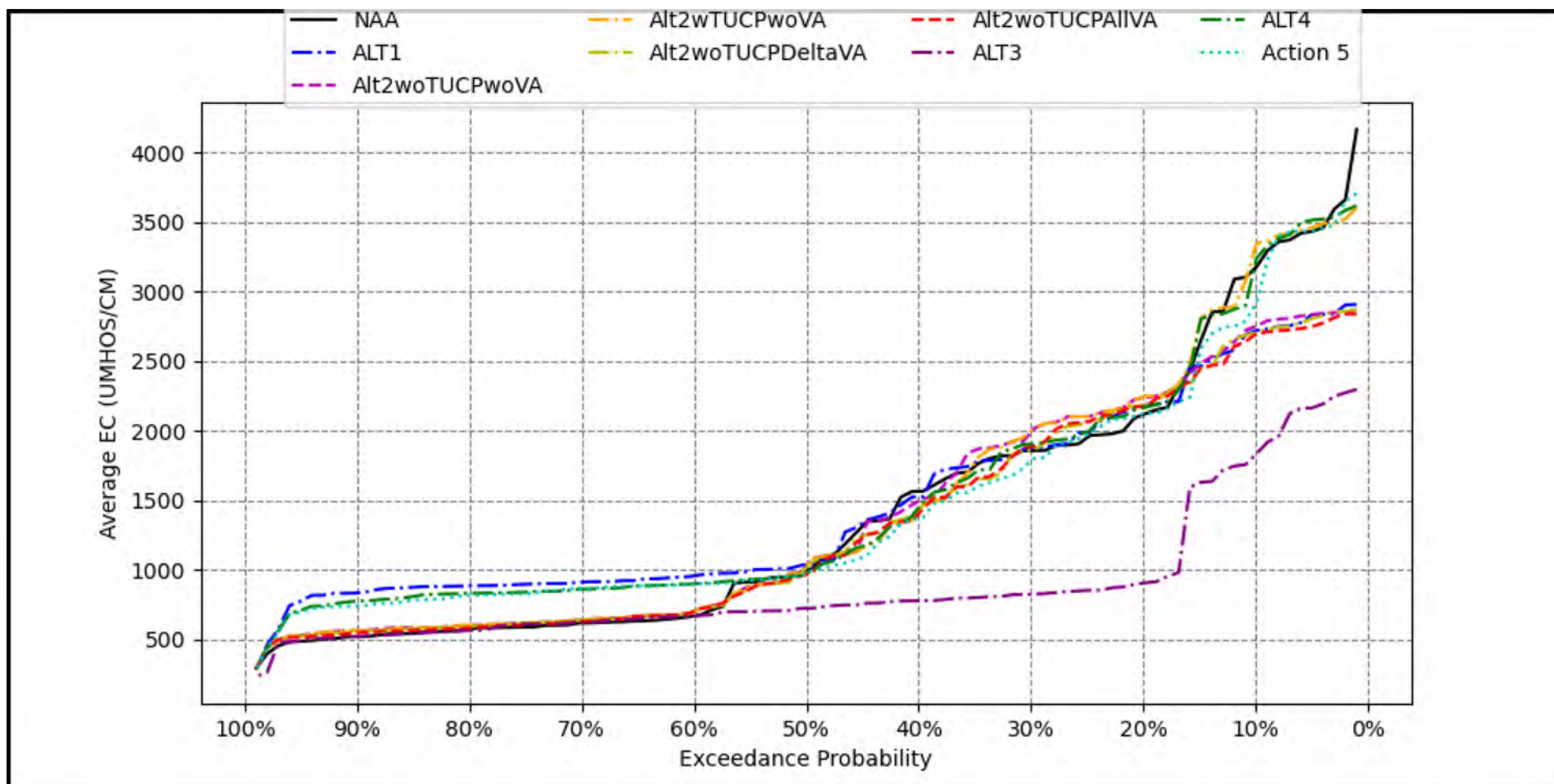
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-6-9 Sacramento River at Emmaton Salinity, June EC



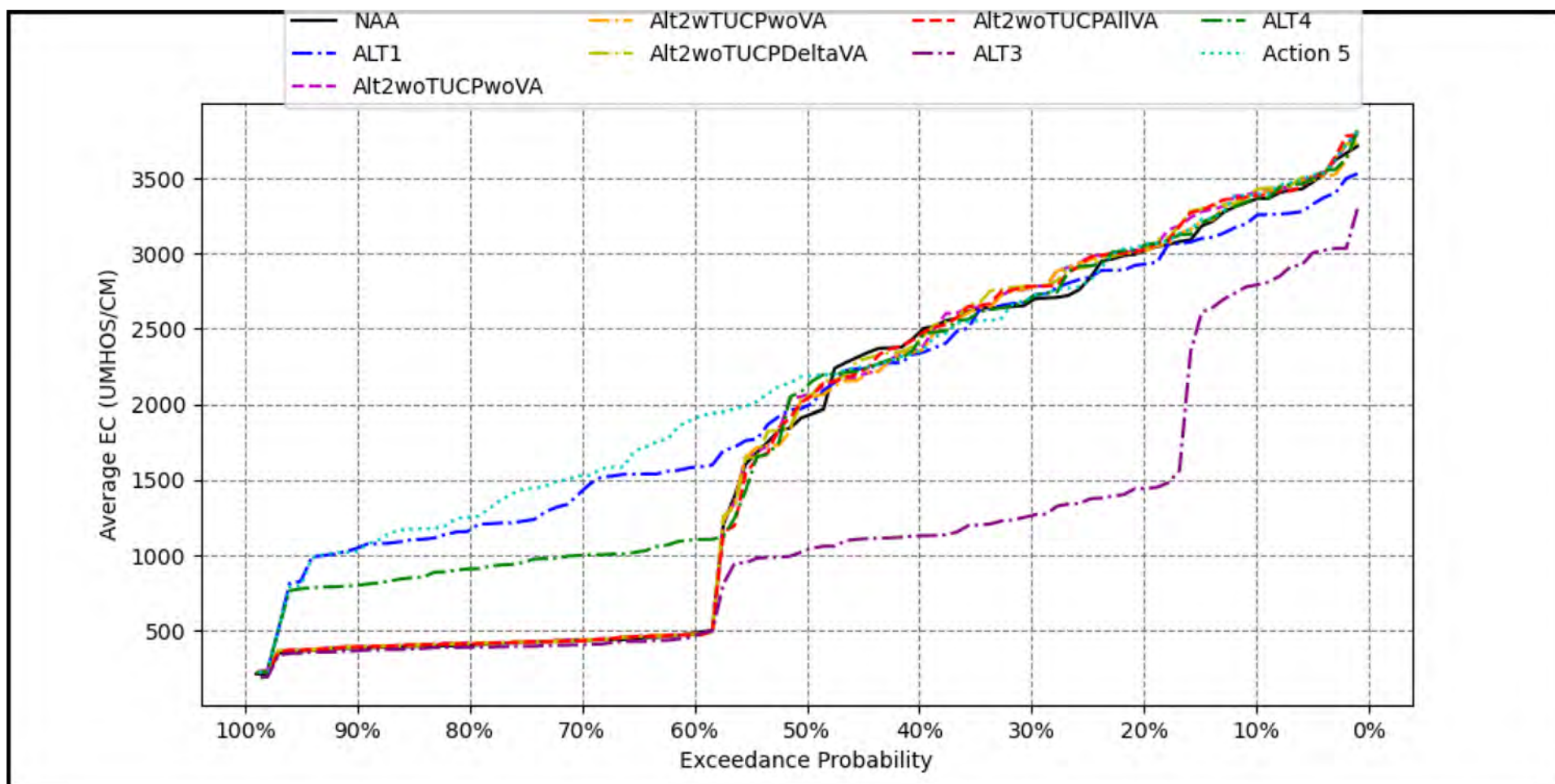
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-6-10 Sacramento River at Emmaton Salinity, July EC



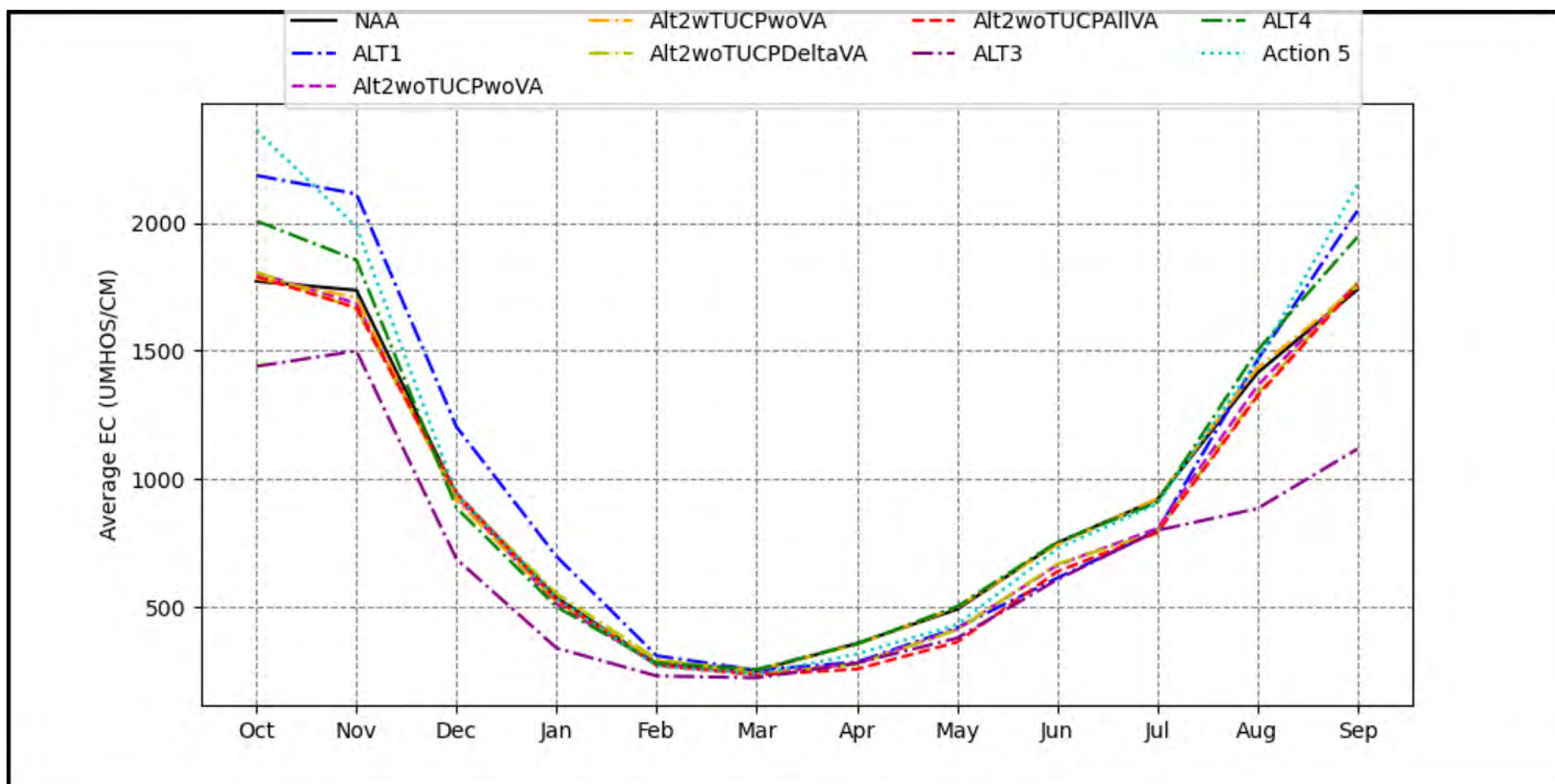
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-6-11 Sacramento River at Emmaton Salinity, August EC



*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-6-12 Sacramento River at Emmaton Salinity, September EC

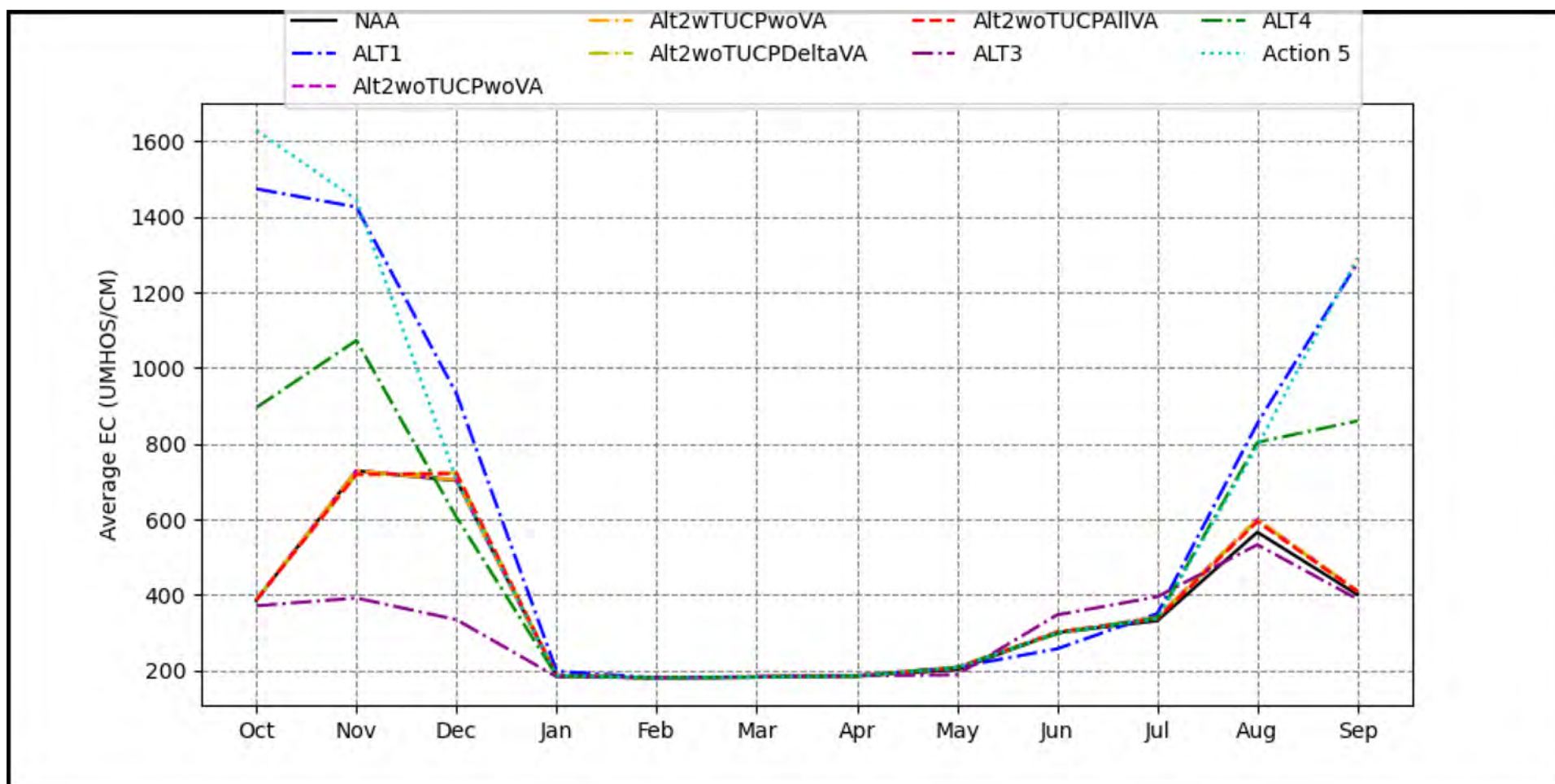


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-6-13 Sacramento River at Emmaton Salinity, Long Term Average EC (UMHOS/CM)

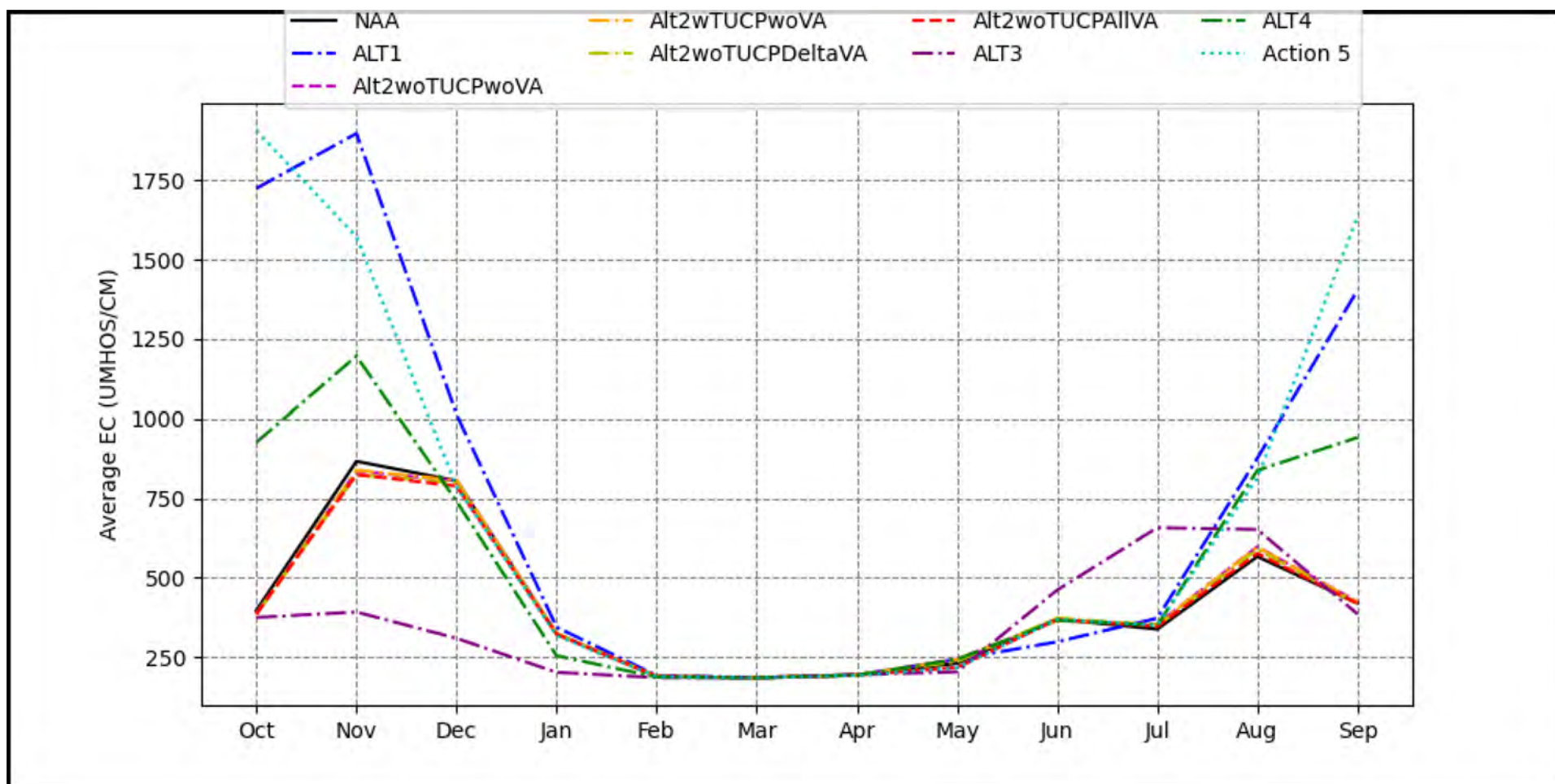


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-6-14 Sacramento River at Emmaton Salinity, Wet Year Average EC (UMHOS/CM)

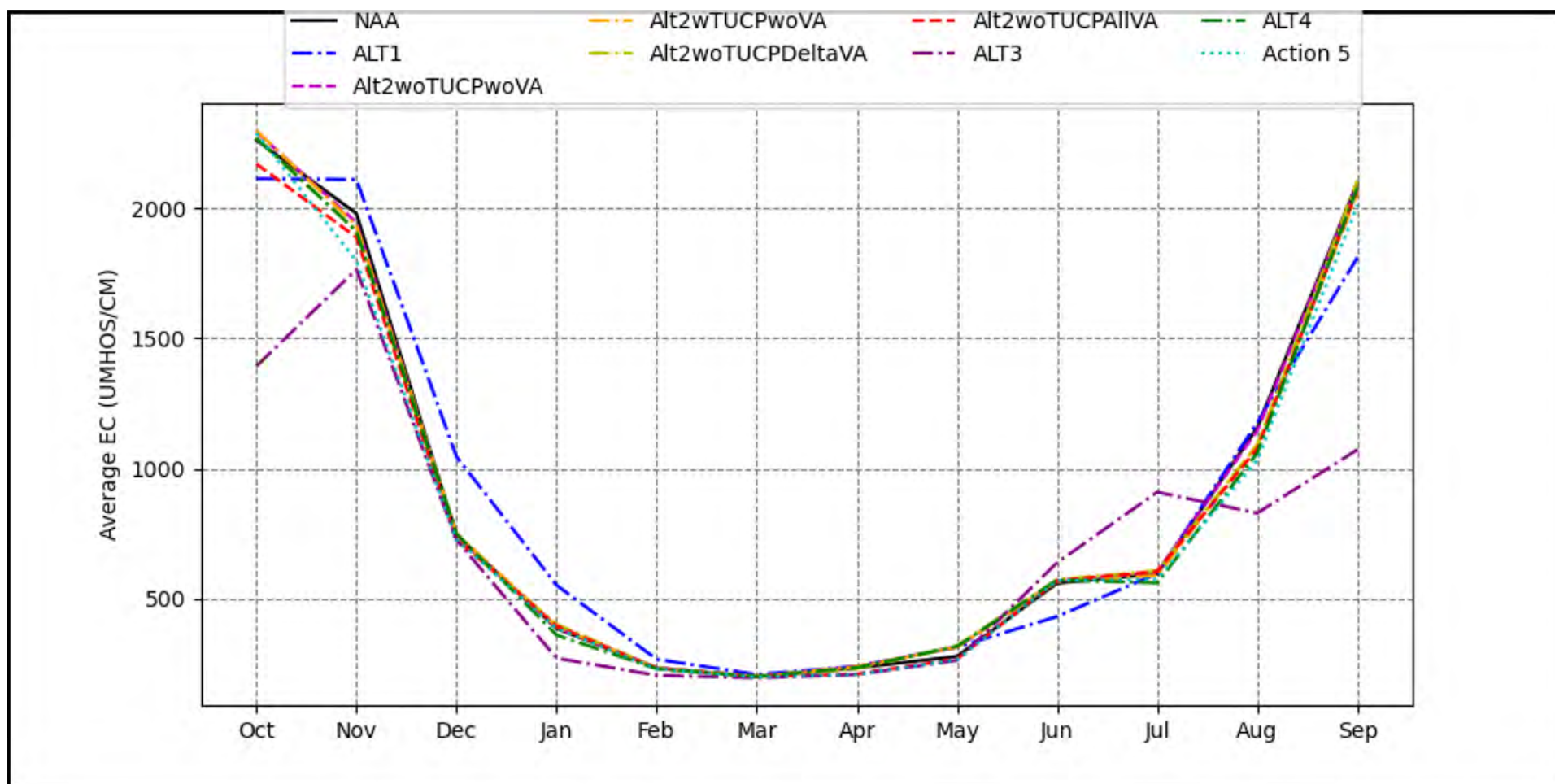


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-6-15 Sacramento River at Emmaton Salinity, Above Normal Year Average EC (UMHOS/CM)

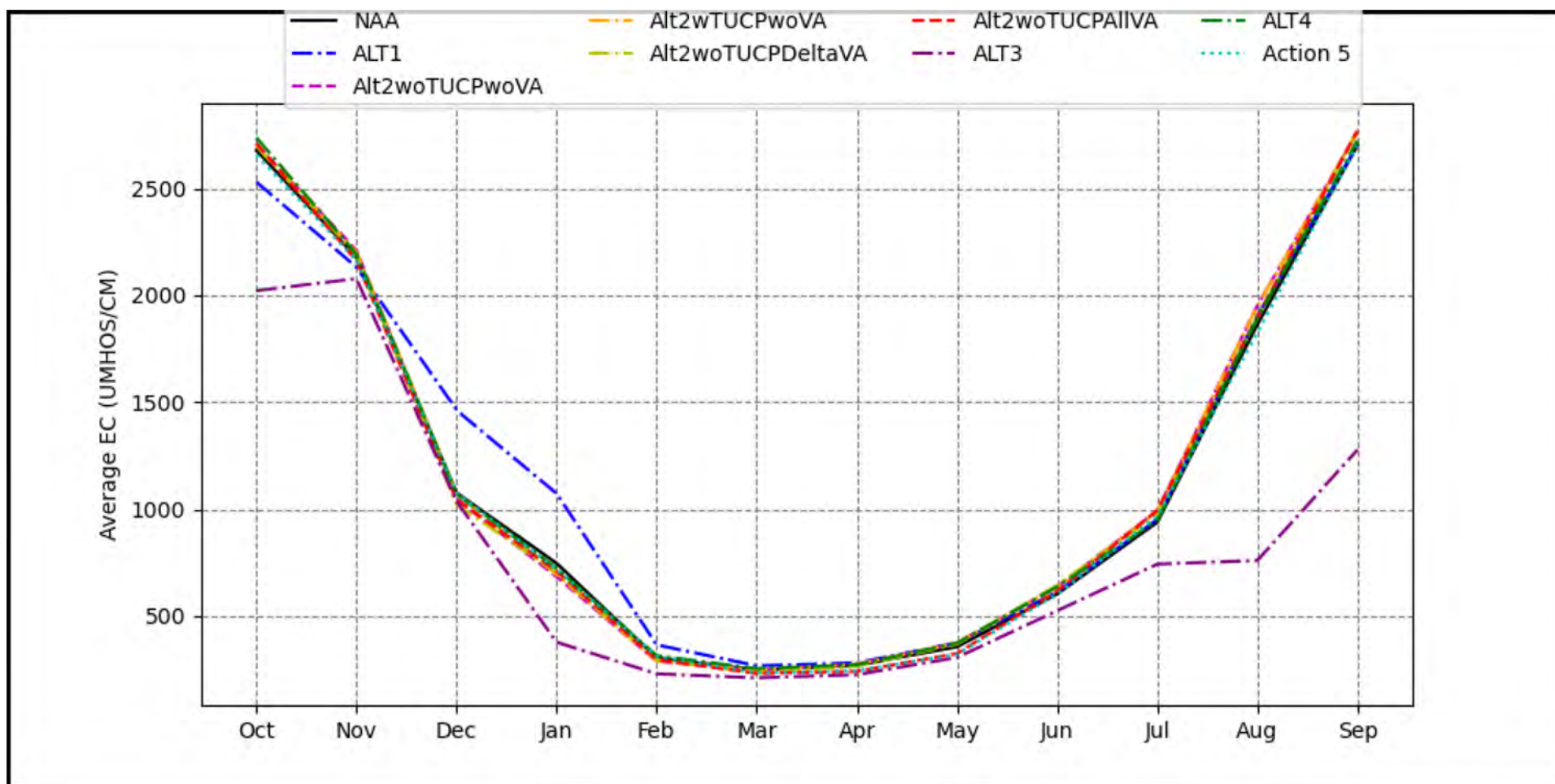


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-6-16 Sacramento River at Emmaton Salinity, Below Normal Year Average EC (UMHOS/CM)

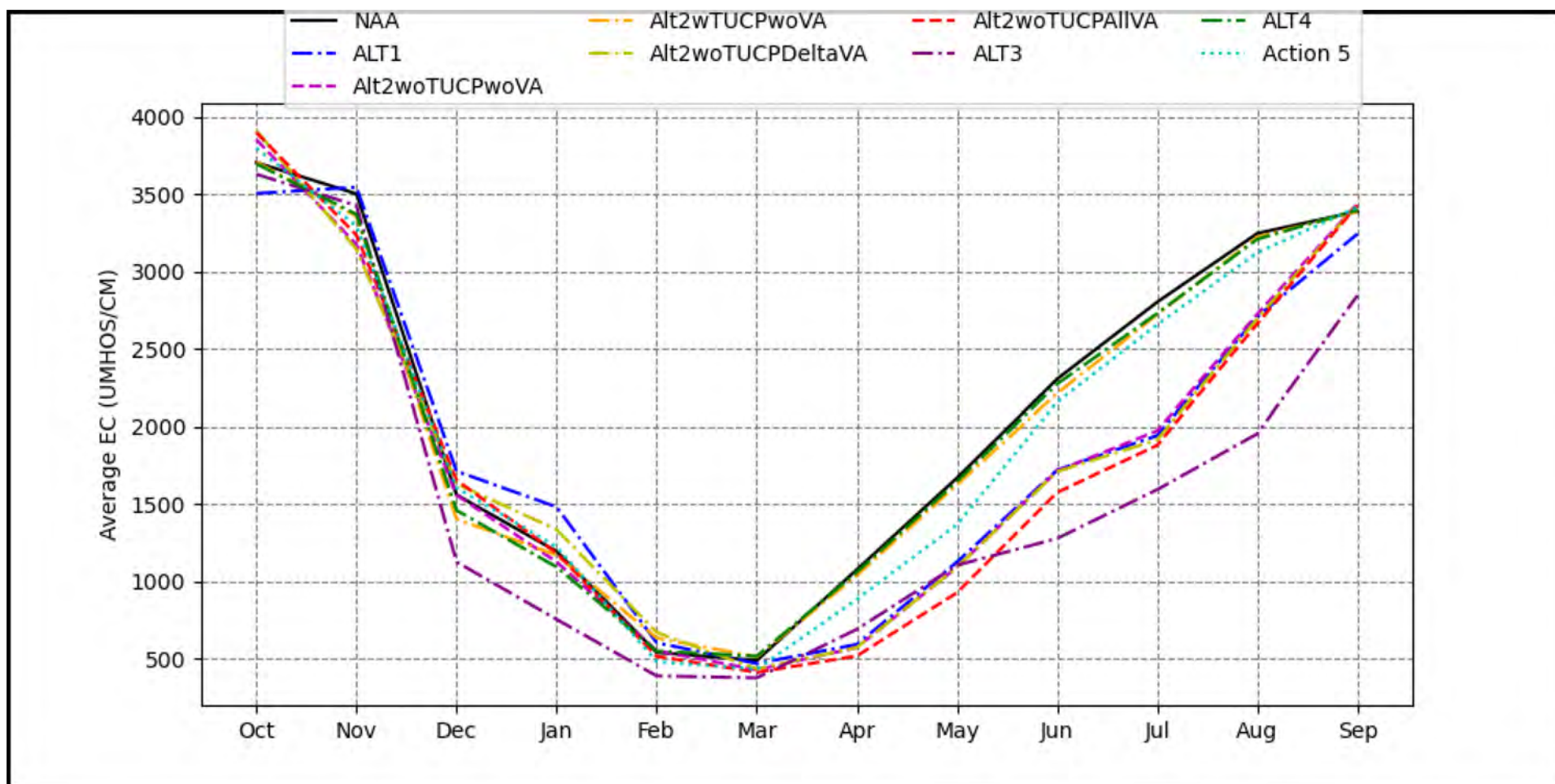


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-6-17 Sacramento River at Emmaton Salinity, Dry Year Average EC (UMHOS/CM)



*As defined by the 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 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-6-18 Sacramento River at Emmaton Salinity, Critical Year Average EC (UMHOS/CM)

F.2.5-7 Sacramento River at Rio Vista Salinity

Table F.2.5-7-1 a. Sacramento River at Rio Vista Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	477	491	342	268	209	202	218	248	399	411	439	449
20% Exceedance	414	402	288	238	196	193	195	192	207	226	318	391
30% Exceedance	377	368	275	205	191	188	189	190	201	216	286	353
40% Exceedance	343	315	252	192	188	187	188	188	197	206	260	333
50% Exceedance	313	241	221	189	185	185	186	186	193	193	224	299
60% Exceedance	189	225	198	185	183	183	184	184	191	186	201	193
70% Exceedance	187	217	187	181	181	180	181	182	189	185	196	190
80% Exceedance	185	208	182	180	179	179	180	179	185	184	194	189
90% Exceedance	184	188	179	178	178	178	179	178	181	182	191	187
Full Simulation Period Average^a	303	306	244	210	191	188	196	203	227	238	273	293
Wet Years (27.7%)	185	208	221	180	179	180	180	180	185	184	194	188
Above Normal Years (13.9%)	186	215	232	192	182	181	182	183	188	183	194	189
Below Normal Years (17.8%)	334	315	223	197	189	186	187	185	198	197	233	313
Dry Years (23.8%)	367	340	257	226	195	190	189	189	199	218	297	355
Critical Years (15.8%)	498	518	305	269	214	210	256	302	411	459	490	451

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-1 b. Sacramento River at Rio Vista Salinity, ALT1, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	487	504	427	321	216	205	201	225	246	284	408	429
20% Exceedance	403	420	377	288	204	196	193	192	204	226	337	406
30% Exceedance	374	389	320	235	194	189	190	191	199	217	302	378
40% Exceedance	359	367	278	200	188	186	187	190	191	205	273	329
50% Exceedance	335	346	254	192	185	185	185	187	188	197	229	313
60% Exceedance	308	326	213	185	182	183	184	183	186	188	222	274
70% Exceedance	287	291	188	181	181	180	181	181	184	186	218	256
80% Exceedance	265	231	182	180	179	179	180	179	183	185	214	239
90% Exceedance	249	197	179	178	178	179	179	178	181	183	210	232
Full Simulation Period Average^a	341	352	276	226	193	189	188	195	210	218	272	320
Wet Years (27.7%)	271	274	247	180	179	180	180	180	182	184	212	249
Above Normal Years (13.9%)	292	316	252	194	182	181	182	183	184	185	216	259
Below Normal Years (17.8%)	330	343	257	209	191	186	186	186	190	198	241	293
Dry Years (23.8%)	364	348	308	259	201	192	189	189	199	220	306	375
Critical Years (15.8%)	499	549	326	306	220	211	210	250	323	322	409	448

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-1 c. Sacramento River at Rio Vista Salinity, ALT1 Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	10	13	85	54	7	2	-17	-24	-153	-127	-31	-20
20% Exceedance	-11	18	90	50	8	3	-2	0	-4	0	20	14
30% Exceedance	-3	21	45	30	3	0	0	1	-2	1	16	25
40% Exceedance	16	52	26	8	1	-1	-1	2	-6	-1	13	-4
50% Exceedance	22	106	34	4	0	0	0	1	-5	4	5	13
60% Exceedance	120	101	15	0	0	0	0	0	-5	2	21	81
70% Exceedance	100	74	1	0	0	0	0	-1	-4	1	22	66
80% Exceedance	80	23	0	0	0	0	0	0	-2	1	20	51
90% Exceedance	64	9	0	0	0	0	0	0	0	1	18	45
Full Simulation Period Average^a	39	46	32	16	3	1	-7	-8	-17	-21	-1	28
Wet Years (27.7%)	86	66	26	0	0	0	0	0	-3	1	18	61
Above Normal Years (13.9%)	106	101	21	2	0	0	0	0	-4	2	22	70
Below Normal Years (17.8%)	-4	28	34	12	2	0	0	1	-8	1	8	-20
Dry Years (23.8%)	-3	7	51	33	6	2	0	0	0	2	10	20
Critical Years (15.8%)	1	32	21	37	6	1	-46	-52	-88	-137	-81	-3

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-2 a. Sacramento River at Rio Vista Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	477	491	342	268	209	202	218	248	399	411	439	449
20% Exceedance	414	402	288	238	196	193	195	192	207	226	318	391
30% Exceedance	377	368	275	205	191	188	189	190	201	216	286	353
40% Exceedance	343	315	252	192	188	187	188	188	197	206	260	333
50% Exceedance	313	241	221	189	185	185	186	186	193	193	224	299
60% Exceedance	189	225	198	185	183	183	184	184	191	186	201	193
70% Exceedance	187	217	187	181	181	180	181	182	189	185	196	190
80% Exceedance	185	208	182	180	179	179	180	179	185	184	194	189
90% Exceedance	184	188	179	178	178	178	179	178	181	182	191	187
Full Simulation Period Average^a	303	306	244	210	191	188	196	203	227	238	273	293
Wet Years (27.7%)	185	208	221	180	179	180	180	180	185	184	194	188
Above Normal Years (13.9%)	186	215	232	192	182	181	182	183	188	183	194	189
Below Normal Years (17.8%)	334	315	223	197	189	186	187	185	198	197	233	313
Dry Years (23.8%)	367	340	257	226	195	190	189	189	199	218	297	355
Critical Years (15.8%)	498	518	305	269	214	210	256	302	411	459	490	451

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-2 b. Sacramento River at Rio Vista Salinity, Alt2woTUCPwoVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	511	447	334	266	205	199	199	217	249	289	408	439
20% Exceedance	414	409	289	225	196	193	193	193	207	242	339	390
30% Exceedance	387	374	270	205	192	188	189	191	202	218	309	358
40% Exceedance	344	310	252	193	188	187	187	190	198	207	262	331
50% Exceedance	311	239	214	189	185	185	185	186	193	195	225	306
60% Exceedance	189	222	198	185	183	183	183	183	191	186	203	194
70% Exceedance	187	216	187	181	181	180	181	181	190	185	198	191
80% Exceedance	185	206	182	180	179	179	180	179	185	184	197	189
90% Exceedance	184	189	179	178	178	178	179	178	181	182	194	187
Full Simulation Period Average^a	307	299	243	208	191	188	188	194	214	219	265	294
Wet Years (27.7%)	186	208	222	180	179	180	180	180	184	184	196	189
Above Normal Years (13.9%)	186	213	231	192	182	181	182	183	188	184	197	190
Below Normal Years (17.8%)	336	313	223	197	189	186	187	186	198	197	235	309
Dry Years (23.8%)	371	346	254	222	194	190	189	189	201	223	310	363
Critical Years (15.8%)	518	466	307	264	215	206	207	245	323	328	414	451

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-2 c. Sacramento River at Rio Vista Salinity, Alt2woTUCPwoVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	34	-43	-8	-2	-4	-3	-18	-32	-150	-122	-31	-10
20% Exceedance	0	7	2	-12	0	0	-2	1	-1	16	21	-1
30% Exceedance	10	6	-5	1	1	0	-1	1	1	2	23	6
40% Exceedance	1	-6	1	1	0	0	0	2	1	1	2	-2
50% Exceedance	-3	-1	-6	1	0	0	0	0	-1	1	1	7
60% Exceedance	0	-2	0	0	0	0	0	0	0	0	1	1
70% Exceedance	0	-1	0	0	0	0	0	0	1	1	2	0
80% Exceedance	0	-2	0	0	0	0	0	0	0	1	3	1
90% Exceedance	0	1	0	0	0	0	0	0	0	0	3	1
Full Simulation Period Average^a	4	-7	0	-2	0	-1	-8	-9	-14	-19	-8	2
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	2	1
Above Normal Years (13.9%)	0	-2	-1	0	0	0	0	0	0	1	3	0
Below Normal Years (17.8%)	2	-2	0	0	0	0	0	1	0	1	2	-3
Dry Years (23.8%)	3	5	-3	-4	-1	0	0	0	2	5	13	8
Critical Years (15.8%)	20	-51	2	-5	1	-4	-48	-58	-88	-131	-76	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-3 a. Sacramento River at Rio Vista Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	477	491	342	268	209	202	218	248	399	411	439	449
20% Exceedance	414	402	288	238	196	193	195	192	207	226	318	391
30% Exceedance	377	368	275	205	191	188	189	190	201	216	286	353
40% Exceedance	343	315	252	192	188	187	188	188	197	206	260	333
50% Exceedance	313	241	221	189	185	185	186	186	193	193	224	299
60% Exceedance	189	225	198	185	183	183	184	184	191	186	201	193
70% Exceedance	187	217	187	181	181	180	181	182	189	185	196	190
80% Exceedance	185	208	182	180	179	179	180	179	185	184	194	189
90% Exceedance	184	188	179	178	178	178	179	178	181	182	191	187
Full Simulation Period Average^a	303	306	244	210	191	188	196	203	227	238	273	293
Wet Years (27.7%)	185	208	221	180	179	180	180	180	185	184	194	188
Above Normal Years (13.9%)	186	215	232	192	182	181	182	183	188	183	194	189
Below Normal Years (17.8%)	334	315	223	197	189	186	187	185	198	197	233	313
Dry Years (23.8%)	367	340	257	226	195	190	189	189	199	218	297	355
Critical Years (15.8%)	498	518	305	269	214	210	256	302	411	459	490	451

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-3 b. Sacramento River at Rio Vista Salinity, Alt2wTUCPwoVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	483	470	328	265	205	202	205	249	389	449	458	444
20% Exceedance	415	414	290	228	196	194	196	193	209	242	339	388
30% Exceedance	387	369	273	206	191	188	189	191	202	218	307	359
40% Exceedance	344	311	253	192	188	187	187	189	198	206	255	328
50% Exceedance	312	240	216	189	185	185	185	185	193	194	225	297
60% Exceedance	189	222	198	185	183	183	183	183	191	186	203	194
70% Exceedance	187	216	187	181	181	180	181	181	190	185	198	191
80% Exceedance	185	206	182	180	179	179	180	179	185	184	197	189
90% Exceedance	184	187	179	178	178	178	179	178	181	183	194	187
Full Simulation Period Average^a	304	302	241	209	192	189	195	203	225	238	277	294
Wet Years (27.7%)	186	208	221	180	179	180	180	180	184	184	196	189
Above Normal Years (13.9%)	185	214	231	192	182	181	182	183	188	184	197	190
Below Normal Years (17.8%)	337	312	224	197	189	186	187	186	198	197	230	307
Dry Years (23.8%)	370	345	256	223	194	190	189	189	201	223	310	363
Critical Years (15.8%)	496	485	285	269	223	212	252	299	395	448	490	451

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-3 c. Sacramento River at Rio Vista Salinity, Alt2wTUCPwoVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6	-21	-14	-2	-4	0	-13	0	-10	38	19	-5
20% Exceedance	0	12	2	-10	0	0	1	0	2	16	21	-3
30% Exceedance	10	1	-2	1	0	0	-1	1	2	2	21	6
40% Exceedance	1	-5	1	0	0	0	0	1	1	-1	-4	-6
50% Exceedance	-2	-1	-5	0	0	0	0	-1	-1	1	1	-2
60% Exceedance	0	-2	0	0	0	0	0	0	0	0	1	1
70% Exceedance	0	-1	0	0	0	0	0	0	1	1	2	0
80% Exceedance	0	-2	0	0	0	0	0	0	0	1	3	1
90% Exceedance	-1	0	0	0	0	0	0	0	0	0	3	1
Full Simulation Period Average^a	1	-4	-3	-1	1	0	-1	0	-2	0	4	1
Wet Years (27.7%)	0	0	0	0	0	0	0	0	0	0	2	1
Above Normal Years (13.9%)	-1	-1	-1	0	0	0	0	0	0	1	3	0
Below Normal Years (17.8%)	3	-3	1	0	0	0	0	1	0	0	-2	-5
Dry Years (23.8%)	3	4	-1	-3	-1	0	0	0	2	5	13	8
Critical Years (15.8%)	-2	-32	-20	1	9	2	-4	-4	-16	-11	0	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-4 a. Sacramento River at Rio Vista Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	477	491	342	268	209	202	218	248	399	411	439	449
20% Exceedance	414	402	288	238	196	193	195	192	207	226	318	391
30% Exceedance	377	368	275	205	191	188	189	190	201	216	286	353
40% Exceedance	343	315	252	192	188	187	188	188	197	206	260	333
50% Exceedance	313	241	221	189	185	185	186	186	193	193	224	299
60% Exceedance	189	225	198	185	183	183	184	184	191	186	201	193
70% Exceedance	187	217	187	181	181	180	181	182	189	185	196	190
80% Exceedance	185	208	182	180	179	179	180	179	185	184	194	189
90% Exceedance	184	188	179	178	178	178	179	178	181	182	191	187
Full Simulation Period Average^a	303	306	244	210	191	188	196	203	227	238	273	293
Wet Years (27.7%)	185	208	221	180	179	180	180	180	185	184	194	188
Above Normal Years (13.9%)	186	215	232	192	182	181	182	183	188	183	194	189
Below Normal Years (17.8%)	334	315	223	197	189	186	187	185	198	197	233	313
Dry Years (23.8%)	367	340	257	226	195	190	189	189	199	218	297	355
Critical Years (15.8%)	498	518	305	269	214	210	256	302	411	459	490	451

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-4 b. Sacramento River at Rio Vista Salinity, Alt2woTUCPDeltaVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	521	433	337	265	206	197	199	218	248	279	397	439
20% Exceedance	403	414	286	229	196	194	195	194	210	234	330	393
30% Exceedance	385	368	274	206	192	188	190	192	203	217	298	362
40% Exceedance	343	297	254	193	188	187	188	191	199	208	256	342
50% Exceedance	312	242	215	190	185	185	185	186	193	194	224	301
60% Exceedance	189	221	198	185	183	183	184	184	192	187	202	193
70% Exceedance	187	215	187	181	181	180	181	182	190	185	198	191
80% Exceedance	185	206	182	180	179	179	180	179	185	184	196	189
90% Exceedance	184	189	179	178	178	178	179	178	181	182	194	187
Full Simulation Period Average^a	307	297	244	214	193	188	189	195	214	217	262	295
Wet Years (27.7%)	186	208	224	180	179	180	180	180	185	184	196	189
Above Normal Years (13.9%)	186	213	231	192	182	181	183	184	188	184	196	189
Below Normal Years (17.8%)	333	309	221	198	189	186	188	187	198	198	230	312
Dry Years (23.8%)	370	343	251	223	194	190	190	190	202	221	302	366
Critical Years (15.8%)	527	462	317	297	228	206	208	244	322	318	408	450

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-4 c. Sacramento River at Rio Vista Salinity, Alt2woTUCPDeltaVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	44	-57	-4	-2	-3	-5	-19	-31	-151	-132	-42	-10
20% Exceedance	-11	12	-1	-9	0	0	-1	2	2	8	12	2
30% Exceedance	8	0	-1	1	2	0	1	2	2	1	12	9
40% Exceedance	0	-19	3	1	1	0	1	3	2	2	-4	9
50% Exceedance	-1	2	-6	1	0	0	0	0	0	1	0	1
60% Exceedance	0	-4	0	0	0	0	1	1	0	1	1	0
70% Exceedance	0	-2	0	0	0	0	0	0	1	0	2	0
80% Exceedance	0	-2	0	0	0	0	0	0	0	0	1	1
90% Exceedance	0	1	0	0	0	0	0	0	0	0	2	0
Full Simulation Period Average^a	5	-9	1	4	2	-1	-7	-9	-13	-22	-12	3
Wet Years (27.7%)	0	0	3	0	0	0	0	0	0	0	2	1
Above Normal Years (13.9%)	0	-2	-1	0	0	0	1	0	0	1	2	0
Below Normal Years (17.8%)	-1	-5	-1	1	0	0	1	2	0	1	-3	0
Dry Years (23.8%)	2	3	-6	-3	-1	0	1	1	3	3	6	11
Critical Years (15.8%)	29	-55	12	29	14	-4	-48	-58	-89	-141	-82	0

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-5 a. Sacramento River at Rio Vista Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	477	491	342	268	209	202	218	248	399	411	439	449
20% Exceedance	414	402	288	238	196	193	195	192	207	226	318	391
30% Exceedance	377	368	275	205	191	188	189	190	201	216	286	353
40% Exceedance	343	315	252	192	188	187	188	188	197	206	260	333
50% Exceedance	313	241	221	189	185	185	186	186	193	193	224	299
60% Exceedance	189	225	198	185	183	183	184	184	191	186	201	193
70% Exceedance	187	217	187	181	181	180	181	182	189	185	196	190
80% Exceedance	185	208	182	180	179	179	180	179	185	184	194	189
90% Exceedance	184	188	179	178	178	178	179	178	181	182	191	187
Full Simulation Period Average^a	303	306	244	210	191	188	196	203	227	238	273	293
Wet Years (27.7%)	185	208	221	180	179	180	180	180	185	184	194	188
Above Normal Years (13.9%)	186	215	232	192	182	181	182	183	188	183	194	189
Below Normal Years (17.8%)	334	315	223	197	189	186	187	185	198	197	233	313
Dry Years (23.8%)	367	340	257	226	195	190	189	189	199	218	297	355
Critical Years (15.8%)	498	518	305	269	214	210	256	302	411	459	490	451

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-5 b. Sacramento River at Rio Vista Salinity, Alt2woTUCPAIIVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	515	452	337	264	206	197	196	210	240	275	395	437
20% Exceedance	408	414	286	228	195	193	193	192	208	238	329	390
30% Exceedance	384	365	275	206	192	188	188	190	203	218	297	358
40% Exceedance	338	289	252	192	188	187	187	187	197	208	256	334
50% Exceedance	297	240	216	190	184	185	185	185	193	196	223	299
60% Exceedance	188	221	199	185	183	183	183	183	192	187	201	193
70% Exceedance	187	215	187	181	181	181	181	181	189	185	198	191
80% Exceedance	185	206	182	180	179	179	179	179	185	184	195	189
90% Exceedance	184	187	179	178	178	178	179	177	181	182	194	187
Full Simulation Period Average^a	306	298	246	210	190	187	187	191	211	216	260	295
Wet Years (27.7%)	186	208	224	180	179	180	180	180	185	184	196	189
Above Normal Years (13.9%)	186	213	230	192	182	181	182	182	188	184	195	189
Below Normal Years (17.8%)	323	307	221	197	189	186	186	185	198	198	229	310
Dry Years (23.8%)	371	341	253	223	194	190	188	188	201	223	302	366
Critical Years (15.8%)	526	475	321	273	212	205	204	229	305	312	400	450

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-5 c. Sacramento River at Rio Vista Salinity, Alt2woTUCPAIIVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	38	-38	-4	-3	-3	-5	-22	-38	-159	-136	-44	-12
20% Exceedance	-7	12	-2	-10	-1	-1	-2	-1	0	12	11	-1
30% Exceedance	7	-3	0	1	1	0	-1	0	2	2	11	5
40% Exceedance	-5	-26	1	0	0	0	-1	-1	0	1	-4	1
50% Exceedance	-16	-1	-5	1	0	0	-1	-1	0	3	-2	0
60% Exceedance	0	-3	0	0	0	0	0	-1	1	1	0	0
70% Exceedance	0	-2	0	0	0	0	0	-1	0	0	2	0
80% Exceedance	0	-2	0	0	0	0	0	0	0	0	1	1
90% Exceedance	-1	0	0	0	0	0	0	0	0	0	2	0
Full Simulation Period Average^a	3	-8	2	0	0	-1	-9	-12	-17	-22	-13	2
Wet Years (27.7%)	0	0	3	0	0	0	0	0	0	0	1	1
Above Normal Years (13.9%)	-1	-2	-2	0	0	0	0	-1	0	1	2	0
Below Normal Years (17.8%)	-11	-7	-1	0	0	0	-1	-1	1	1	-4	-3
Dry Years (23.8%)	4	1	-4	-3	-1	0	-1	-1	2	5	5	11
Critical Years (15.8%)	27	-43	16	4	-1	-5	-52	-74	-106	-147	-90	-1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-6 a. Sacramento River at Rio Vista Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	477	491	342	268	209	202	218	248	399	411	439	449
20% Exceedance	414	402	288	238	196	193	195	192	207	226	318	391
30% Exceedance	377	368	275	205	191	188	189	190	201	216	286	353
40% Exceedance	343	315	252	192	188	187	188	188	197	206	260	333
50% Exceedance	313	241	221	189	185	185	186	186	193	193	224	299
60% Exceedance	189	225	198	185	183	183	184	184	191	186	201	193
70% Exceedance	187	217	187	181	181	180	181	182	189	185	196	190
80% Exceedance	185	208	182	180	179	179	180	179	185	184	194	189
90% Exceedance	184	188	179	178	178	178	179	178	181	182	191	187
Full Simulation Period Average^a	303	306	244	210	191	188	196	203	227	238	273	293
Wet Years (27.7%)	185	208	221	180	179	180	180	180	185	184	194	188
Above Normal Years (13.9%)	186	215	232	192	182	181	182	183	188	183	194	189
Below Normal Years (17.8%)	334	315	223	197	189	186	187	185	198	197	233	313
Dry Years (23.8%)	367	340	257	226	195	190	189	189	199	218	297	355
Critical Years (15.8%)	498	518	305	269	214	210	256	302	411	459	490	451

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-6 b. Sacramento River at Rio Vista Salinity, ALT3, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	473	475	311	221	198	198	198	210	254	255	281	382
20% Exceedance	310	384	254	198	192	191	192	195	218	225	209	247
30% Exceedance	291	347	210	193	189	188	189	190	212	213	207	231
40% Exceedance	257	305	199	189	186	186	187	187	210	208	204	220
50% Exceedance	243	214	191	185	184	185	184	185	205	204	201	213
60% Exceedance	189	193	186	183	182	182	183	183	201	200	199	190
70% Exceedance	185	190	183	180	180	180	180	180	197	197	197	185
80% Exceedance	184	188	181	180	179	179	179	178	191	193	194	184
90% Exceedance	183	184	179	178	178	178	178	177	182	188	192	183
Full Simulation Period Average^a	267	287	222	193	187	187	190	195	212	216	217	234
Wet Years (27.7%)	185	188	188	179	179	180	180	179	192	189	194	185
Above Normal Years (13.9%)	185	189	188	183	181	181	182	182	202	202	197	184
Below Normal Years (17.8%)	245	291	220	188	187	185	185	187	213	217	206	215
Dry Years (23.8%)	296	327	254	197	190	188	188	189	202	206	203	233
Critical Years (15.8%)	483	504	268	226	204	203	225	253	269	288	309	385

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-6 c. Sacramento River at Rio Vista Salinity, ALT3 Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-4	-16	-31	-46	-10	-4	-20	-39	-145	-156	-158	-67
20% Exceedance	-104	-18	-34	-40	-4	-2	-3	3	10	-1	-109	-144
30% Exceedance	-86	-21	-65	-12	-2	0	-1	0	12	-3	-79	-121
40% Exceedance	-86	-11	-53	-3	-1	-1	-1	-1	13	2	-56	-113
50% Exceedance	-71	-27	-30	-4	0	0	-1	-1	11	11	-23	-87
60% Exceedance	0	-32	-13	-2	0	-1	-1	-1	10	14	-2	-4
70% Exceedance	-2	-27	-4	-1	0	0	-1	-2	8	13	0	-5
80% Exceedance	-1	-20	-2	0	0	0	-1	-1	6	9	0	-5
90% Exceedance	-1	-3	0	0	0	0	0	-1	1	5	1	-4
Full Simulation Period Average^a	-36	-19	-22	-17	-3	-2	-6	-8	-15	-22	-56	-59
Wet Years (27.7%)	-1	-20	-33	-1	0	0	0	-1	7	5	0	-3
Above Normal Years (13.9%)	-1	-26	-44	-9	0	0	0	-2	14	18	3	-5
Below Normal Years (17.8%)	-89	-23	-3	-9	-2	-1	-2	1	15	21	-27	-97
Dry Years (23.8%)	-71	-13	-3	-28	-5	-2	-2	0	3	-12	-94	-122
Critical Years (15.8%)	-16	-13	-37	-43	-10	-7	-30	-49	-142	-171	-181	-66

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-7 a. Sacramento River at Rio Vista Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	477	491	342	268	209	202	218	248	399	411	439	449
20% Exceedance	414	402	288	238	196	193	195	192	207	226	318	391
30% Exceedance	377	368	275	205	191	188	189	190	201	216	286	353
40% Exceedance	343	315	252	192	188	187	188	188	197	206	260	333
50% Exceedance	313	241	221	189	185	185	186	186	193	193	224	299
60% Exceedance	189	225	198	185	183	183	184	184	191	186	201	193
70% Exceedance	187	217	187	181	181	180	181	182	189	185	196	190
80% Exceedance	185	208	182	180	179	179	180	179	185	184	194	189
90% Exceedance	184	188	179	178	178	178	179	178	181	182	191	187
Full Simulation Period Average^a	303	306	244	210	191	188	196	203	227	238	273	293
Wet Years (27.7%)	185	208	221	180	179	180	180	180	185	184	194	188
Above Normal Years (13.9%)	186	215	232	192	182	181	182	183	188	183	194	189
Below Normal Years (17.8%)	334	315	223	197	189	186	187	185	198	197	233	313
Dry Years (23.8%)	367	340	257	226	195	190	189	189	199	218	297	355
Critical Years (15.8%)	498	518	305	269	214	210	256	302	411	459	490	451

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-7 b. Sacramento River at Rio Vista Salinity, ALT4, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	479	489	328	264	209	203	208	250	398	402	446	442
20% Exceedance	414	411	293	233	196	193	196	193	209	238	337	392
30% Exceedance	386	366	261	203	191	188	188	191	202	215	308	357
40% Exceedance	351	303	242	191	187	186	187	190	199	205	254	329
50% Exceedance	307	277	211	187	184	185	185	186	193	193	223	314
60% Exceedance	229	262	201	185	182	183	183	183	191	187	216	233
70% Exceedance	221	247	186	181	181	180	181	181	190	185	213	224
80% Exceedance	215	227	182	180	179	179	180	179	185	184	211	220
90% Exceedance	207	192	179	178	178	178	179	178	181	183	208	214
Full Simulation Period Average^a	316	314	239	206	191	189	195	203	227	237	281	306
Wet Years (27.7%)	216	238	214	180	179	180	180	180	184	184	209	216
Above Normal Years (13.9%)	215	242	227	187	182	181	182	183	188	184	212	221
Below Normal Years (17.8%)	333	310	223	195	188	186	186	186	198	196	229	311
Dry Years (23.8%)	374	343	256	223	196	190	189	189	201	221	308	360
Critical Years (15.8%)	492	490	294	257	214	212	253	301	406	449	488	452

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-7 c. Sacramento River at Rio Vista Salinity, ALT4 Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2	-2	-13	-3	0	1	-10	1	-2	-9	7	-7
20% Exceedance	0	9	5	-5	0	0	1	0	2	12	20	1
30% Exceedance	9	-2	-14	-2	0	0	-1	1	2	-1	22	4
40% Exceedance	8	-13	-10	-1	0	-1	0	2	2	-1	-6	-4
50% Exceedance	-6	37	-10	-1	0	0	-1	0	-1	0	-1	14
60% Exceedance	40	37	3	0	-1	0	0	0	-1	1	15	40
70% Exceedance	35	30	-1	0	0	0	0	0	1	0	17	33
80% Exceedance	30	19	0	0	0	0	0	0	0	1	17	31
90% Exceedance	22	4	0	0	0	0	0	0	0	0	16	27
Full Simulation Period Average^a	14	8	-4	-4	0	0	-1	0	0	-1	8	13
Wet Years (27.7%)	31	30	-7	0	0	0	0	0	0	0	15	28
Above Normal Years (13.9%)	29	27	-5	-5	0	0	0	0	0	1	19	32
Below Normal Years (17.8%)	0	-5	0	-2	-1	0	0	1	0	-1	-4	-1
Dry Years (23.8%)	7	2	-1	-3	1	0	0	0	2	3	11	5
Critical Years (15.8%)	-6	-27	-11	-11	0	2	-3	-1	-4	-10	-2	1

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-8 a. Sacramento River at Rio Vista Salinity, NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	477	491	342	268	209	202	218	248	399	411	439	449
20% Exceedance	414	402	288	238	196	193	195	192	207	226	318	391
30% Exceedance	377	368	275	205	191	188	189	190	201	216	286	353
40% Exceedance	343	315	252	192	188	187	188	188	197	206	260	333
50% Exceedance	313	241	221	189	185	185	186	186	193	193	224	299
60% Exceedance	189	225	198	185	183	183	184	184	191	186	201	193
70% Exceedance	187	217	187	181	181	180	181	182	189	185	196	190
80% Exceedance	185	208	182	180	179	179	180	179	185	184	194	189
90% Exceedance	184	188	179	178	178	178	179	178	181	182	191	187
Full Simulation Period Average^a	303	306	244	210	191	188	196	203	227	238	273	293
Wet Years (27.7%)	185	208	221	180	179	180	180	180	185	184	194	188
Above Normal Years (13.9%)	186	215	232	192	182	181	182	183	188	183	194	189
Below Normal Years (17.8%)	334	315	223	197	189	186	187	185	198	197	233	313
Dry Years (23.8%)	367	340	257	226	195	190	189	189	199	218	297	355
Critical Years (15.8%)	498	518	305	269	214	210	256	302	411	459	490	451

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-8 b. Sacramento River at Rio Vista Salinity, Action 5, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	487	465	330	263	206	200	204	236	399	384	421	448
20% Exceedance	400	404	284	234	196	193	192	191	207	231	316	394
30% Exceedance	383	367	267	203	192	188	188	189	202	217	287	361
40% Exceedance	371	336	253	191	188	187	186	187	196	206	252	333
50% Exceedance	345	307	218	189	184	185	185	185	193	194	223	312
60% Exceedance	319	287	205	185	182	183	183	183	192	187	216	297
70% Exceedance	292	270	187	181	181	180	181	181	189	185	213	266
80% Exceedance	271	248	182	180	179	179	179	179	185	184	209	244
90% Exceedance	245	196	179	178	178	178	179	177	181	183	206	232
Full Simulation Period Average^a	348	324	245	210	190	188	192	197	224	236	275	323
Wet Years (27.7%)	281	271	221	180	179	180	180	180	185	184	208	249
Above Normal Years (13.9%)	297	274	231	192	182	181	182	182	188	184	210	276
Below Normal Years (17.8%)	335	297	222	197	188	186	185	184	199	196	226	307
Dry Years (23.8%)	365	338	257	223	195	190	188	187	199	221	294	361
Critical Years (15.8%)	509	478	314	277	210	206	234	268	391	437	473	455

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-7-8 c. Sacramento River at Rio Vista Salinity, Action 5 Minus NAA, Monthly EC (UMHOS/CM)

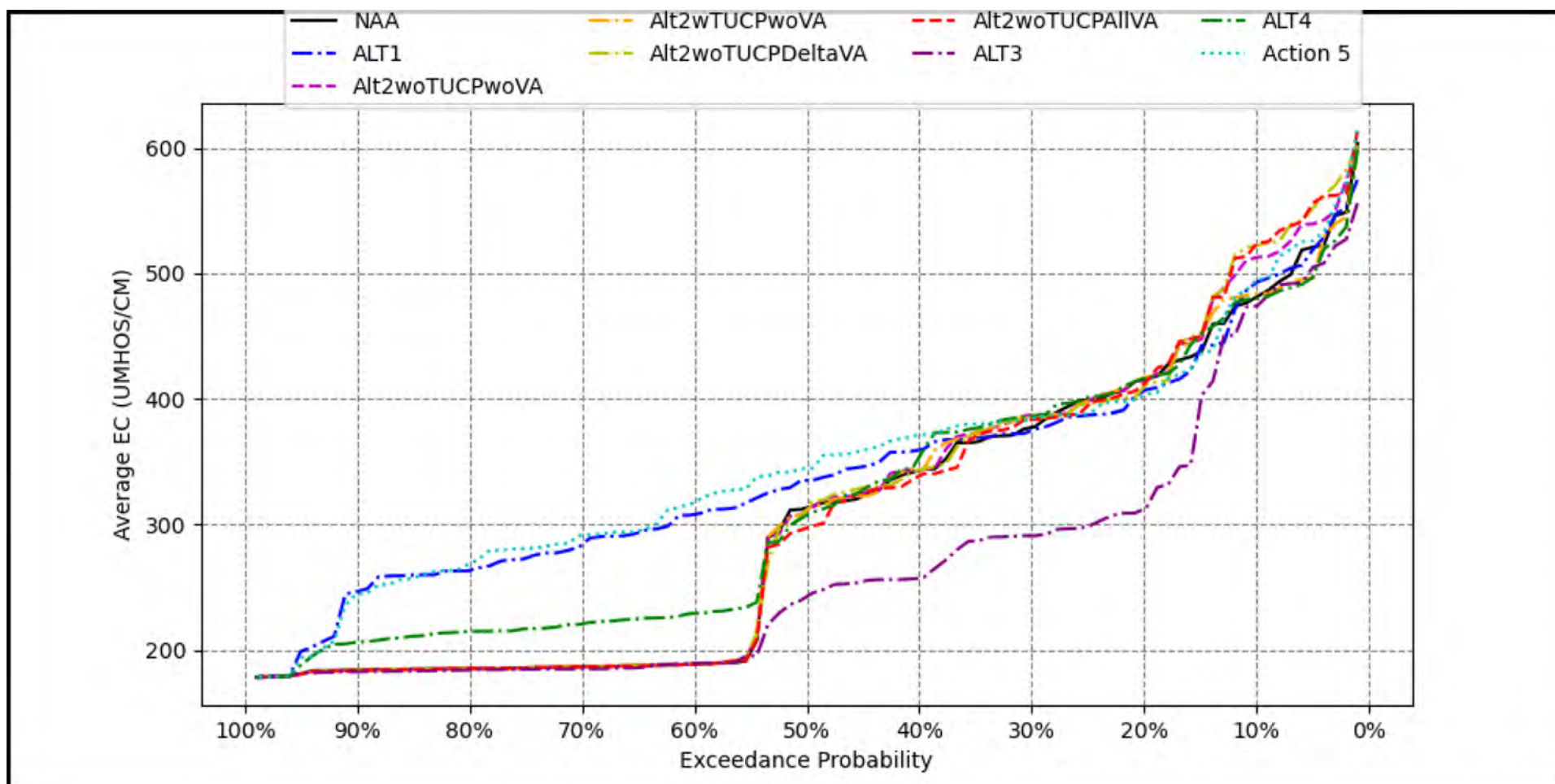
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	11	-26	-11	-4	-3	-2	-14	-12	0	-27	-18	-1
20% Exceedance	-14	2	-3	-4	0	-1	-3	-1	0	5	-1	2
30% Exceedance	7	-1	-8	-2	1	0	-1	-1	2	1	1	8
40% Exceedance	28	20	2	-1	0	0	-1	-1	-1	0	-8	0
50% Exceedance	31	67	-2	0	0	0	-1	-1	0	1	-2	13
60% Exceedance	130	62	7	0	-1	0	-1	-1	0	1	14	104
70% Exceedance	105	53	0	0	0	0	0	-1	0	1	16	75
80% Exceedance	86	40	0	0	0	0	0	0	0	0	15	56
90% Exceedance	61	8	0	0	0	0	0	0	0	1	15	46
Full Simulation Period Average^a	45	18	1	0	-1	-1	-4	-6	-3	-3	2	30
Wet Years (27.7%)	95	63	0	0	0	0	0	0	0	0	14	61
Above Normal Years (13.9%)	111	59	-1	0	0	0	0	-1	0	1	16	86
Below Normal Years (17.8%)	1	-18	-1	0	-1	0	-2	-1	1	-1	-7	-5
Dry Years (23.8%)	-2	-2	0	-3	0	0	-1	-2	0	3	-3	5
Critical Years (15.8%)	11	-40	8	8	-4	-4	-21	-35	-19	-22	-17	4

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

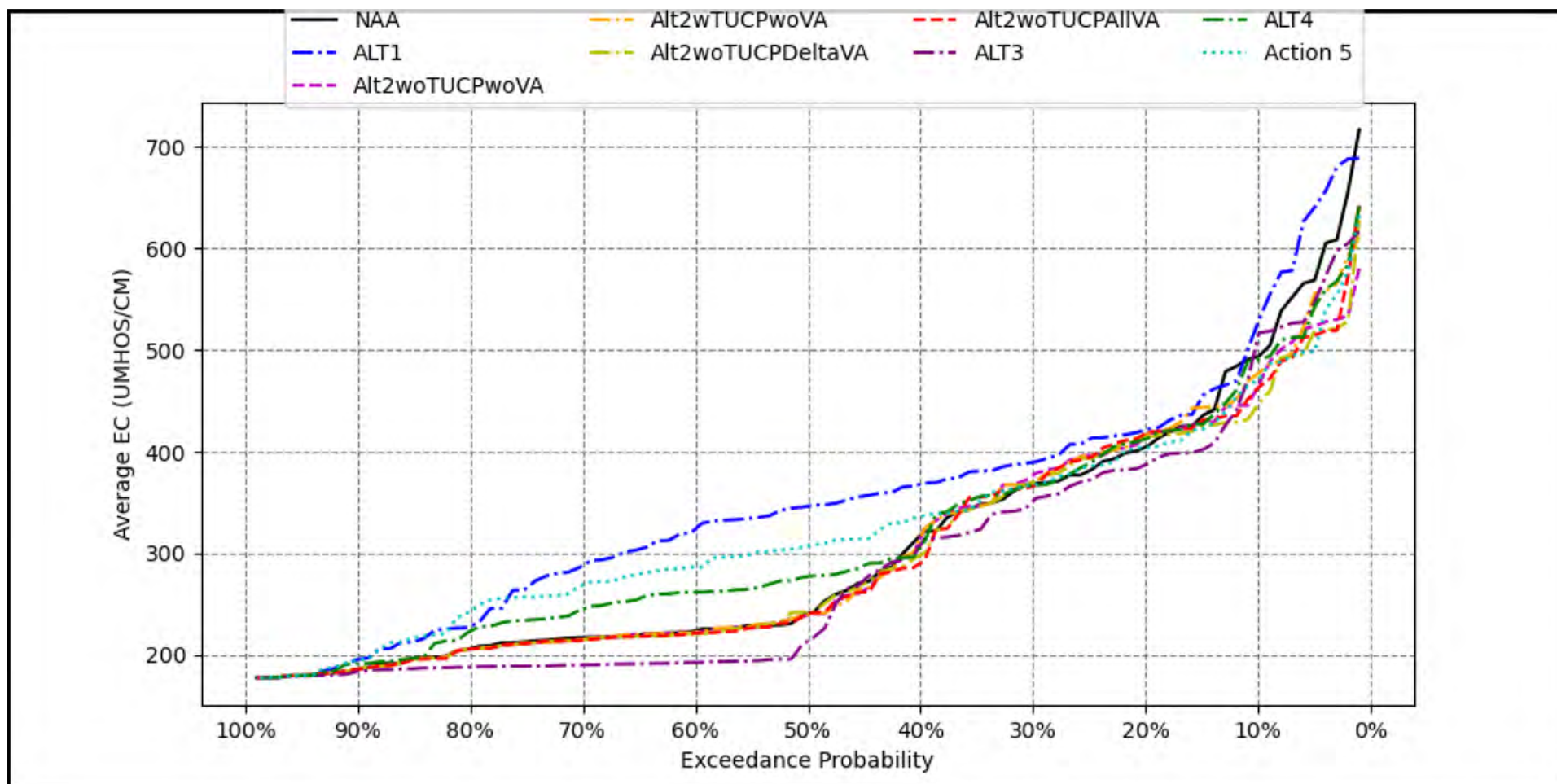
* Water Year Types defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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



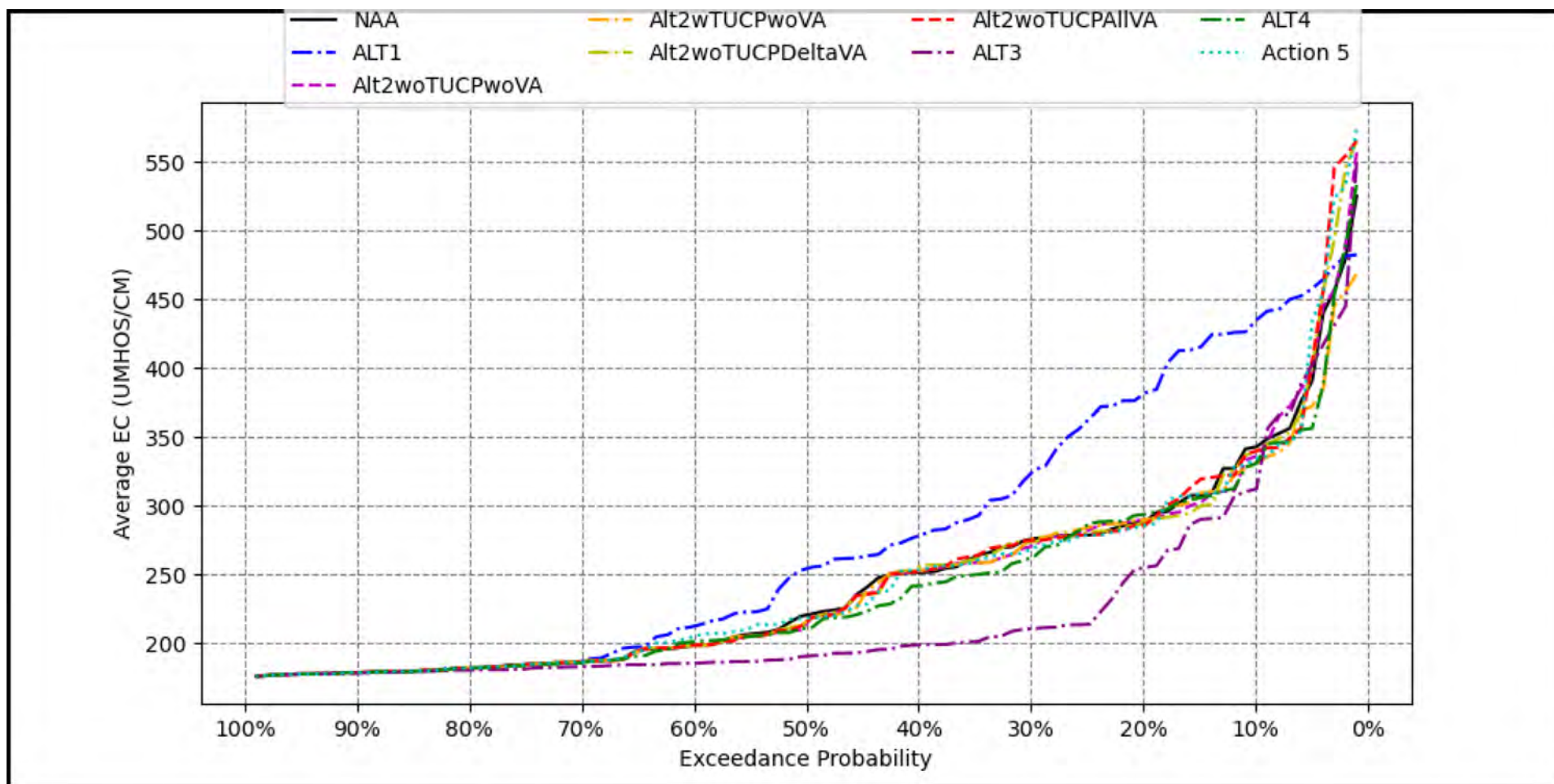
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-7-1 Sacramento River at Rio Vista Salinity, October EC



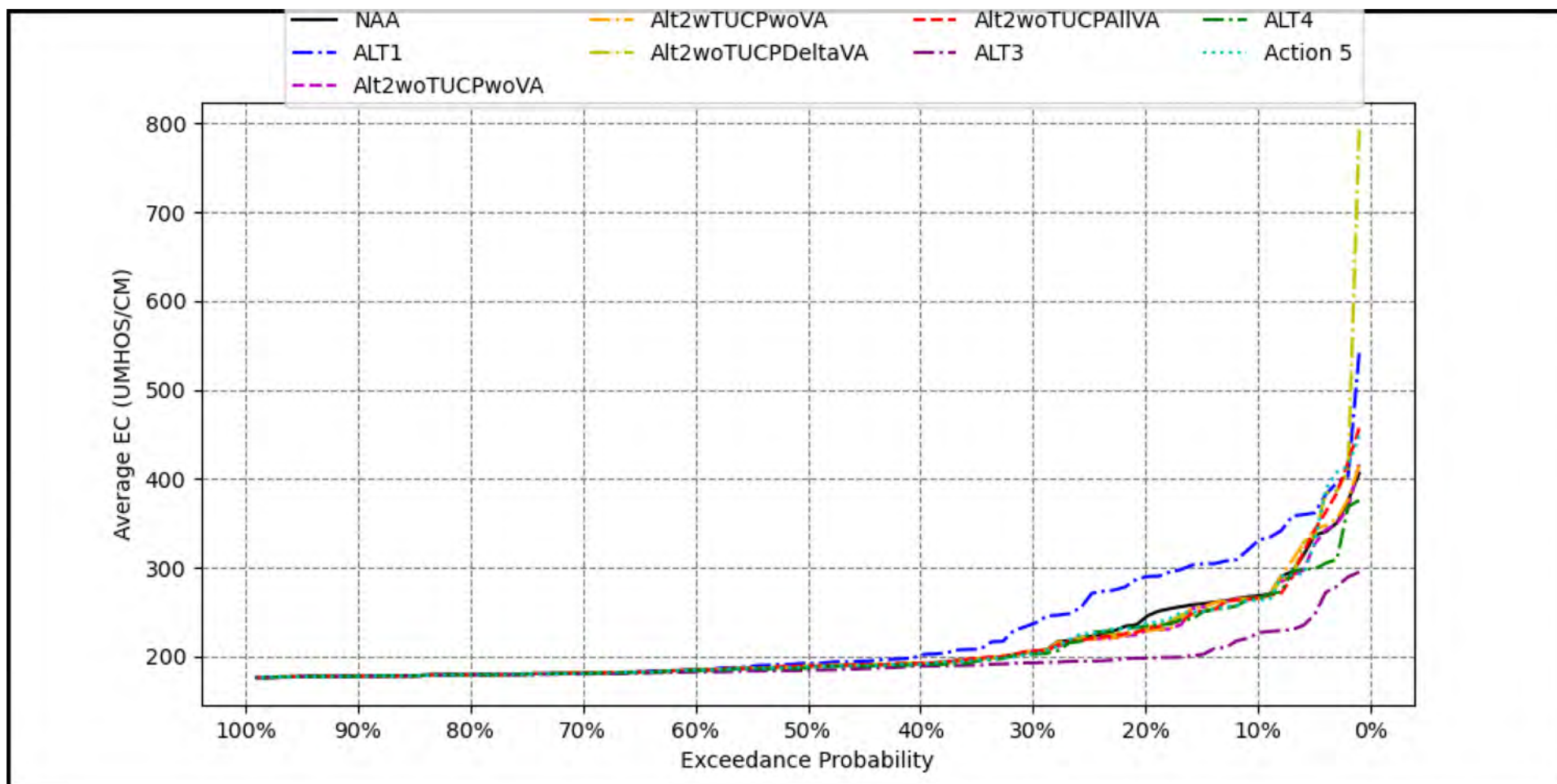
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-7-2 Sacramento River at Rio Vista Salinity, November EC



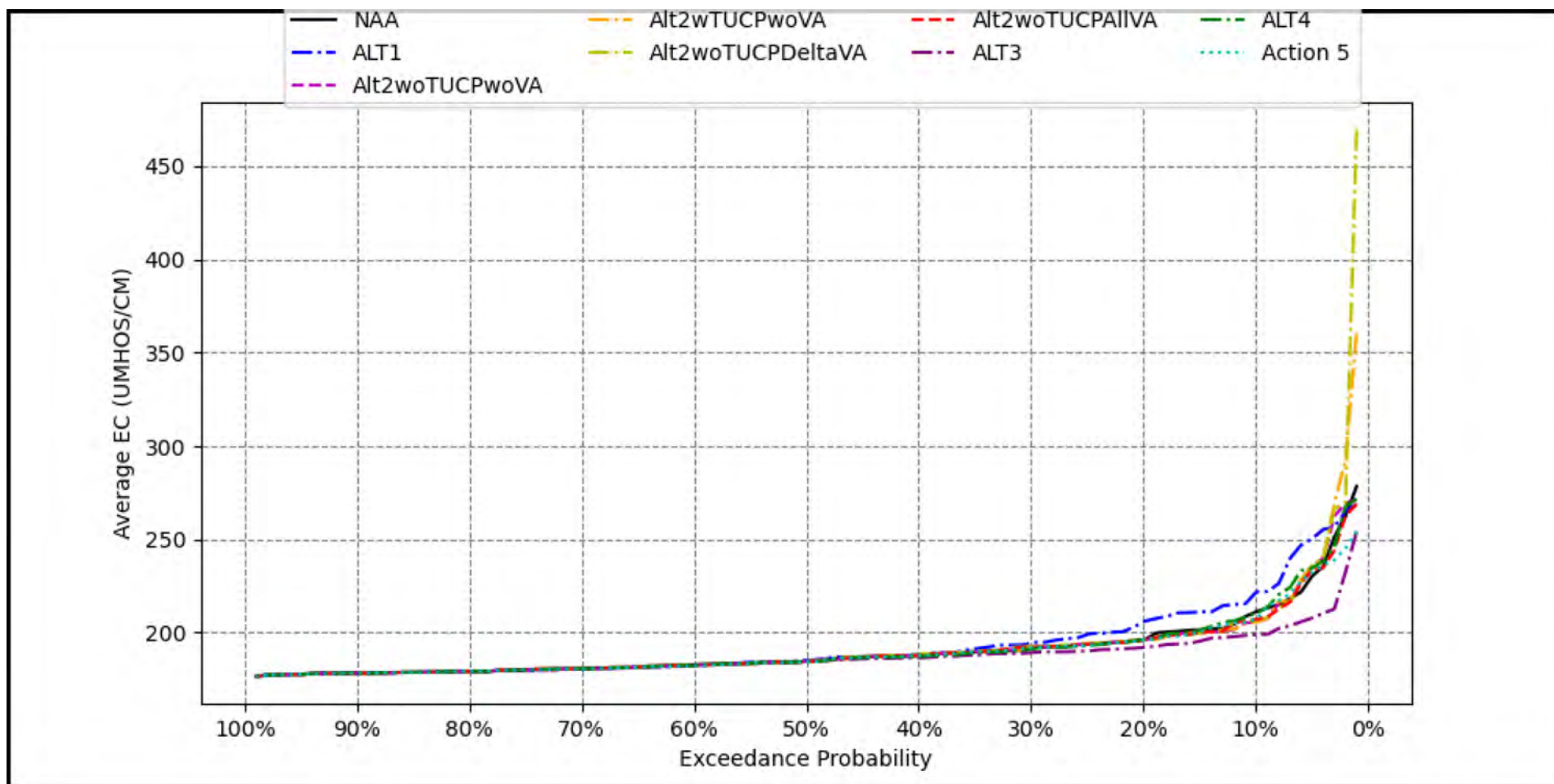
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-7-3 Sacramento River at Rio Vista Salinity, December EC



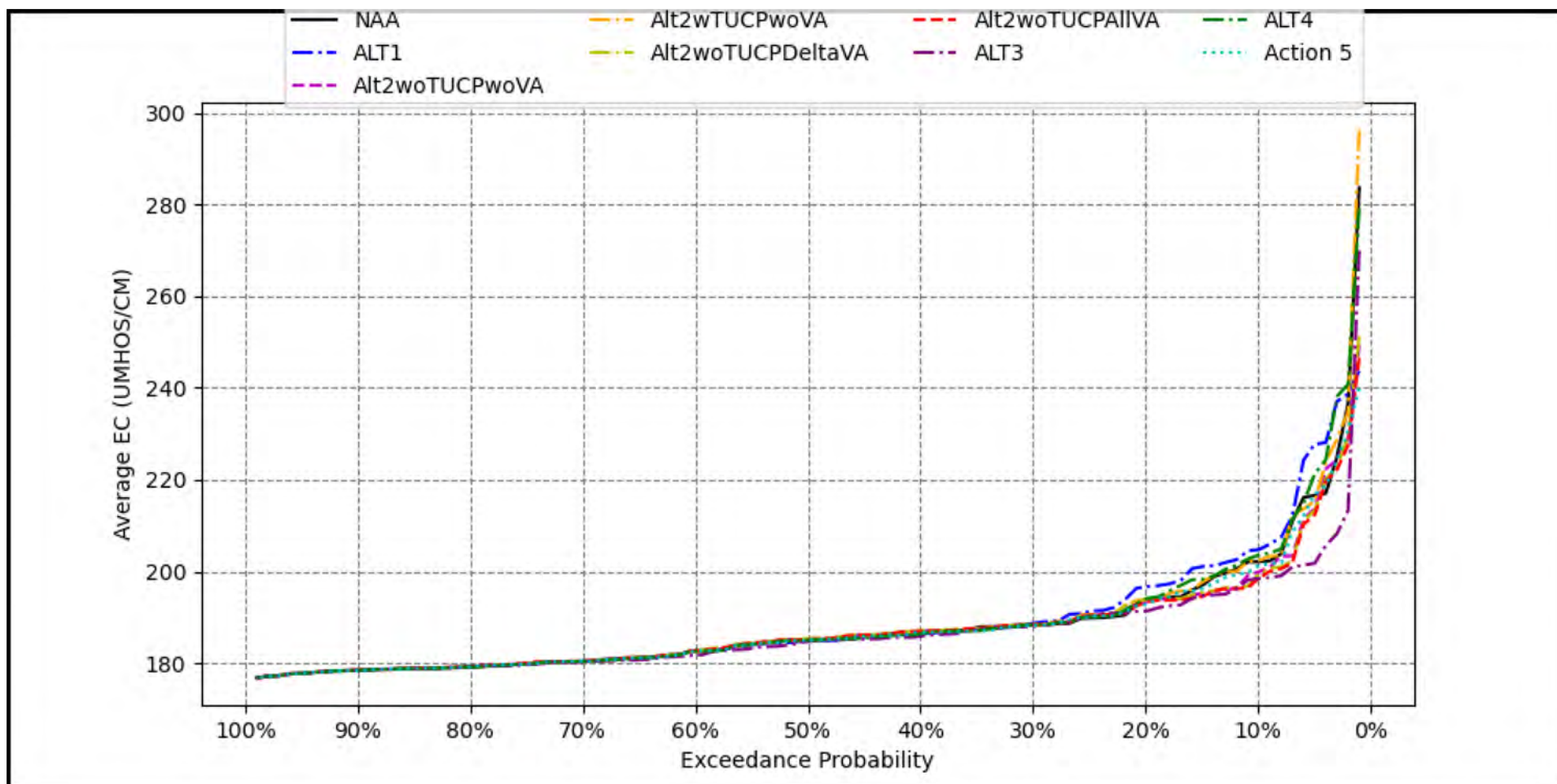
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-7-4 Sacramento River at Rio Vista Salinity, January EC



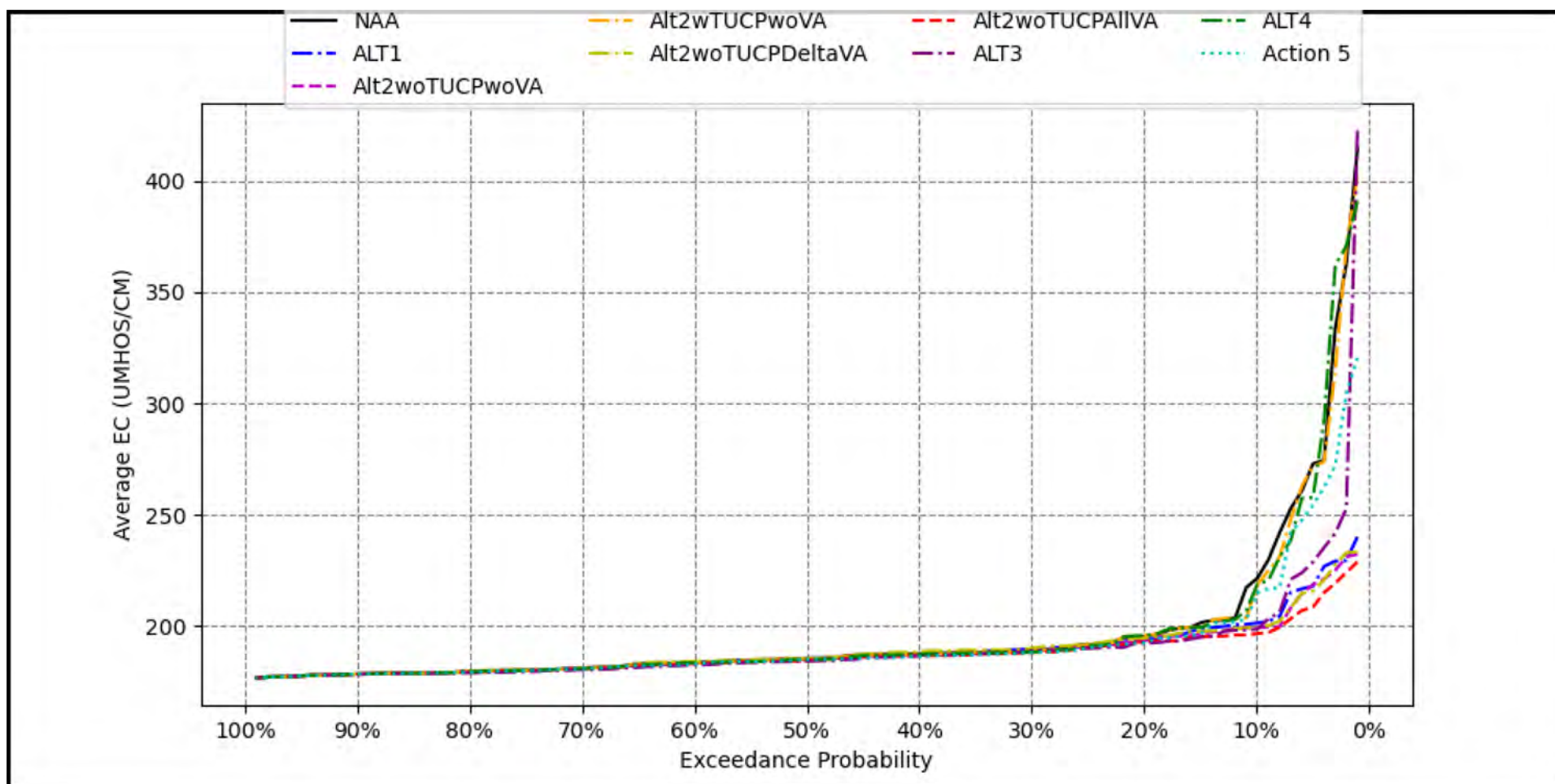
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-7-5 Sacramento River at Rio Vista Salinity, February EC



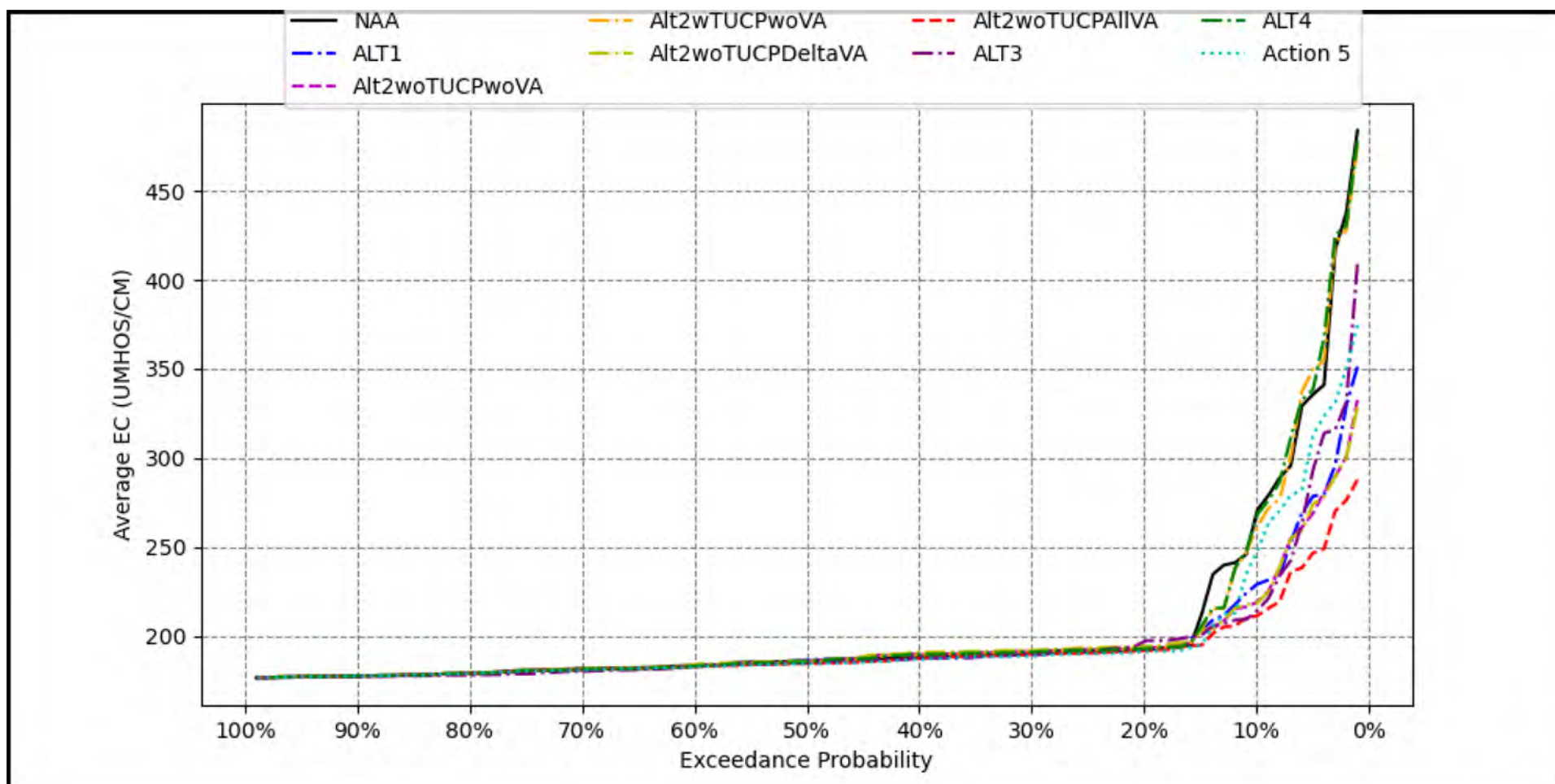
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-7-6 Sacramento River at Rio Vista Salinity, March EC



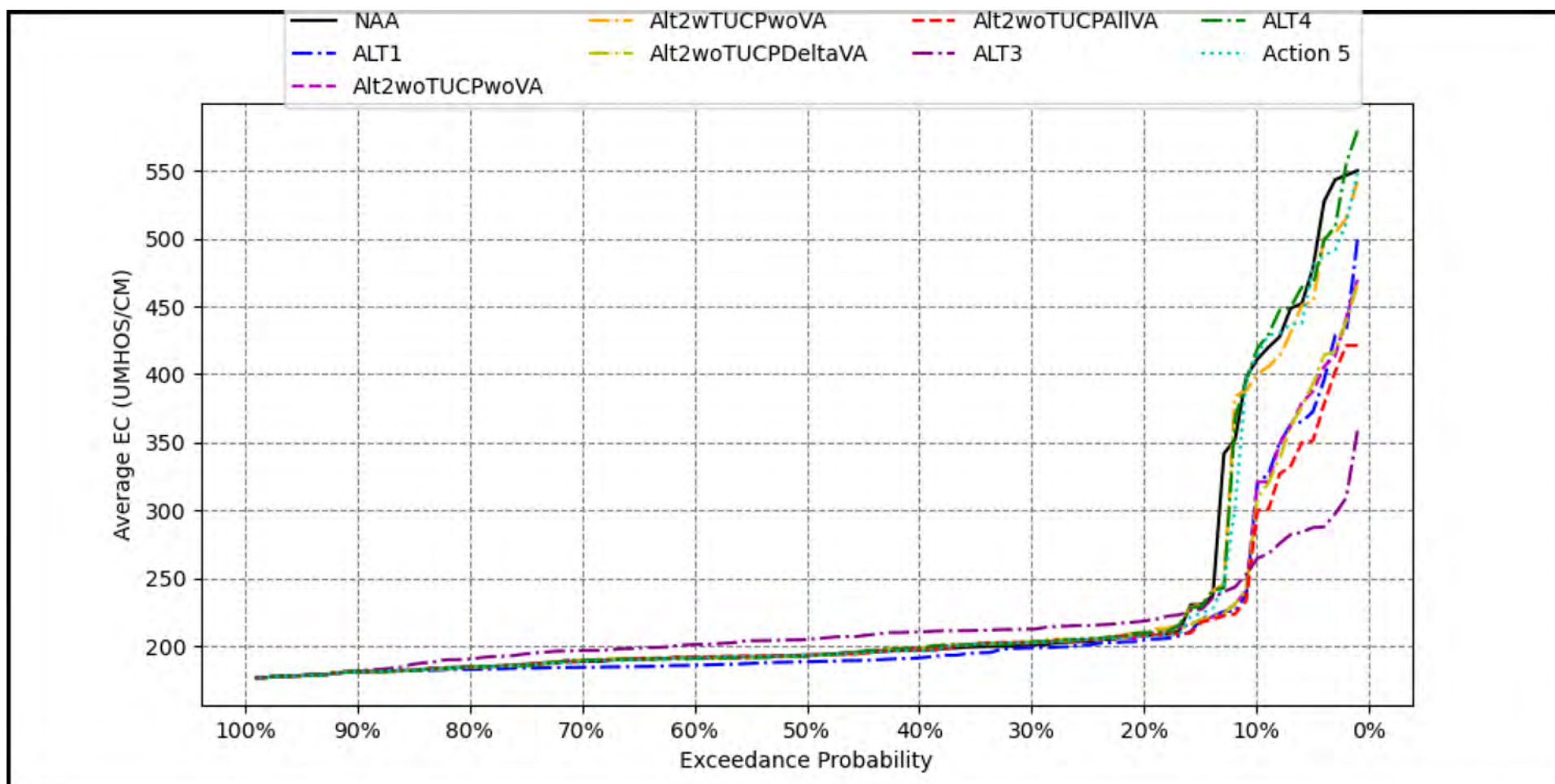
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-7-7 Sacramento River at Rio Vista Salinity, April EC



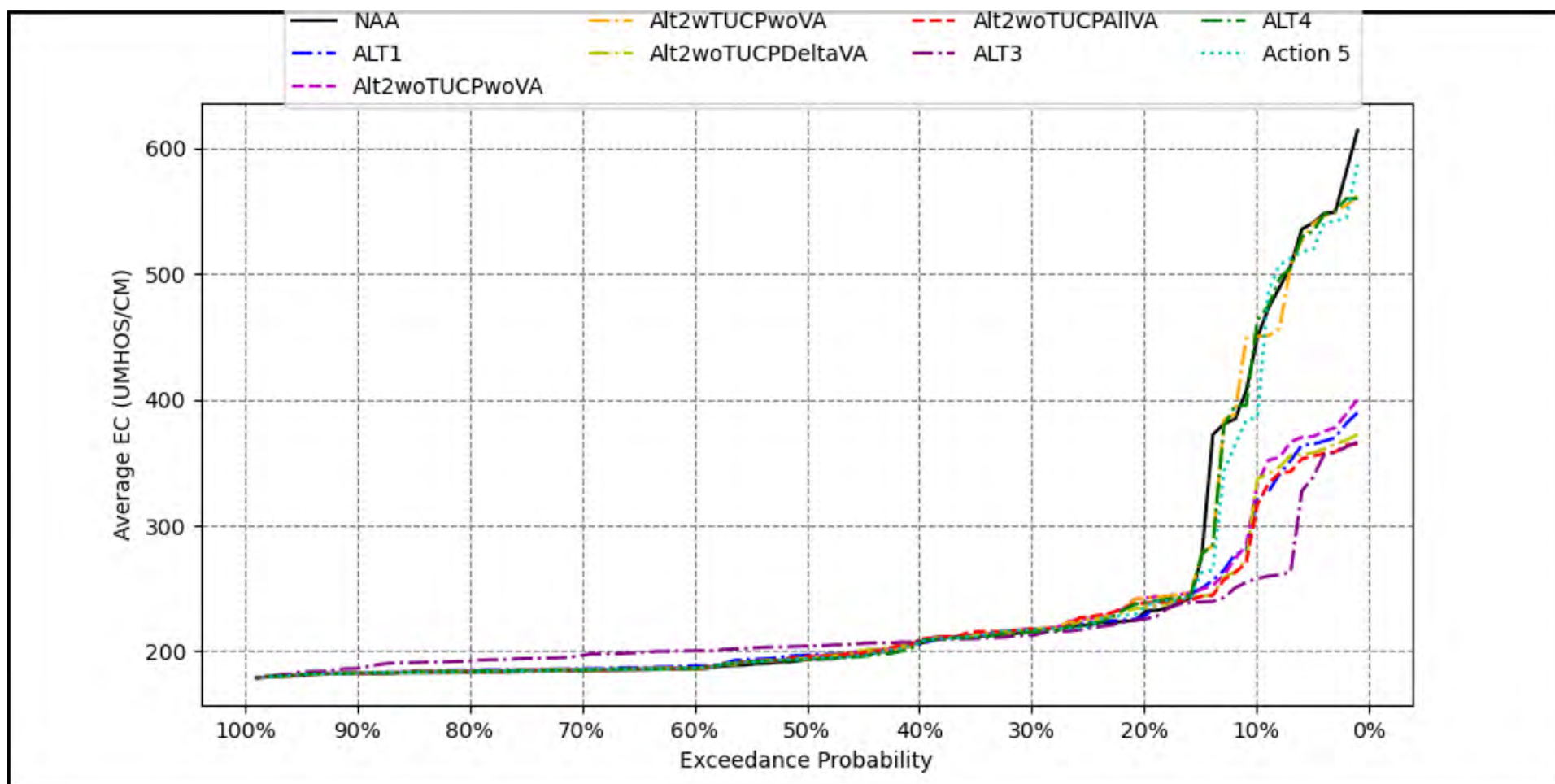
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-7-8 Sacramento River at Rio Vista Salinity, May EC



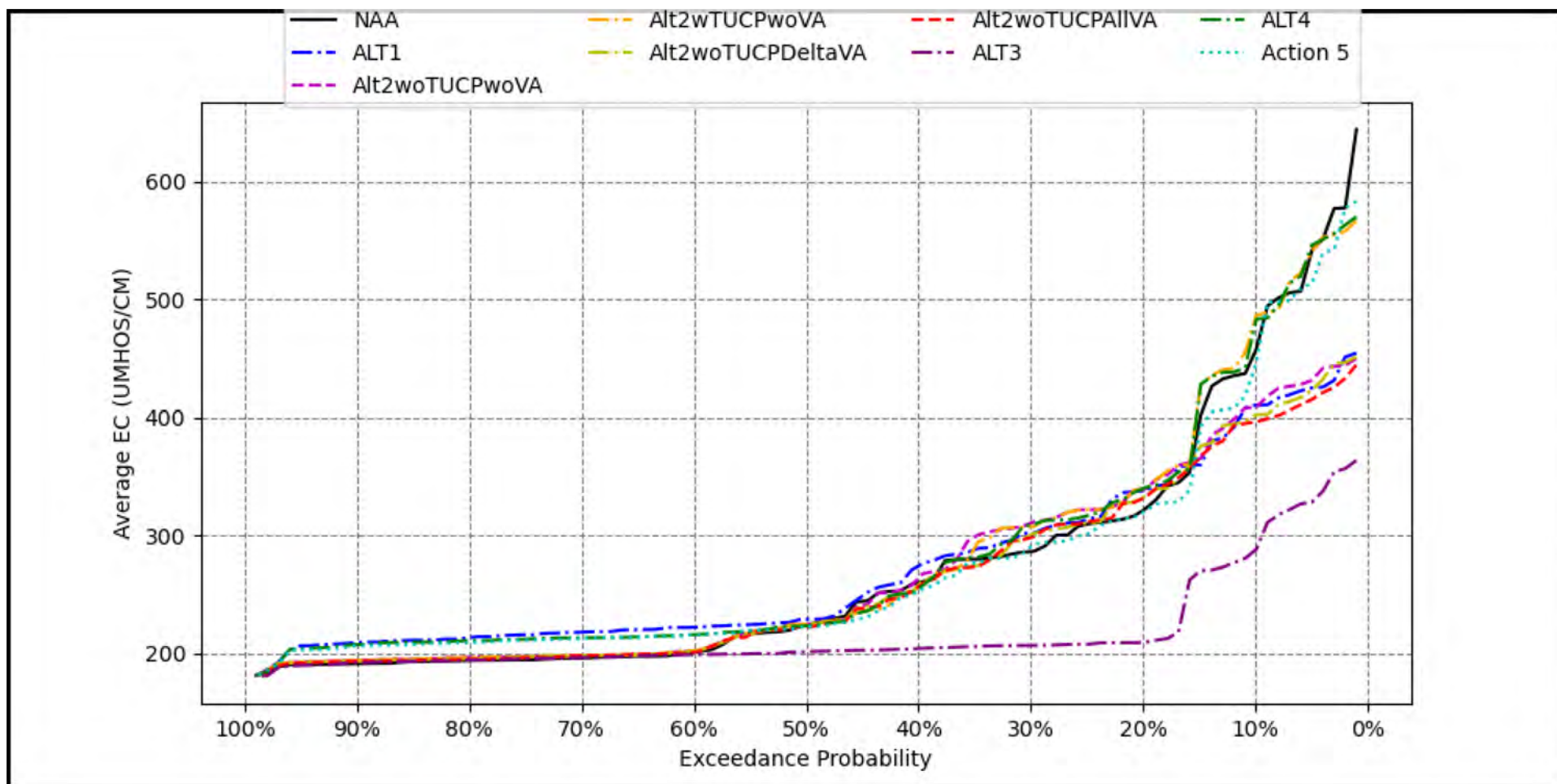
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-7-9 Sacramento River at Rio Vista Salinity, June EC



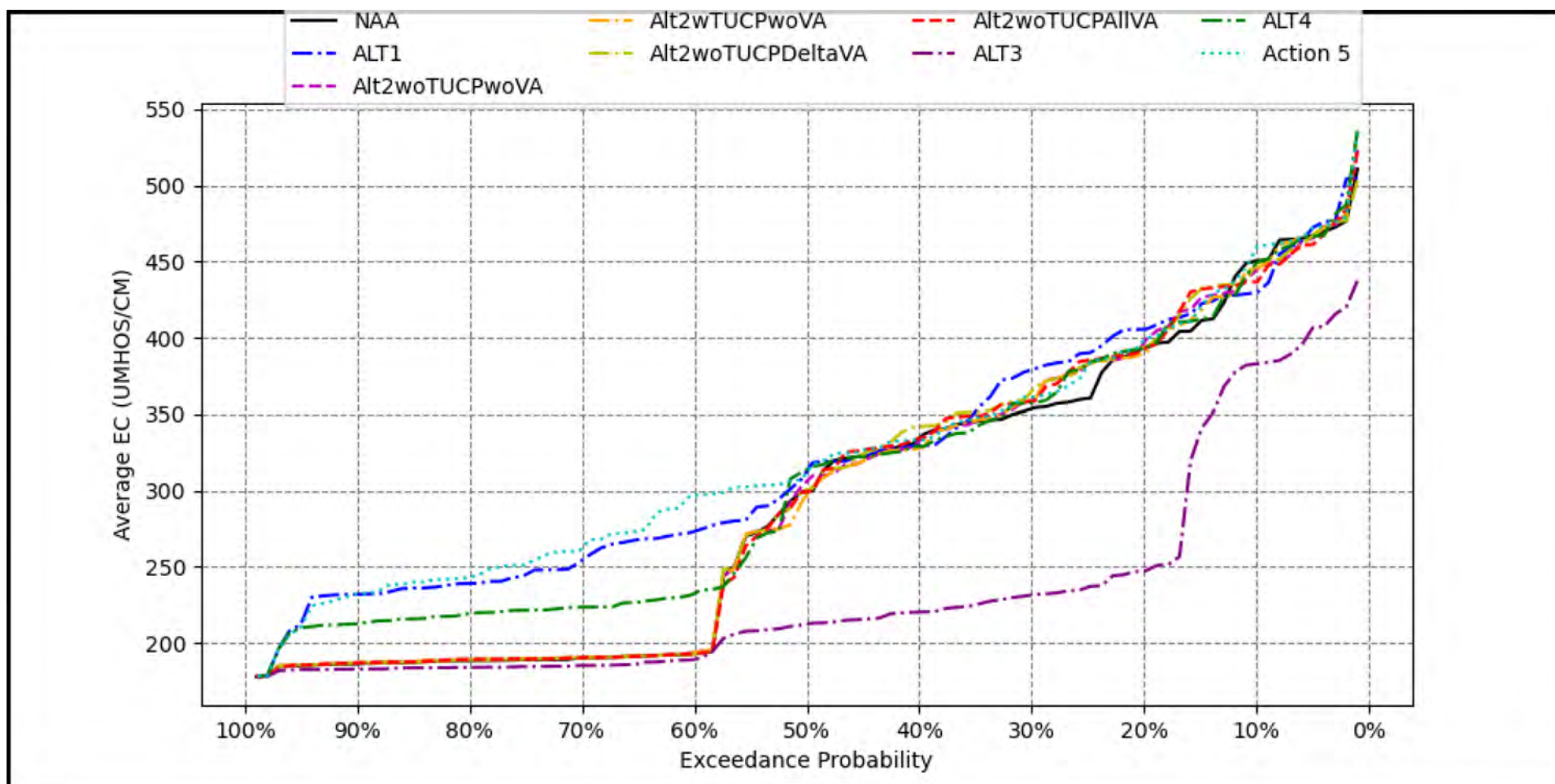
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-7-10 Sacramento River at Rio Vista Salinity, July EC



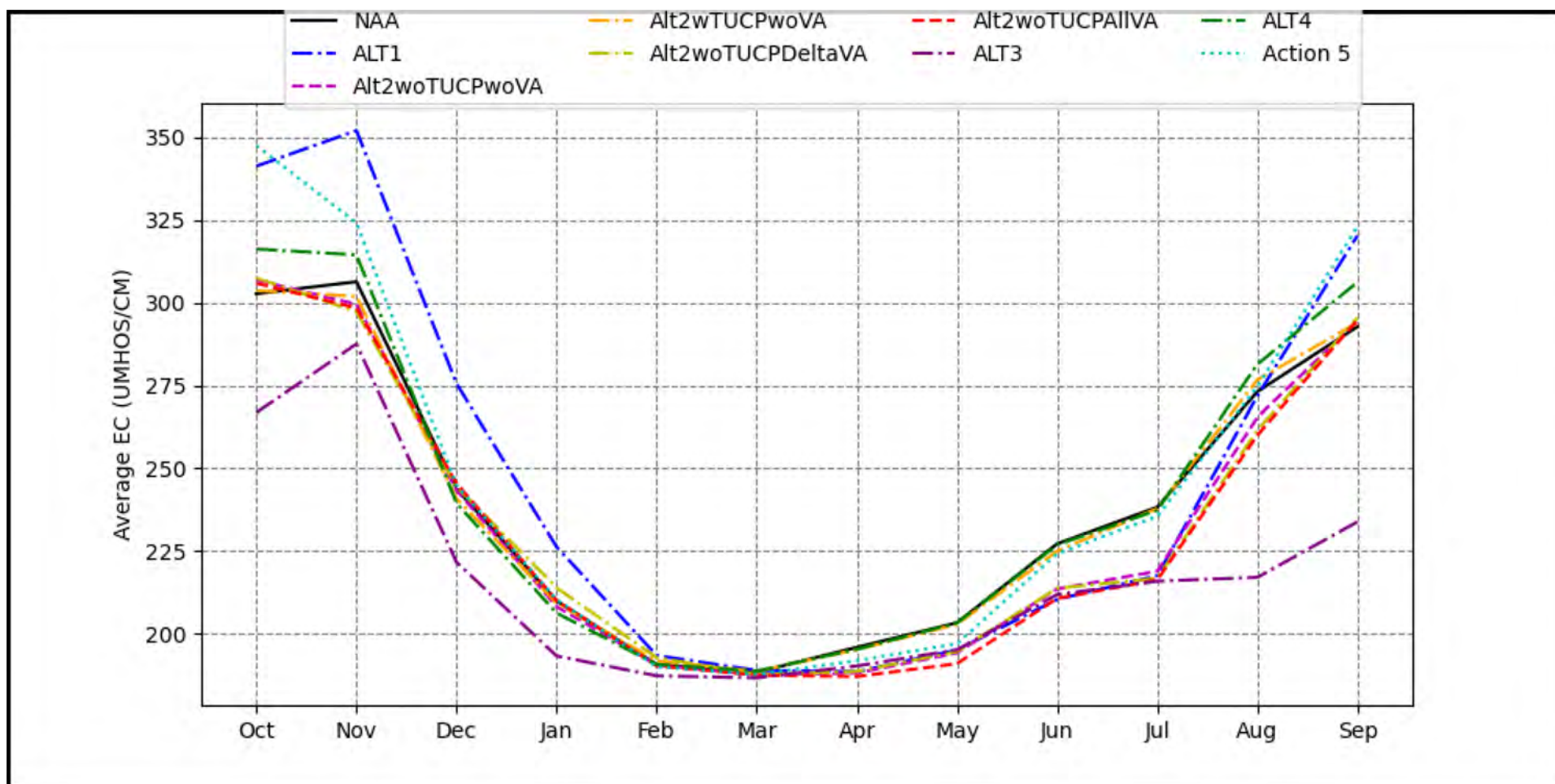
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-7-11 Sacramento River at Rio Vista Salinity, August EC



*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-7-12 Sacramento River at Rio Vista Salinity, September EC

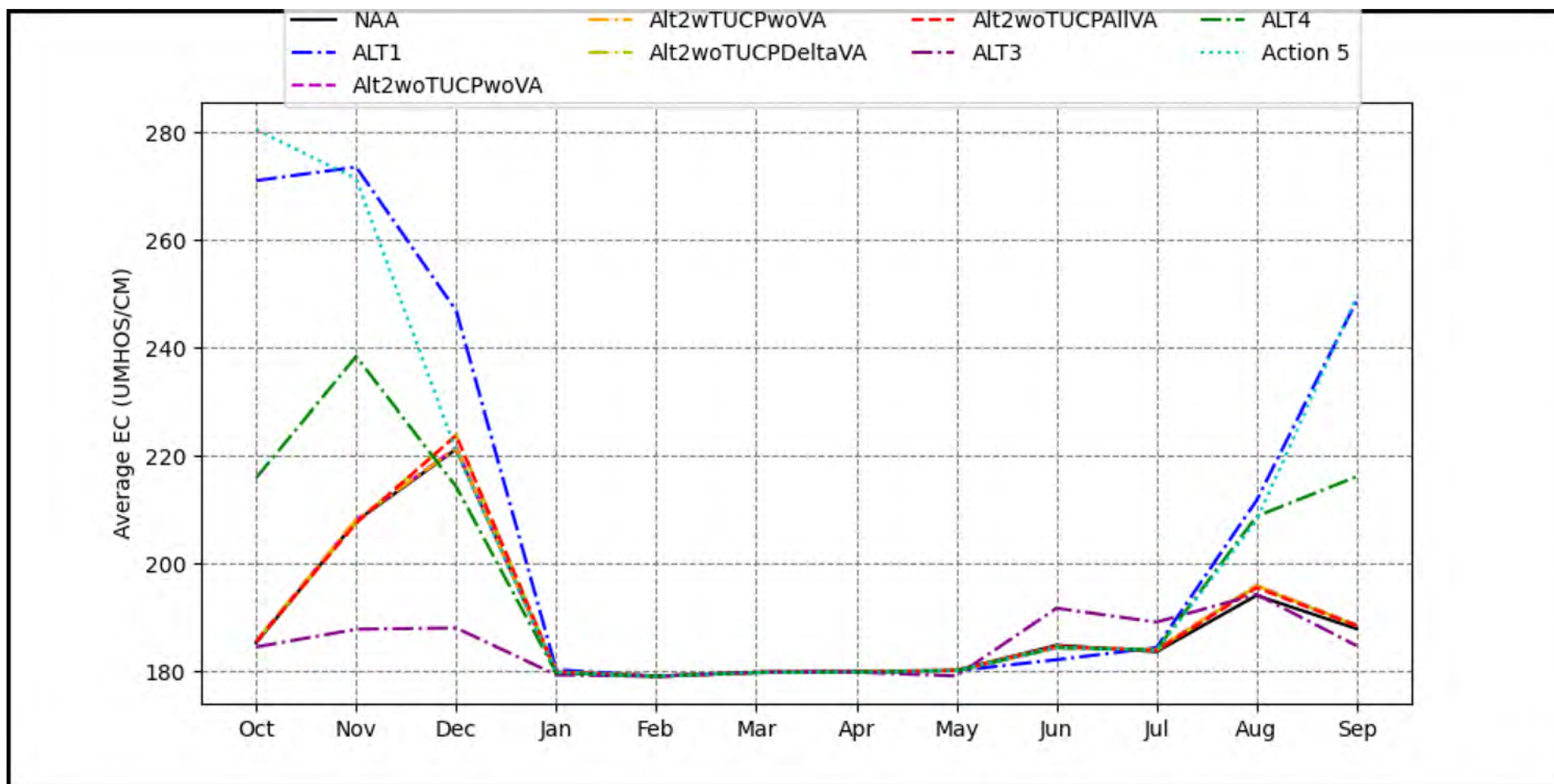


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-7-13 Sacramento River at Rio Vista Salinity, Long Term Average EC (UMHOS/CM)

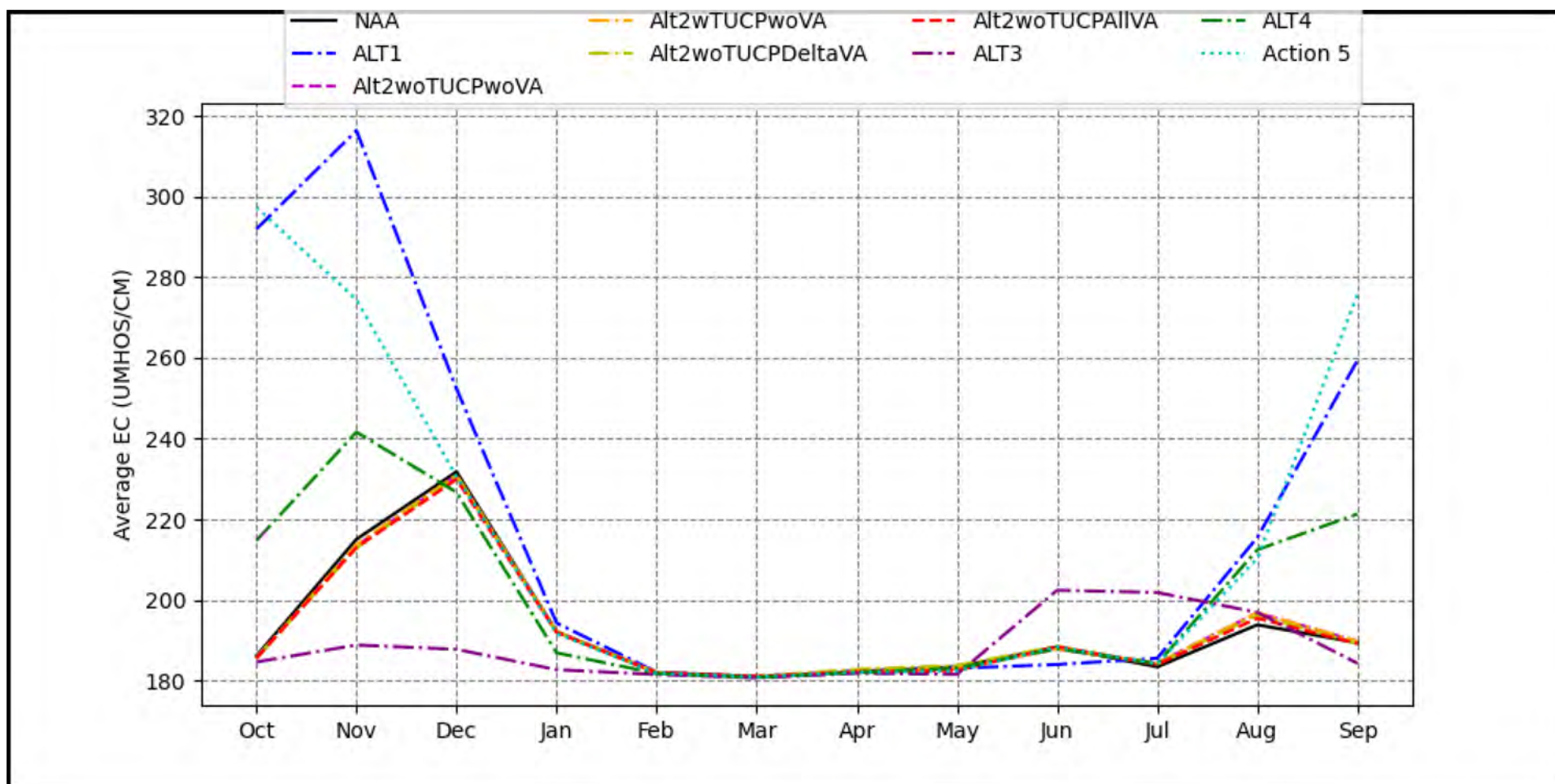


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-7-14 Sacramento River at Rio Vista Salinity, Wet Year Average EC (UMHOS/CM)

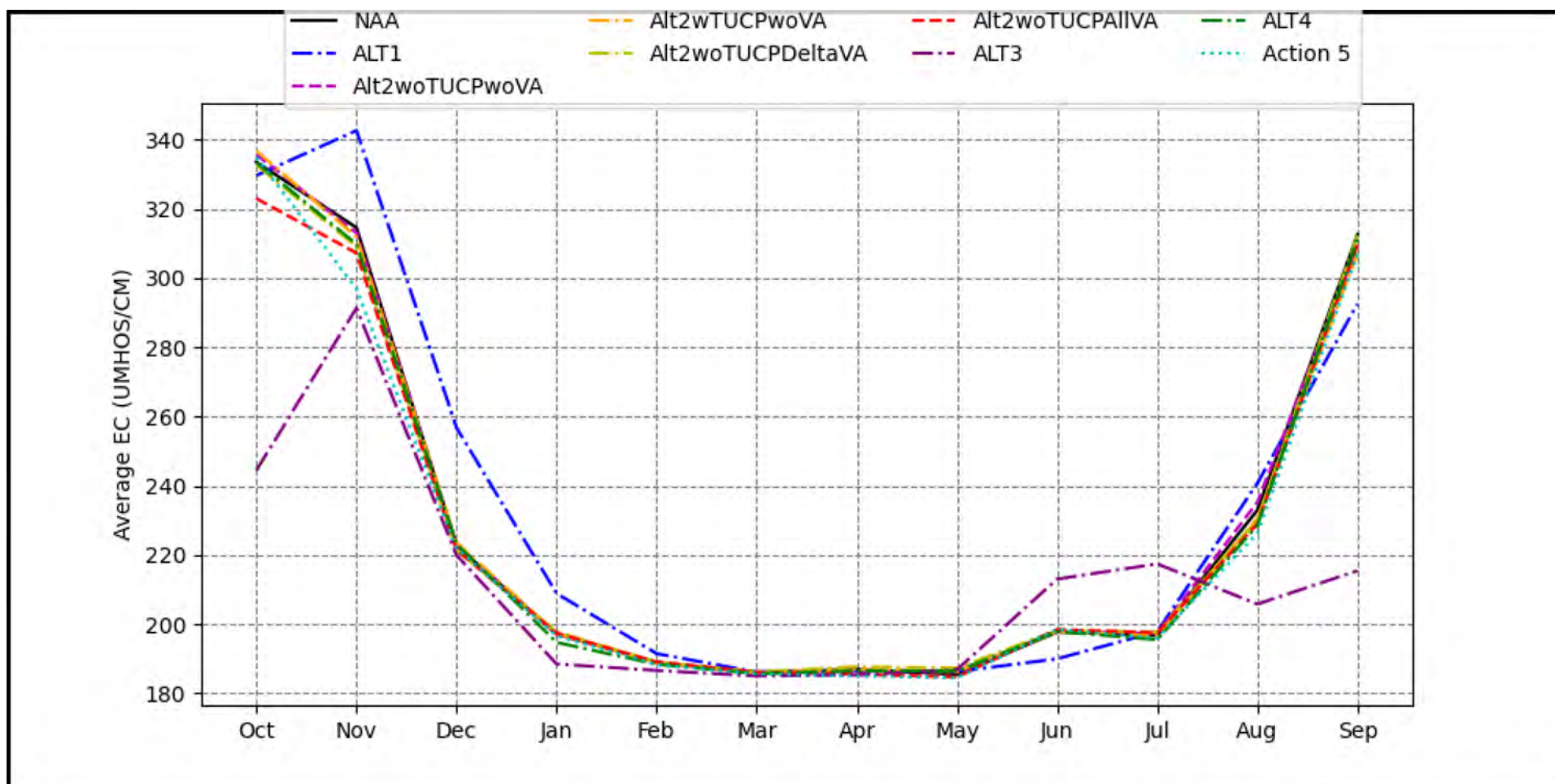


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-7-15 Sacramento River at Rio Vista Salinity, Above Normal Year Average EC (UMHOS/CM)

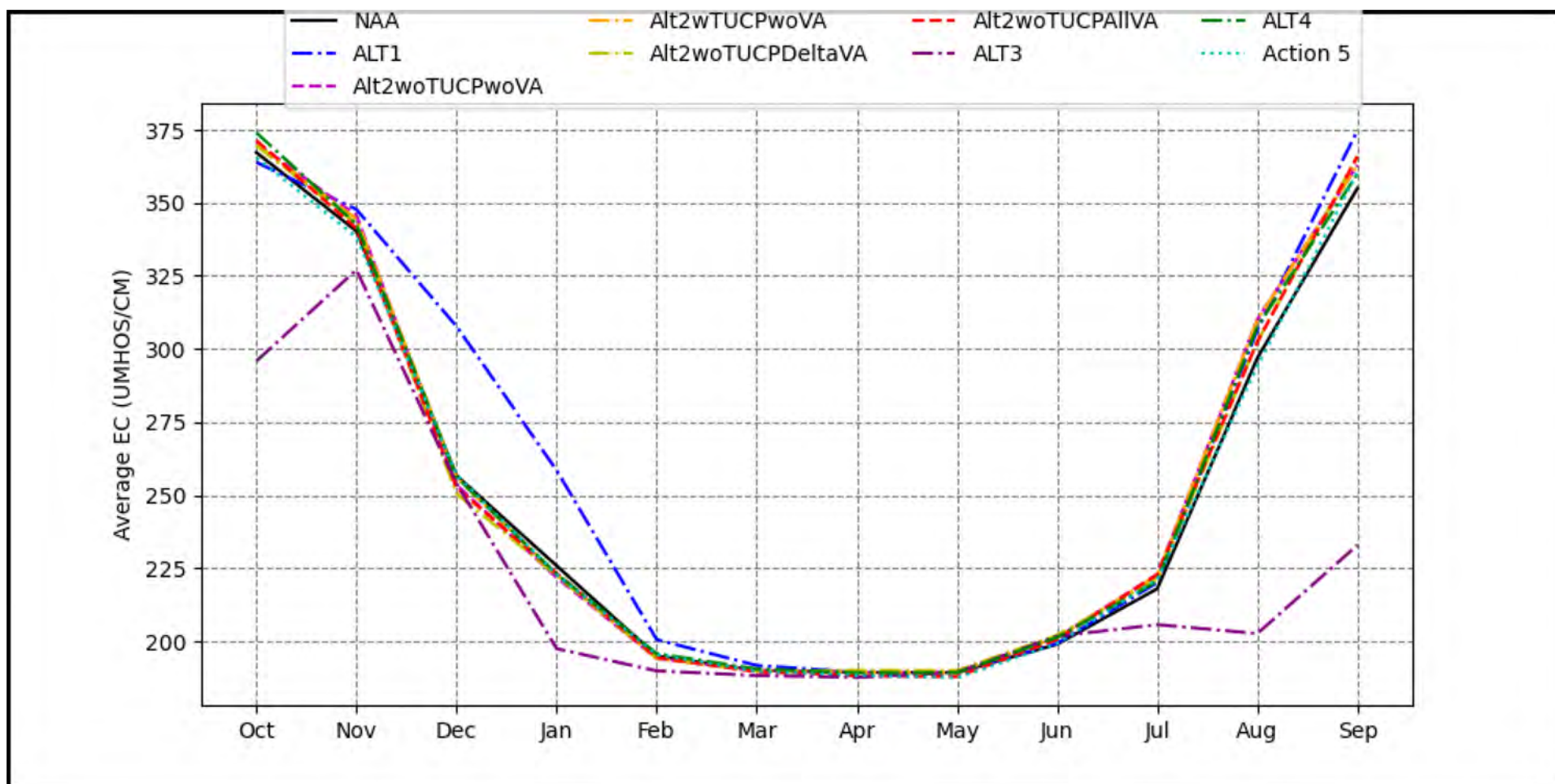


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-7-16 Sacramento River at Rio Vista Salinity, Below Normal Year Average EC (UMHOS/CM)

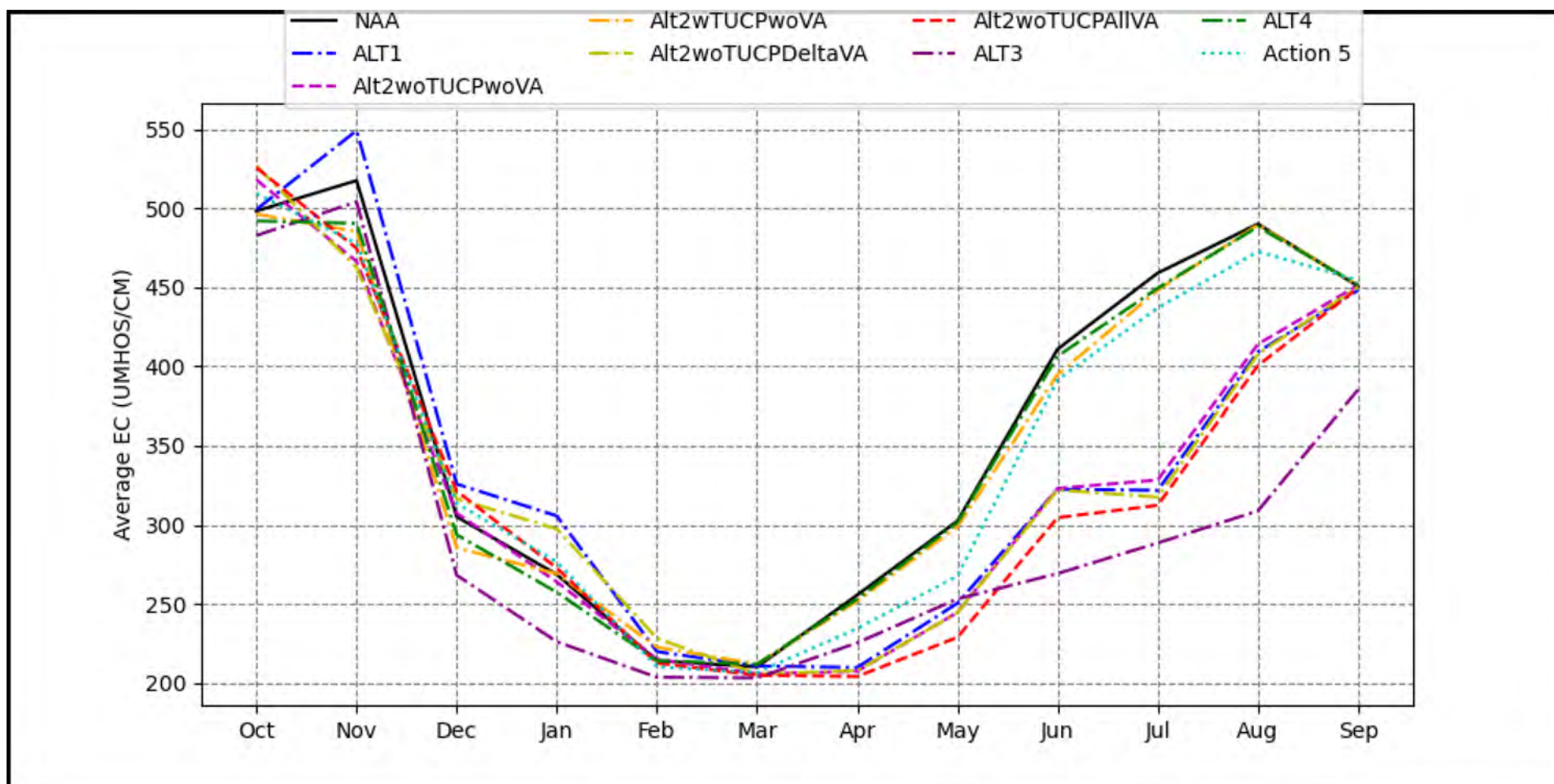


*As defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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

*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-7-17 Sacramento River at Rio Vista Salinity, Dry Year Average EC (UMHOS/CM)



*As defined by the 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 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-7-18 Sacramento River at Rio Vista Salinity, Critical Year Average EC (UMHOS/CM)

F.2.5-8 San Joaquin River at Vernalis Salinity (40-30-30)

Table F.2.5-8-1 a. San Joaquin River at Vernalis Salinity (40-30-30), NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	692	768	787	770	740	822	609	553	610	644	630	634
20% Exceedance	676	747	743	717	715	807	601	536	596	638	626	628
30% Exceedance	671	738	729	706	703	786	587	521	587	615	615	622
40% Exceedance	664	732	719	698	692	762	572	502	574	603	609	616
50% Exceedance	648	724	711	687	681	736	515	452	547	596	600	601
60% Exceedance	635	711	698	673	622	571	413	391	505	573	586	589
70% Exceedance	617	698	687	636	543	403	350	336	480	563	571	582
80% Exceedance	567	680	664	529	312	326	287	243	388	535	559	567
90% Exceedance	507	646	579	274	173	215	184	112	271	478	525	480
Full Simulation Period Average^a	624	712	682	625	573	590	448	398	492	574	583	586
Wet Years (27.7%)	548	650	612	486	381	318	246	211	343	495	522	521
Above Normal Years (13.9%)	614	714	701	652	558	513	422	383	475	565	579	586
Below Normal Years (17.8%)	648	746	696	655	591	646	477	431	522	585	596	605
Dry Years (23.8%)	667	738	692	685	693	770	576	502	583	619	615	615
Critical Years (15.8%)	680	743	742	719	719	799	599	545	597	639	628	634

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-1 b. San Joaquin River at Vernalis Salinity (40-30-30), ALT1, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	707	786	779	775	742	822	612	556	600	637	624	629
20% Exceedance	697	761	743	716	718	804	582	515	591	630	618	624
30% Exceedance	687	751	730	706	701	779	564	486	569	607	608	619
40% Exceedance	678	742	720	696	688	754	541	469	557	593	601	609
50% Exceedance	669	734	709	687	673	727	517	436	531	585	593	596
60% Exceedance	655	724	699	662	610	543	427	388	504	571	581	586
70% Exceedance	638	713	681	624	540	411	353	344	480	554	568	576
80% Exceedance	581	686	657	492	314	335	284	239	379	531	552	563
90% Exceedance	517	643	585	304	171	214	184	113	265	472	520	486
Full Simulation Period Average^a	640	720	682	622	570	587	441	389	484	567	578	583
Wet Years (27.7%)	560	652	607	487	379	320	249	211	336	491	522	520
Above Normal Years (13.9%)	630	726	708	642	563	516	420	381	470	559	571	579
Below Normal Years (17.8%)	666	756	693	652	587	641	463	416	512	577	589	603
Dry Years (23.8%)	687	748	693	682	689	763	556	481	571	609	609	613
Critical Years (15.8%)	696	754	746	719	714	791	595	543	594	634	624	629

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-1 c. San Joaquin River at Vernalis Salinity (40-30-30), ALT1 Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	15	18	-7	5	3	0	3	3	-10	-7	-5	-5
20% Exceedance	21	15	0	0	3	-3	-19	-21	-5	-8	-8	-4
30% Exceedance	16	13	1	0	-2	-7	-23	-34	-19	-8	-7	-3
40% Exceedance	14	10	1	-3	-5	-8	-31	-32	-17	-10	-8	-7
50% Exceedance	21	10	-2	0	-8	-10	2	-16	-16	-12	-7	-5
60% Exceedance	21	13	2	-11	-12	-28	15	-3	-1	-2	-5	-3
70% Exceedance	22	14	-6	-12	-3	9	3	8	0	-9	-3	-6
80% Exceedance	14	5	-7	-36	2	9	-3	-4	-9	-4	-7	-4
90% Exceedance	10	-3	6	30	-2	0	1	1	-6	-6	-6	6
Full Simulation Period Average^a	16	8	0	-2	-3	-3	-7	-9	-8	-7	-5	-3
Wet Years (27.7%)	12	2	-5	1	-2	3	3	0	-7	-4	0	-1
Above Normal Years (13.9%)	16	11	7	-10	5	3	-2	-2	-5	-7	-8	-8
Below Normal Years (17.8%)	17	10	-4	-3	-5	-4	-14	-15	-10	-8	-7	-2
Dry Years (23.8%)	20	10	1	-4	-4	-7	-20	-21	-12	-10	-6	-1
Critical Years (15.8%)	16	10	4	0	-5	-8	-4	-3	-2	-5	-4	-5

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-2 a. San Joaquin River at Vernalis Salinity (40-30-30), NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	692	768	787	770	740	822	609	553	610	644	630	634
20% Exceedance	676	747	743	717	715	807	601	536	596	638	626	628
30% Exceedance	671	738	729	706	703	786	587	521	587	615	615	622
40% Exceedance	664	732	719	698	692	762	572	502	574	603	609	616
50% Exceedance	648	724	711	687	681	736	515	452	547	596	600	601
60% Exceedance	635	711	698	673	622	571	413	391	505	573	586	589
70% Exceedance	617	698	687	636	543	403	350	336	480	563	571	582
80% Exceedance	567	680	664	529	312	326	287	243	388	535	559	567
90% Exceedance	507	646	579	274	173	215	184	112	271	478	525	480
Full Simulation Period Average ^a	624	712	682	625	573	590	448	398	492	574	583	586
Wet Years (27.7%)	548	650	612	486	381	318	246	211	343	495	522	521
Above Normal Years (13.9%)	614	714	701	652	558	513	422	383	475	565	579	586
Below Normal Years (17.8%)	648	746	696	655	591	646	477	431	522	585	596	605
Dry Years (23.8%)	667	738	692	685	693	770	576	502	583	619	615	615
Critical Years (15.8%)	680	743	742	719	719	799	599	545	597	639	628	634

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-2 b. San Joaquin River at Vernalis Salinity (40-30-30), Alt2woTUCPwoVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	692	763	786	771	732	820	607	552	607	643	632	631
20% Exceedance	678	751	744	716	714	804	600	537	595	636	621	627
30% Exceedance	668	737	730	707	699	783	589	521	588	612	613	621
40% Exceedance	661	733	719	700	689	760	576	509	578	604	606	612
50% Exceedance	650	724	712	687	678	741	514	460	547	594	598	599
60% Exceedance	636	714	700	674	619	550	412	401	506	577	584	588
70% Exceedance	619	698	687	636	540	400	354	344	487	559	568	582
80% Exceedance	565	681	662	510	309	326	286	243	399	535	554	567
90% Exceedance	504	645	576	275	173	212	179	112	271	478	507	470
Full Simulation Period Average ^a	624	712	682	626	569	589	450	401	493	573	579	584
Wet Years (27.7%)	548	650	610	485	375	319	248	213	347	498	522	520
Above Normal Years (13.9%)	614	716	702	661	559	514	423	386	479	567	580	586
Below Normal Years (17.8%)	648	746	696	653	587	643	482	440	528	588	595	602
Dry Years (23.8%)	669	740	692	686	689	767	578	505	585	621	615	616
Critical Years (15.8%)	675	740	740	720	716	797	598	545	585	619	606	625

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-2 c. San Joaquin River at Vernalis Salinity (40-30-30), Alt2woTUCPwoVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	-5	-1	1	-8	-2	-1	0	-4	-1	2	-3
20% Exceedance	2	4	0	-1	-1	-3	-1	0	-1	-2	-5	-2
30% Exceedance	-3	-1	0	1	-4	-3	2	0	1	-3	-3	-1
40% Exceedance	-3	1	0	1	-4	-3	4	7	3	1	-2	-4
50% Exceedance	2	1	1	0	-4	5	0	7	0	-2	-2	-2
60% Exceedance	1	3	3	1	-2	-21	0	10	0	4	-1	-1
70% Exceedance	3	0	0	0	-3	-3	4	9	7	-4	-3	-1
80% Exceedance	-2	0	-1	-18	-3	0	-1	0	11	0	-5	0
90% Exceedance	-3	0	-3	1	0	-3	-5	0	0	0	-19	-10
Full Simulation Period Average ^a	0	0	-1	1	-4	-1	2	3	1	-1	-3	-2
Wet Years (27.7%)	0	0	-1	-1	-6	1	2	2	4	3	0	0
Above Normal Years (13.9%)	1	2	1	9	1	1	1	4	4	2	1	0
Below Normal Years (17.8%)	0	0	0	-1	-5	-2	5	8	7	4	-1	-3
Dry Years (23.8%)	2	2	0	1	-4	-3	3	3	2	1	1	1
Critical Years (15.8%)	-5	-4	-2	1	-3	-3	-1	0	-12	-20	-22	-9

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-3 a. San Joaquin River at Vernalis Salinity (40-30-30), NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	692	768	787	770	740	822	609	553	610	644	630	634
20% Exceedance	676	747	743	717	715	807	601	536	596	638	626	628
30% Exceedance	671	738	729	706	703	786	587	521	587	615	615	622
40% Exceedance	664	732	719	698	692	762	572	502	574	603	609	616
50% Exceedance	648	724	711	687	681	736	515	452	547	596	600	601
60% Exceedance	635	711	698	673	622	571	413	391	505	573	586	589
70% Exceedance	617	698	687	636	543	403	350	336	480	563	571	582
80% Exceedance	567	680	664	529	312	326	287	243	388	535	559	567
90% Exceedance	507	646	579	274	173	215	184	112	271	478	525	480
Full Simulation Period Average^a	624	712	682	625	573	590	448	398	492	574	583	586
Wet Years (27.7%)	548	650	612	486	381	318	246	211	343	495	522	521
Above Normal Years (13.9%)	614	714	701	652	558	513	422	383	475	565	579	586
Below Normal Years (17.8%)	648	746	696	655	591	646	477	431	522	585	596	605
Dry Years (23.8%)	667	738	692	685	693	770	576	502	583	619	615	615
Critical Years (15.8%)	680	743	742	719	719	799	599	545	597	639	628	634

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-3 b. San Joaquin River at Vernalis Salinity (40-30-30), Alt2wTUCPwoVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	692	764	789	771	732	820	607	552	606	645	632	632
20% Exceedance	679	751	745	719	713	804	600	537	595	638	624	628
30% Exceedance	672	741	730	707	699	783	589	521	588	613	614	623
40% Exceedance	662	735	721	701	689	760	576	509	579	605	607	612
50% Exceedance	650	726	712	688	678	733	514	458	547	597	598	601
60% Exceedance	636	713	700	674	619	550	412	401	506	580	585	589
70% Exceedance	619	698	687	632	541	400	354	344	487	561	571	582
80% Exceedance	565	680	662	510	309	326	286	243	399	536	556	567
90% Exceedance	504	645	576	275	173	212	179	112	271	478	507	470
Full Simulation Period Average^a	625	713	682	626	568	588	450	401	494	574	580	584
Wet Years (27.7%)	548	650	610	486	374	316	248	213	347	498	522	520
Above Normal Years (13.9%)	616	717	702	659	557	513	423	386	479	567	579	587
Below Normal Years (17.8%)	649	747	696	653	587	643	482	439	528	588	595	602
Dry Years (23.8%)	668	739	691	686	689	767	578	505	585	620	615	615
Critical Years (15.8%)	678	744	744	721	716	797	598	545	589	627	614	628

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-3 c. San Joaquin River at Vernalis Salinity (40-30-30), Alt2wTUCPwoVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-1	-4	2	0	-8	-2	-1	0	-4	0	2	-2
20% Exceedance	3	4	1	2	-1	-3	-1	0	-1	0	-3	0
30% Exceedance	1	3	0	1	-4	-3	2	0	1	-2	-2	1
40% Exceedance	-2	4	2	2	-3	-3	4	7	5	2	-1	-3
50% Exceedance	2	3	1	1	-4	-4	0	6	1	1	-2	-1
60% Exceedance	1	3	3	1	-3	-21	0	10	0	6	-1	0
70% Exceedance	2	0	0	-4	-2	-3	4	9	7	-2	0	0
80% Exceedance	-2	0	-1	-18	-3	0	-1	0	11	2	-4	0
90% Exceedance	-3	0	-3	1	0	-3	-5	0	0	0	-19	-10
Full Simulation Period Average^a	1	1	0	1	-4	-2	2	3	2	0	-2	-1
Wet Years (27.7%)	0	0	-2	0	-6	-1	1	2	4	3	0	-1
Above Normal Years (13.9%)	3	2	1	6	-1	0	0	4	4	2	1	1
Below Normal Years (17.8%)	1	0	-1	-2	-5	-2	5	8	6	3	-1	-3
Dry Years (23.8%)	1	1	-1	1	-4	-3	3	3	2	1	1	0
Critical Years (15.8%)	-1	0	2	2	-3	-3	-1	0	-8	-12	-14	-6

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-4 a. San Joaquin River at Vernalis Salinity (40-30-30), NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	692	768	787	770	740	822	609	553	610	644	630	634
20% Exceedance	676	747	743	717	715	807	601	536	596	638	626	628
30% Exceedance	671	738	729	706	703	786	587	521	587	615	615	622
40% Exceedance	664	732	719	698	692	762	572	502	574	603	609	616
50% Exceedance	648	724	711	687	681	736	515	452	547	596	600	601
60% Exceedance	635	711	698	673	622	571	413	391	505	573	586	589
70% Exceedance	617	698	687	636	543	403	350	336	480	563	571	582
80% Exceedance	567	680	664	529	312	326	287	243	388	535	559	567
90% Exceedance	507	646	579	274	173	215	184	112	271	478	525	480
Full Simulation Period Average ^a	624	712	682	625	573	590	448	398	492	574	583	586
Wet Years (27.7%)	548	650	612	486	381	318	246	211	343	495	522	521
Above Normal Years (13.9%)	614	714	701	652	558	513	422	383	475	565	579	586
Below Normal Years (17.8%)	648	746	696	655	591	646	477	431	522	585	596	605
Dry Years (23.8%)	667	738	692	685	693	770	576	502	583	619	615	615
Critical Years (15.8%)	680	743	742	719	719	799	599	545	597	639	628	634

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-4 b. San Joaquin River at Vernalis Salinity (40-30-30), Alt2woTUCPDeltaVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	691	763	785	772	732	821	607	552	607	643	632	634
20% Exceedance	680	747	742	716	714	804	600	537	595	636	622	626
30% Exceedance	669	738	729	707	699	784	589	521	588	612	613	620
40% Exceedance	661	732	721	701	689	760	576	509	578	604	606	610
50% Exceedance	648	724	712	687	678	741	515	460	547	594	599	599
60% Exceedance	637	715	700	674	619	550	412	401	506	577	584	588
70% Exceedance	619	698	686	637	540	400	354	344	487	559	568	582
80% Exceedance	565	681	662	510	309	326	286	243	399	535	554	567
90% Exceedance	504	645	576	275	173	212	179	112	271	478	507	470
Full Simulation Period Average^a	624	712	681	626	569	589	450	401	493	573	579	584
Wet Years (27.7%)	548	650	610	485	375	319	249	213	347	498	522	520
Above Normal Years (13.9%)	613	716	702	661	559	514	423	387	479	567	580	585
Below Normal Years (17.8%)	649	747	696	653	587	644	482	440	528	589	596	603
Dry Years (23.8%)	668	740	691	686	689	768	579	505	585	621	616	616
Critical Years (15.8%)	675	738	739	720	716	797	598	545	585	619	606	625

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-4 c. San Joaquin River at Vernalis Salinity (40-30-30), Alt2woTUCPDeltaVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-1	-5	-2	1	-8	0	-1	0	-4	-1	2	0
20% Exceedance	4	1	-2	-1	-1	-3	-1	1	-1	-2	-5	-2
30% Exceedance	-2	0	0	0	-4	-2	2	0	0	-3	-3	-2
40% Exceedance	-3	1	2	2	-4	-2	4	7	3	1	-3	-5
50% Exceedance	0	1	1	0	-4	4	0	8	0	-2	-1	-2
60% Exceedance	3	4	3	1	-3	-21	0	10	0	4	-1	-1
70% Exceedance	3	0	0	0	-3	-2	4	9	7	-3	-3	0
80% Exceedance	-2	0	-1	-18	-3	0	-1	0	11	0	-5	0
90% Exceedance	-3	0	-3	1	0	-3	-5	0	0	0	-19	-10
Full Simulation Period Average^a	0	0	-1	1	-4	-1	2	3	1	-1	-3	-2
Wet Years (27.7%)	0	0	-2	0	-6	2	2	2	4	3	0	0
Above Normal Years (13.9%)	0	1	1	9	1	1	1	4	4	2	1	-1
Below Normal Years (17.8%)	1	0	-1	-1	-4	-2	5	8	7	4	0	-2
Dry Years (23.8%)	1	2	-1	1	-4	-2	3	3	2	1	1	1
Critical Years (15.8%)	-4	-5	-3	1	-3	-2	-1	0	-12	-20	-22	-9

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-5 a. San Joaquin River at Vernalis Salinity (40-30-30), NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	692	768	787	770	740	822	609	553	610	644	630	634
20% Exceedance	676	747	743	717	715	807	601	536	596	638	626	628
30% Exceedance	671	738	729	706	703	786	587	521	587	615	615	622
40% Exceedance	664	732	719	698	692	762	572	502	574	603	609	616
50% Exceedance	648	724	711	687	681	736	515	452	547	596	600	601
60% Exceedance	635	711	698	673	622	571	413	391	505	573	586	589
70% Exceedance	617	698	687	636	543	403	350	336	480	563	571	582
80% Exceedance	567	680	664	529	312	326	287	243	388	535	559	567
90% Exceedance	507	646	579	274	173	215	184	112	271	478	525	480
Full Simulation Period Average^a	624	712	682	625	573	590	448	398	492	574	583	586
Wet Years (27.7%)	548	650	612	486	381	318	246	211	343	495	522	521
Above Normal Years (13.9%)	614	714	701	652	558	513	422	383	475	565	579	586
Below Normal Years (17.8%)	648	746	696	655	591	646	477	431	522	585	596	605
Dry Years (23.8%)	667	738	692	685	693	770	576	502	583	619	615	615
Critical Years (15.8%)	680	743	742	719	719	799	599	545	597	639	628	634

Table F.2.5-8-5 b. San Joaquin River at Vernalis Salinity (40-30-30), Alt2woTUCPAIIVA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	692	764	787	771	732	821	608	552	606	641	631	631
20% Exceedance	678	749	744	716	713	804	601	537	595	636	623	628
30% Exceedance	672	740	730	708	699	784	589	521	588	613	614	620
40% Exceedance	661	734	719	700	689	760	576	509	580	605	607	612
50% Exceedance	650	724	712	687	678	733	515	460	547	596	599	601
60% Exceedance	636	714	700	674	618	550	412	401	506	580	585	589
70% Exceedance	619	698	688	632	540	400	354	344	487	560	571	582
80% Exceedance	565	681	662	510	309	326	286	243	399	536	556	567
90% Exceedance	504	645	576	275	173	212	179	112	271	478	507	470
Full Simulation Period Average^a	624	712	681	625	568	588	450	401	494	574	580	584
Wet Years (27.7%)	548	650	610	485	374	316	248	213	347	498	522	520
Above Normal Years (13.9%)	614	717	702	659	557	513	423	386	479	567	579	585
Below Normal Years (17.8%)	649	747	696	653	586	644	482	440	528	588	595	602
Dry Years (23.8%)	668	739	690	686	689	768	579	505	585	621	616	615
Critical Years (15.8%)	677	740	740	719	716	797	598	545	589	626	613	627

Table F.2.5-8-5 c. San Joaquin River at Vernalis Salinity (40-30-30), Alt2woTUCPALIVA Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-1	-4	0	1	-8	-1	-1	0	-4	-3	1	-3
20% Exceedance	2	2	0	-1	-1	-3	-1	1	-1	-2	-4	-1
30% Exceedance	0	2	0	1	-4	-2	2	0	0	-2	-2	-2
40% Exceedance	-3	2	0	2	-4	-3	4	8	5	2	-1	-4
50% Exceedance	2	1	1	0	-4	-3	0	8	0	0	-1	-1
60% Exceedance	1	3	3	1	-4	-21	0	10	0	7	-1	-1
70% Exceedance	3	0	2	-4	-3	-3	4	9	7	-2	-1	0
80% Exceedance	-2	0	-1	-18	-3	0	-1	0	11	2	-4	0
90% Exceedance	-3	-1	-3	1	0	-3	-5	0	0	0	-19	-10
Full Simulation Period Average^a	0	0	-1	1	-4	-2	2	3	2	0	-2	-2
Wet Years (27.7%)	0	0	-1	-1	-6	-2	1	2	4	3	0	-1
Above Normal Years (13.9%)	1	2	1	7	-1	0	1	4	4	2	1	-1
Below Normal Years (17.8%)	1	0	-1	-1	-5	-2	5	8	7	4	-1	-3
Dry Years (23.8%)	1	1	-2	1	-4	-2	3	3	2	1	1	0
Critical Years (15.8%)	-3	-3	-2	1	-3	-2	-1	0	-8	-13	-15	-7

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-6 a. San Joaquin River at Vernalis Salinity (40-30-30), NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	692	768	787	770	740	822	609	553	610	644	630	634
20% Exceedance	676	747	743	717	715	807	601	536	596	638	626	628
30% Exceedance	671	738	729	706	703	786	587	521	587	615	615	622
40% Exceedance	664	732	719	698	692	762	572	502	574	603	609	616
50% Exceedance	648	724	711	687	681	736	515	452	547	596	600	601
60% Exceedance	635	711	698	673	622	571	413	391	505	573	586	589
70% Exceedance	617	698	687	636	543	403	350	336	480	563	571	582
80% Exceedance	567	680	664	529	312	326	287	243	388	535	559	567
90% Exceedance	507	646	579	274	173	215	184	112	271	478	525	480
Full Simulation Period Average^a	624	712	682	625	573	590	448	398	492	574	583	586
Wet Years (27.7%)	548	650	612	486	381	318	246	211	343	495	522	521
Above Normal Years (13.9%)	614	714	701	652	558	513	422	383	475	565	579	586
Below Normal Years (17.8%)	648	746	696	655	591	646	477	431	522	585	596	605
Dry Years (23.8%)	667	738	692	685	693	770	576	502	583	619	615	615
Critical Years (15.8%)	680	743	742	719	719	799	599	545	597	639	628	634

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-6 b. San Joaquin River at Vernalis Salinity (40-30-30), ALT3, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	694	771	793	772	729	822	609	556	605	644	633	640
20% Exceedance	679	751	746	720	707	803	600	541	598	634	626	628
30% Exceedance	671	741	729	707	697	779	584	526	589	620	620	624
40% Exceedance	664	735	722	699	685	749	519	459	552	612	616	621
50% Exceedance	654	726	715	690	664	654	471	409	527	599	607	613
60% Exceedance	645	715	701	677	588	488	407	382	512	584	600	598
70% Exceedance	624	703	690	635	522	378	334	329	481	569	589	587
80% Exceedance	575	686	658	532	313	313	281	213	362	540	566	569
90% Exceedance	519	647	580	296	173	215	157	100	227	469	534	523
Full Simulation Period Average^a	629	716	687	629	559	568	430	387	483	576	592	593
Wet Years (27.7%)	556	654	614	491	354	290	230	199	323	494	540	534
Above Normal Years (13.9%)	619	717	707	663	534	468	382	358	468	573	593	597
Below Normal Years (17.8%)	652	751	711	655	588	623	453	423	520	592	602	608
Dry Years (23.8%)	670	742	695	687	682	754	559	489	577	622	620	619
Critical Years (15.8%)	684	745	743	721	723	802	602	549	596	637	630	637

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-6 c. San Joaquin River at Vernalis Salinity (40-30-30), ALT3 Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2	3	7	2	-10	0	1	3	-6	-1	3	6
20% Exceedance	3	4	3	3	-7	-4	-1	4	2	-4	0	0
30% Exceedance	0	3	0	0	-6	-7	-2	5	2	4	5	2
40% Exceedance	0	3	3	0	-7	-13	-53	-43	-22	9	7	5
50% Exceedance	6	2	4	4	-18	-83	-44	-43	-19	3	7	11
60% Exceedance	10	4	4	4	-34	-83	-6	-9	7	11	15	9
70% Exceedance	7	4	3	-1	-21	-24	-16	-7	1	6	18	5
80% Exceedance	8	6	-5	4	1	-13	-6	-31	-26	6	7	2
90% Exceedance	12	1	0	22	0	0	-26	-12	-44	-9	9	44
Full Simulation Period Average^a	5	4	5	4	-13	-21	-18	-11	-8	3	9	7
Wet Years (27.7%)	8	4	2	5	-26	-28	-16	-12	-21	0	18	14
Above Normal Years (13.9%)	5	3	6	11	-24	-45	-40	-25	-7	8	14	10
Below Normal Years (17.8%)	4	5	14	1	-3	-23	-24	-8	-2	7	6	3
Dry Years (23.8%)	3	4	3	2	-11	-15	-17	-13	-5	3	5	5
Critical Years (15.8%)	5	2	1	3	3	3	3	4	-1	-2	2	3

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-7 a. San Joaquin River at Vernalis Salinity (40-30-30), NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	692	768	787	770	740	822	609	553	610	644	630	634
20% Exceedance	676	747	743	717	715	807	601	536	596	638	626	628
30% Exceedance	671	738	729	706	703	786	587	521	587	615	615	622
40% Exceedance	664	732	719	698	692	762	572	502	574	603	609	616
50% Exceedance	648	724	711	687	681	736	515	452	547	596	600	601
60% Exceedance	635	711	698	673	622	571	413	391	505	573	586	589
70% Exceedance	617	698	687	636	543	403	350	336	480	563	571	582
80% Exceedance	567	680	664	529	312	326	287	243	388	535	559	567
90% Exceedance	507	646	579	274	173	215	184	112	271	478	525	480
Full Simulation Period Average^a	624	712	682	625	573	590	448	398	492	574	583	586
Wet Years (27.7%)	548	650	612	486	381	318	246	211	343	495	522	521
Above Normal Years (13.9%)	614	714	701	652	558	513	422	383	475	565	579	586
Below Normal Years (17.8%)	648	746	696	655	591	646	477	431	522	585	596	605
Dry Years (23.8%)	667	738	692	685	693	770	576	502	583	619	615	615
Critical Years (15.8%)	680	743	742	719	719	799	599	545	597	639	628	634

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-7 b. San Joaquin River at Vernalis Salinity (40-30-30), ALT4, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	691	769	788	770	730	819	607	552	605	644	630	632
20% Exceedance	675	747	743	718	713	804	600	536	595	637	623	627
30% Exceedance	670	739	729	707	699	783	589	521	588	614	614	619
40% Exceedance	660	732	720	700	689	760	576	508	580	605	607	613
50% Exceedance	648	724	712	687	678	732	514	458	548	596	597	600
60% Exceedance	636	713	698	674	619	550	412	400	506	578	586	589
70% Exceedance	619	698	686	632	542	399	354	344	487	560	569	582
80% Exceedance	565	680	662	510	309	326	286	243	398	536	556	567
90% Exceedance	503	645	576	275	173	212	179	112	271	478	506	470
Full Simulation Period Average^a	624	712	681	625	568	587	450	401	493	574	580	583
Wet Years (27.7%)	548	650	610	486	374	316	247	213	347	498	522	520
Above Normal Years (13.9%)	614	715	701	658	557	512	422	386	478	567	579	585
Below Normal Years (17.8%)	649	746	696	652	587	643	482	439	527	587	594	601
Dry Years (23.8%)	667	739	691	686	689	767	578	505	585	620	616	615
Critical Years (15.8%)	676	741	740	720	716	797	598	545	589	627	614	626

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-7 c. San Joaquin River at Vernalis Salinity (40-30-30), ALT4 Minus NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-1	1	1	-1	-9	-2	-1	-1	-5	-1	0	-2
20% Exceedance	-1	0	-1	1	-1	-3	-1	0	-1	-1	-3	-2
30% Exceedance	-1	1	0	1	-4	-3	2	0	0	-1	-1	-3
40% Exceedance	-3	1	1	2	-4	-3	4	7	5	2	-2	-3
50% Exceedance	0	0	1	0	-4	-5	-1	5	1	0	-3	-1
60% Exceedance	1	2	0	1	-2	-21	-1	9	0	5	1	-1
70% Exceedance	2	0	0	-5	-1	-3	4	8	7	-3	-2	0
80% Exceedance	-2	0	-1	-18	-3	0	-1	0	10	2	-4	0
90% Exceedance	-4	-1	-3	1	0	-3	-5	0	0	0	-19	-10
Full Simulation Period Average^a	0	0	-1	1	-4	-2	2	3	2	0	-2	-2
Wet Years (27.7%)	0	-1	-2	0	-6	-2	1	2	4	3	0	0
Above Normal Years (13.9%)	0	1	0	6	-1	-1	0	4	3	2	0	-1
Below Normal Years (17.8%)	1	0	-1	-2	-5	-3	5	8	6	2	-2	-4
Dry Years (23.8%)	0	0	-1	0	-5	-3	2	3	2	1	1	0
Critical Years (15.8%)	-4	-2	-2	1	-4	-3	-1	0	-8	-12	-14	-8

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-8 a. San Joaquin River at Vernalis Salinity (40-30-30), NAA, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	692	768	787	770	740	822	609	553	610	644	630	634
20% Exceedance	676	747	743	717	715	807	601	536	596	638	626	628
30% Exceedance	671	738	729	706	703	786	587	521	587	615	615	622
40% Exceedance	664	732	719	698	692	762	572	502	574	603	609	616
50% Exceedance	648	724	711	687	681	736	515	452	547	596	600	601
60% Exceedance	635	711	698	673	622	571	413	391	505	573	586	589
70% Exceedance	617	698	687	636	543	403	350	336	480	563	571	582
80% Exceedance	567	680	664	529	312	326	287	243	388	535	559	567
90% Exceedance	507	646	579	274	173	215	184	112	271	478	525	480
Full Simulation Period Average^a	624	712	682	625	573	590	448	398	492	574	583	586
Wet Years (27.7%)	548	650	612	486	381	318	246	211	343	495	522	521
Above Normal Years (13.9%)	614	714	701	652	558	513	422	383	475	565	579	586
Below Normal Years (17.8%)	648	746	696	655	591	646	477	431	522	585	596	605
Dry Years (23.8%)	667	738	692	685	693	770	576	502	583	619	615	615
Critical Years (15.8%)	680	743	742	719	719	799	599	545	597	639	628	634

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-8 b. San Joaquin River at Vernalis Salinity (40-30-30), Action 5, Monthly EC (UMHOS/CM)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	692	776	774	771	731	821	606	552	604	643	631	632
20% Exceedance	676	746	743	718	714	803	600	536	595	633	621	624
30% Exceedance	669	739	729	706	699	783	589	519	587	610	613	620
40% Exceedance	660	733	721	700	688	760	575	508	576	602	605	612
50% Exceedance	650	726	714	689	677	738	513	458	546	593	598	599
60% Exceedance	635	715	697	674	619	550	411	400	505	575	582	588
70% Exceedance	619	698	687	636	540	400	354	344	486	559	568	582
80% Exceedance	565	680	664	510	309	325	286	243	398	535	554	567
90% Exceedance	504	645	576	275	173	212	179	112	271	478	506	470
Full Simulation Period Average^a	624	712	682	626	569	589	450	401	492	572	578	583
Wet Years (27.7%)	548	650	610	485	375	319	248	213	347	497	522	520
Above Normal Years (13.9%)	611	715	702	661	559	514	423	386	478	566	577	582
Below Normal Years (17.8%)	647	746	695	652	587	643	482	439	527	587	594	601
Dry Years (23.8%)	670	740	692	686	689	767	578	504	584	619	615	617
Critical Years (15.8%)	675	742	742	721	716	797	598	545	585	620	607	622

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

* Water Year Types defined by the 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 F.2.5-8-8 c. San Joaquin River at Vernalis Salinity (40-30-30), Action 5 Minus NAA, Monthly EC (UMHOS/CM)

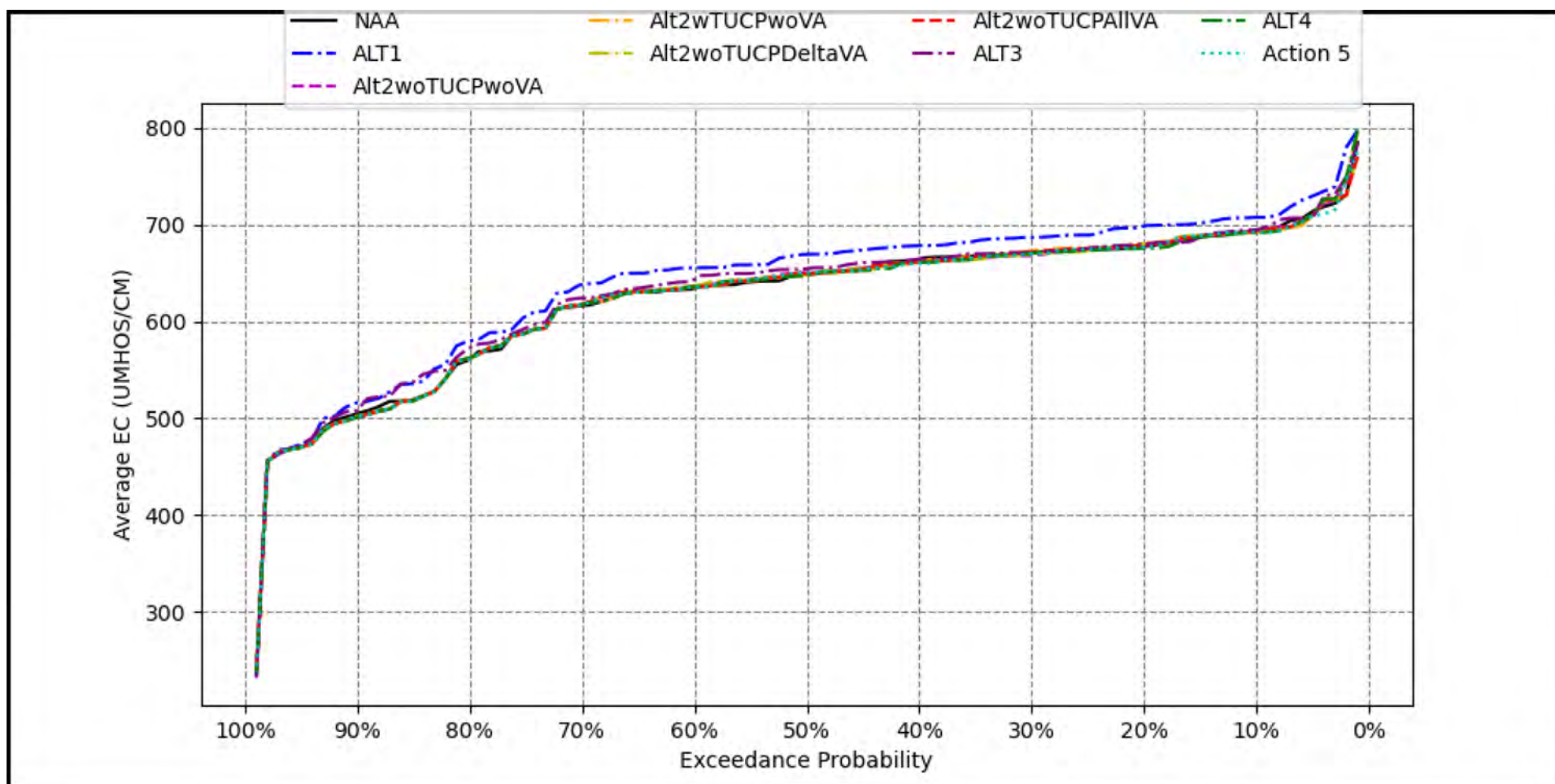
Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	9	-13	1	-8	-1	-2	-1	-6	-2	1	-2
20% Exceedance	0	0	-1	1	-1	-4	-1	-1	-1	-5	-6	-4
30% Exceedance	-2	1	0	-1	-4	-3	2	-1	0	-5	-3	-2
40% Exceedance	-4	1	2	2	-4	-3	3	6	1	-1	-4	-4
50% Exceedance	2	2	4	2	-4	2	-1	6	-1	-3	-2	-2
60% Exceedance	1	4	0	1	-3	-21	-1	9	0	2	-4	-1
70% Exceedance	2	0	0	0	-3	-3	4	8	6	-4	-4	0
80% Exceedance	-2	0	1	-19	-3	0	-1	0	10	0	-5	0
90% Exceedance	-4	-1	-3	1	0	-3	-5	0	0	0	-19	-10
Full Simulation Period Average^a	0	0	0	1	-4	-1	2	3	1	-2	-4	-3
Wet Years (27.7%)	0	0	-2	-1	-6	1	2	2	4	3	-1	0
Above Normal Years (13.9%)	-2	1	1	9	1	1	0	3	3	1	-1	-4
Below Normal Years (17.8%)	-1	0	-1	-2	-5	-2	5	7	5	2	-3	-4
Dry Years (23.8%)	3	2	0	1	-5	-2	2	2	1	-1	0	2
Critical Years (15.8%)	-4	-2	0	2	-3	-2	-1	-1	-12	-19	-21	-12

^a Based on the 100-year simulation period.

* All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

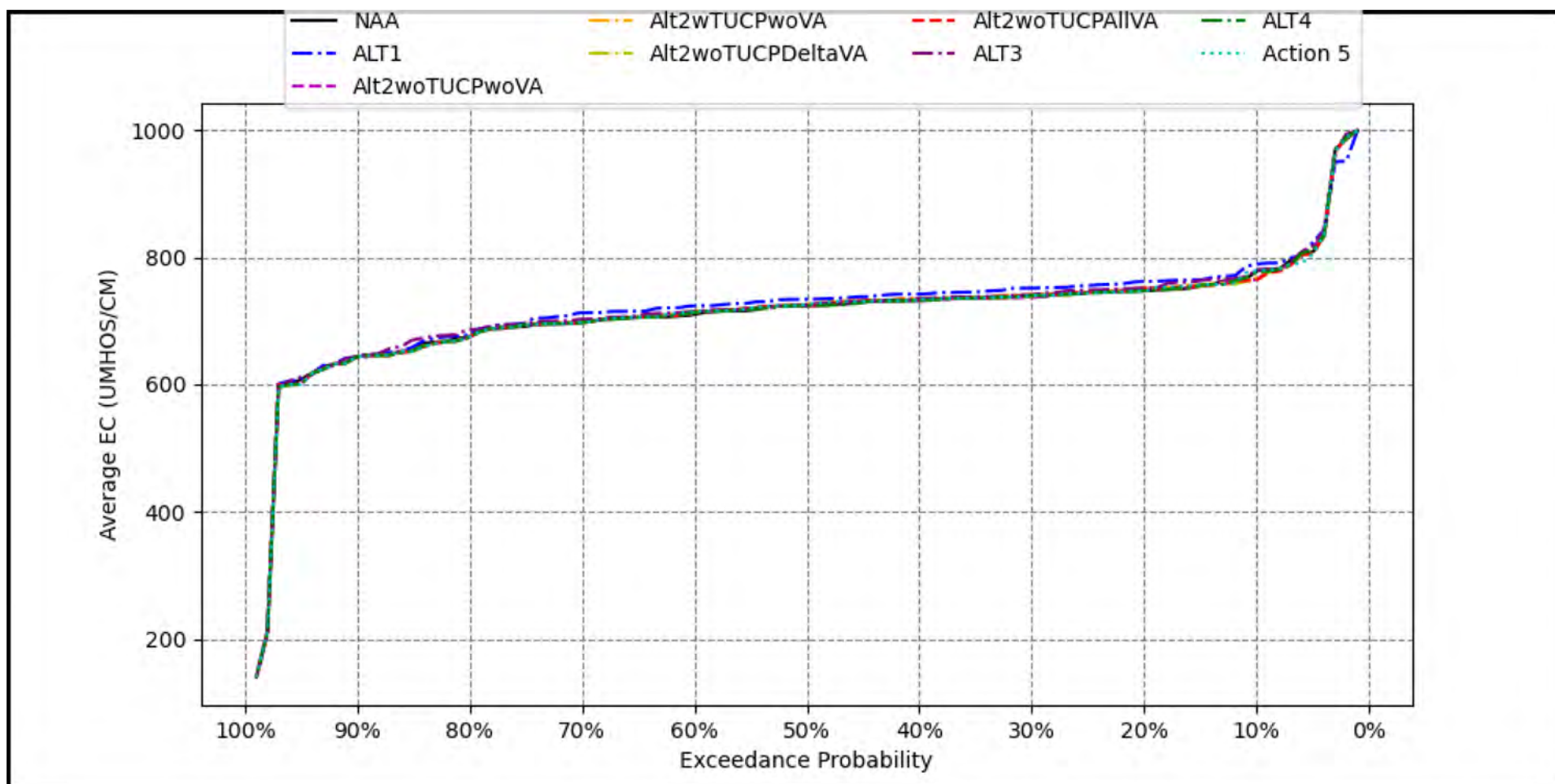
* Water Year Types defined by the 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

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



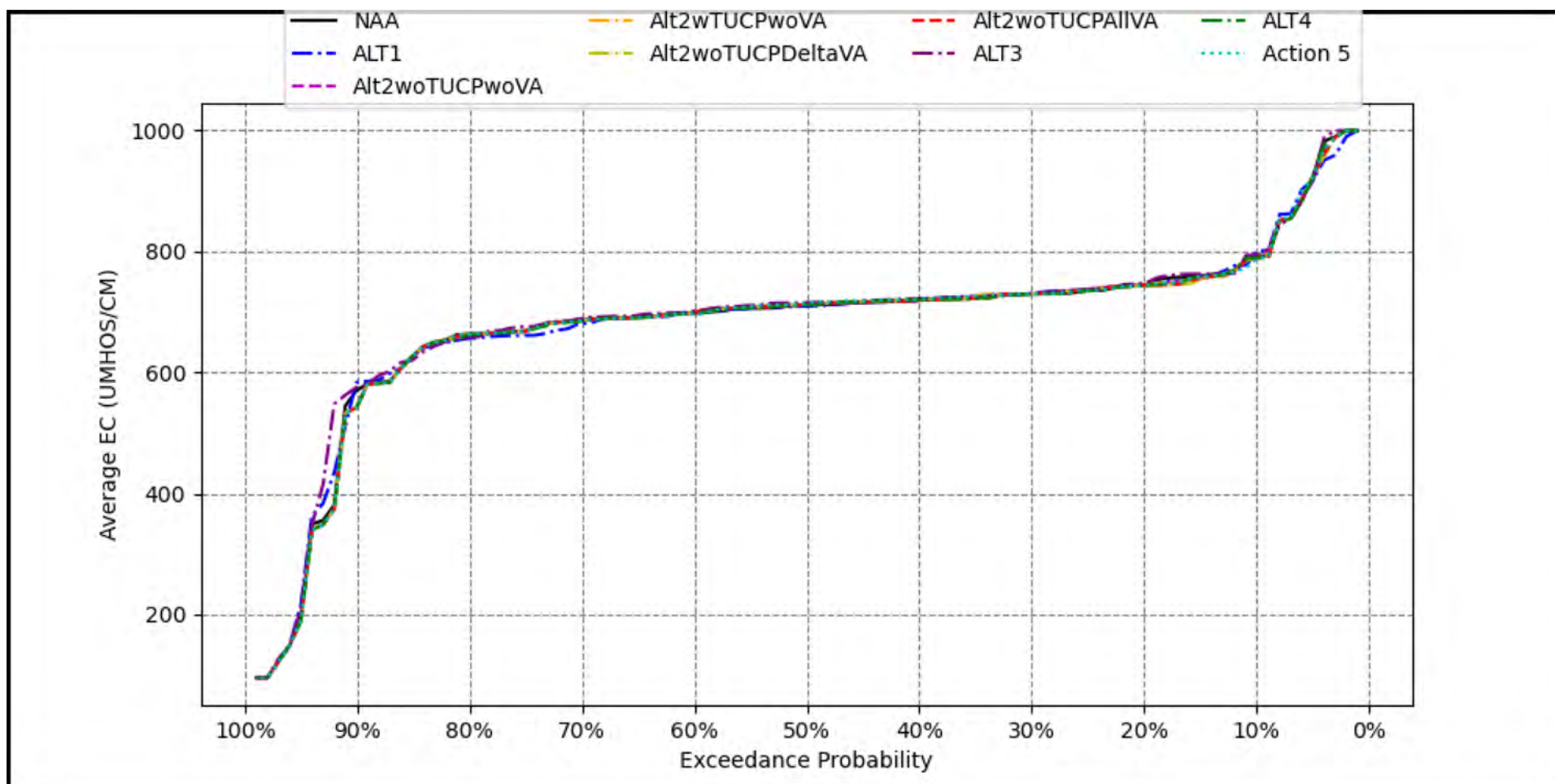
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-8-1 San Joaquin River at Vernalis Salinity (40-30-30), October EC



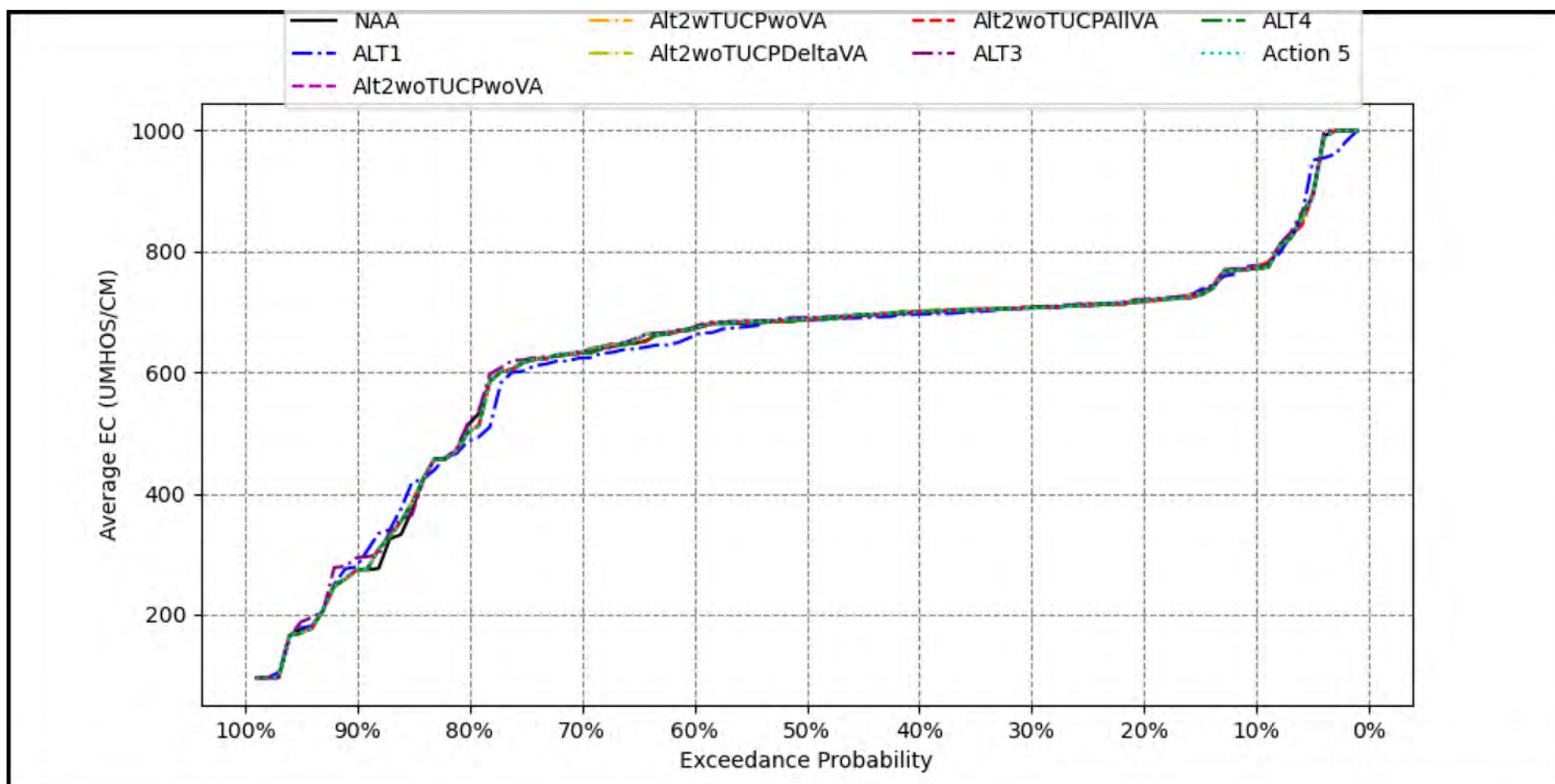
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-8-2 San Joaquin River at Vernalis Salinity (40-30-30), November EC



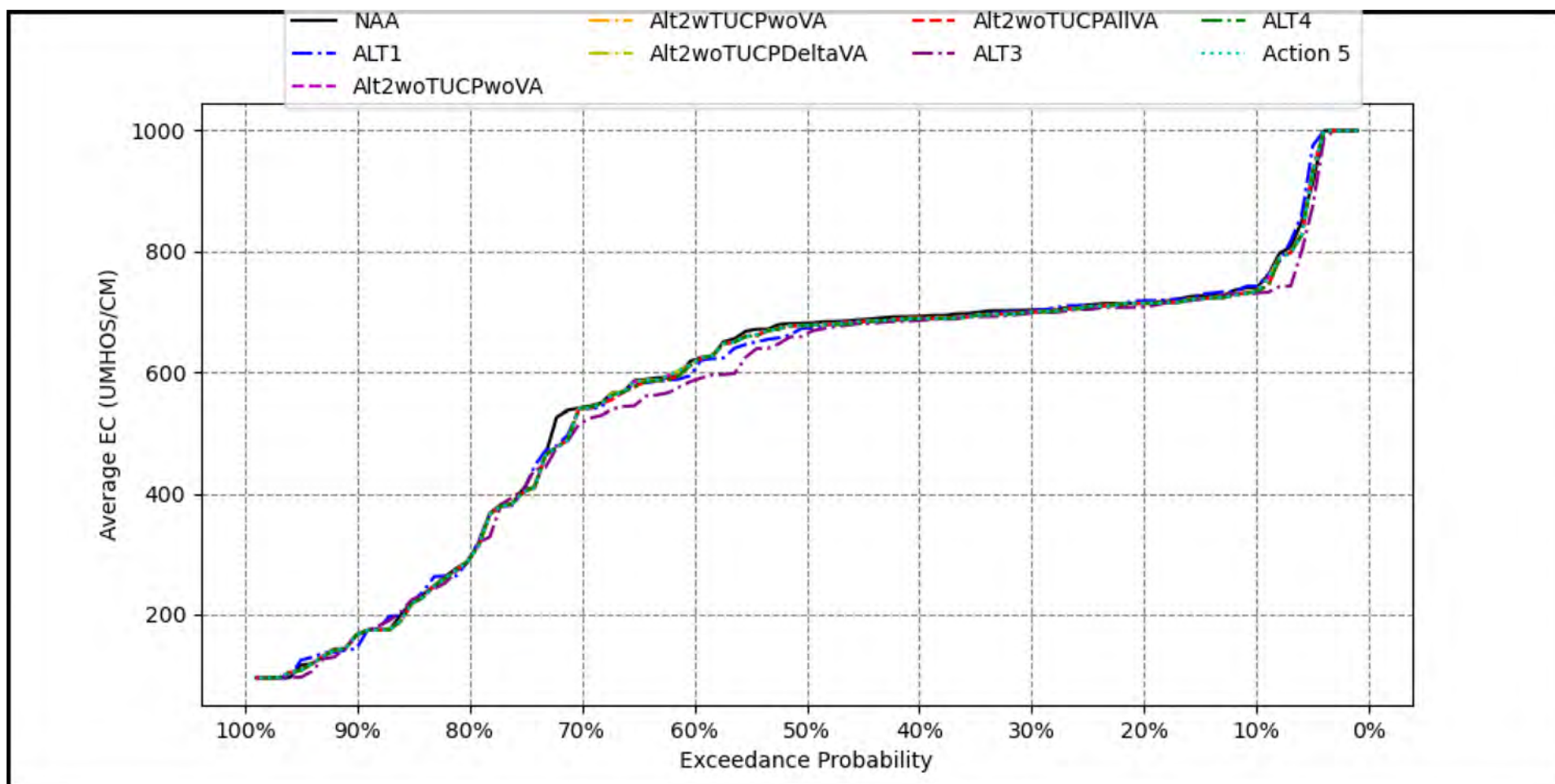
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-8-3 San Joaquin River at Vernalis Salinity (40-30-30), December EC



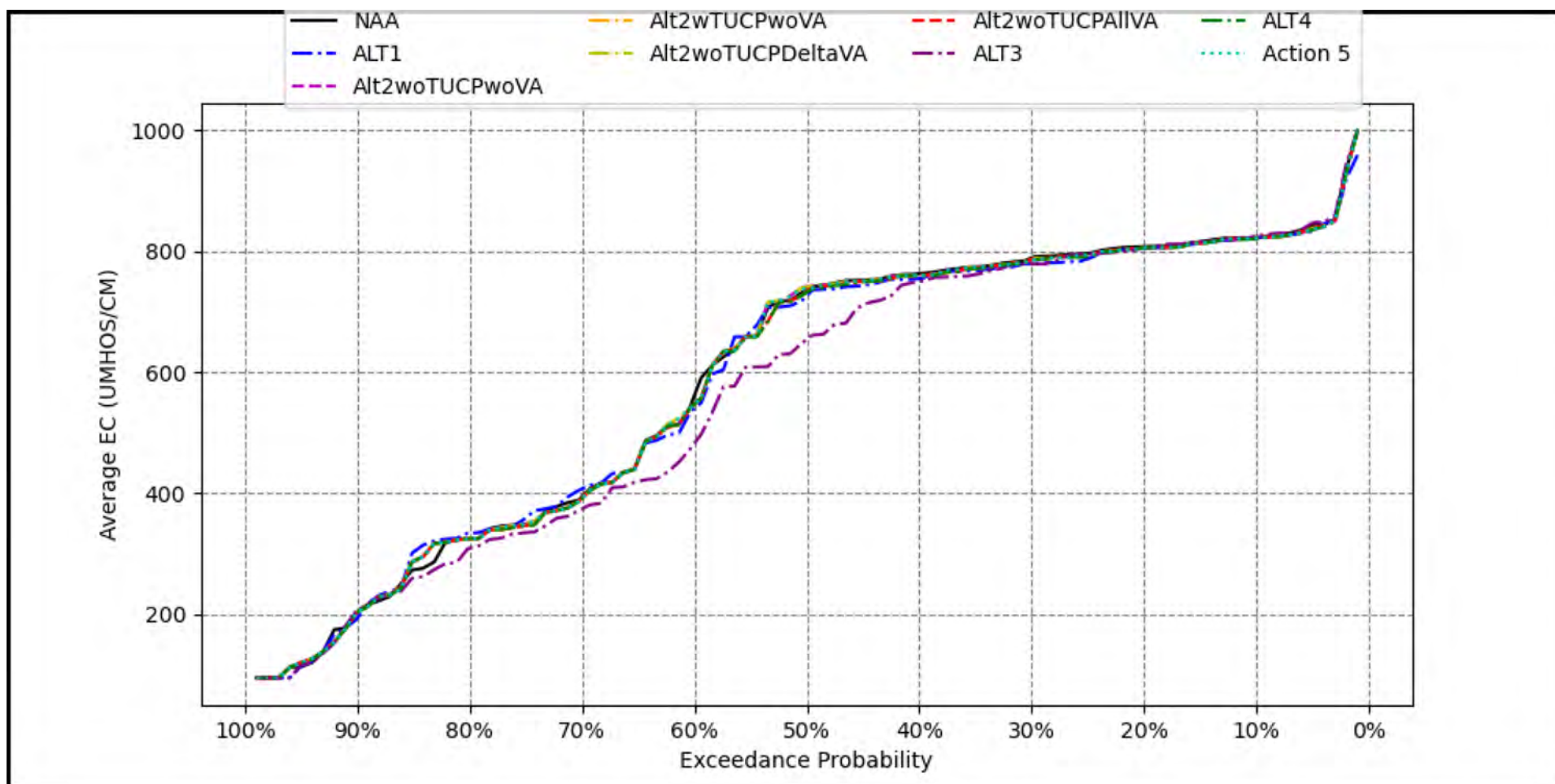
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-8-4 San Joaquin River at Vernalis Salinity (40-30-30), January EC



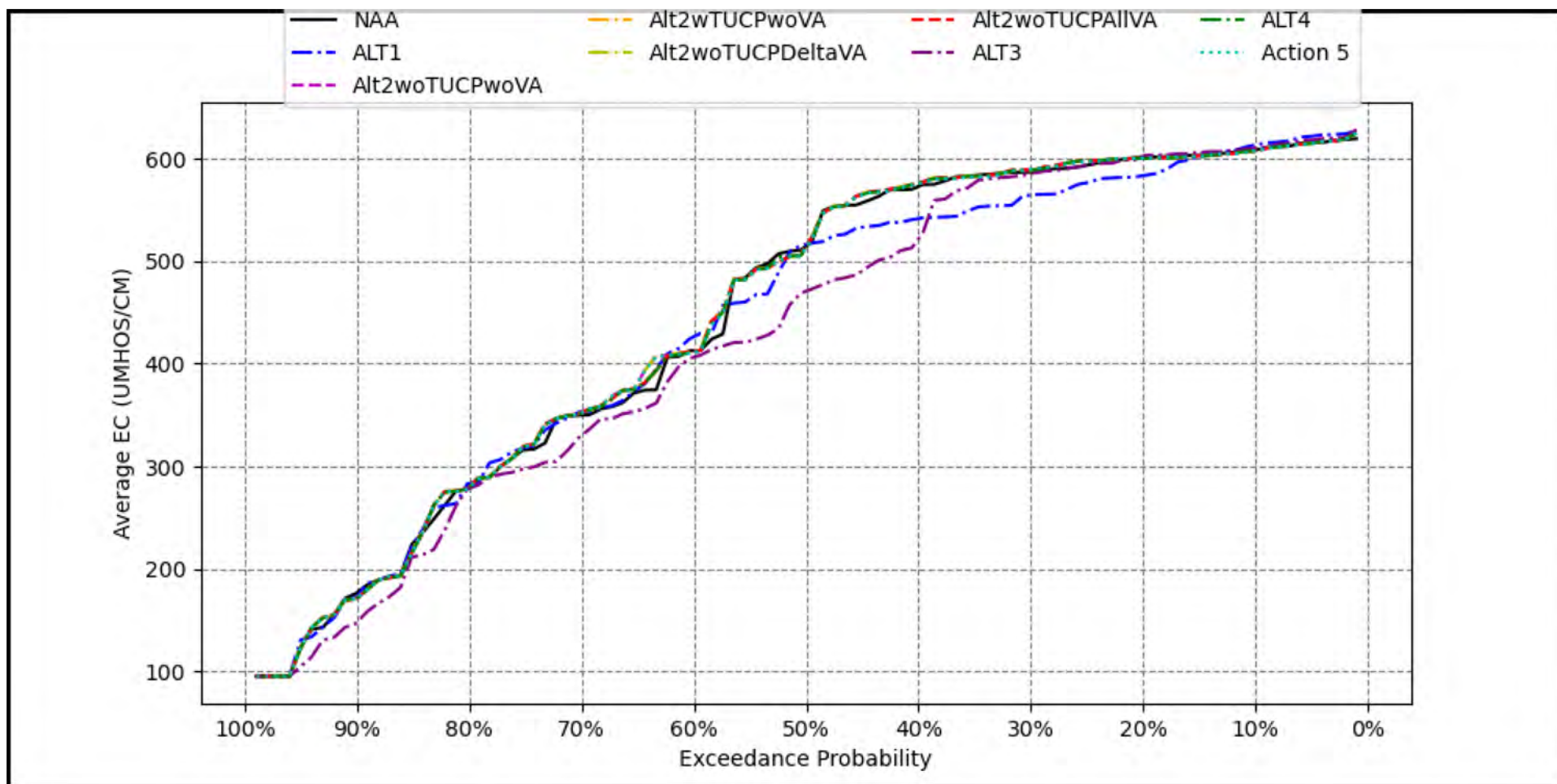
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-8-5 San Joaquin River at Vernalis Salinity (40-30-30), February EC



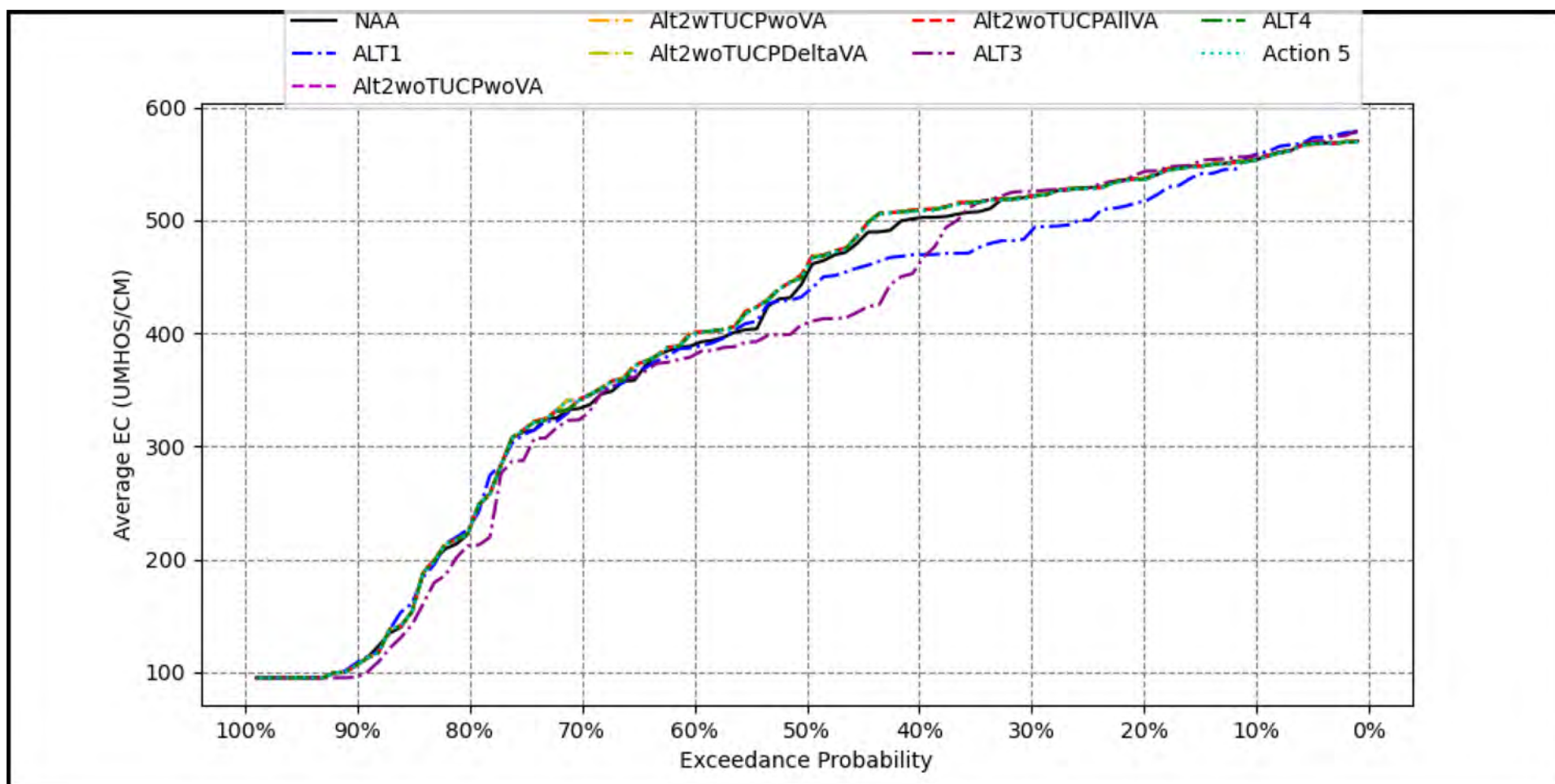
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-8-6 San Joaquin River at Vernalis Salinity (40-30-30), March EC



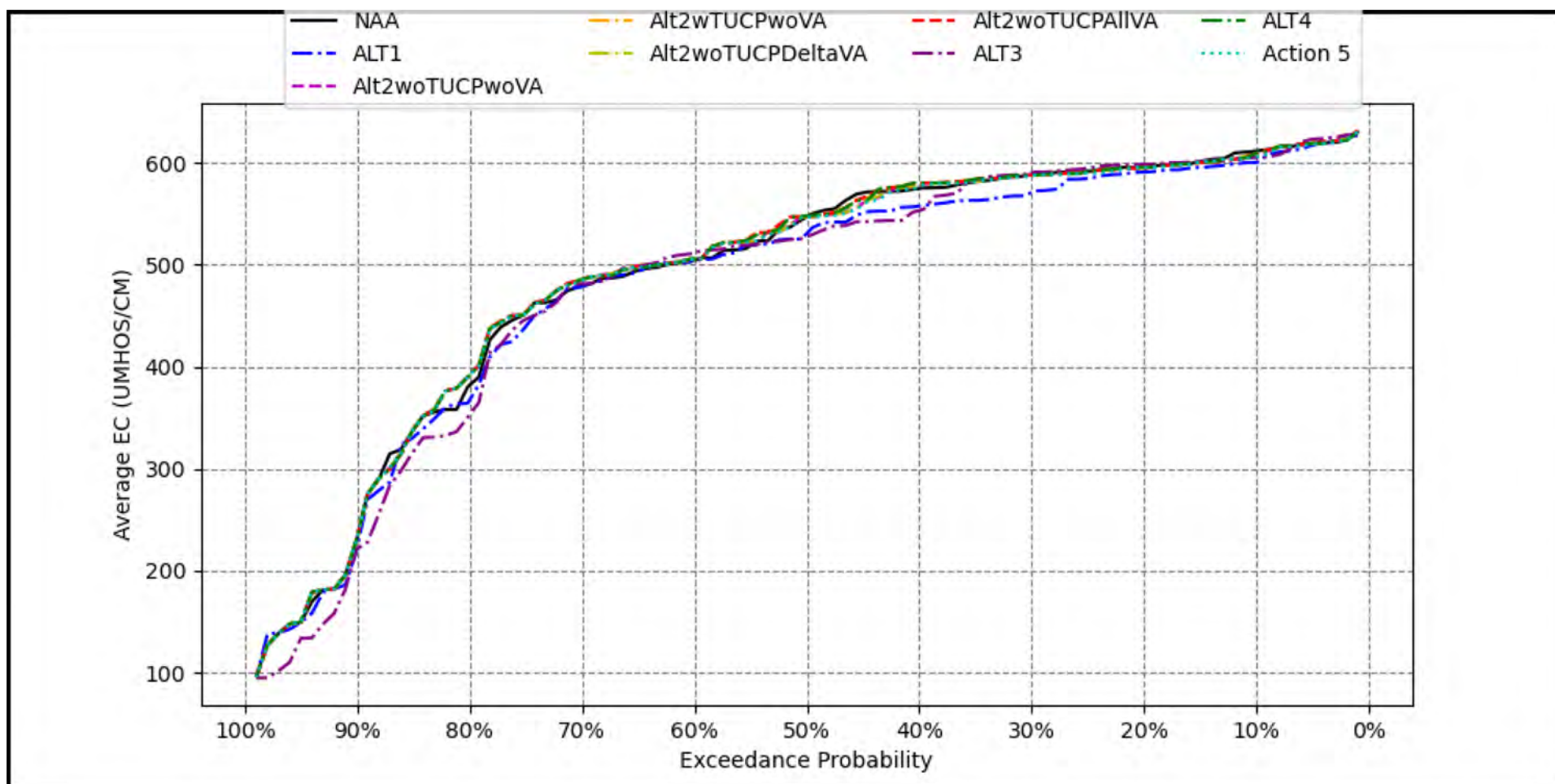
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-8-7 San Joaquin River at Vernalis Salinity (40-30-30), April EC



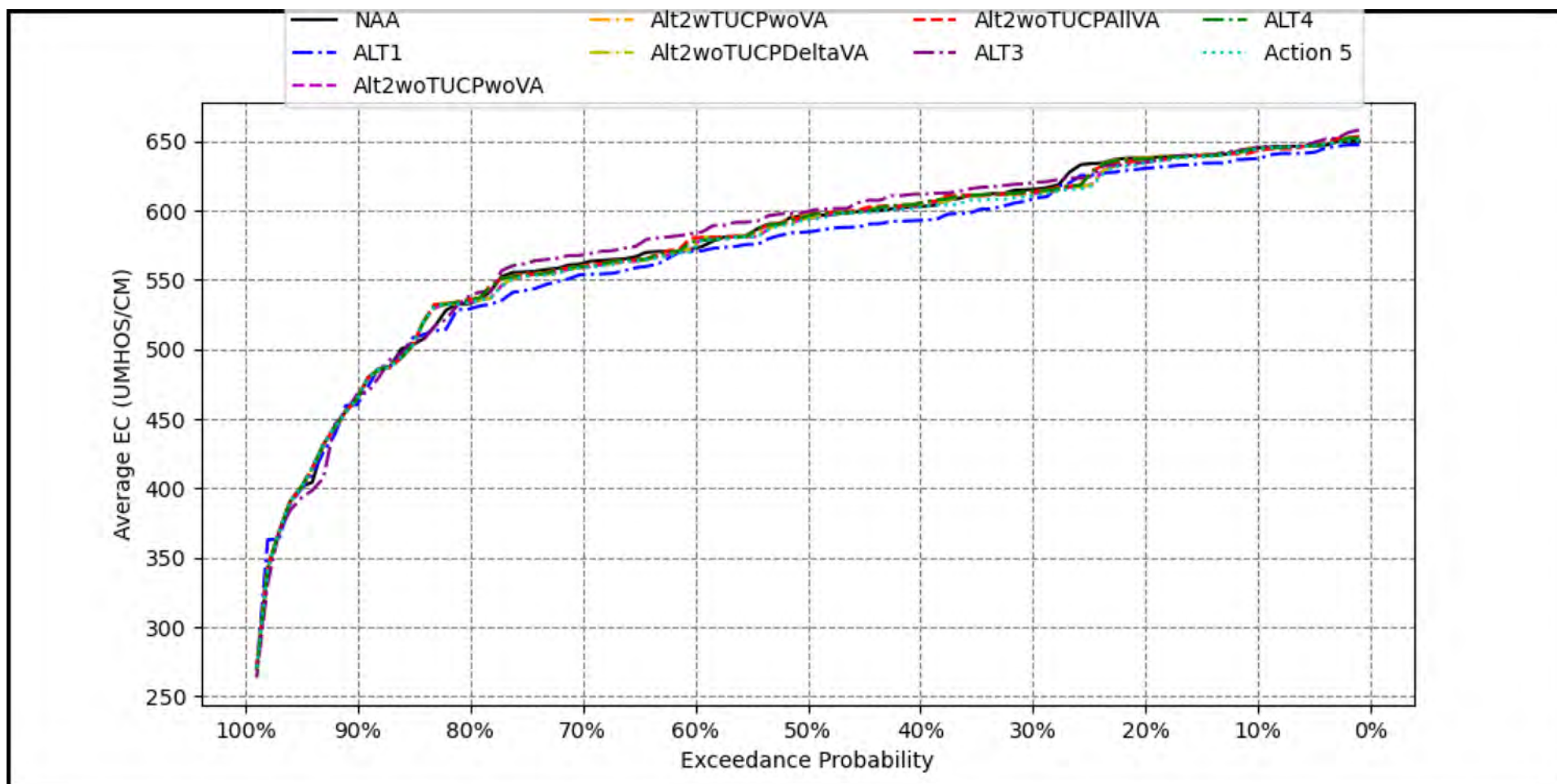
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-8-8 San Joaquin River at Vernalis Salinity (40-30-30), May EC



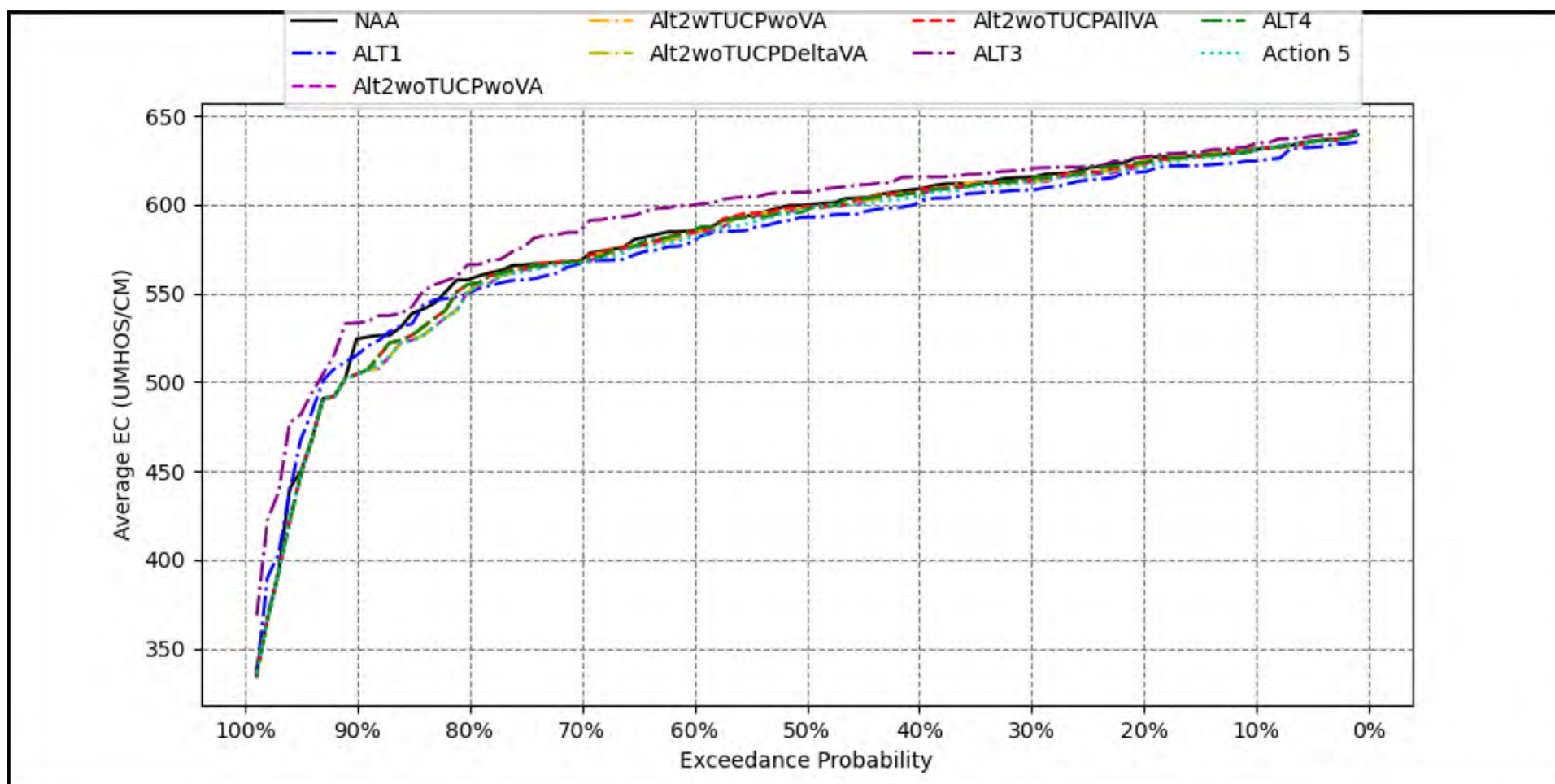
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-8-9 San Joaquin River at Vernalis Salinity (40-30-30), June EC



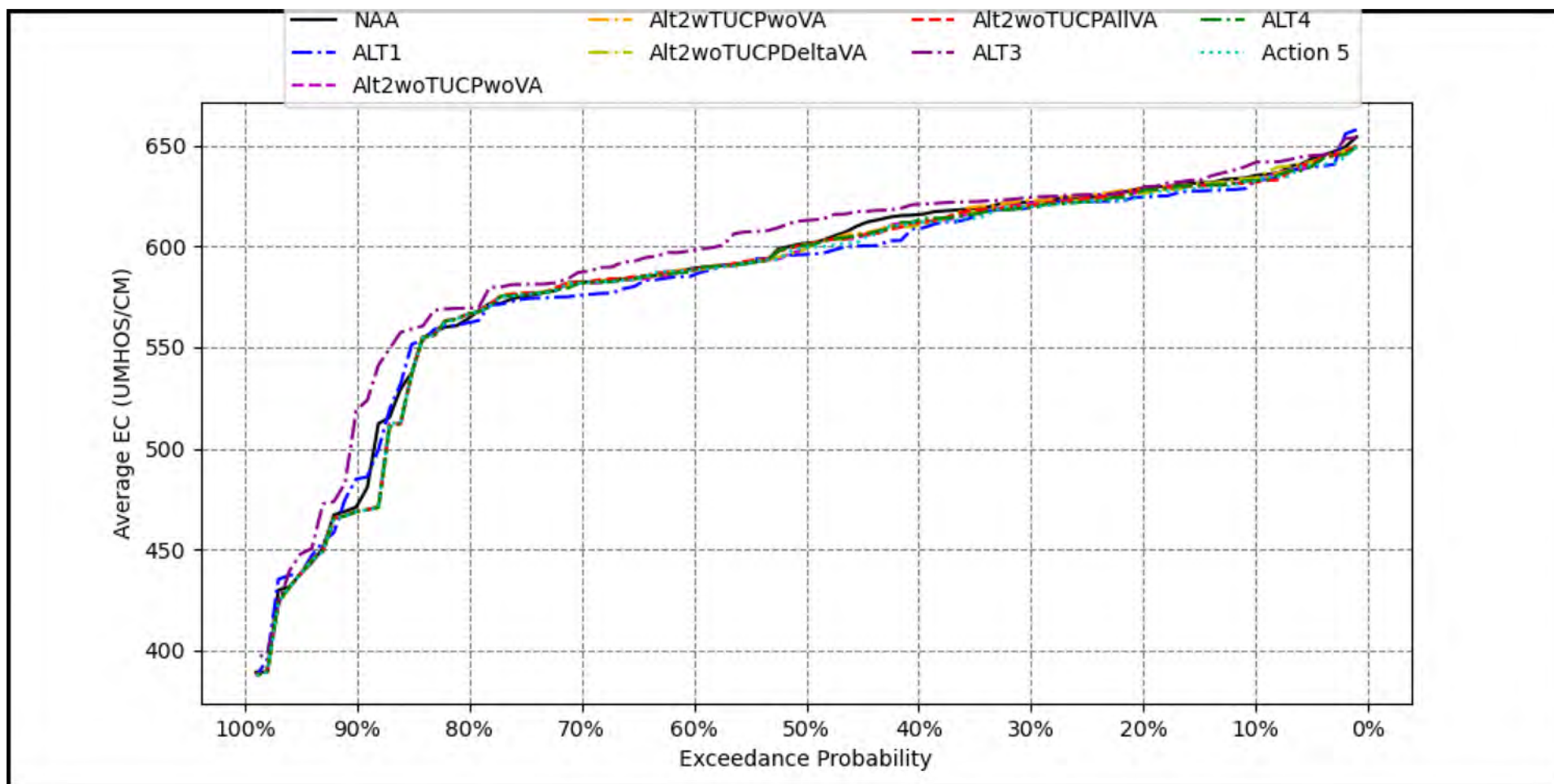
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-8-10 San Joaquin River at Vernalis Salinity (40-30-30), July EC



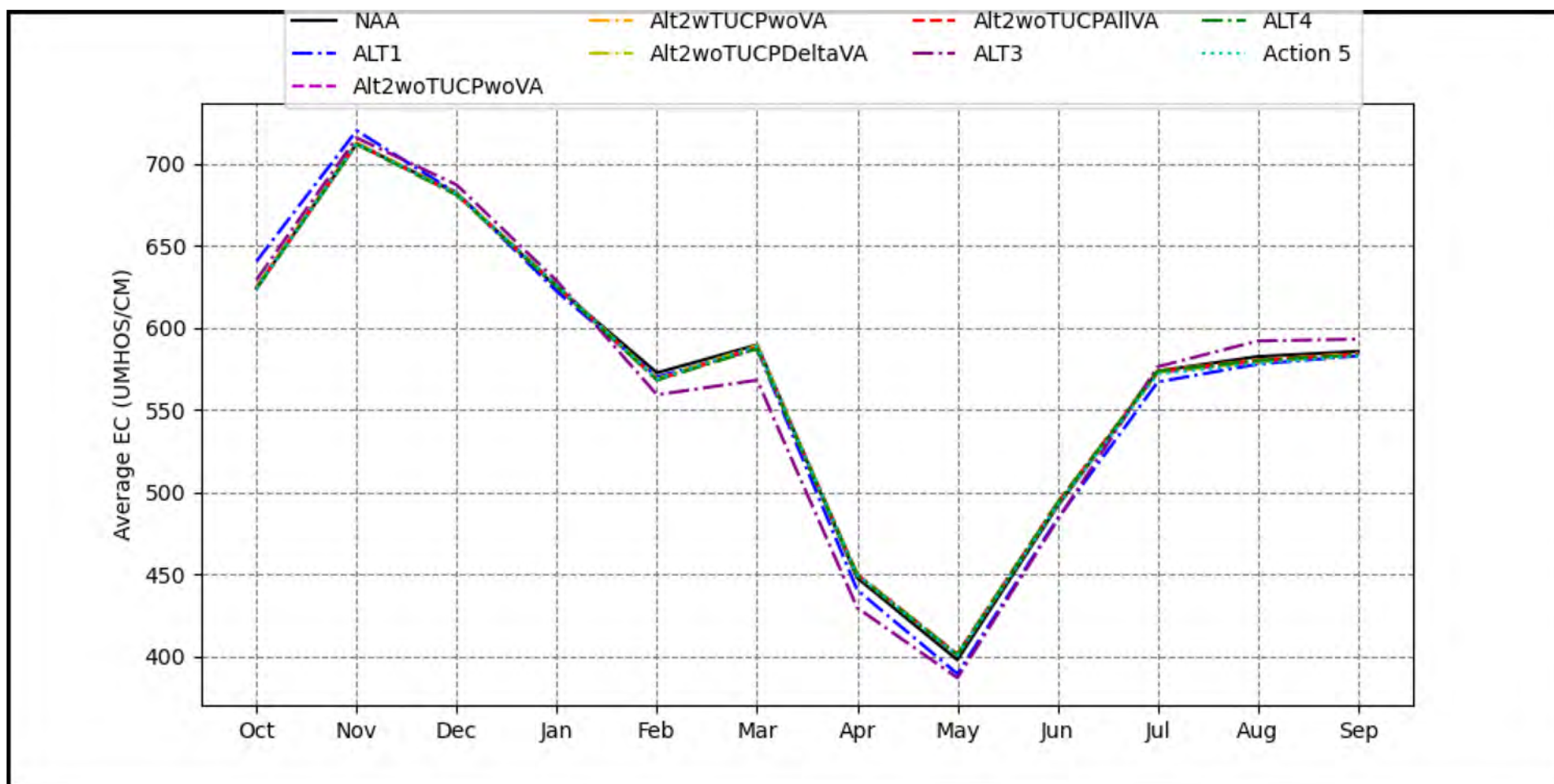
*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-8-11 San Joaquin River at Vernalis Salinity (40-30-30), August EC



*All scenarios are simulated at 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-8-12 San Joaquin River at Vernalis Salinity (40-30-30), September EC



*As defined by the 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 2022 Median climate condition and 15 cm sea level rise.

Figure F.2.5-8-13 San Joaquin River at Vernalis Salinity (40-30-30), Long Term Average EC (UMHOS/CM)