Performance Measures Scorecard for Sites Reservoir Potential Beneficiaries (non-economic measures)

	DCR 2015 without Project	DCR 2015 with Project	DCR 2015 with Project Reservoir minus DCR 2015 without Project		WSIP 2030 without Project	WSIP 2030 with Project	WSIP 2030 with Project Reservoir minus WSIP 2030 without Project		WSIP 2070 without Project	WSIP 2070 with Project	WSIP 2070 with Project Reservoir minus WSIP 2070 without Project	
			Difference	Relative Difference			Difference	Relative Difference			Difference	Relative Difference
Sites Facilities - Operations												
Conveyance Capacity												
Diversions to Sites Reservoir from the Sacramento River at Red Bluff (TCC), at Hamilton City (GCC) and at the New Delevan Pipeline can occur in any month; diversions of excess Delta flows are only allowed once SWRCB D-1641, CVPIA 3406(b)(2), 2008 FWS BiOps and 2009 NMFS BiOps requirements are met, SWP article 21 demands are satisified and other excess Delta flow diversions (FRWP, LV, FVB, etc) are satisified; diversions are restricted by Sacramento River bypass criteria at Red Bluff, Hamilton City, Wilkens Slough and Freeport and restrictions associated with protecting fish outmigration related pulse flows (7 days once a month when flow conditions provide)											
Sites Reservoir Fill from Sacramento River												
Diversions (OP-04)												
Annual (TAF/yr)												
Full Simulation Period	--	--	--	--	0	552	552	N/A	0	588	588	N/A
Dry	--	--	--	--	0	578	578	N/A	0	551	551	N/A
Critical	--	--	--	--	0	281	281	N/A	0	236	236	N/A
Storage Capacity												
Sites Resevoir storage fills during excess flow events throughout the winter and spring and drains during peak release periods throughout the summer and fall to achieve the benefits associated with the primary objectives of Water Supply, Water Quality and Ecosystem Enhancement												
Sites Reservoir												
End-of-Month Storage (OP-09)												
May (TAF)												
Full Simulation Period	--	--	--	--	0	1,459	1,459	N/A	0	1,390	1,390	N/A
Dry	--	--	--	--	0	1,309	1,309	N/A	0	1,276	1,276	N/A
Critical	--	--	--	--	0	810	810	N/A	0	637	637	N/A
September (TAF)												
Full Simulation Period	--	--	--	--	0	1,093	1,093	N/A	0	1,013	1,013	N/A
Dry	--	--	--	--	0	845	845	N/A	0	862	862	N/A
Critical	--	--	--	--	0	464	464	N/A	0	332	332	N/A

	DCR 2015 without Project	DCR 2015 with Project	DCR 2015 with Project Reservoir minus DCR 2015 without Project		WSIP 2030 without Project	WSIP 2030 with Project	WSIP 2030 with Project Reservoir minus WSIP 2030 without Project		WSIP 2070 without Project	WSIP 2070 with Project	WSIP 2070 with Project Reservoir minus WSIP 2070 without Project	
			Difference	Relative Difference			Difference	Relative Difference			Difference	Relative Difference
Primary Objective - Water Supply												
SWP Contractors												
State Water Project (SWP) water supply reliability												
SWP Contractors												
Deliveries (WS-SWP)												
Annual (TAF/yr)												
Full Simulation Period	--	--	--	--	2,573	2,573	0	0.0%	2,398	2,398	0	0.0%
Dry	--	--	--	--	1,881	1,881	0	0.0%	1,737	1,737	0	0.0%
Critical	--	--	--	--	1,105	1,105	0	**0.0%**	861	861	0	**0.0%**
SWP SOD M&I Service Contractors												
Allocations (WS-SWP)												
Annual (fraction)												
Full Simulation Period	--	--	--	--	0.62	0.62	0.00	0.0%	0.57	0.57	0.00	0.0%
Dry	--	--	--	--	0.44	0.44	0.00	0.0%	0.40	0.40	0.00	0.0%
Critical	--	--	--	--	0.25	0.25	0.00	**0.0%**	0.20	0.20	0.00	**0.0%**
REF. Level 4 Water Supply for Wildlife Refuges												
Refuge level 4 water supply needs; replacement of purchases of North-of-the-Delta (3.35 TAF/yr max) and South-of-the-Delta (101.09 TAF/Yr max) water to supplement refuges supplies up to level 4 criteria (CVPIA)												
Federal Wildlife Refuges												
Level 4 Water Supplies from Sites (WS-CVP)												
Annual (TAF/yr)												
Full Simulation Period	--	--	--	--	0	35	**35**	N/A	0	31	**31**	N/A
Dry	--	--	--	--	0	21	21	N/A	0	16	16	N/A
Critical	--	--	--	--	0	1	1	N/A	0	1	1	N/A
CVP Contractors												
Central Valley Project (CVP) water supply reliability												
CVP Ag and M&I Service, Settlement, and Exchange Contractors												
Deliveries (WS-CVP)												
Annual (TAF/yr)												
Full Simulation Period	--	--	--	--	4,286	4,280	-6	-0.1%	3,914	3,916	2	0.1%
Dry	--	--	--	--	3,855	3,863	8	**0.2%**	3,683	3,657	-25	**-0.7%**
Critical	--	--	--	--	3,385	3,412	27	0.8%	3,135	3,161	26	0.8%
CVP SOD Ag Service Contractors												
Allocations (WS-CVP)												
Annual (fraction)												
Full Simulation Period	--	--	--	--	0.44	0.44	0.00	-0.6%	0.29	0.29	0.00	0.4%
Dry	--	--	--	--	0.23	0.23	0.01	**2.8%**	0.16	0.16	-0.01	**-4.0%**
Critical	--	--	--	--	0.11	0.12	0.00	1.7%	0.04	0.04	0.00	1.5%
Sites deliveries to Sacramento Valley Participants												
Deliveries from Sites Reservoir to project participants												
Sites deliveries to Sacramento Valley Sites Project Participants (TCCA, GCID, RD 108, County of Colusa, and Western Canal WD)												
Delivery (WS-NDS)												
Annual (TAF/yr)												
Full Simulation Period	--	--	--	--	0	129	129	N/A	0	155	155	N/A
Dry	--	--	--	--	0	186	186	**N/A**	0	190	190	**N/A**
Critical	--	--	--	--	0	165	165	N/A	0	143	143	N/A
Sites deliveries to South of Delta Sites Project Participants												
Delivery (WS-NDS)												
Annual (TAF/yr)												
Full Simulation Period	--	--	--	--	0	99	99	N/A	0	112	112	N/A
Dry	--	--	--	--	0	223	223	**N/A**	0	295	295	**N/A**
Critical	--	--	--	--	0	213	213	N/A	0	155	155	N/A

	DCR 2015 without Project	DCR 2015 with Project	DCR 2015 with Project Reservoir minus DCR 2015 without Project		WSIP 2030 without Project	WSIP 2030 with Project	WSIP 2030 with Project Reservoir minus WSIP 2030 without Project		WSIP 2070 without Project	WSIP 2070 with Project	WSIP 2070 with Project Reservoir minus WSIP 2070 without Project	
			Difference	Relative Difference			Difference	Relative Difference			Difference	Relative Difference
Primary Objective - Ecosystem Enhancement Account (EEA) Actions												
EEA-1. Shasta Lake Cold Water Pool												
Improve the reliability of coldwater pool storage in Shasta Reservoir to increase the U.S. Bureau of Reclamation's operational flexibility to provide suitable water temperatures in the Sacramento River. This action would operationally translate into the increase of Shasta Reservoir May storage levels, and increased coldwater pool in storage, with particular emphasis on Below Normal, Dry and Critical water year types.												
Trinity Lake												
End-of-Month Storage (SW-01)												
May (TAF)												
Full Simulation Period	--	--	--	--	1,826	1,827	1	0.1%	1,689	1,693	5	0.3%
Dry	--	--	--	--	1,636	1,626	-11	-0.6%	1,453	1,471	17	1.2%
Critical	--	--	--	--	1,201	1,217	16	**1.3%**	1,016	1,024	9	**0.9%**
September (TAF)												
Full Simulation Period	--	--	--	--	1,320	1,312	-8	-0.6%	1,152	1,149	-3	-0.3%
Dry	--	--	--	--	1,104	1,093	-11	-1.0%	903	913	10	1.1%
Critical	--	--	--	--	800	807	7	**0.9%**	627	673	47	**7.5%**
Shasta Lake												
End-of-Month Storage (SW-07)												
May (TAF)												
Full Simulation Period	--	--	--	--	3,950	4,009	59	1.5%	3,681	3,761	80	2.2%
Dry	--	--	--	--	3,663	3,765	101	2.8%	3,386	3,478	92	2.7%
Critical	--	--	--	--	2,787	2,953	166	**6.0%**	2,157	2,428	271	**12.6%**
September (TAF)												
Full Simulation Period	--	--	--	--	2,544	2,627	83	3.3%	2,262	2,321	59	2.6%
Dry	--	--	--	--	2,457	2,514	57	2.3%	2,167	2,224	56	2.6%
Critical	--	--	--	--	1,515	1,696	181	**12.0%**	971	1,219	247	**25.5%**

	DCR 2015 without Project	DCR 2015 with Project	DCR 2015 with Project Reservoir minus DCR 2015 without Project		WSIP 2030 without Project	WSIP 2030 with Project	WSIP 2030 with Project Reservoir minus WSIP 2030 without Project		WSIP 2070 without Project	WSIP 2070 with Project	WSIP 2070 with Project Reservoir minus WSIP 2070 without Project	
			Difference	Relative Difference			Difference	Relative Difference			Difference	Relative Difference
EEA-2. Sacramento River Flows for Temperature Control												
Provide releases from Shasta Dam of appropriate water temperatures, and subsequently from Keswick Dam, to maintain mean daily water temperatures year-round at levels suitable for all species and lifestages of anadromous salmonids in the Sacramento River between Keswick Dam and Red Bluff Diversion Dam, with particular emphasis on the months of highest potential water temperature-related impacts (i.e., July through November) during Below Normal, Dry and Critical water year types.												
Trinity River below Lewiston												
Monthly Temperature (SQ-33)												
Jul-Sep (Deg-F)												
Full Simulation Period	--	--	--	--	51.1	51.1	0.0	-0.1%	51.9	51.8	-0.2	-0.3%
Dry	--	--	--	--	51.5	51.7	0.2	0.3%	52.7	52.4	-0.2	-0.4%
Critical	--	--	--	--	53.8	53.5	-0.2	**-0.4%**	55.4	54.8	-0.5	**-1.0%**
Clear Creek at Igo												
Monthly Temperature (SQ-37)												
Jul-Sep (Deg-F)												
Full Simulation Period	--	--	--	--	54.8	54.7	-0.1	-0.2%	55.7	55.7	0.1	0.1%
Dry	--	--	--	--	55.0	54.9	-0.1	-0.2%	56.0	56.1	0.0	0.1%
Critical	--	--	--	--	56.6	56.5	-0.1	**-0.2%**	58.1	57.9	-0.3	**-0.4%**
Sacramento River at Bonnyview												
Monthly Temperature (SQ-03)												
Jul-Sep (Deg-F)												
Full Simulation Period	--	--	--	--	53.6	53.6	0.0	0.0%	54.8	54.3	-0.5	-0.8%
Dry	--	--	--	--	54.3	54.1	-0.1	-0.3%	55.1	54.6	-0.5	-0.9%
Critical	--	--	--	--	56.5	55.9	-0.6	**-1.1%**	60.5	58.6	-1.8	**-3.0%**
Sacramento River at Balls Ferry												
Monthly Temperature (SQ-04)												
Jul-Sep (Deg-F)												
Full Simulation Period	--	--	--	--	55.2	55.2	-0.1	-0.1%	56.5	56.0	-0.5	-0.9%
Dry	--	--	--	--	56.0	55.7	-0.2	-0.4%	56.9	56.3	-0.6	-1.0%
Critical	--	--	--	--	58.1	57.5	-0.6	**-1.1%**	61.9	60.2	-1.7	**-2.7%**
Sacramento River at Jellys Ferry												
Monthly Temperature (SQ-05)												
Jul-Sep (Deg-F)												
Full Simulation Period	--	--	--	--	56.6	56.5	-0.1	-0.1%	57.9	57.4	-0.5	-0.9%
Dry	--	--	--	--	57.3	57.0	-0.3	-0.5%	58.4	57.7	-0.6	-1.1%
Critical	--	--	--	--	59.4	58.8	-0.6	**-1.0%**	63.0	61.5	-1.5	**-2.5%**
Sacramento River at Bend Bridge												
Monthly Temperature (SQ-06)												
Jul-Sep (Deg-F)												
Full Simulation Period	--	--	--	--	57.6	57.6	-0.1	-0.2%	59.0	58.5	-0.5	-0.9%
Dry	--	--	--	--	58.5	58.1	-0.3	-0.6%	59.5	58.8	-0.7	-1.1%
Critical	--	--	--	--	60.3	59.7	-0.6	**-1.0%**	63.8	62.4	-1.4	**-2.3%**
Chinook Salmon Production												
Sacramento River Winter Run Chinook Salmon	P	L	A	C	E	H	O	L	D	E	R	
Annual Production (AQ-01)												
Annual Production												
Full Simulation Period	--	--	--	--	--	--	--	--	--	--	--	--
Dry	--	--	--	--	--	--	--	--	--	--	--	--
Critical	--	--	--	--	--	--	--	--	--	--	--	--
Sacramento River Spring Run Chinook Salmon	P	L	A	C	E	H	O	L	D	E	R	
Annual Production (AQ-02)												
Annual Production												
Full Simulation Period	--	--	--	--	--	--	--	--	--	--	--	--
Dry	--	--	--	--	--	--	--	--	--	--	--	--
Critical	--	--	--	--	--	--	--	--	--	--	--	--
Sacramento River Fall Run Chinook Salmon	P	L	A	C	E	H	O	L	D	E	R	
Annual Production (AQ-03)												
Annual Production												
Full Simulation Period	--	--	--	--	--	--	--	--	--	--	--	--
Dry	--	--	--	--	--	--	--	--	--	--	--	--
Critical	--	--	--	--	--	--	--	--	--	--	--	--
Sacramento River Late-Fall Run Chinook Salmon	P	L	A	C	E	H	O	L	D	E	R	
Annual Production (AQ-04)												
Annual Production												
Full Simulation Period	--	--	--	--	--	--	--	--	--	--	--	--
Dry	--	--	--	--	--	--	--	--	--	--	--	--
Critical	--	--	--	--	--	--	--	--	--	--	--	--

	DCR 2015 without Project	DCR 2015 with Project	DCR 2015 with Project Reservoir minus DCR 2015 without Project		WSIP 2030 without Project	WSIP 2030 with Project	WSIP 2030 with Project Reservoir minus WSIP 2030 without Project		WSIP 2070 without Project	WSIP 2070 with Project	WSIP 2070 with Project Reservoir minus WSIP 2070 without Project	
			Difference	Relative Difference			Difference	Relative Difference			Difference	Relative Difference
EEA-3. Folsom Lake Cold Water Pool												
Increase the availability of coldwater pool storage in Folsom Reservoir, by increasing May storage and coldwater pool storage, to allow the U.S. Bureau of Reclamation additional operational flexibility to provide suitable water temperatures in the lower American River. This action would utilize additional coldwater pool storage by providing releases from Folsom Dam (and subsequently from Nimbus Dam) to maintain mean daily water temperatures at levels suitable for juvenile steelhead over-summer rearing and fall-run Chinook salmon spawning in the lower American River from May through November during all water year types.												
Folsom Lake												
End-of-Month Storage (SW-24)												
May (TAF)												
Full Simulation Period	--	--	--	--	769	764	-4	-0.5%	679	677	-2	-0.3%
Dry	--	--	--	--	699	692	-8	-1.1%	601	607	6	1.0%
Critical	--	--	--	**--**	476	473	-3	-0.6%	407	401	-5	**-1.3%**
September (TAF)												
Full Simulation Period	--	--	--	--	428	447	19	4.5%	377	396	19	5.2%
Dry	--	--	--	**--**	371	410	38	10.4%	349	373	24	6.7%
Critical	--	--	--	--	293	289	-4	**-1.4%**	235	246	11	**4.8%**
American River at Watt Ave												
Monthly Temperature (SQ-19)												
Jul-Sep (Deg-F)												
Full Simulation Period	--	--	--	--	70.6	69.9	-0.6	-0.9%	71.9	71.2	-0.7	-0.9%
Dry	--	--	--	--	70.7	70.5	-0.2	-0.4%	72.2	71.9	-0.3	-0.4%
Critical	--	--	--	**--**	73.6	73.1	-0.5	**-0.7%**	75.6	74.7	-0.9	**-1.2%**
EEA-4. Stabilize American River Flows												
Stabilize flows in the lower American River to minimize dewatering of fall-run Chinook salmon redds (i.e., October through March) and steelhead redds (i.e., January through May), and reduce isolation events (specifically, flow increases to 4,000 cfs with subsequent reduction to < 4,000 cfs) of juvenile anadromous salmonids, particularly from October through June. Reduce the reliance upon Folsom Reservoir as a "real-time, first response facility" to meet Delta objectives and demands, particularly from January through August, to reduce flow fluctuation and water temperature-related impacts to fall-run Chinook salmon and steelhead in the lower American River.												
N/A - Reporting Metrics require daily timestep modeling of flow operations to demonstrate how flexibility in storage operations supports stabilization of flows throughout late Fall through Spring.												
EEA-5. Yolo Bypass Flow Improvement												
Increase flows in the Yolo Bypass by 400 cfs in August, September, and October to promote food production for Delta Smelt												
Yolo Bypass Flow												
Increase in Volume (SW-31)												
Aug-Oct (TAF)												
Full Simulation Period	--	--	--	**--**	24	64	40	**163.2%**	20	58	38	**188.3%**
Dry	--	--	--		60	100	40	66.4%	37	59	22	58.4%
Critical	--	--	--	--	13	18	5	33.5%	9	22	13	150.4%

	DCR 2015 without Project	DCR 2015 with Project	DCR 2015 with Project Reservoir minus DCR 2015 without Project		WSIP 2030 without Project	WSIP 2030 with Project	WSIP 2030 with Project Reservoir minus WSIP 2030 without Project		WSIP 2070 without Project	WSIP 2070 with Project	WSIP 2070 with Project Reservoir minus WSIP 2070 without Project	
			Difference	Relative Difference			Difference	Relative Difference			Difference	Relative Difference
EEA-6. Lake Oroville Cold Water Pool												
Improve the reliability of coldwater pool storage in Oroville Reservoir to improve water temperature suitability for juvenile steelhead and spring-run Chinook salmon over-summer rearing, and fall-run Chinook salmon spawning in the lower Feather River from May through November during all water year types. (Improve storage conditions for:) Provide releases from Oroville Dam to maintain mean daily water temperatures at levels suitable for juvenile steelhead and spring-run Chinook salmon over-summer rearing, and fall-run Chinook salmon spawning in the lower Feather River. Stabilize flows in the lower Feather River to minimize redd dewatering, juvenile stranding and isolation of anadromous salmonids.												
Lake Oroville												
End-of-Month Storage (SW-18)												
May (TAF)												
Full Simulation Period	--	--	--	--	2,760	2,786	26	0.9%	2,620	2,651	31	1.2%
Dry	--	--	--	--	2,294	2,332	38	1.7%	2,167	2,206	39	1.8%
Critical	--	--	--	--	1,527	1,611	83	**5.5%**	1,507	1,618	111	**7.4%**
September (TAF)												
Full Simulation Period	--	--	--	--	1,469	1,528	59	4.0%	1,287	1,383	96	7.4%
Dry	--	--	--	--	1,146	1,195	49	4.3%	1,140	1,147	7	0.6%
Critical	--	--	--	--	901	924	23	**2.6%**	903	979	76	**8.4%**
EEA-7. Stabilize Sacramento River Fall Flows												
Stabilize flows in the Sacramento River between Keswick Dam and the Red Bluff Diversion Dam to minimize dewatering of fall-run Chinook salmon redds (for the spawning and embryo incubation lifestage periods extending from October through March), particularly during fall months. (avoid abrupt changes; operation limited to not greatly impact cold water pool operations in D and C years)												
Sacramento River below Keswick												
Monthly Flow (SW-10)												
Dec-Feb (cfs)												
Full Simulation Period	--	--	--	--	9,028	9,256	228	2.5%	9,459	9,617	157	1.7%
Below Normal	--	--	--	--	4,711	4,889	177	**3.8%**	5,479	5,693	214	**3.9%**
Dry	--	--	--	--	3,969	4,442	474	**11.9%**	3,736	3,964	228	**6.1%**
Critical	--	--	--	--	3,532	3,679	147	4.2%	3,531	3,810	279	7.9%

	DCR 2015 without Project	DCR 2015 with Project	DCR 2015 with Project Reservoir minus DCR 2015 without Project		WSIP 2030 without Project	WSIP 2030 with Project	WSIP 2030 with Project Reservoir minus WSIP 2030 without Project		WSIP 2070 without Project	WSIP 2070 with Project	WSIP 2070 with Project Reservoir minus WSIP 2070 without Project	
			Difference	Relative Difference			Difference	Relative Difference			Difference	Relative Difference
EEA-8. Sacramento River Diversion Reduction at Red Bluff and Hamilton City												
Provide increased flows from spring through fall in the lower Sacramento River by reducing diversions at Red Bluff Diversion Dam (into the Tehama-Colusa Canal) and at Hamilton City (into the Glenn-Colusa Irrigation District Canal), and by providing supplemental flows (at Delevan). This action will provide multiple benefits to riverine and estuarine habitats, and to anadromous fishes and estuarine-dependent species (e.g., delta smelt, splittail, longfin smelt, Sacramento splittail, starry flounder, and Crangon franciscorum) by reducing entrainment, providing or augmenting transport flows, increasing habitat availability, increasing productivity, and improving nutrient transport and food availability											
Glenn Colusa Canal, Hamilton City Intake												
Diversions (OP-02a)												
Jun-Aug volume above diversion rate of 2000 cfs (TAF/season)												
Full Simulation Period	--	--	--	--	114	84	-30	**-26.2%**	114	87	-27	**-24.0%**
Dry	--	--	--	--	123	69	-54	-44.0%	123	75	-48	-38.9%
Critical	--	--	--	--	76	53	-23	-30.3%	76	51	-24	-32.0%
Tehama Colusa Canal, Red Bluff Intake and Glenn Colusa Canal, Hamilton City Intake												
Diversions (OP-01a and 02a)												
Jun-Aug volume (TAF/season)												
Full Simulation Period	--	--	--	--	584	524	-59	**-10.2%**	545	504	-41	**-7.6%**
Dry	--	--	--	--	543	473	-70	-12.9%	527	476	-51	-9.7%
Critical	--	--	--	--	460	405	-55	-11.9%	433	371	-62	-14.2%
Secondary Objective - Additional Water Supply												
ADD. Additonal Water Supply												
Provide additional surface storage across the Sacramento Valley water resources system												
Trinity Lake, Shasta Lake, Lake Oroville and Folsom Lake and Sites Reservoir												
Total Combined End-of-Month Storage (SW-01, 07, 18, 24 and OP-09)												
May (TAF)												
Full Simulation Period	--	--	--	--	9,304	10,845	1,541	**16.6%**	8,670	10,173	1,503	**17.3%**
Dry	--	--	--	--	8,293	9,723	1,430	17.2%	7,607	9,037	1,430	18.8%
Critical	--	--	--	--	5,991	7,063	1,072	17.9%	5,087	6,109	1,022	20.1%
September (TAF)												
Full Simulation Period	--	--	--	--	5,761	7,007	1,246	**21.6%**	5,077	6,262	1,185	**23.3%**
Dry	--	--	--	--	5,078	6,057	978	19.3%	4,560	5,519	959	21.0%
Critical	--	--	--	--	3,509	4,179	670	19.1%	2,736	3,449	713	26.1%

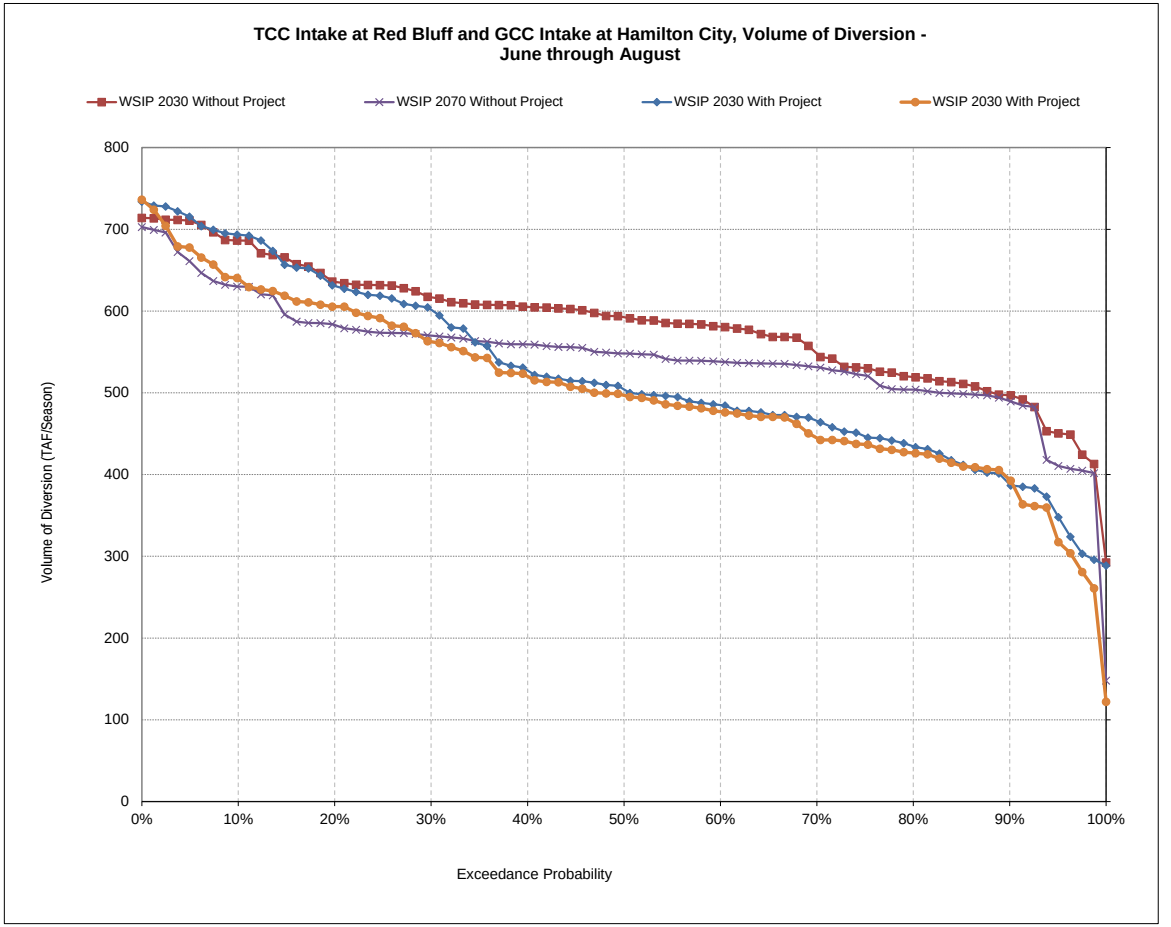
TCC Intake at Red Bluff and GCC Intake at Hamilton City, Volume of Diversion
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	June through August Volume of Diversion (TAF/Season) DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	2,396	2,260
Alternative	--	2,154	2,003
Difference	--	-242	-257
Percent Difference[3]	--	-10.1%	-11.4%
Water Year Types[2]			
Wet			
Basis of Comparison	--	2,531	2,340
Alternative	--	2,423	2,166
Difference	--	-108	-175
Percent Difference	--	-4.3%	-7.5%
Above Normal			
Basis of Comparison	--	2,519	2,318
Alternative	--	2,353	2,270
Difference	--	-166	-48
Percent Difference	--	-6.6%	-2.1%
Below Normal			
Basis of Comparison	--	2,429	2,294
Alternative	--	2,304	2,169
Difference	--	-125	-125
Percent Difference	--	-5.2%	-5.4%
Dry			
Basis of Comparison	--	2,346	2,277
Alternative	--	2,001	1,893
Difference	--	-345	-384
Percent Difference	--	-14.7%	-16.9%
Critical			
Basis of Comparison	--	2,010	1,965
Alternative	--	1,387	1,406
Difference	--	-623	-559
Percent Difference	--	-31.0%	-28.4%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

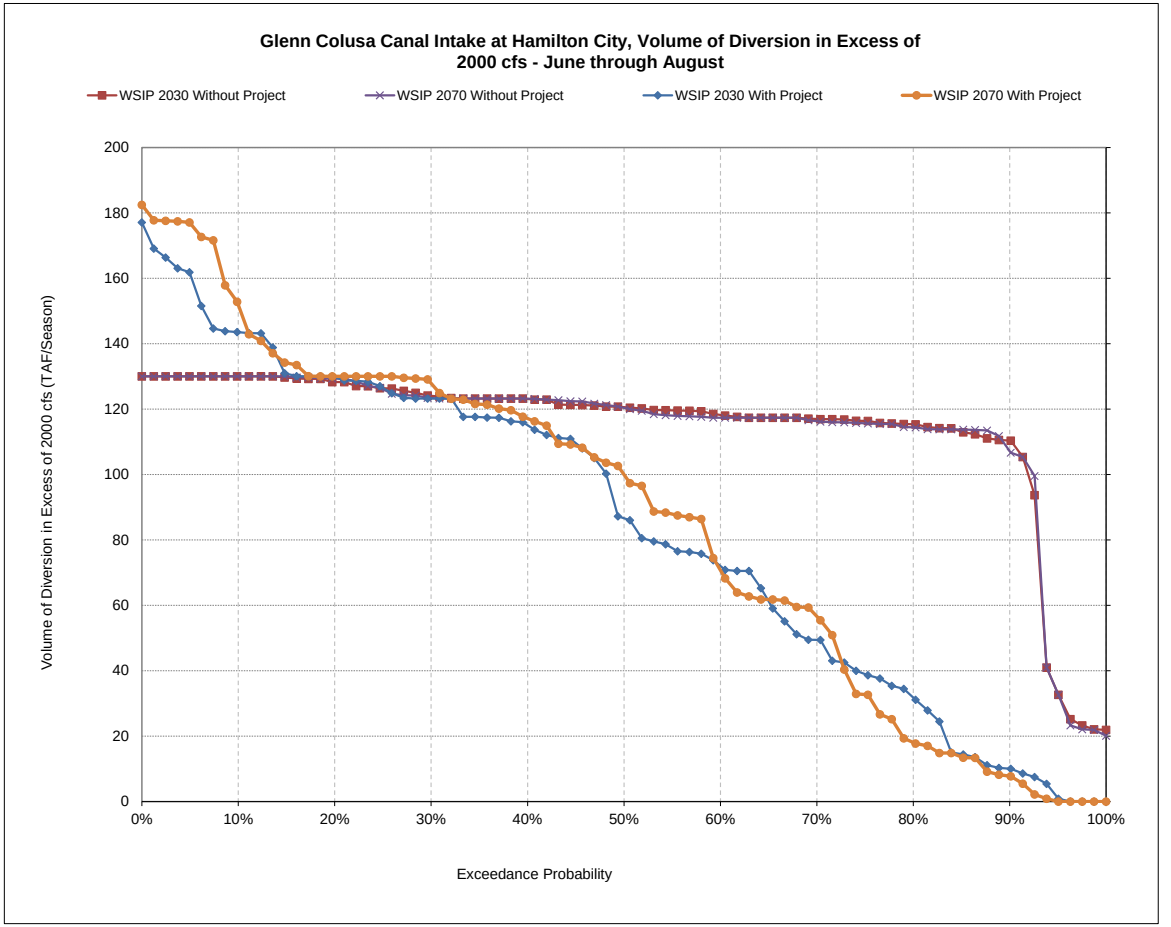
Glenn Colusa Canal Intake at Hamilton City, Volume of Diversion in Excess of 2000 cfs
Long-term Average and Average by Water Year Type

	June through August		
	Volume of Diversion in Excess of 2000 cfs (TAF/Season)		
Alternative:	DCR 2015 without Project	WSIP 2030 without Project	WSIP 2070 without Project
vs.	vs.	vs.	vs.
Basis of Comparison:	DCR 2015 with Project	WSIP 2030 with Project	WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	2,099	2,106
Alternative	--	1,879	1,819
Difference	--	-221	-288
Percent Difference[3]	--	-10.5%	-13.7%
Water Year Types[2]			
Wet			
Basis of Comparison	--	2,090	2,088
Alternative	--	2,066	1,910
Difference	--	-24	-178
Percent Difference	--	-1.2%	-8.5%
Above Normal			
Basis of Comparison	--	2,105	2,116
Alternative	--	1,952	2,001
Difference	--	-153	-115
Percent Difference	--	-7.3%	-5.4%
Below Normal			
Basis of Comparison	--	2,162	2,190
Alternative	--	2,006	2,005
Difference	--	-156	-185
Percent Difference	--	-7.2%	-8.5%
Dry			
Basis of Comparison	--	2,203	2,198
Alternative	--	1,879	1,789
Difference	--	-325	-409
Percent Difference	--	-14.7%	-18.6%
Critical			
Basis of Comparison	--	1,886	1,893
Alternative	--	1,238	1,299
Difference	--	-649	-594
Percent Difference	--	-34.4%	-31.4%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

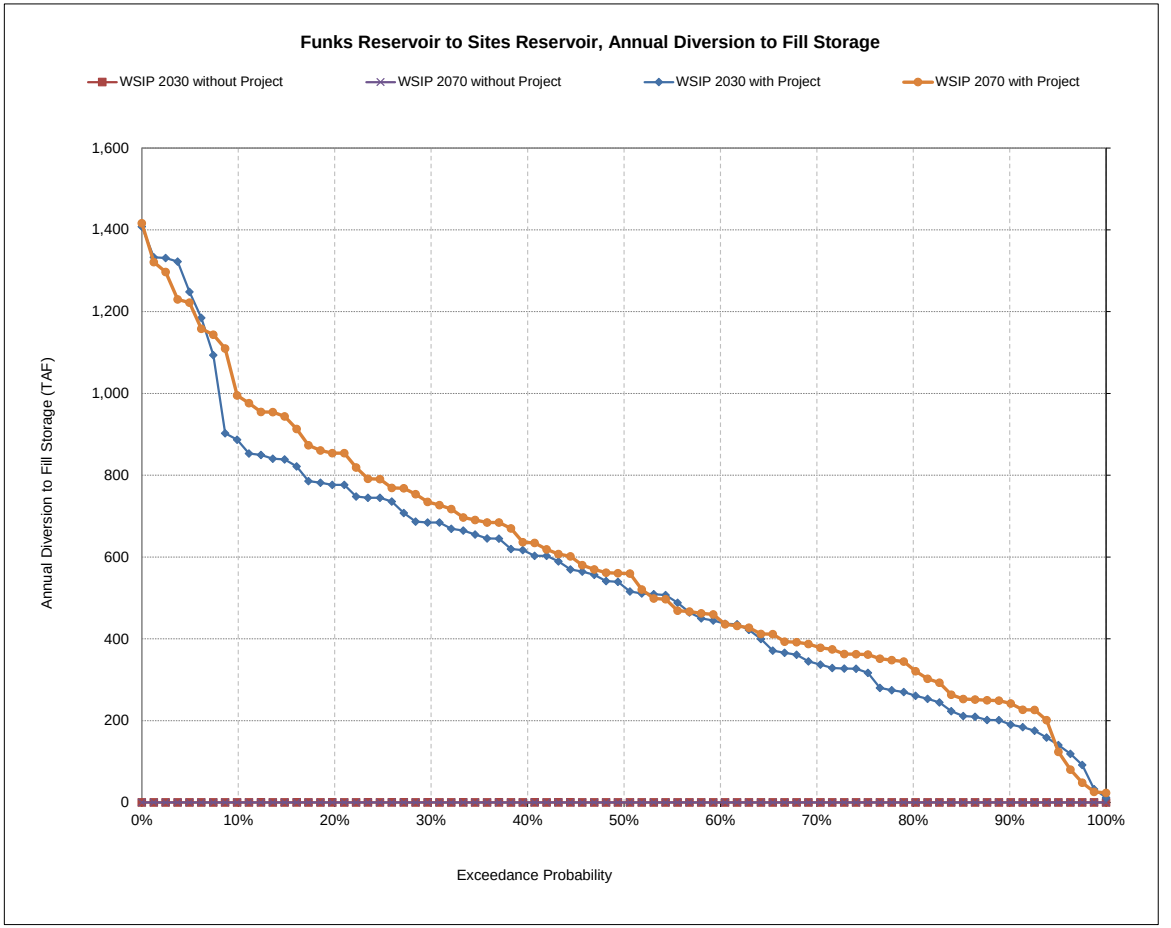
Funks Reservoir to Sites Reservoir, Annual Diversion to Fill Storage
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	Annual Diversion to Fill Storage (TAF) DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	0	0
Alternative	--	552	588
Difference	--	552	588
Percent Difference[3]	--		
Water Year Types[2]			
Wet			
Basis of Comparison	0	0	0
Alternative	0	672	715
Difference	0	672	715
Percent Difference			
Above Normal			
Basis of Comparison	0	0	0
Alternative	0	572	717
Difference	0	572	717
Percent Difference			
Below Normal			
Basis of Comparison	0	0	0
Alternative	0	528	607
Difference	0	528	607
Percent Difference			
Dry			
Basis of Comparison	0	0	0
Alternative	0	578	551
Difference	0	578	551
Percent Difference			
Critical			
Basis of Comparison	0	0	0
Alternative	0	281	236
Difference	0	281	236
Percent Difference			

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

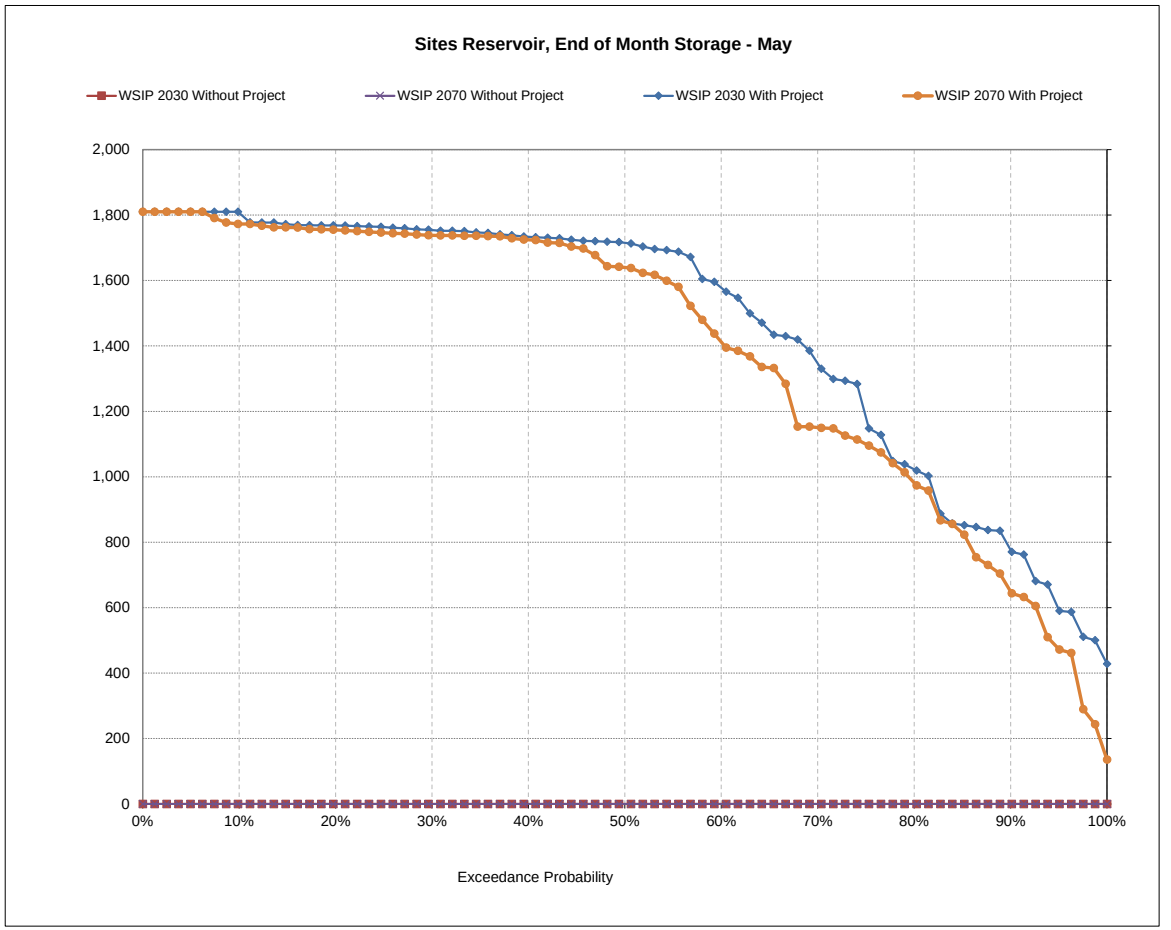
Sites Reservoir, End of Month Storage
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	0	0
Alternative	--	1,459	1,390
Difference	--	1,459	1,390
Percent Difference[3]	--		
Water Year Types[2]			
Wet			
Basis of Comparison	0	0	0
Alternative	0	1,730	1,710
Difference	0	1,730	1,710
Percent Difference			
Above Normal			
Basis of Comparison	0	0	0
Alternative	0	1,680	1,622
Difference	0	1,680	1,622
Percent Difference			
Below Normal			
Basis of Comparison	0	0	0
Alternative	0	1,504	1,423
Difference	0	1,504	1,423
Percent Difference			
Dry			
Basis of Comparison	0	0	0
Alternative	0	1,309	1,276
Difference	0	1,309	1,276
Percent Difference			
Critical			
Basis of Comparison	0	0	0
Alternative	0	810	637
Difference	0	810	637
Percent Difference			

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

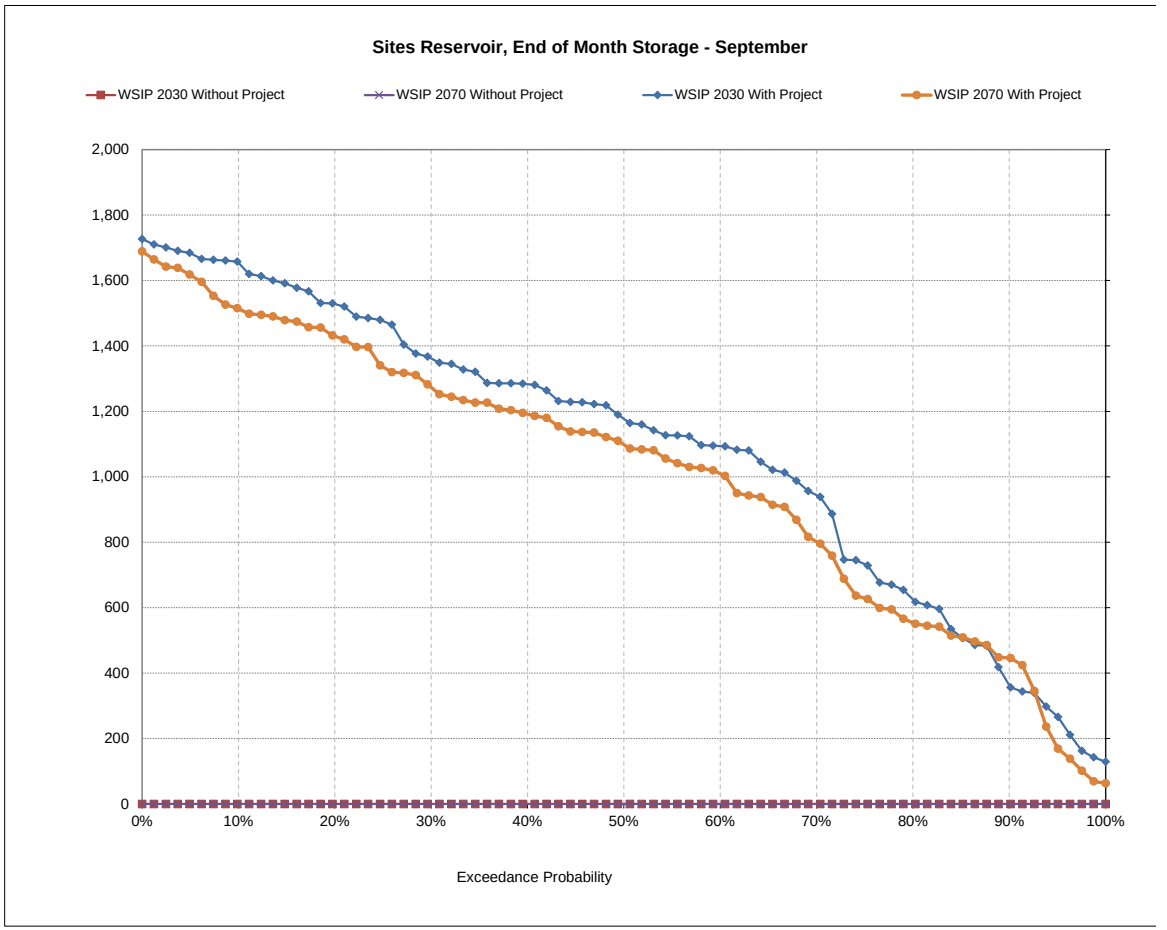
Sites Reservoir, End of Month Storage
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
	Long-term		
Full Simulation Period[1]			
Basis of Comparison	--	0	0
Alternative	--	1,093	1,013
Difference	--	1,093	1,013
Percent Difference[3]	--		
	Water Year Types[2]		
Wet			
Basis of Comparison	0	0	0
Alternative	0	1,552	1,436
Difference	0	1,552	1,436
Percent Difference			
Above Normal			
Basis of Comparison	0	0	0
Alternative	0	1,200	1,107
Difference	0	1,200	1,107
Percent Difference			
Below Normal			
Basis of Comparison	0	0	0
Alternative	0	1,019	948
Difference	0	1,019	948
Percent Difference			
Dry			
Basis of Comparison	0	0	0
Alternative	0	845	862
Difference	0	845	862
Percent Difference			
Critical			
Basis of Comparison	0	0	0
Alternative	0	464	332
Difference	0	464	332
Percent Difference			

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

X2, Monthly Position

Long-term Average and Average by Water Year Type

July through August Average

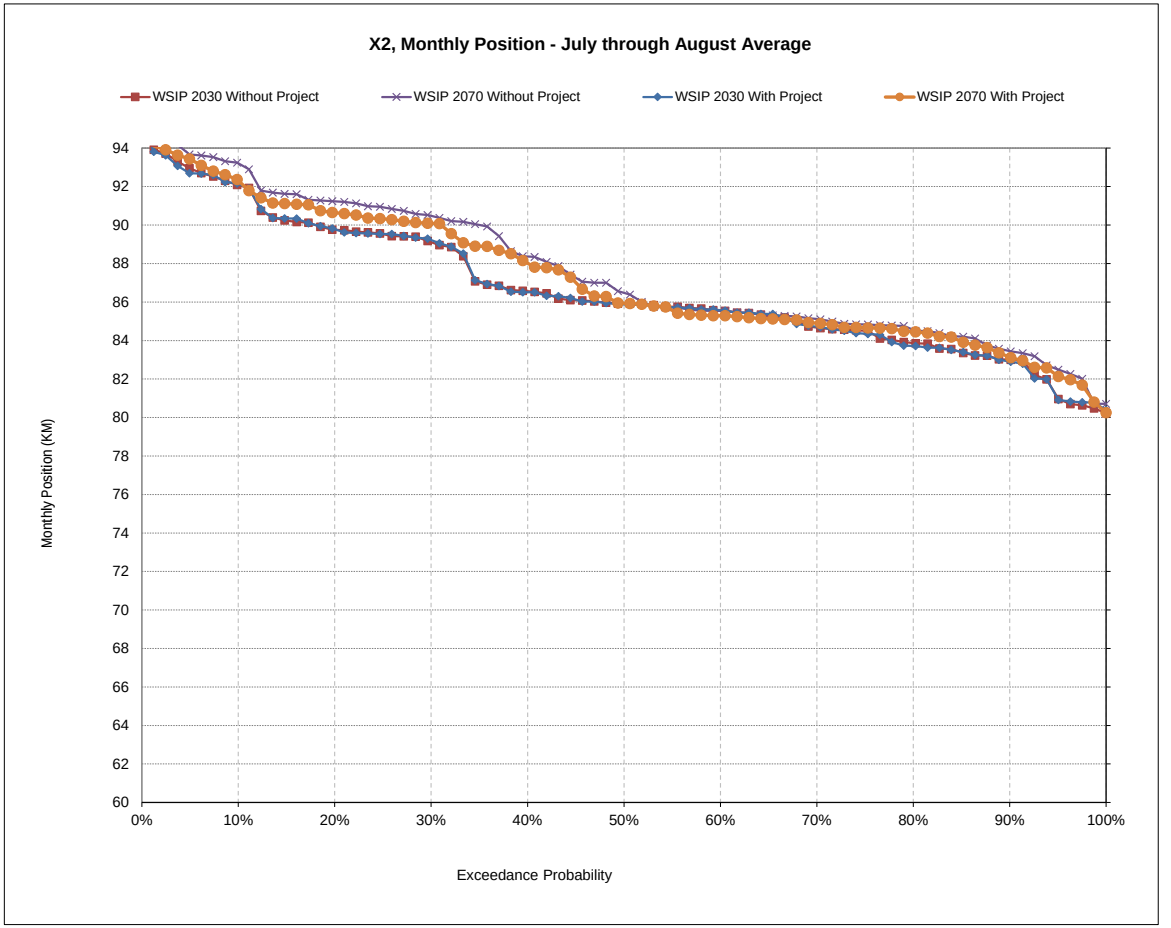
Monthly Position (KM)

Alternative:	DCR 2015 without Project	WSIP 2030 without Project	WSIP 2070 without Project
vs.	vs.	vs.	vs.
Basis of Comparison:	DCR 2015 with Project	WSIP 2030 with Project	WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	87	88
Alternative	--	87	87
Difference	--	0	0
Percent Difference[3]	--	0.0%	-0.4%
Water Year Types[2]			
Wet			
Basis of Comparison	--	84	85
Alternative	--	84	84
Difference	--	0	0
Percent Difference	--	0.0%	-0.2%
Above Normal			
Basis of Comparison	--	84	84
Alternative	--	84	84
Difference	--	0	0
Percent Difference	--	-0.1%	-0.5%
Below Normal			
Basis of Comparison	--	86	87
Alternative	--	86	86
Difference	--	0	0
Percent Difference	--	0.0%	-0.3%
Dry			
Basis of Comparison	--	90	91
Alternative	--	90	90
Difference	--	0	-1
Percent Difference	--	0.0%	-0.7%
Critical			
Basis of Comparison	--	93	93
Alternative	--	92	93
Difference	--	0	0
Percent Difference	--	0.0%	-0.5%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

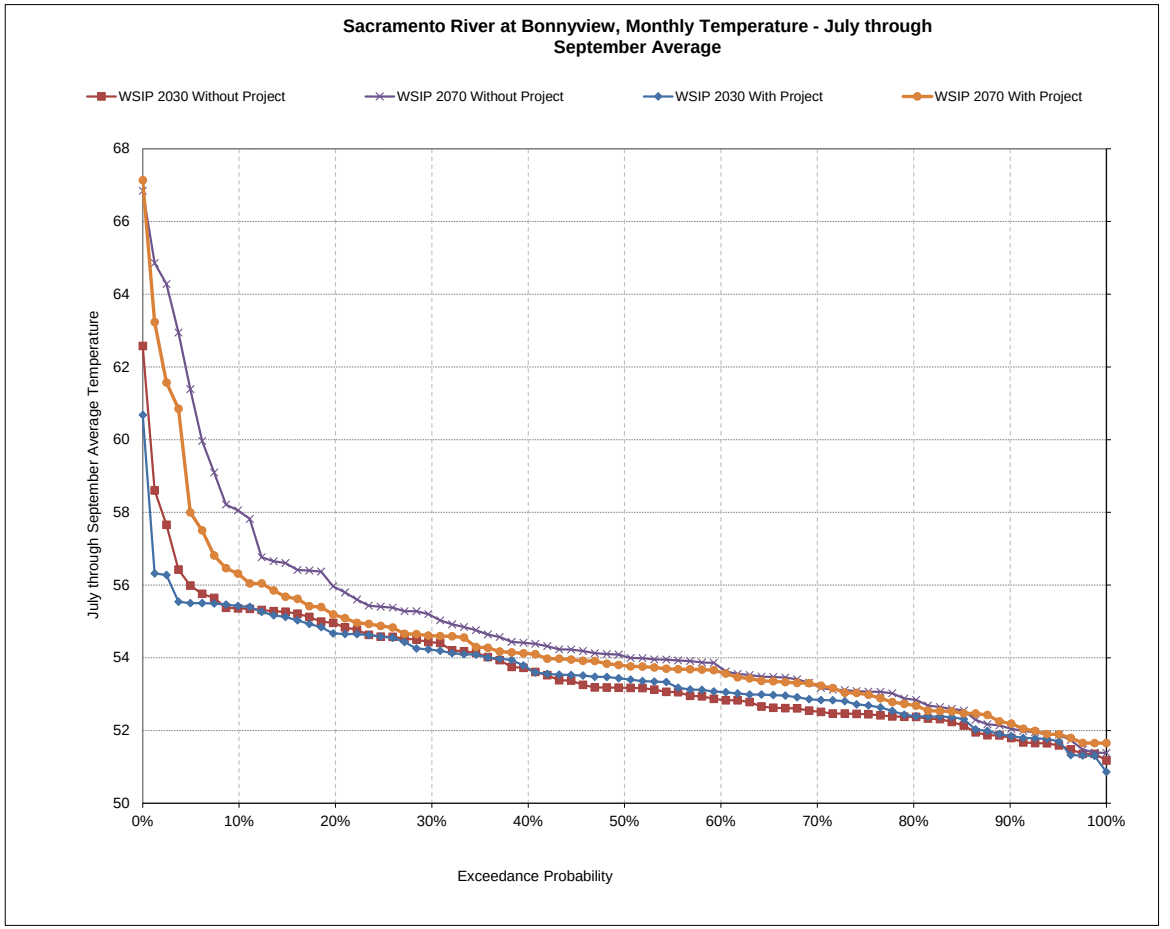
Sacramento River at Bonnyview Bridge, July through September Average Temperature
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	July through September Average Temperature DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	54	55
Alternative	--	54	54
Difference	--	0	0
Percent Difference[3]	--	0.0%	-0.8%
Water Year Types[2]			
Wet			
Basis of Comparison	0	52	53
Alternative	0	53	53
Difference	0	0	0
Percent Difference		0.5%	-0.1%
Above Normal			
Basis of Comparison	0	53	53
Alternative	0	53	53
Difference	0	0	0
Percent Difference		0.2%	0.1%
Below Normal			
Basis of Comparison	0	53	54
Alternative	0	53	54
Difference	0	0	0
Percent Difference		0.1%	-0.8%
Dry			
Basis of Comparison	0	54	55
Alternative	0	54	55
Difference	0	0	0
Percent Difference		-0.3%	-0.9%
Critical			
Basis of Comparison	0	57	60
Alternative	0	56	59
Difference	0	-1	-2
Percent Difference		-1.1%	-3.0%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

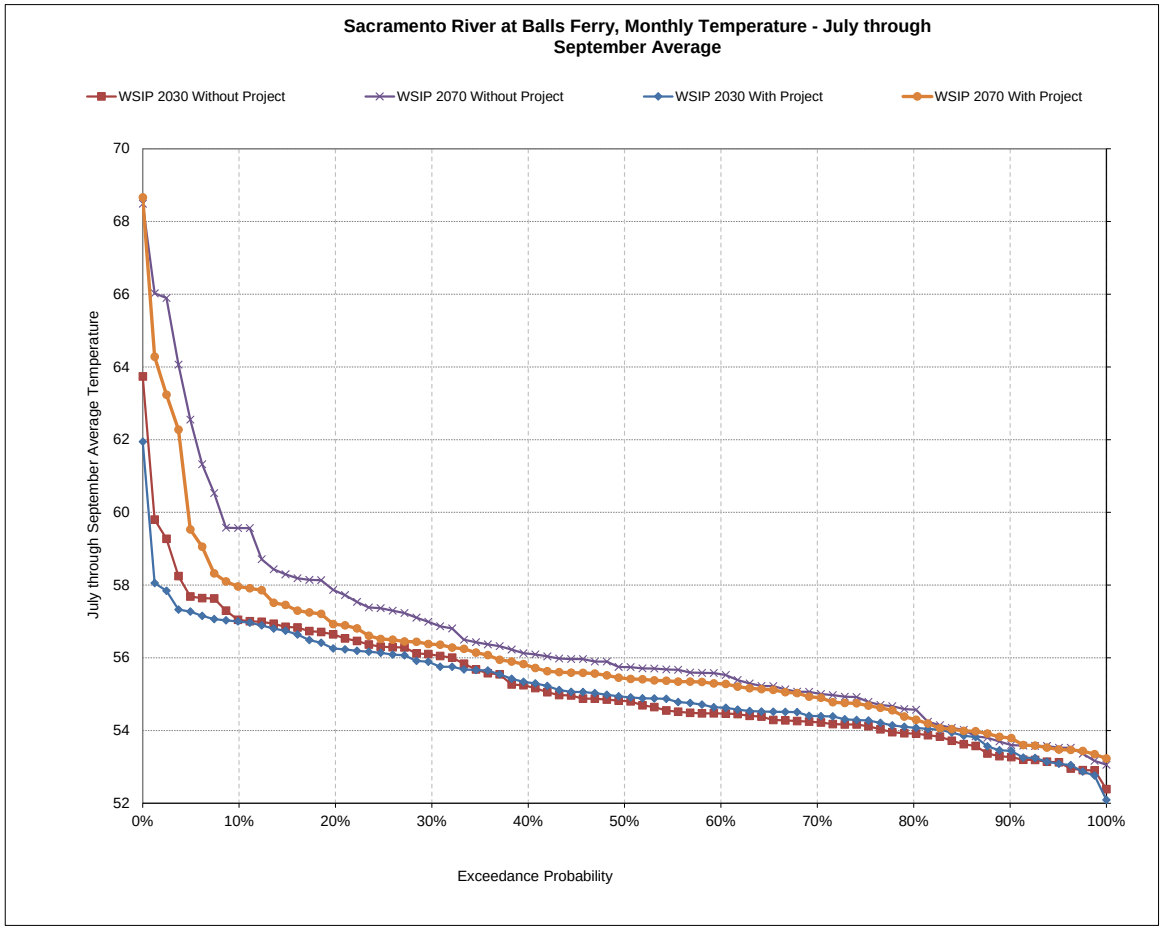
Sacramento River at Balls Ferry, July through September Average Temperature
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	July through September Average Temperature DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	55	56
Alternative	--	55	56
Difference	--	0	0
Percent Difference[3]	--	-0.1%	-0.9%
Water Year Types[2]			
Wet			
Basis of Comparison	0	54	55
Alternative	0	54	55
Difference	0	0	0
Percent Difference		0.4%	-0.1%
Above Normal			
Basis of Comparison	0	54	55
Alternative	0	54	55
Difference	0	0	0
Percent Difference		0.3%	0.1%
Below Normal			
Basis of Comparison	0	55	56
Alternative	0	55	56
Difference	0	0	-1
Percent Difference		0.0%	-1.0%
Dry			
Basis of Comparison	0	56	57
Alternative	0	56	56
Difference	0	0	-1
Percent Difference		-0.4%	-1.0%
Critical			
Basis of Comparison	0	58	62
Alternative	0	57	60
Difference	0	-1	-2
Percent Difference		-1.1%	-2.7%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

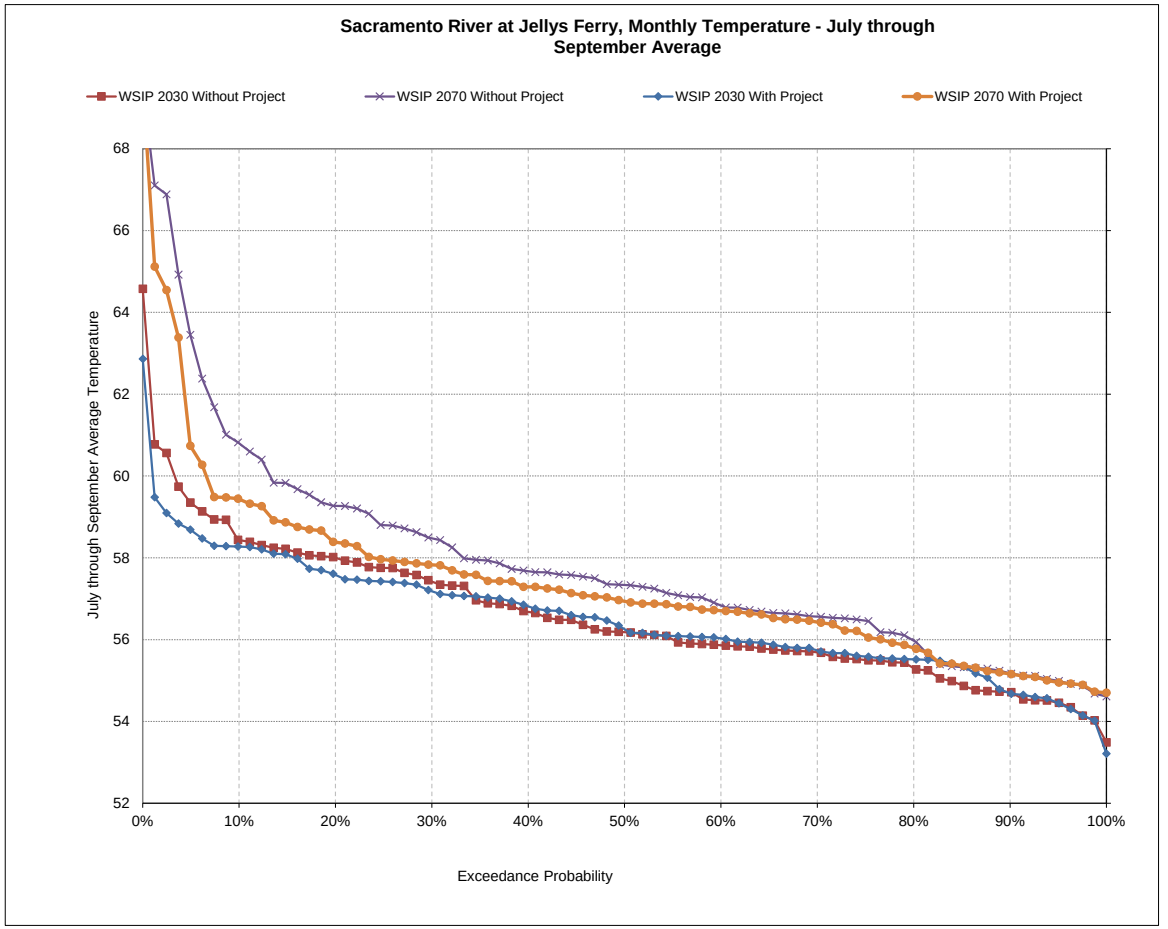
Sacramento River at Jellys Ferry, July through September Average Temperature
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	July through September Average Temperature DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	57	58
Alternative	--	57	57
Difference	--	0	-1
Percent Difference[3]	--	-0.1%	-0.9%
Water Year Types[2]			
Wet			
Basis of Comparison	0	55	56
Alternative	0	56	56
Difference	0	0	0
Percent Difference		0.3%	-0.2%
Above Normal			
Basis of Comparison	0	55	56
Alternative	0	56	56
Difference	0	0	0
Percent Difference		0.3%	0.1%
Below Normal			
Basis of Comparison	0	56	58
Alternative	0	56	57
Difference	0	0	-1
Percent Difference		-0.1%	-1.2%
Dry			
Basis of Comparison	0	57	58
Alternative	0	57	58
Difference	0	0	-1
Percent Difference		-0.5%	-1.1%
Critical			
Basis of Comparison	0	59	63
Alternative	0	59	61
Difference	0	-1	-2
Percent Difference		-1.0%	-2.5%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

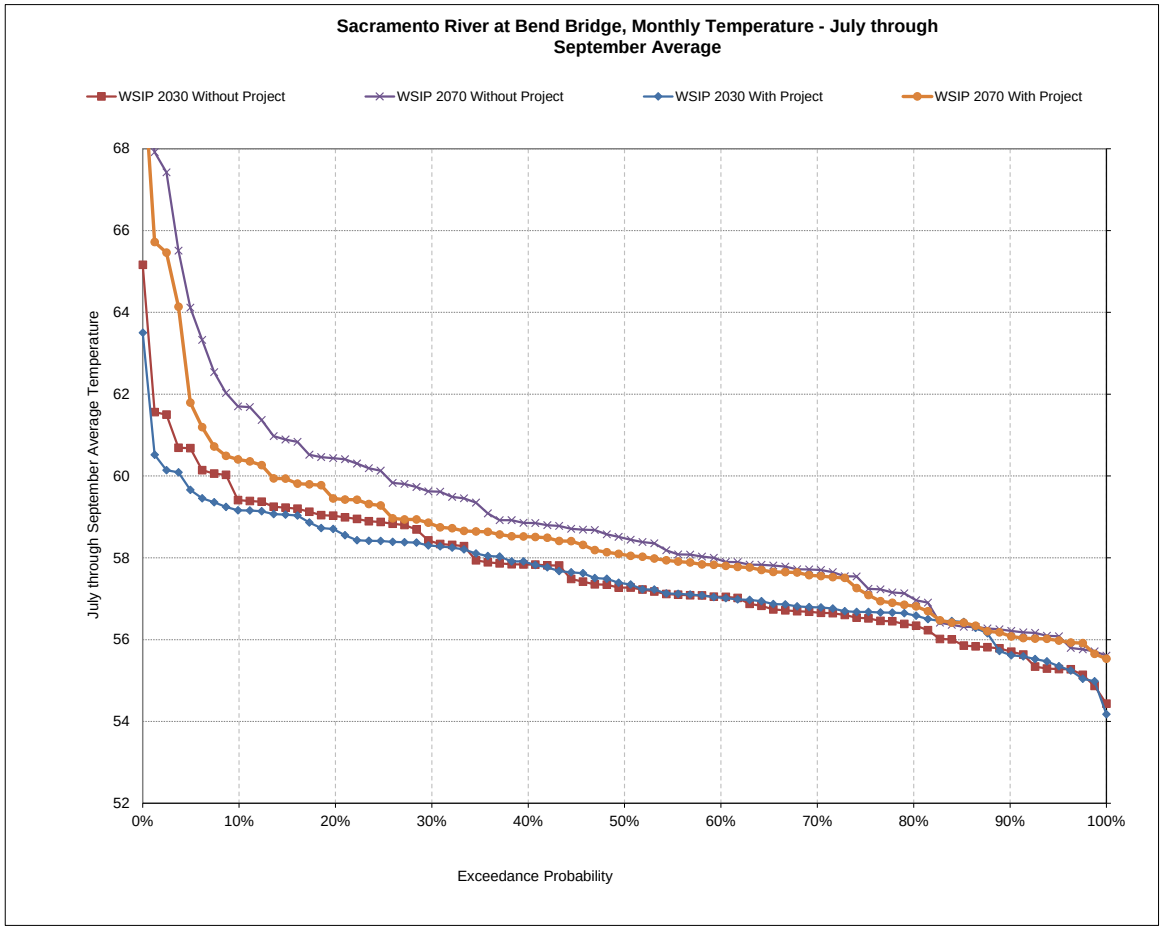
Sacramento River at Bend Bridge, July through September Average Temperature
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	July through September Average Temperature DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	58	59
Alternative	--	58	58
Difference	--	0	-1
Percent Difference[3]	--	-0.2%	-0.9%
Water Year Types[2]			
Wet			
Basis of Comparison	0	56	57
Alternative	0	57	57
Difference	0	0	0
Percent Difference		0.3%	-0.3%
Above Normal			
Basis of Comparison	0	56	57
Alternative	0	57	57
Difference	0	0	0
Percent Difference		0.4%	0.1%
Below Normal			
Basis of Comparison	0	57	59
Alternative	0	57	58
Difference	0	0	-1
Percent Difference		-0.1%	-1.2%
Dry			
Basis of Comparison	0	58	59
Alternative	0	58	59
Difference	0	0	-1
Percent Difference		-0.6%	-1.1%
Critical			
Basis of Comparison	0	60	64
Alternative	0	60	62
Difference	0	-1	-1
Percent Difference		-1.0%	-2.3%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

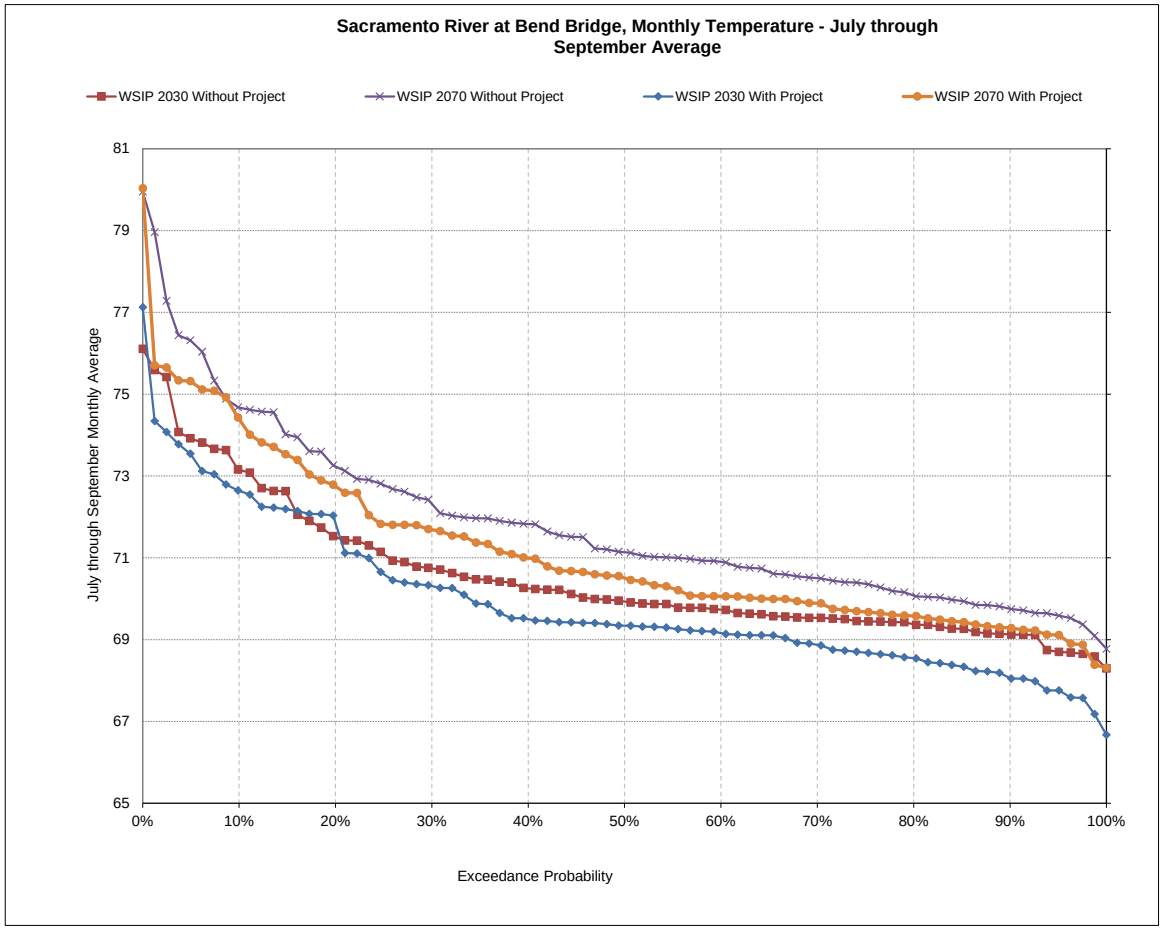
American River at Watt Avenue, July through September Average Temperature
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	July through September Monthly Average: DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	71	72
Alternative	--	70	71
Difference	--	-1	-1
Percent Difference[3]	--	-0.9%	-0.9%
Water Year Types[2]			
Wet			
Basis of Comparison	--	70	71
Alternative	--	69	70
Difference	--	-1	-1
Percent Difference	--	-1.4%	-1.2%
Above Normal			
Basis of Comparison	--	70	71
Alternative	--	69	70
Difference	--	-1	-1
Percent Difference	--	-0.7%	-1.0%
Below Normal			
Basis of Comparison	--	70	71
Alternative	--	70	71
Difference	--	-1	-1
Percent Difference	--	-1.0%	-0.9%
Dry			
Basis of Comparison	--	71	72
Alternative	--	70	72
Difference	--	0	0
Percent Difference	--	-0.4%	-0.4%
Critical			
Basis of Comparison	--	74	76
Alternative	--	73	75
Difference	--	0	-1
Percent Difference	--	-0.7%	-1.2%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

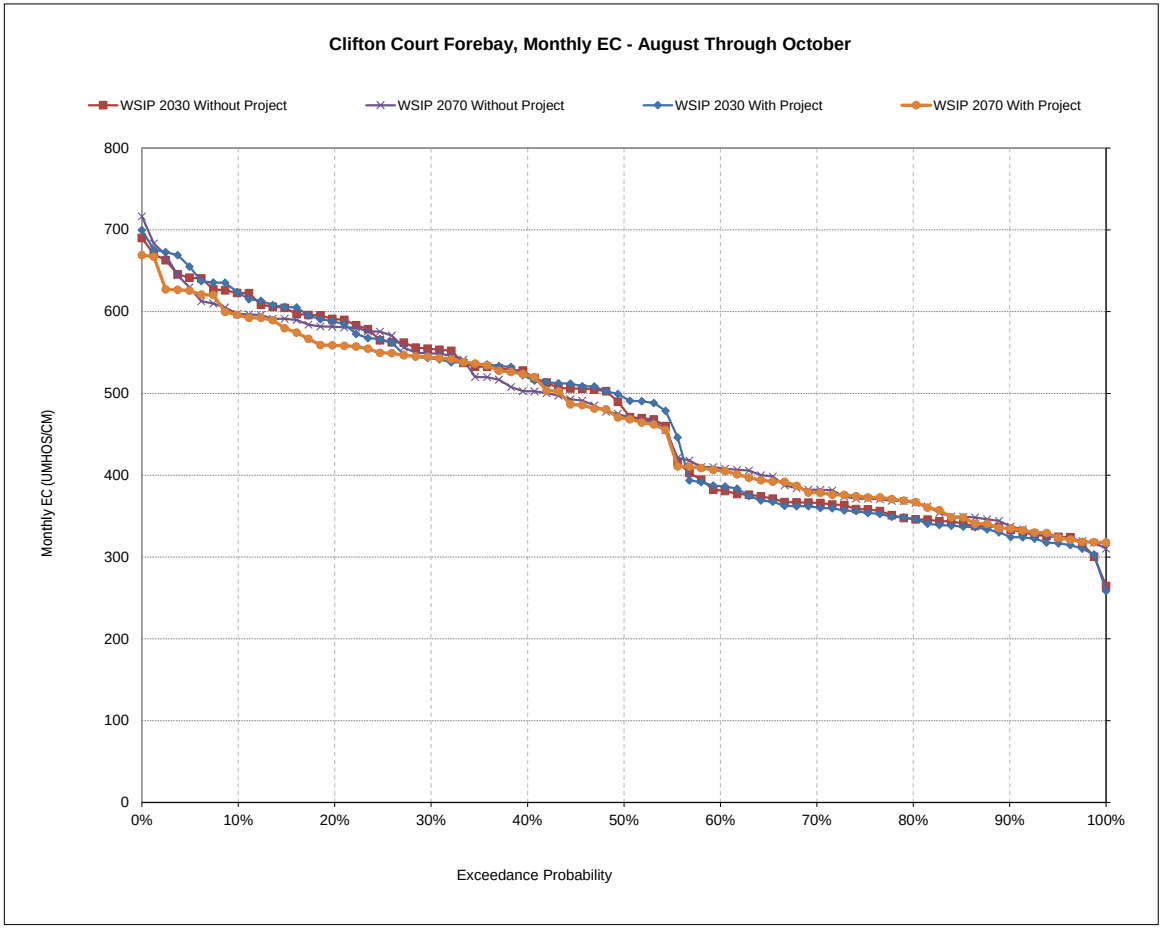
Clifton Court Forebay, Monthly EC
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	August Through October Monthly EC (UMHOS/CM) DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	378	384
Alternative	--	379	382
Difference	--	1	-2
Percent Difference[3]	--	0.2%	-0.5%
Water Year Types[2]			
Wet			
Basis of Comparison	--	260	261
Alternative	--	260	261
Difference	--	0	0
Percent Difference	--	0.1%	0.0%
Above Normal			
Basis of Comparison	--	336	329
Alternative	--	336	329
Difference	--	0	0
Percent Difference	--	0.1%	0.0%
Below Normal			
Basis of Comparison	--	382	382
Alternative	--	382	379
Difference	--	0	-3
Percent Difference	--	0.0%	-0.8%
Dry			
Basis of Comparison	--	464	467
Alternative	--	466	465
Difference	--	3	-3
Percent Difference	--	0.5%	-0.6%
Critical			
Basis of Comparison	--	543	563
Alternative	--	545	558
Difference	--	2	-5
Percent Difference	--	0.3%	-0.8%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

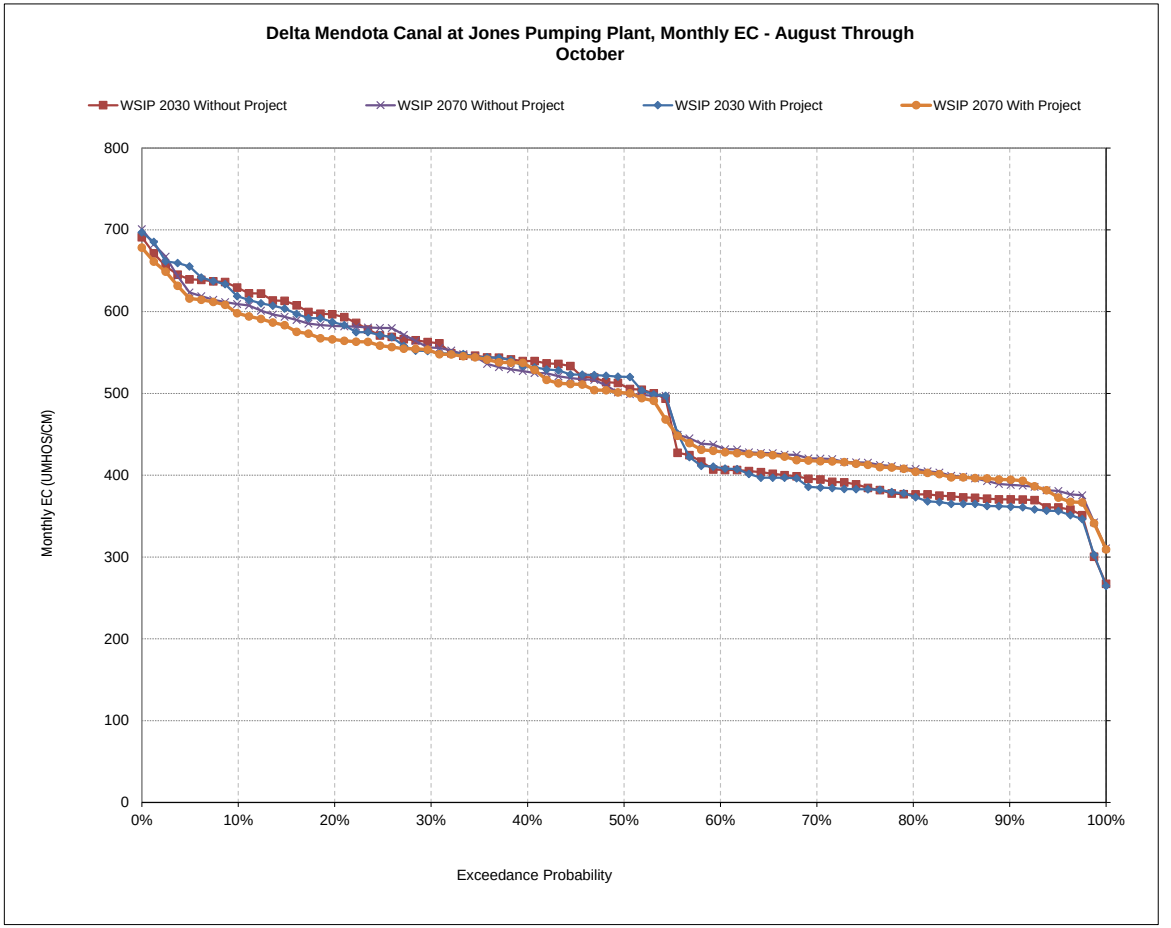
Delta Mendota Canal at Jones Pumping Plant, Monthly EC
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	August Through October Monthly EC (UMHOS/CM) DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	403	410
Alternative	--	403	411
Difference	--	1	1
Percent Difference[3]	--	0.2%	0.2%
Water Year Types[2]			
Wet			
Basis of Comparison	--	274	285
Alternative	--	274	285
Difference	--	0	0
Percent Difference	--	0.1%	0.1%
Above Normal			
Basis of Comparison	--	364	368
Alternative	--	364	368
Difference	--	0	0
Percent Difference	--	0.1%	0.0%
Below Normal			
Basis of Comparison	--	410	412
Alternative	--	410	412
Difference	--	0	0
Percent Difference	--	0.0%	0.0%
Dry			
Basis of Comparison	--	505	497
Alternative	--	506	499
Difference	--	1	2
Percent Difference	--	0.3%	0.5%
Critical			
Basis of Comparison	--	563	574
Alternative	--	566	574
Difference	--	3	1
Percent Difference	--	0.6%	0.1%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

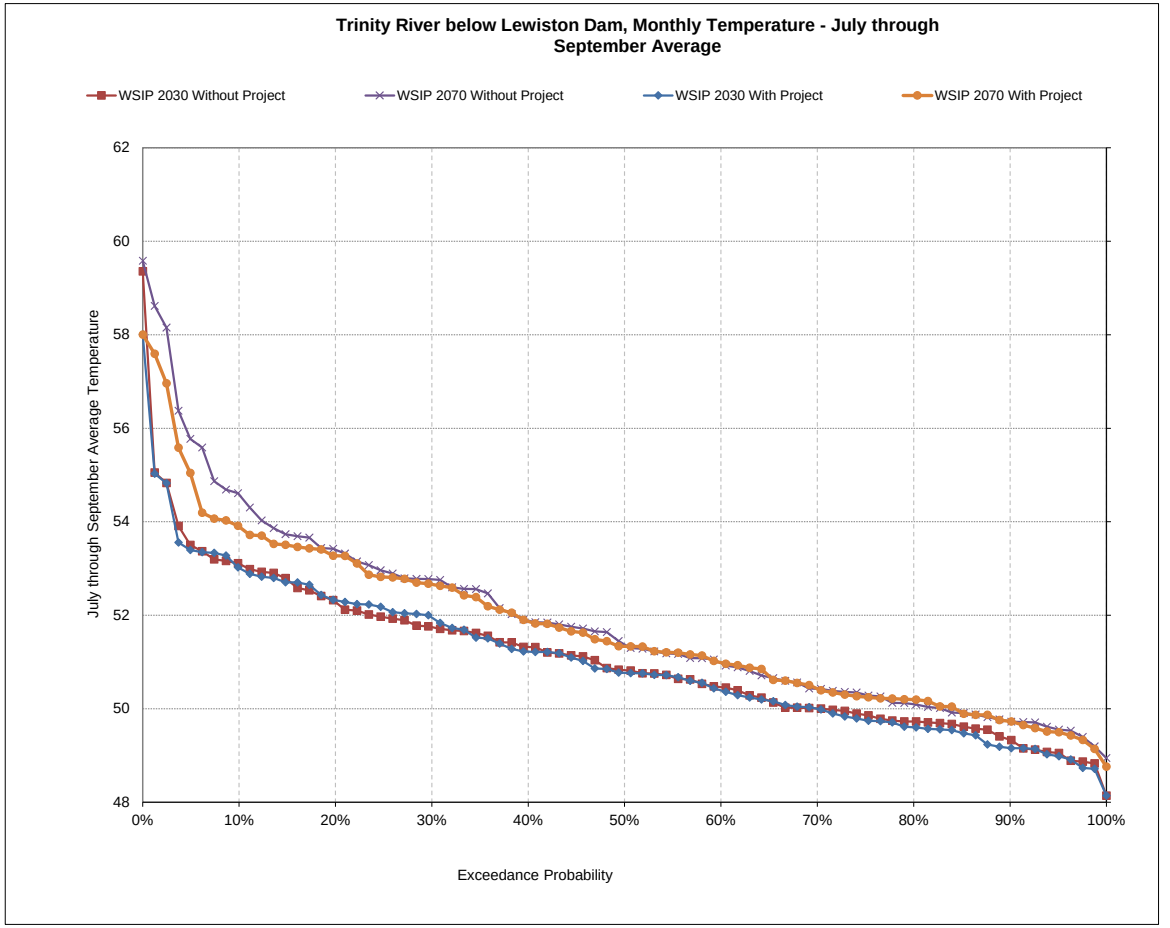
Trinity River below Lewiston Dam, July through September Average Temperature
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	July through September Average Temperature: DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	51	52
Alternative	--	51	52
Difference	--	0	0
Percent Difference[3]	--	-0.1%	-0.3%
Water Year Types[2]			
Wet			
Basis of Comparison	0	50	50
Alternative	0	50	50
Difference	0	0	0
Percent Difference		-0.3%	0.0%
Above Normal			
Basis of Comparison	0	50	51
Alternative	0	50	51
Difference	0	0	0
Percent Difference		0.0%	-0.5%
Below Normal			
Basis of Comparison	0	51	51
Alternative	0	51	51
Difference	0	0	0
Percent Difference		0.0%	0.0%
Dry			
Basis of Comparison	0	52	53
Alternative	0	52	52
Difference	0	0	0
Percent Difference		0.3%	-0.4%
Critical			
Basis of Comparison	0	54	55
Alternative	0	54	55
Difference	0	0	-1
Percent Difference		-0.4%	-1.0%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

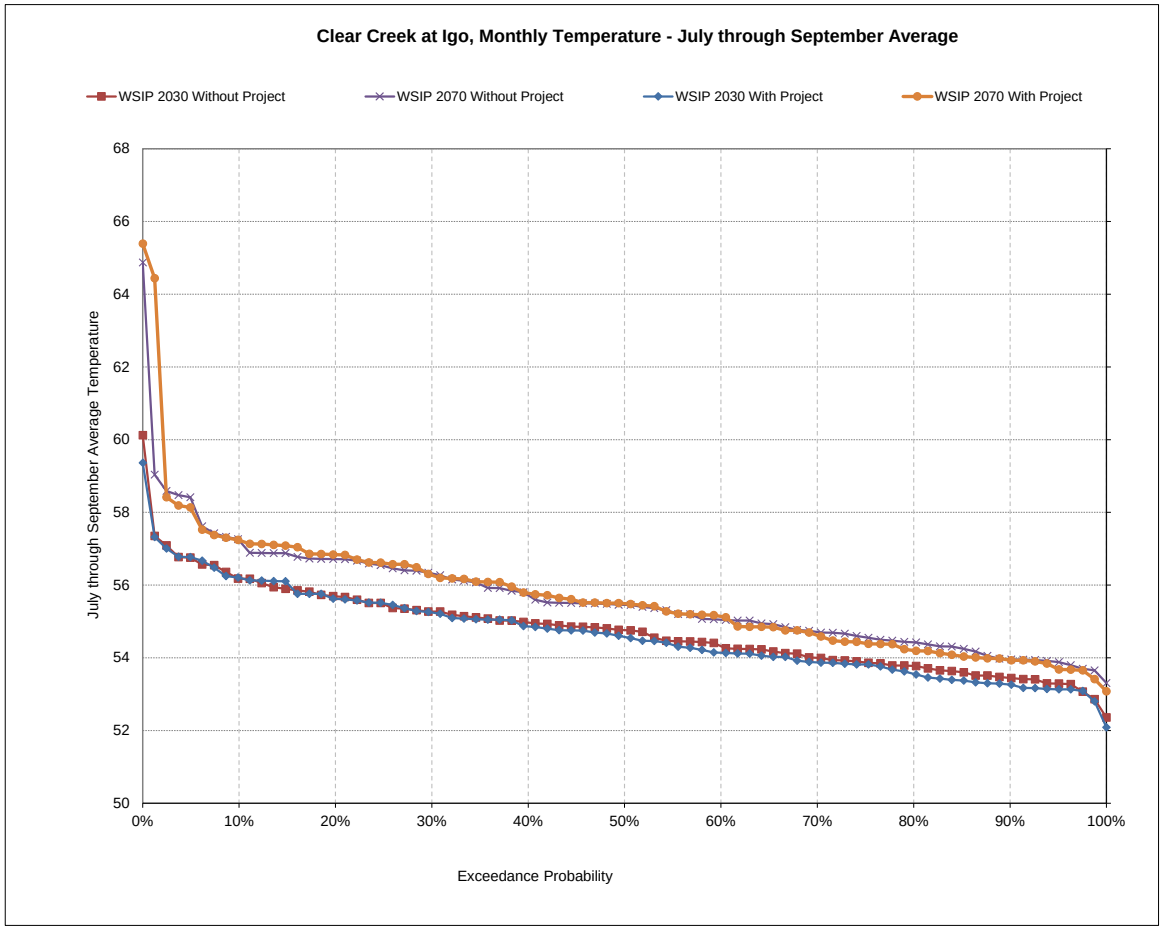
Clear Creek at Igo, July through September Average Temperature
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	July through September Average Temperature: DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	55	56
Alternative	--	55	56
Difference	--	0	0
Percent Difference[3]	--	-0.2%	0.1%
Water Year Types[2]			
Wet			
Basis of Comparison	0	54	55
Alternative	0	54	55
Difference	0	0	0
Percent Difference		-0.2%	0.7%
Above Normal			
Basis of Comparison	0	54	55
Alternative	0	54	55
Difference	0	0	0
Percent Difference		-0.2%	-0.4%
Below Normal			
Basis of Comparison	0	55	55
Alternative	0	54	55
Difference	0	0	0
Percent Difference		-0.2%	0.4%
Dry			
Basis of Comparison	0	55	56
Alternative	0	55	56
Difference	0	0	0
Percent Difference		-0.2%	0.1%
Critical			
Basis of Comparison	0	57	58
Alternative	0	57	58
Difference	0	0	0
Percent Difference		-0.2%	-0.4%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

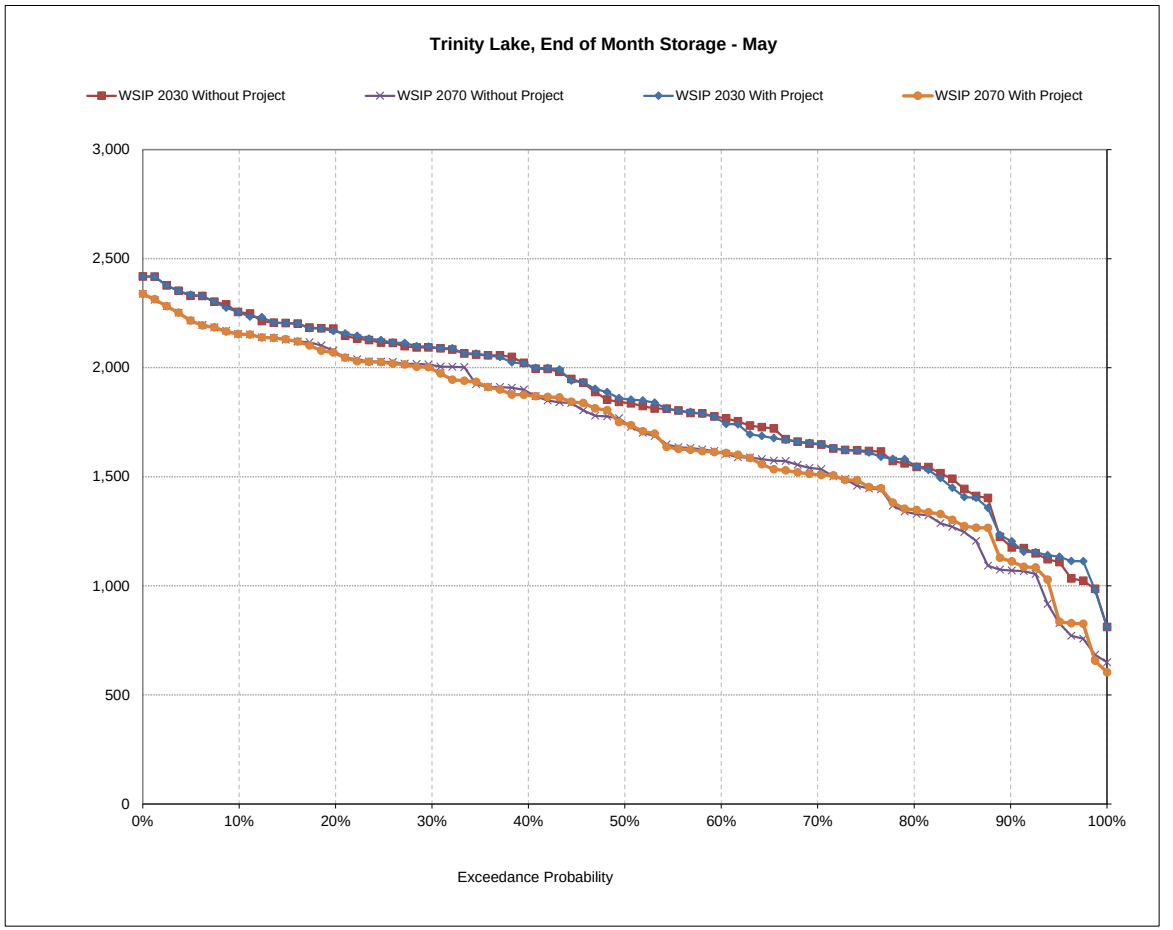
Trinity Lake, End of Month Storage
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	1,826	1,689
Alternative	--	1,827	1,693
Difference	--	1	5
Percent Difference[3]	--	0.1%	0.3%
Water Year Types[2]			
Wet			
Basis of Comparison	0	2,167	2,058
Alternative	0	2,172	2,056
Difference	0	5	-3
Percent Difference		0.2%	-0.1%
Above Normal			
Basis of Comparison	0	2,057	1,968
Alternative	0	2,067	1,975
Difference	0	9	8
Percent Difference		0.5%	0.4%
Below Normal			
Basis of Comparison	0	1,781	1,697
Alternative	0	1,770	1,691
Difference	0	-11	-7
Percent Difference		-0.6%	-0.4%
Dry			
Basis of Comparison	0	1,636	1,453
Alternative	0	1,626	1,471
Difference	0	-11	17
Percent Difference		-0.6%	1.2%
Critical			
Basis of Comparison	0	1,201	1,016
Alternative	0	1,217	1,024
Difference	0	16	9
Percent Difference		1.3%	0.9%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

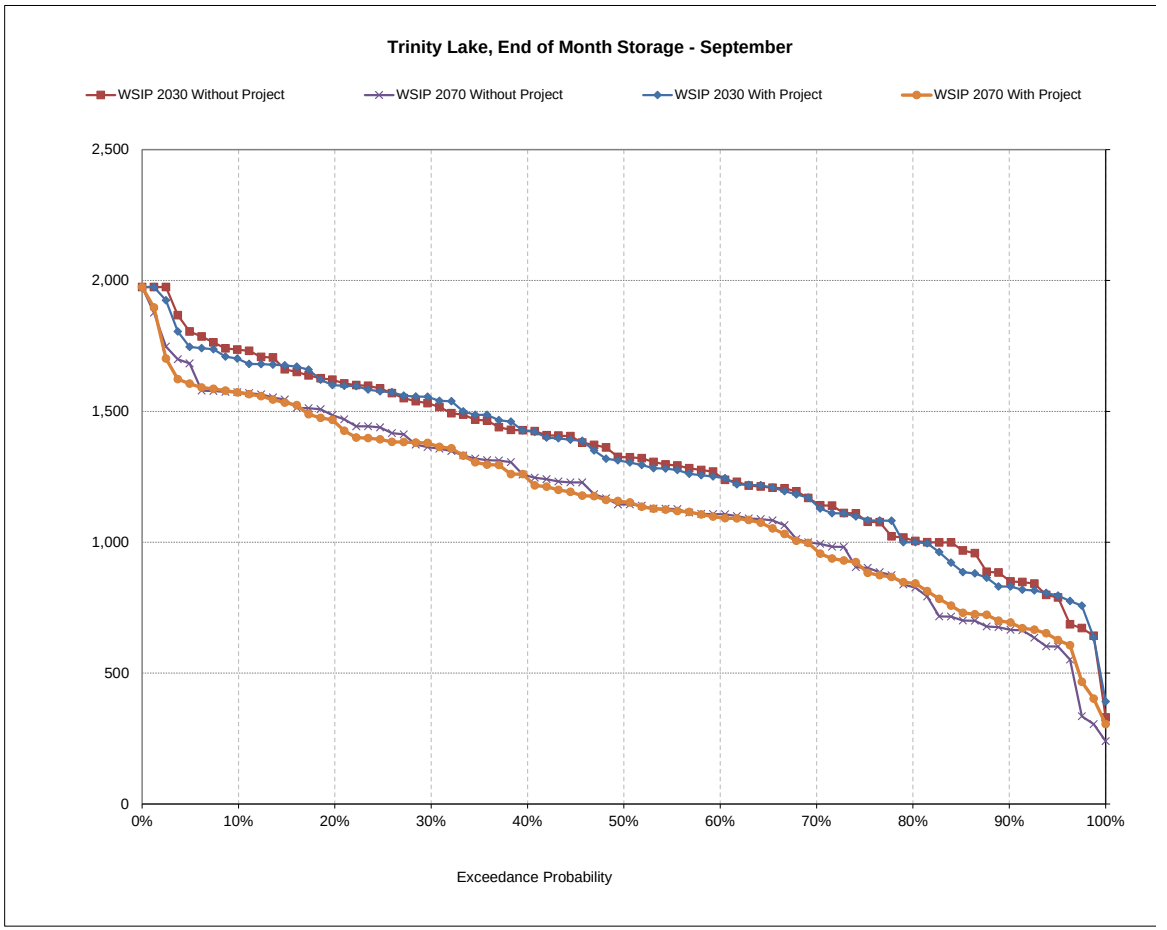
Trinity Lake, End of Month Storage
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
	Long-term		
Full Simulation Period[1]			
Basis of Comparison	--	1,320	1,152
Alternative	--	1,312	1,149
Difference	--	-8	-3
Percent Difference[3]	--	-0.6%	-0.3%
	Water Year Types[2]		
Wet			
Basis of Comparison	0	1,626	1,456
Alternative	0	1,608	1,434
Difference	0	-18	-22
Percent Difference		-1.1%	-1.5%
Above Normal			
Basis of Comparison	0	1,511	1,420
Alternative	0	1,527	1,395
Difference	0	16	-25
Percent Difference		1.0%	-1.8%
Below Normal			
Basis of Comparison	0	1,306	1,181
Alternative	0	1,289	1,170
Difference	0	-17	-11
Percent Difference		-1.3%	-0.9%
Dry			
Basis of Comparison	0	1,104	903
Alternative	0	1,093	913
Difference	0	-11	10
Percent Difference		-1.0%	1.1%
Critical			
Basis of Comparison	0	800	627
Alternative	0	807	673
Difference	0	7	47
Percent Difference		0.9%	7.5%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

Trinity Lake, Shasta Lake, Lake Oroville, Folsom Lake and Sites Reservoir, End of Month Storage

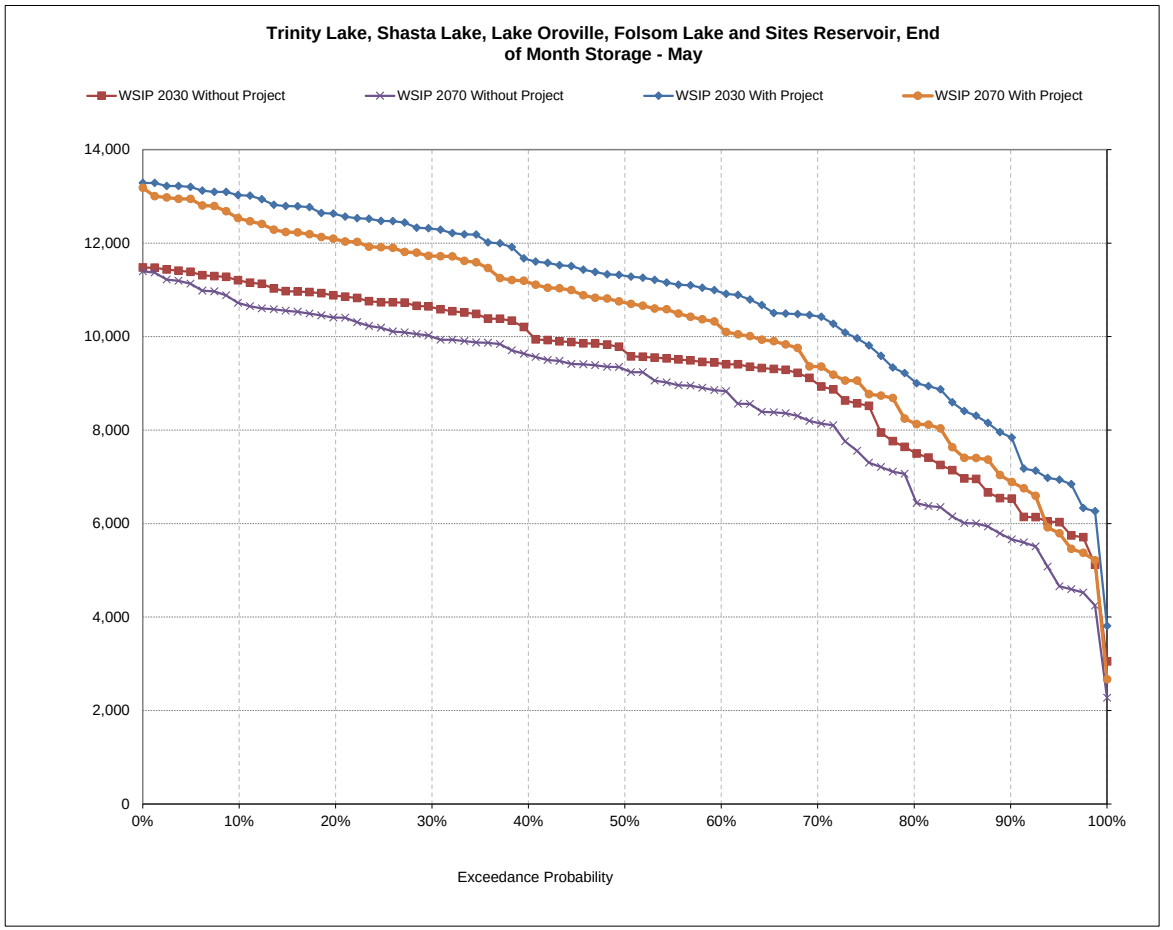
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
	Long-term		
Full Simulation Period[1]			
Basis of Comparison	--	9,304	8,670
Alternative	--	10,845	10,173
Difference	--	1,541	1,503
Percent Difference[3]	--	16.6%	17.3%
	Water Year Types[2]		
Wet			
Basis of Comparison	0	10,835	10,353
Alternative	0	12,585	12,070
Difference	0	1,750	1,718
Percent Difference		16.1%	16.6%
Above Normal			
Basis of Comparison	0	10,537	10,173
Alternative	0	12,266	11,815
Difference	0	1,729	1,642
Percent Difference		16.4%	16.1%
Below Normal			
Basis of Comparison	0	9,474	8,974
Alternative	0	11,011	10,488
Difference	0	1,538	1,514
Percent Difference		16.2%	16.9%
Dry			
Basis of Comparison	0	8,293	7,607
Alternative	0	9,723	9,037
Difference	0	1,430	1,430
Percent Difference		17.2%	18.8%
Critical			
Basis of Comparison	0	5,991	5,087
Alternative	0	7,063	6,109
Difference	0	1,072	1,022
Percent Difference		17.9%	20.1%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

Trinity Lake, Shasta Lake, Lake Oroville, Folsom Lake and Sites Reservoir, End of Month Storage

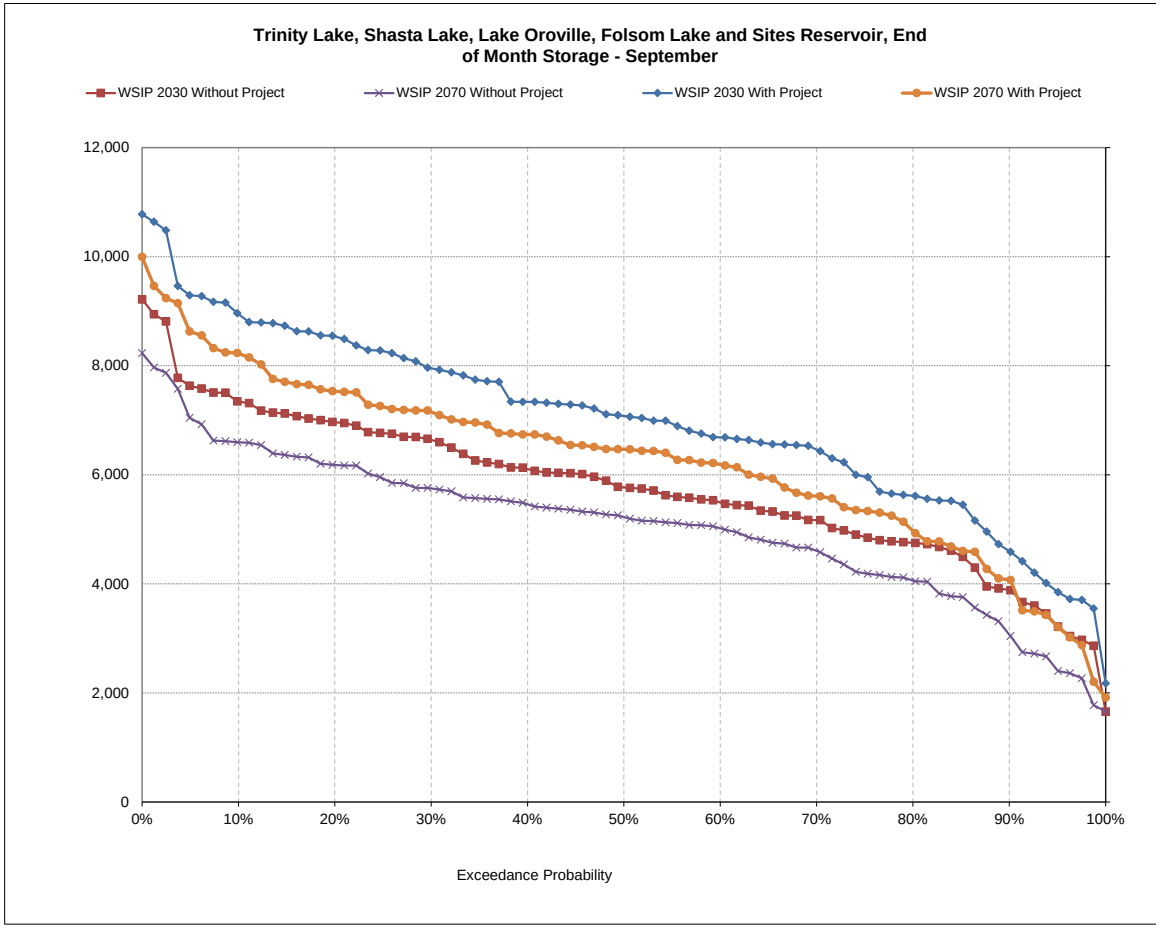
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
	Long-term		
Full Simulation Period[1]			
Basis of Comparison	--	5,761	5,077
Alternative	--	7,007	6,262
Difference	--	1,246	1,185
Percent Difference[3]	--	21.6%	23.3%
	Water Year Types[2]		
Wet			
Basis of Comparison	0	6,910	6,019
Alternative	0	8,505	7,541
Difference	0	1,596	1,522
Percent Difference		23.1%	25.3%
Above Normal			
Basis of Comparison	0	6,424	5,917
Alternative	0	7,931	7,299
Difference	0	1,507	1,381
Percent Difference		23.5%	23.3%
Below Normal			
Basis of Comparison	0	5,837	5,440
Alternative	0	7,042	6,565
Difference	0	1,205	1,125
Percent Difference		20.6%	20.7%
Dry			
Basis of Comparison	0	5,078	4,560
Alternative	0	6,057	5,519
Difference	0	978	959
Percent Difference		19.3%	21.0%
Critical			
Basis of Comparison	0	3,509	2,736
Alternative	0	4,179	3,449
Difference	0	670	713
Percent Difference		19.1%	26.1%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

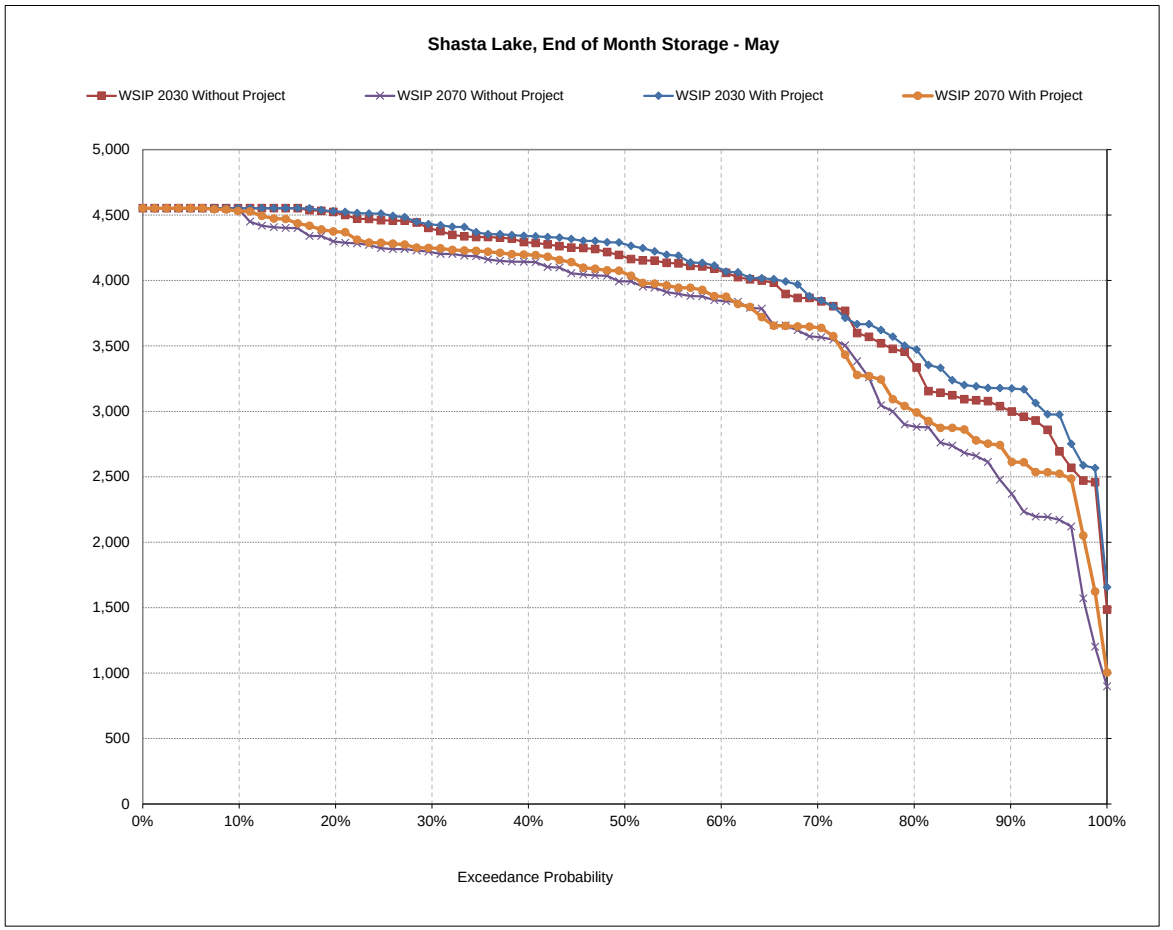
Shasta Lake, End of Month Storage
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
		Long-term	
Full Simulation Period[1]			
Basis of Comparison	--	3,950	3,681
Alternative	--	4,009	3,761
Difference	--	59	80
Percent Difference[3]	--	1.5%	2.2%
		Water Year Types[2]	
Wet			
Basis of Comparison	0	4,387	4,228
Alternative	0	4,405	4,242
Difference	0	18	14
Percent Difference		0.4%	0.3%
Above Normal			
Basis of Comparison	0	4,322	4,271
Alternative	0	4,359	4,289
Difference	0	37	18
Percent Difference		0.9%	0.4%
Below Normal			
Basis of Comparison	0	4,133	3,949
Alternative	0	4,155	4,018
Difference	0	22	69
Percent Difference		0.5%	1.8%
Dry			
Basis of Comparison	0	3,663	3,386
Alternative	0	3,765	3,478
Difference	0	101	92
Percent Difference		2.8%	2.7%
Critical			
Basis of Comparison	0	2,787	2,157
Alternative	0	2,953	2,428
Difference	0	166	271
Percent Difference		6.0%	12.6%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

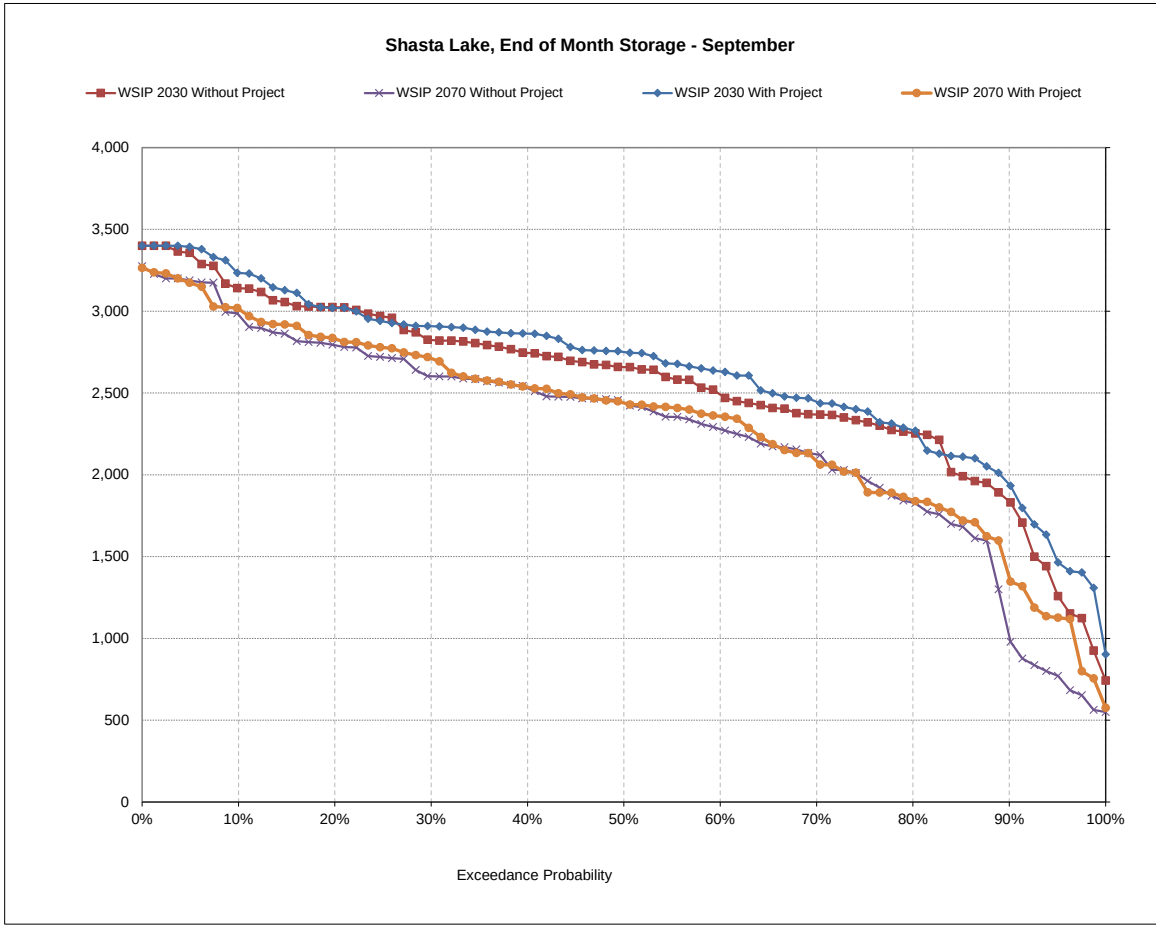
Shasta Lake, End of Month Storage
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	2,544	2,262
Alternative	--	2,627	2,321
Difference	--	83	59
Percent Difference[3]	--	3.3%	2.6%
Water Year Types[2]			
Wet			
Basis of Comparison	0	2,837	2,552
Alternative	0	2,855	2,544
Difference	0	18	-8
Percent Difference		0.6%	-0.3%
Above Normal			
Basis of Comparison	0	2,758	2,686
Alternative	0	2,940	2,789
Difference	0	182	104
Percent Difference		6.6%	3.9%
Below Normal			
Basis of Comparison	0	2,771	2,658
Alternative	0	2,836	2,646
Difference	0	65	-13
Percent Difference		2.3%	-0.5%
Dry			
Basis of Comparison	0	2,457	2,167
Alternative	0	2,514	2,224
Difference	0	57	56
Percent Difference		2.3%	2.6%
Critical			
Basis of Comparison	0	1,515	971
Alternative	0	1,696	1,219
Difference	0	181	247
Percent Difference		12.0%	25.5%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

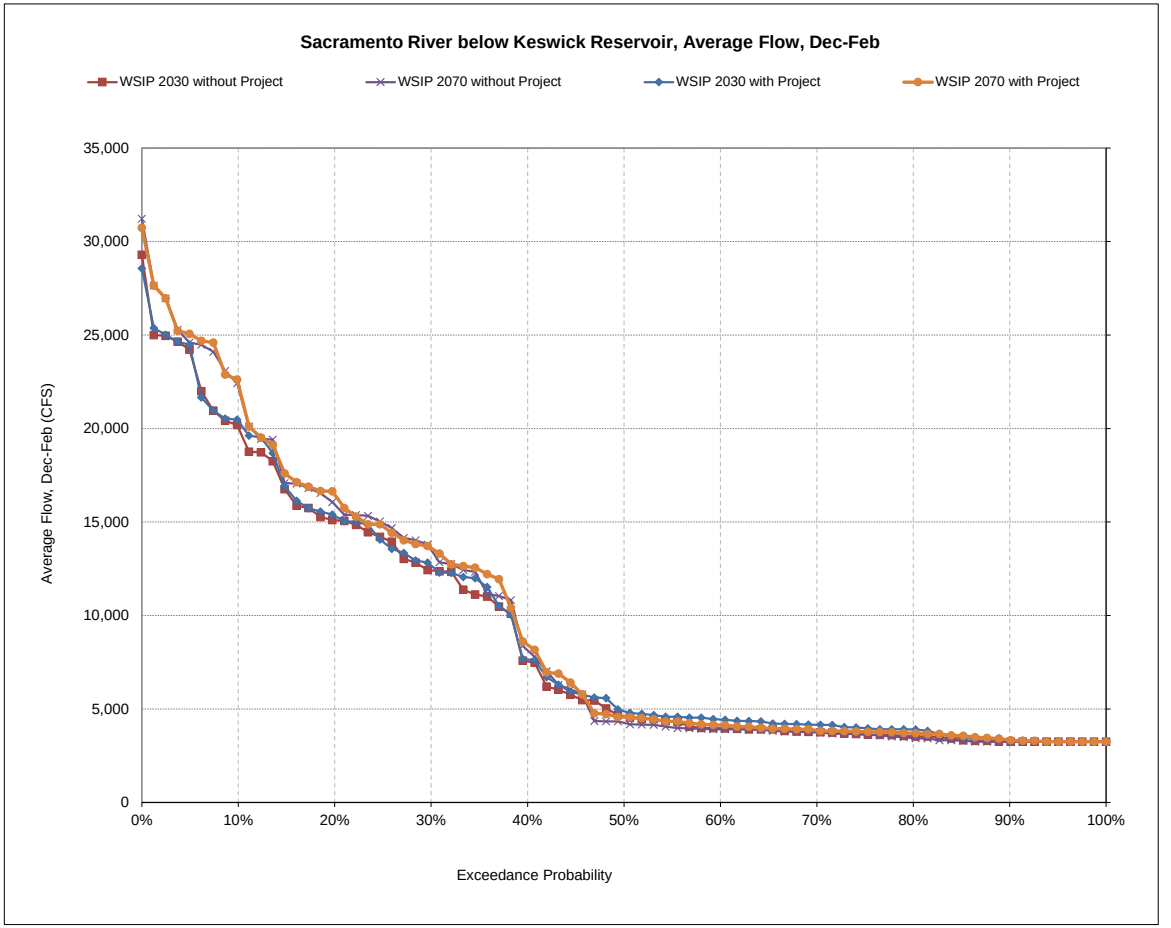
Sacramento River below Keswick Reservoir, Average Flow, Dec-Feb
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	Average Flow, Dec-Feb (CFS) DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	9,028	9,459
Alternative	--	9,256	9,617
Difference	--	228	157
Percent Difference[3]	--	2.5%	1.7%
Water Year Types[2]			
Wet			
Basis of Comparison	0	17,411	18,072
Alternative	0	17,654	18,114
Difference	0	242	43
Percent Difference		1.4%	0.2%
Above Normal			
Basis of Comparison	0	9,921	10,680
Alternative	0	9,943	10,779
Difference	0	22	99
Percent Difference		0.2%	0.9%
Below Normal			
Basis of Comparison	0	4,711	5,479
Alternative	0	4,889	5,693
Difference	0	177	214
Percent Difference		3.8%	3.9%
Dry			
Basis of Comparison	0	3,969	3,736
Alternative	0	4,442	3,964
Difference	0	474	228
Percent Difference		11.9%	6.1%
Critical			
Basis of Comparison	0	3,532	3,531
Alternative	0	3,679	3,810
Difference	0	147	279
Percent Difference		4.2%	7.9%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

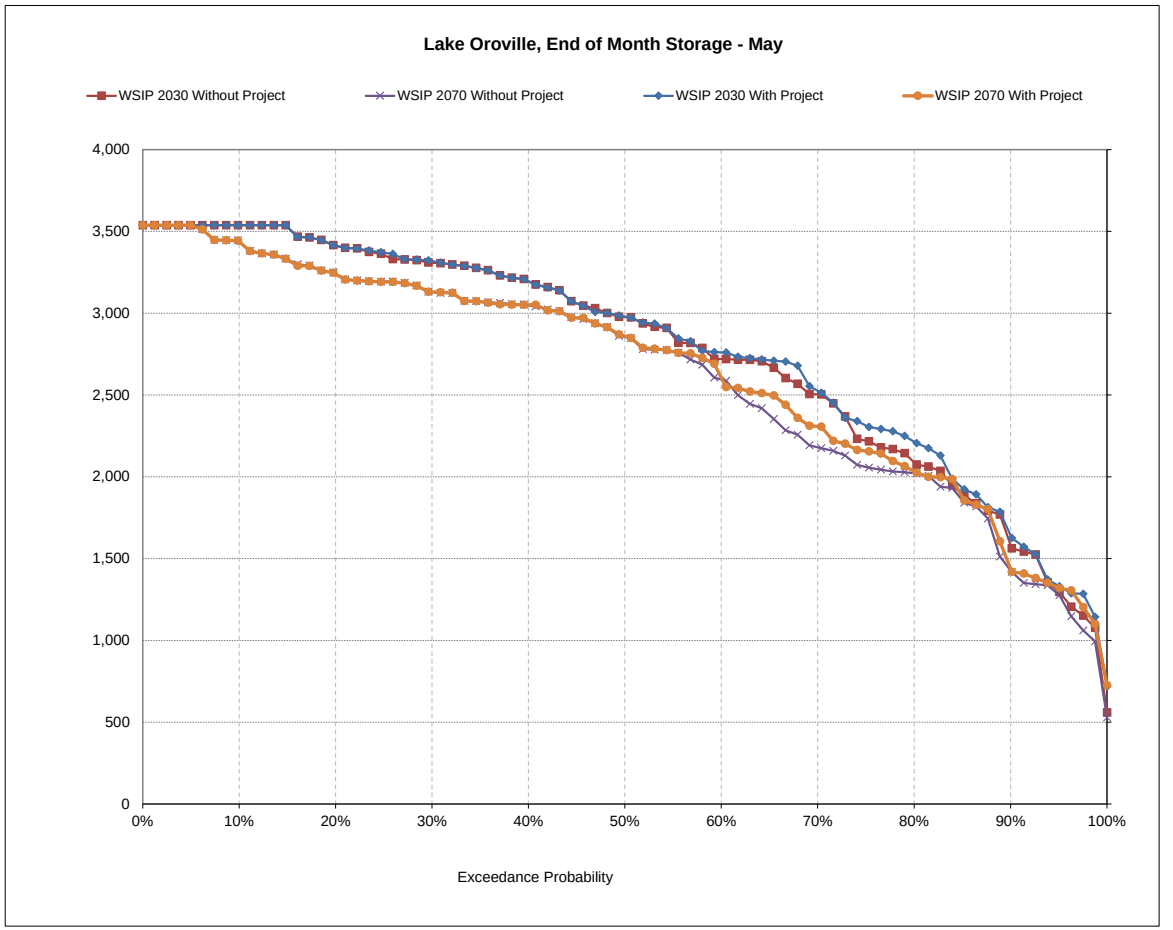
Lake Oroville, End of Month Storage
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
	Long-term		
Full Simulation Period[1]			
Basis of Comparison	--	2,760	2,620
Alternative	--	2,786	2,651
Difference	--	26	31
Percent Difference[3]	--	0.9%	1.2%
	Water Year Types[2]		
Wet			
Basis of Comparison	0	3,383	3,258
Alternative	0	3,381	3,258
Difference	0	-1	0
Percent Difference		0.0%	0.0%
Above Normal			
Basis of Comparison	0	3,313	3,166
Alternative	0	3,318	3,165
Difference	0	6	-1
Percent Difference		0.2%	0.0%
Below Normal			
Basis of Comparison	0	2,764	2,609
Alternative	0	2,792	2,644
Difference	0	28	35
Percent Difference		1.0%	1.3%
Dry			
Basis of Comparison	0	2,294	2,167
Alternative	0	2,332	2,206
Difference	0	38	39
Percent Difference		1.7%	1.8%
Critical			
Basis of Comparison	0	1,527	1,507
Alternative	0	1,611	1,618
Difference	0	83	111
Percent Difference		5.5%	7.4%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

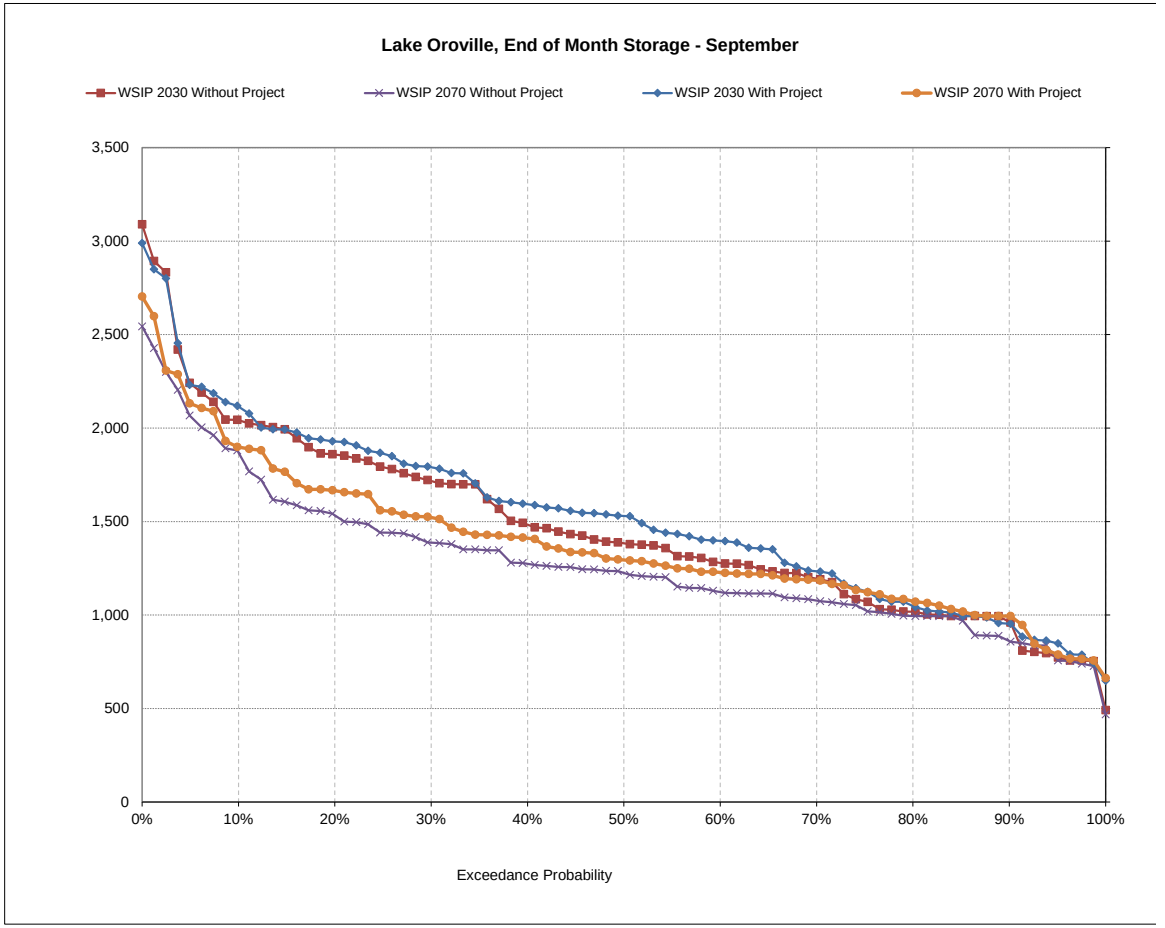
Lake Oroville, End of Month Storage
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
	Long-term		
Full Simulation Period[1]			
Basis of Comparison	--	1,469	1,287
Alternative	--	1,528	1,383
Difference	--	59	96
Percent Difference[3]	--	4.0%	7.4%
	Water Year Types[2]		
Wet			
Basis of Comparison	0	1,938	1,585
Alternative	0	1,974	1,695
Difference	0	36	110
Percent Difference		1.8%	6.9%
Above Normal			
Basis of Comparison	0	1,697	1,392
Alternative	0	1,778	1,549
Difference	0	81	157
Percent Difference		4.8%	11.3%
Below Normal			
Basis of Comparison	0	1,323	1,184
Alternative	0	1,435	1,353
Difference	0	112	170
Percent Difference		8.4%	14.3%
Dry			
Basis of Comparison	0	1,146	1,140
Alternative	0	1,195	1,147
Difference	0	49	7
Percent Difference		4.3%	0.6%
Critical			
Basis of Comparison	0	901	903
Alternative	0	924	979
Difference	0	23	76
Percent Difference		2.6%	8.4%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

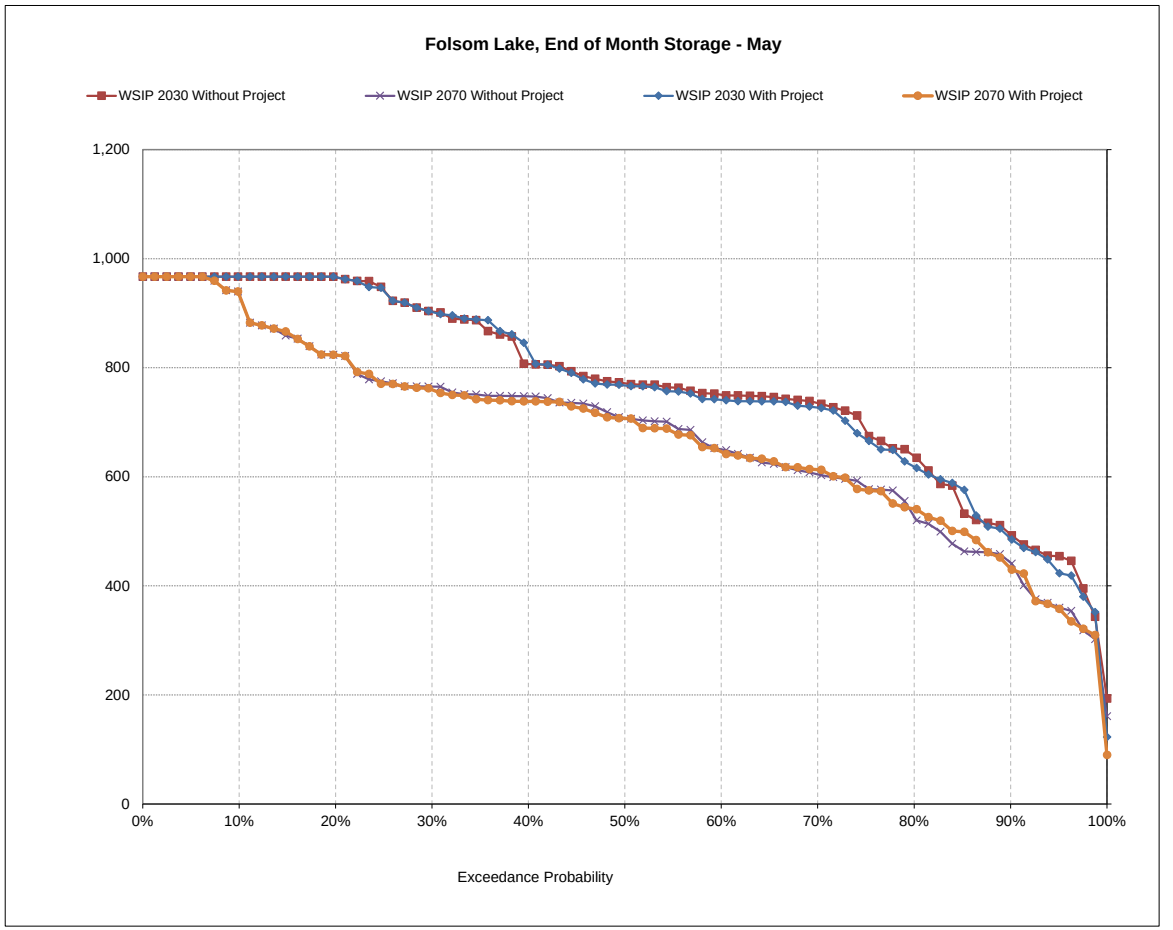
Folsom Lake, End of Month Storage
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	769	679
Alternative	--	764	677
Difference	--	-4	-2
Percent Difference[3]	--	-0.5%	-0.3%
Water Year Types[2]			
Wet			
Basis of Comparison	0	898	808
Alternative	0	896	805
Difference	0	-2	-3
Percent Difference		-0.2%	-0.4%
Above Normal			
Basis of Comparison	0	844	768
Alternative	0	841	764
Difference	0	-3	-4
Percent Difference		-0.4%	-0.6%
Below Normal			
Basis of Comparison	0	796	719
Alternative	0	790	713
Difference	0	-6	-6
Percent Difference		-0.7%	-0.9%
Dry			
Basis of Comparison	0	699	601
Alternative	0	692	607
Difference	0	-8	6
Percent Difference		-1.1%	1.0%
Critical			
Basis of Comparison	0	476	407
Alternative	0	473	401
Difference	0	-3	-5
Percent Difference		-0.6%	-1.3%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

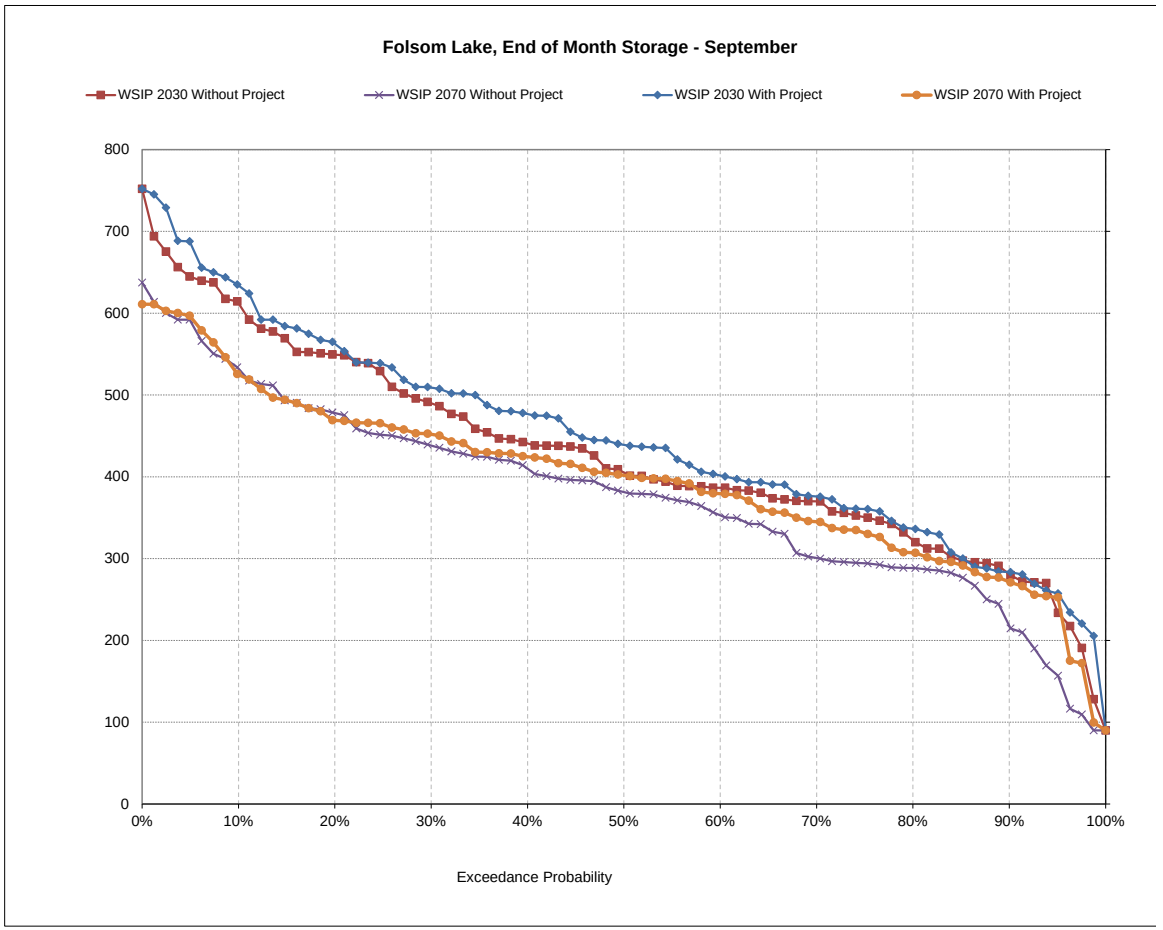
Folsom Lake, End of Month Storage
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
	Long-term		
Full Simulation Period[1]			
Basis of Comparison	--	428	377
Alternative	--	447	396
Difference	--	19	19
Percent Difference[3]	--	4.5%	5.2%
	Water Year Types[2]		
Wet			
Basis of Comparison	0	508	425
Alternative	0	516	431
Difference	0	9	6
Percent Difference		1.7%	1.5%
Above Normal			
Basis of Comparison	0	459	420
Alternative	0	487	459
Difference	0	28	39
Percent Difference		6.2%	9.3%
Below Normal			
Basis of Comparison	0	437	417
Alternative	0	464	448
Difference	0	27	31
Percent Difference		6.1%	7.4%
Dry			
Basis of Comparison	0	371	349
Alternative	0	410	373
Difference	0	38	24
Percent Difference		10.4%	6.7%
Critical			
Basis of Comparison	0	293	235
Alternative	0	289	246
Difference	0	-4	11
Percent Difference		-1.4%	4.8%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

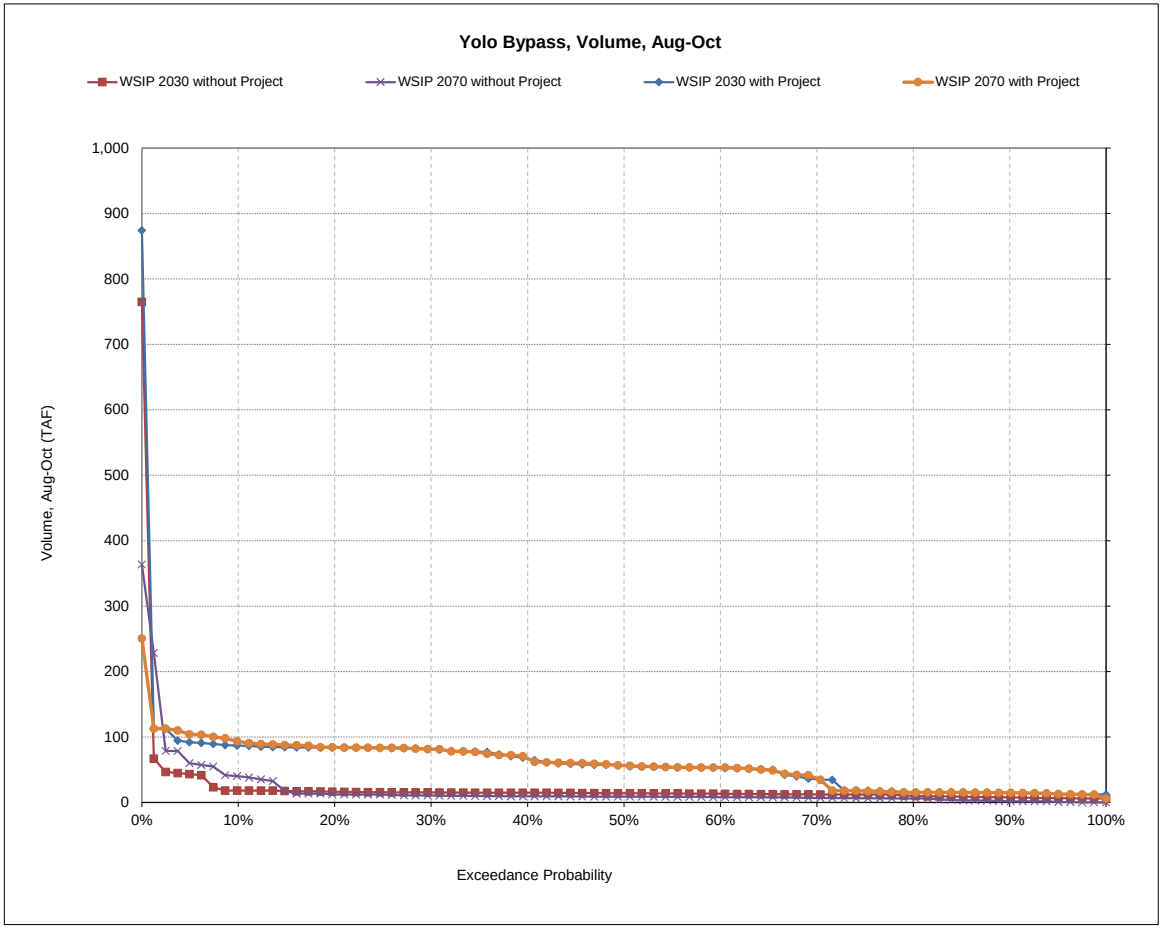
Yolo Bypass, Volume, Aug-Oct
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	Volume, Aug-Oct (TAF) DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	0	24	20
Alternative	0	64	58
Difference	0	40	38
Percent Difference[3]			
Water Year Types[2]			
Wet			
Basis of Comparison	0	20	19
Alternative	0	65	76
Difference	0	46	57
Percent Difference			
Above Normal			
Basis of Comparison	0	13	16
Alternative	0	72	56
Difference	0	58	40
Percent Difference			
Below Normal			
Basis of Comparison	0	14	10
Alternative	0	57	55
Difference	0	43	45
Percent Difference			
Dry			
Basis of Comparison	0	60	37
Alternative	0	100	59
Difference	0	40	22
Percent Difference		66.4%	58.4%
Critical			
Basis of Comparison	0	13	9
Alternative	0	18	22
Difference	0	5	13
Percent Difference		33.5%	

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

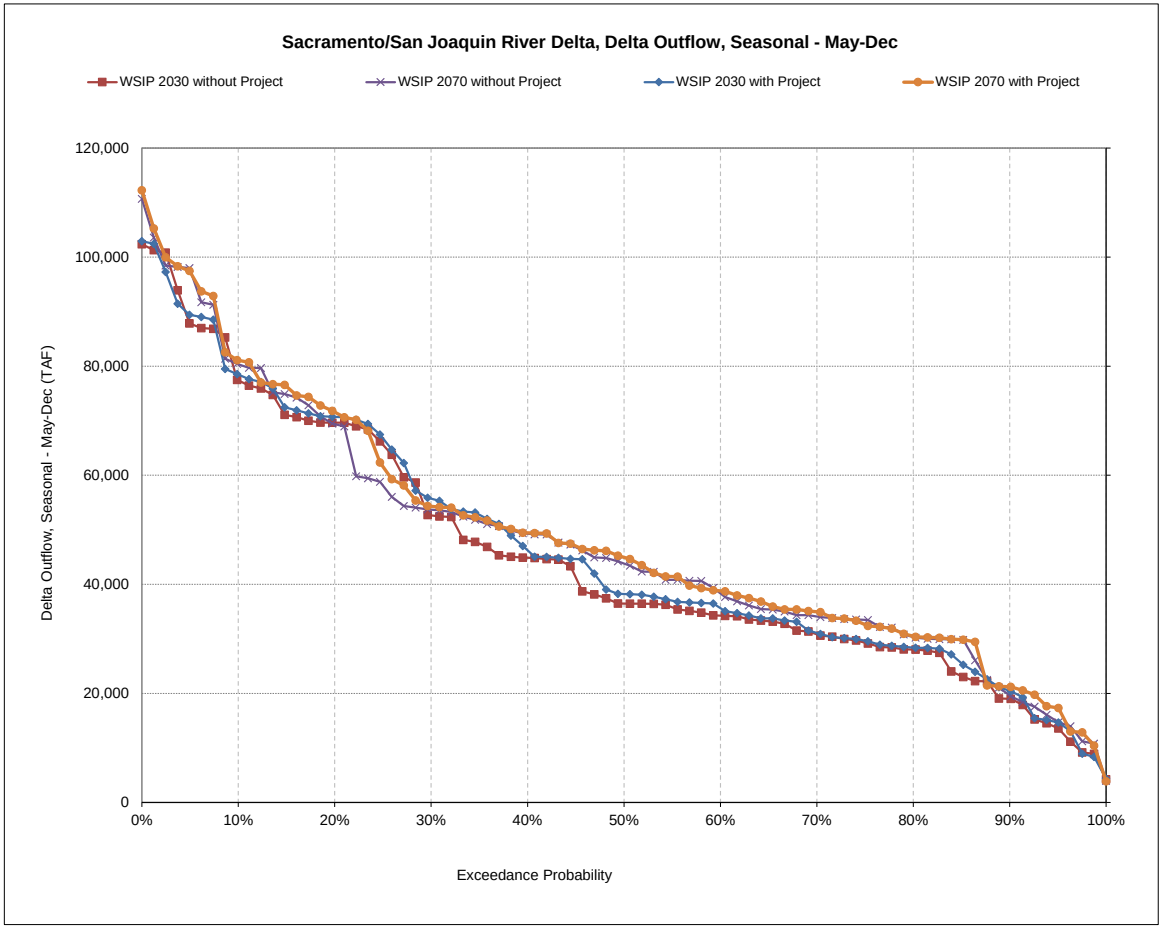
Sacramento/San Joaquin River Delta, Delta Outflow, Seasonal - May-Dec
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	Delta Outflow, Seasonal - May-Dec (TAF) DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	45,268	47,876
Alternative	--	46,488	48,858
Difference	--	1,221	982
Percent Difference[3]	--	2.7%	2.1%
Water Year Types[2]			
Wet			
Basis of Comparison	0	59,723	59,858
Alternative	0	59,936	60,115
Difference	0	214	257
Percent Difference		0.4%	0.4%
Above Normal			
Basis of Comparison	0	59,917	63,973
Alternative	0	61,099	64,846
Difference	0	1,182	874
Percent Difference		2.0%	1.4%
Below Normal			
Basis of Comparison	0	30,669	36,025
Alternative	0	33,007	38,649
Difference	0	2,337	2,624
Percent Difference		7.6%	7.3%
Dry			
Basis of Comparison	0	40,898	39,615
Alternative	0	43,289	39,772
Difference	0	2,391	156
Percent Difference		5.8%	0.4%
Critical			
Basis of Comparison	0	27,011	33,765
Alternative	0	27,225	36,013
Difference	0	214	2,248
Percent Difference		0.8%	6.7%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



1 Based on the 82-year simulation period

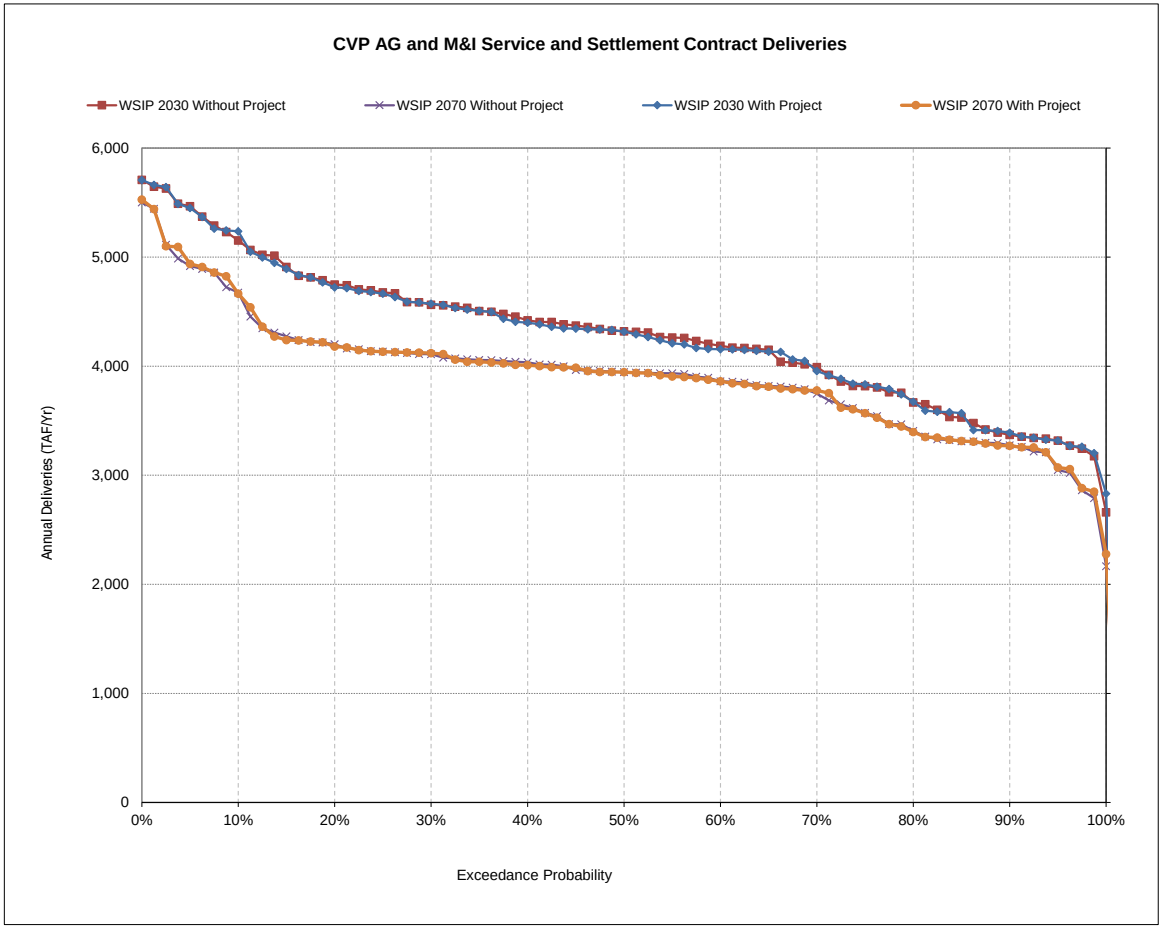
CVP AG and M&I Service and Settlement Contract Deliveries
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	Annual Deliveries (TAF/Yr) DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	4,286	3,914
Alternative	--	4,280	3,916
Difference	--	-6	2
Percent Difference[3]	--	-0.1%	0.1%
Water Year Types[2]			
Wet			
Basis of Comparison	--	4,908	4,423
Alternative	--	4,897	4,434
Difference	--	-11	11
Percent Difference	--	-0.2%	0.3%
Above Normal			
Basis of Comparison	--	4,234	3,753
Alternative	--	4,217	3,743
Difference	--	-17	-10
Percent Difference	--	-0.4%	-0.3%
Below Normal			
Basis of Comparison	--	4,197	3,808
Alternative	--	4,168	3,823
Difference	--	-28	15
Percent Difference	--	-0.7%	0.4%
Dry			
Basis of Comparison	--	3,855	3,683
Alternative	--	3,863	3,657
Difference	--	8	-25
Percent Difference	--	0.2%	-0.7%
Critical			
Basis of Comparison	--	3,385	3,135
Alternative	--	3,412	3,161
Difference	--	27	26
Percent Difference	--	0.8%	0.8%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



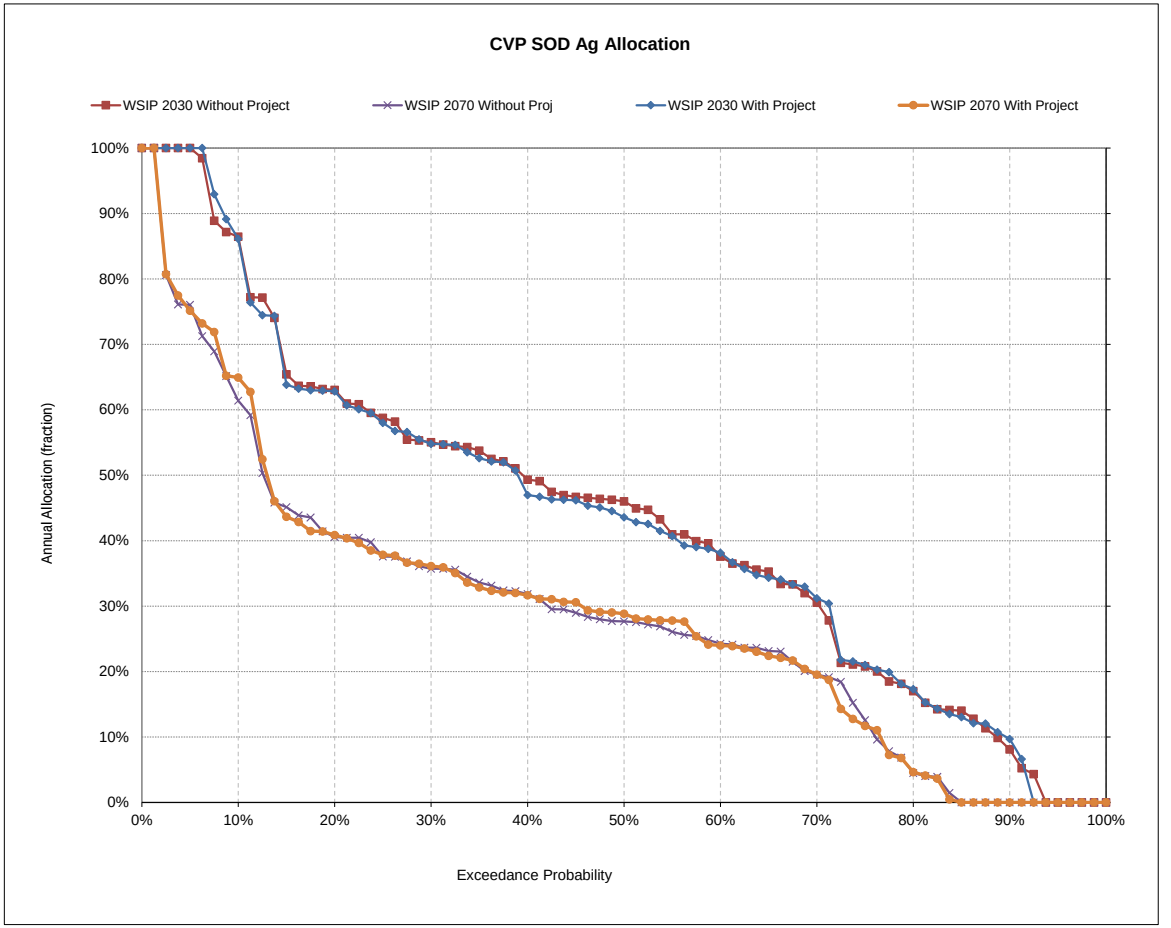
CVP SOD Ag Allocation
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	Annual Allocation (fraction) DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	0.44	0.29
Alternative	--	0.44	0.29
Difference	--	0.00	0.00
Percent Difference[3]	--	-0.6%	0.4%
Water Year Types[2]			
Wet			
Basis of Comparison	--	0.71	0.51
Alternative	--	0.71	0.51
Difference	--	0.00	0.01
Percent Difference	--	-0.3%	1.1%
Above Normal			
Basis of Comparison	--	0.52	0.34
Alternative	--	0.51	0.34
Difference	--	-0.01	0.00
Percent Difference	--	-1.9%	-0.9%
Below Normal			
Basis of Comparison	--	0.39	0.23
Alternative	--	0.37	0.23
Difference	--	-0.01	0.01
Percent Difference	--	-2.8%	3.5%
Dry			
Basis of Comparison	--	0.23	0.16
Alternative	--	0.23	0.16
Difference	--	0.01	-0.01
Percent Difference	--	2.8%	-4.0%
Critical			
Basis of Comparison	--	0.11	0.04
Alternative	--	0.12	0.04
Difference	--	0.00	0.00
Percent Difference	--	1.7%	1.5%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



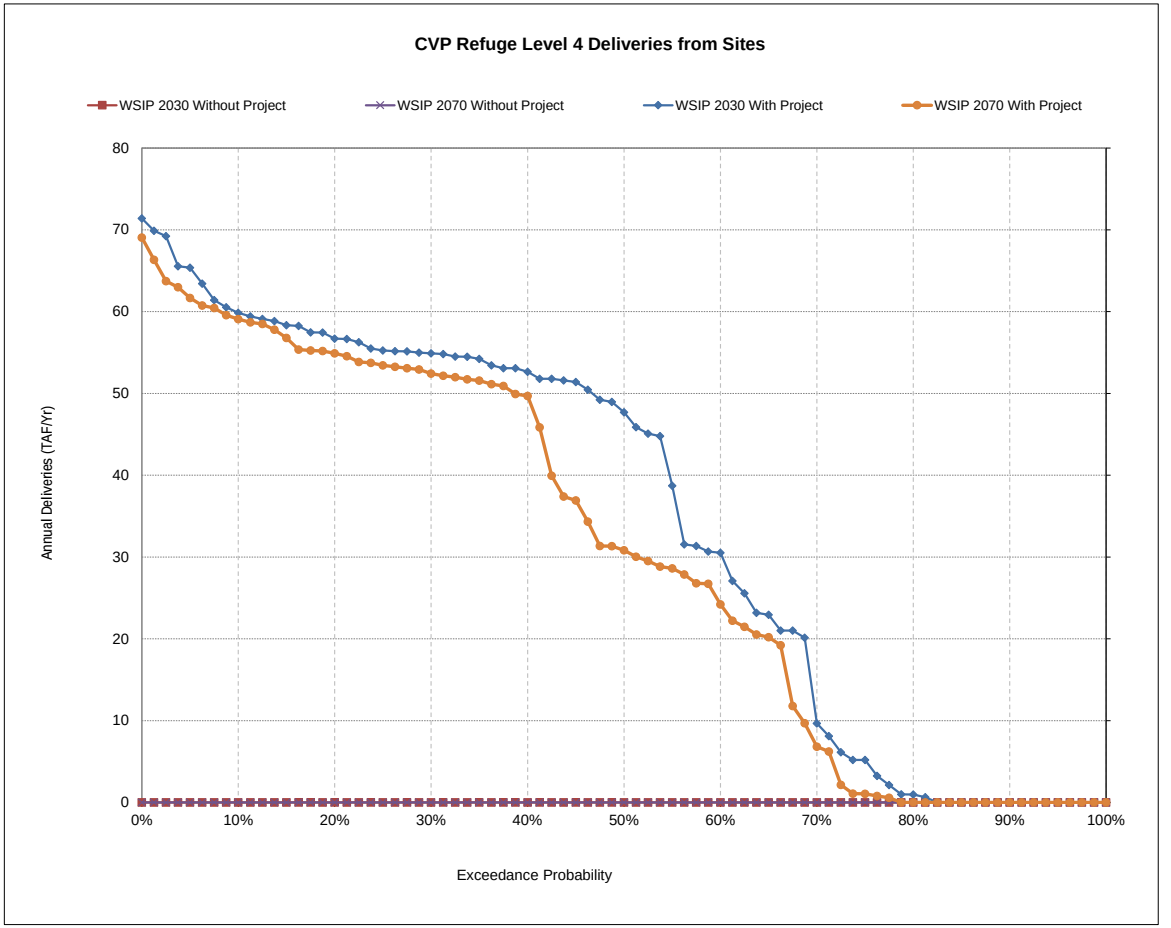
CVP Refuge Level 4 Deliveries from Sites
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	Annual Deliveries (TAF/Yr) DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	0	0
Alternative	--	35	31
Difference	--	35	31
Percent Difference[3]	--		
Water Year Types[2]			
Wet			
Basis of Comparison	--	0	0
Alternative	--	53	51
Difference	--	53	51
Percent Difference	--		
Above Normal			
Basis of Comparison	--	0	0
Alternative	--	43	37
Difference	--	43	37
Percent Difference	--		
Below Normal			
Basis of Comparison	--	0	0
Alternative	--	38	34
Difference	--	38	34
Percent Difference	--		
Dry			
Basis of Comparison	--	0	0
Alternative	--	21	16
Difference	--	21	16
Percent Difference	--		
Critical			
Basis of Comparison	--	0	0
Alternative	--	1	1
Difference	--	1	1
Percent Difference	--		

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



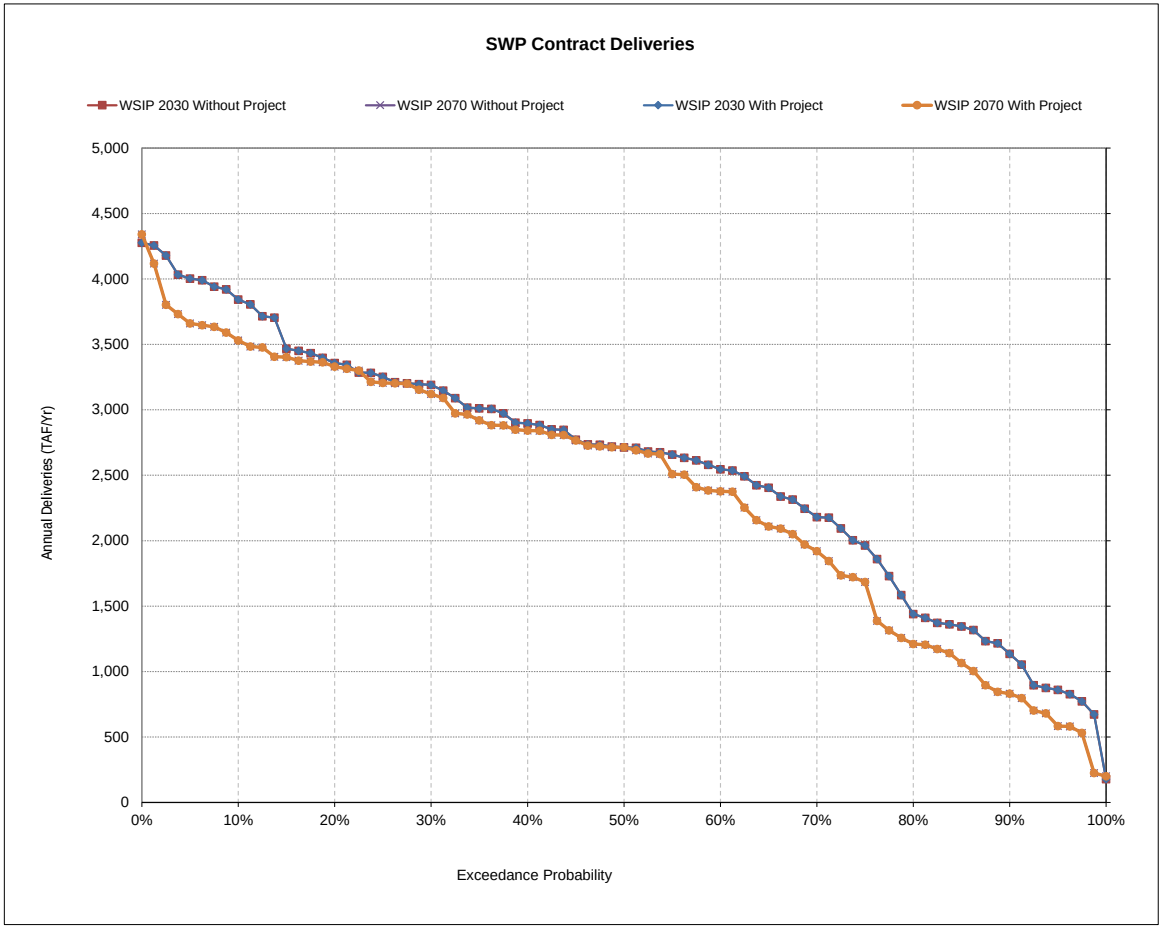
SWP Contract Deliveries
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	Annual Deliveries (TAF/Yr) DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	2,573	2,398
Alternative	--	2,573	2,398
Difference	--	0	0
Percent Difference[3]	--	0.0%	0.0%
Water Year Types[2]			
Wet			
Basis of Comparison	--	3,500	3,391
Alternative	--	3,500	3,391
Difference	--	0	0
Percent Difference	--	0.0%	0.0%
Above Normal			
Basis of Comparison	--	2,813	2,691
Alternative	--	2,813	2,691
Difference	--	0	0
Percent Difference	--	0.0%	0.0%
Below Normal			
Basis of Comparison	--	2,579	2,414
Alternative	--	2,579	2,414
Difference	--	0	0
Percent Difference	--	0.0%	0.0%
Dry			
Basis of Comparison	--	1,881	1,737
Alternative	--	1,881	1,737
Difference	--	0	0
Percent Difference	--	0.0%	0.0%
Critical			
Basis of Comparison	--	1,105	861
Alternative	--	1,105	861
Difference	--	0	0
Percent Difference	--	0.0%	0.0%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average



SWP SOD M&I Allocation
Long-term Average and Average by Water Year Type

Alternative: vs. Basis of Comparison:	Annual Allocation (fraction) DCR 2015 without Project vs. DCR 2015 with Project	WSIP 2030 without Project vs. WSIP 2030 with Project	WSIP 2070 without Project vs. WSIP 2070 with Project
Long-term			
Full Simulation Period[1]			
Basis of Comparison	--	0.62	0.57
Alternative	--	0.62	0.57
Difference	--	0.00	0.00
Percent Difference[3]	--	0.0%	0.0%
Water Year Types[2]			
Wet			
Basis of Comparison	--	0.86	0.81
Alternative	--	0.86	0.81
Difference	--	0.00	0.00
Percent Difference	--	0.0%	0.0%
Above Normal			
Basis of Comparison	--	0.68	0.65
Alternative	--	0.68	0.65
Difference	--	0.00	0.00
Percent Difference	--	0.0%	0.0%
Below Normal			
Basis of Comparison	--	0.60	0.57
Alternative	--	0.60	0.57
Difference	--	0.00	0.00
Percent Difference	--	0.0%	0.0%
Dry			
Basis of Comparison	--	0.44	0.40
Alternative	--	0.44	0.40
Difference	--	0.00	0.00
Percent Difference	--	0.0%	0.0%
Critical			
Basis of Comparison	--	0.25	0.20
Alternative	--	0.25	0.20
Difference	--	0.00	0.00
Percent Difference	--	0.0%	0.0%

1 Based on the 82-year simulation period

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

3 Relative difference of the monthly average