

Table C-19-5. American River d/s of Nimbus Dam, Monthly Flow

Existing Condition

Statistic	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	2,257	4,282	7,245	10,559	11,669	8,886	6,694	8,326	7,207	5,000	4,280	4,311
20%	1,723	3,062	4,444	6,735	9,108	5,544	5,098	5,048	5,136	5,000	3,823	4,177
30%	1,500	2,657	2,507	4,684	6,367	4,132	4,121	4,228	4,295	4,982	3,090	3,687
40%	1,500	2,398	2,000	3,087	4,750	3,426	3,287	3,591	3,197	4,577	2,920	3,193
50%	1,500	2,009	2,000	2,005	3,504	2,524	2,385	2,875	2,850	4,123	2,719	2,570
60%	1,500	1,925	2,000	1,700	2,413	1,843	2,057	1,750	2,344	3,623	2,502	2,041
70%	1,500	1,714	1,782	1,700	1,565	1,508	1,668	1,445	1,904	3,150	2,263	1,622
80%	1,500	1,534	1,499	1,542	1,445	1,143	1,445	1,339	1,750	2,930	1,752	1,207
90%	1,210	949	952	1,141	1,225	891	925	925	1,429	1,891	1,256	906
Long Term												
Full Simulation Period ^a	1,605	2,706	3,519	4,502	5,218	3,762	3,305	3,587	3,699	3,838	2,707	2,663
Water Year Types^b												
Wet (32%)	1,723	3,527	6,302	8,806	9,294	6,089	5,300	6,157	6,003	4,108	3,520	4,025
Above Normal (15%)	1,706	3,181	3,137	4,833	6,469	5,454	3,546	3,885	3,346	4,638	2,542	2,764
Below Normal (17%)	1,602	2,067	2,676	2,392	4,360	2,429	3,126	2,930	2,863	4,744	2,495	2,370
Dry (22%)	1,468	2,176	1,741	1,723	1,852	2,191	1,837	1,790	2,506	3,577	2,613	1,856
Critical (15%)	1,461	1,994	1,524	1,474	1,185	939	1,156	1,182	1,824	1,784	1,500	1,164

Alternative 4 H1 (LLT)

Statistic	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	2,461	2,159	8,679	13,543	15,920	9,380	6,950	6,542	5,000	5,000	2,508	1,872
20%	2,132	1,925	3,257	7,932	10,950	6,066	4,982	3,722	4,870	5,000	2,315	1,533
30%	1,750	1,925	2,001	5,645	7,463	4,829	4,218	2,991	4,440	4,845	1,964	1,533
40%	1,500	1,889	2,000	2,751	5,176	4,268	3,062	2,590	3,917	4,135	1,750	1,533
50%	1,500	1,686	1,944	1,783	3,673	2,908	2,507	2,161	3,557	3,361	1,750	1,533
60%	1,500	1,458	1,750	1,700	2,602	1,750	1,802	1,786	3,093	3,047	1,750	1,533
70%	1,228	1,125	1,170	1,697	1,518	1,346	1,582	1,542	2,643	2,673	1,437	1,354
80%	897	866	864	1,076	1,442	830	1,315	1,325	2,006	2,040	852	800
90%	800	800	800	800	800	800	800	803	1,074	955	800	722
Long Term												
Full Simulation Period ^a	1,620	1,925	3,460	5,244	6,189	4,174	3,351	2,873	3,466	3,390	1,689	1,437
Water Year Types^b												
Wet (32%)	1,557	2,482	6,452	11,143	11,163	6,982	5,510	4,654	4,472	3,729	2,122	1,960
Above Normal (15%)	1,589	2,284	2,947	5,969	8,327	5,920	3,321	2,758	3,605	4,696	1,971	1,515
Below Normal (17%)	2,062	1,612	2,806	2,098	5,029	2,834	2,995	2,435	4,040	3,866	1,793	1,370
Dry (22%)	1,449	1,341	1,416	1,411	1,888	2,200	1,913	1,957	2,743	2,812	1,346	1,170
Critical (15%)	1,531	1,601	1,318	1,156	1,075	867	1,278	1,011	1,563	1,663	860	705

Alternative 4 H1 (LLT) minus Existing Condition

Statistic	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	205	-2,123	1,434	2,984	4,251	494	256	-1,784	-2,207	0	-1,772	-2,439
20%	409	-1,137	-1,187	1,198	1,842	522	-115	-1,326	-266	0	-1,508	-2,644
30%	250	-732	-506	961	1,096	696	97	-1,237	145	-136	-1,126	-2,154
40%	0	-509	0	-336	426	842	-226	-1,001	720	-442	-1,170	-1,659
50%	0	-322	-56	-223	169	383	122	-714	707	-762	-969	-1,036
60%	0	-467	-250	0	188	-93	-255	36	749	-576	-752	-508
70%	-272	-589	-612	-3	-47	-162	-86	97	739	-477	-825	-268
80%	-603	-668	-634	-466	-3	-313	-130	-14	256	-891	-901	-407
90%	-410	-149	-152	-341	-425	-91	-125	-122	-355	-936	-456	-184
Long Term												
Full Simulation Period ^a	15	-781	-59	742	971	412	46	-714	-233	-447	-1,018	-1,226
Water Year Types^b												
Wet (32%)	-166	-1,045	151	2,336	1,870	893	210	-1,502	-1,531	-379	-1,398	-2,065
Above Normal (15%)	-117	-897	-190	1,136	1,858	467	-225	-1,127	260	58	-571	-1,249
Below Normal (17%)	460	-455	130	-294	669	405	-130	-495	1,177	-879	-702	-1,001
Dry (22%)	-19	-835	-325	-312	36	8	76	167	237	-765	-1,267	-686
Critical (15%)	70	-393	-206	-318	-110	-72	123	-171	-261	-121	-640	-459

Note: "LLT" (Late Long-Term) indicates Alternatives that are simulated with 2060 climate change and sea level rise.

a Based on the 82-year simulation period

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

Alternative 4 H1 represents the low delta outflow scenario of Alternative 4.

Table C-19-6. American River d/s of Nimbus Dam, Monthly Flow

Existing Condition

Statistic	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	2,257	4,282	7,245	10,559	11,669	8,886	6,694	8,326	7,207	5,000	4,280	4,311
20%	1,723	3,062	4,444	6,735	9,108	5,544	5,098	5,048	5,136	5,000	3,823	4,177
30%	1,500	2,657	2,507	4,684	6,367	4,132	4,121	4,228	4,295	4,982	3,090	3,687
40%	1,500	2,398	2,000	3,087	4,750	3,426	3,287	3,591	3,197	4,577	2,920	3,193
50%	1,500	2,009	2,000	2,005	3,504	2,524	2,385	2,875	2,850	4,123	2,719	2,570
60%	1,500	1,925	2,000	1,700	2,413	1,843	2,057	1,750	2,344	3,623	2,502	2,041
70%	1,500	1,714	1,782	1,700	1,565	1,508	1,668	1,445	1,904	3,150	2,263	1,622
80%	1,500	1,534	1,499	1,542	1,445	1,143	1,445	1,339	1,750	2,930	1,752	1,207
90%	1,210	949	952	1,141	1,225	891	925	925	1,429	1,891	1,256	906
Long Term												
Full Simulation Period ^a	1,605	2,706	3,519	4,502	5,218	3,762	3,305	3,587	3,699	3,838	2,707	2,663
Water Year Types^b												
Wet (32%)	1,723	3,527	6,302	8,806	9,294	6,089	5,300	6,157	6,003	4,108	3,520	4,025
Above Normal (15%)	1,706	3,181	3,137	4,833	6,469	5,454	3,546	3,885	3,346	4,638	2,542	2,764
Below Normal (17%)	1,602	2,067	2,676	2,392	4,360	2,429	3,126	2,930	2,863	4,744	2,495	2,370
Dry (22%)	1,468	2,176	1,741	1,723	1,852	2,191	1,837	1,790	2,506	3,577	2,613	1,856
Critical (15%)	1,461	1,994	1,524	1,474	1,185	939	1,156	1,182	1,824	1,784	1,500	1,164

Alternative 4 H2 (LLT)

Statistic	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	2,310	2,502	8,708	13,543	15,928	9,683	6,893	6,542	5,000	5,000	2,872	2,340
20%	2,091	1,925	3,309	8,518	10,993	6,066	4,982	3,666	4,149	5,000	2,615	1,533
30%	1,806	1,925	2,030	5,645	7,463	4,829	4,261	2,846	3,516	5,000	2,184	1,533
40%	1,500	1,925	2,000	2,859	5,176	4,246	3,320	2,467	3,111	4,141	2,030	1,533
50%	1,500	1,708	2,000	2,186	3,693	2,845	2,506	1,888	2,805	3,688	1,750	1,533
60%	1,500	1,614	1,750	1,700	2,764	1,939	1,760	1,750	2,364	3,180	1,750	1,533
70%	1,427	1,371	1,517	1,700	1,750	1,391	1,546	1,369	1,750	2,747	1,549	1,365
80%	967	974	896	1,324	1,329	925	1,187	1,124	1,500	2,332	894	800
90%	800	800	800	800	979	800	800	800	937	1,269	800	729
Long Term												
Full Simulation Period ^a	1,620	2,049	3,568	5,310	6,239	4,193	3,331	2,733	2,890	3,521	1,833	1,487
Water Year Types^b												
Wet (32%)	1,659	2,719	6,710	11,115	11,167	6,989	5,504	4,598	3,905	3,708	2,238	2,013
Above Normal (15%)	1,650	2,390	3,011	6,096	8,344	5,914	3,295	2,658	2,791	4,627	2,058	1,483
Below Normal (17%)	1,943	1,664	2,794	2,210	5,215	2,841	2,986	1,985	2,941	4,146	2,131	1,500
Dry (22%)	1,371	1,455	1,471	1,571	1,961	2,282	1,874	1,822	2,474	2,998	1,424	1,236
Critical (15%)	1,502	1,595	1,368	1,175	1,069	856	1,250	1,007	1,355	2,067	997	711

Alternative 4 H2 (LLT) minus Existing Condition

Statistic	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	53	-1,780	1,463	2,984	4,260	797	199	-1,784	-2,207	0	-1,407	-1,971
20%	368	-1,137	-1,136	1,783	1,885	522	-116	-1,382	-987	0	-1,208	-2,644
30%	306	-732	-477	961	1,095	696	140	-1,382	-779	18	-906	-2,154
40%	0	-473	0	-228	426	819	33	-1,124	-86	-437	-890	-1,659
50%	0	-301	0	181	189	321	120	-987	-45	-435	-969	-1,036
60%	0	-311	-250	0	351	96	-297	0	20	-444	-752	-507
70%	-73	-343	-265	0	185	-116	-122	-76	-154	-403	-714	-258
80%	-533	-560	-603	-218	-116	-218	-258	-214	-250	-598	-859	-407
90%	-410	-149	-152	-341	-246	-91	-125	-125	-492	-622	-456	-177
Long Term												
Full Simulation Period ^a	15	-657	49	808	1,022	431	26	-853	-809	-316	-874	-1,176
Water Year Types^b												
Wet (32%)	-63	-808	409	2,309	1,874	900	204	-1,558	-2,098	-400	-1,283	-2,012
Above Normal (15%)	-56	-791	-126	1,263	1,875	461	-251	-1,227	-554	-11	-484	-1,282
Below Normal (17%)	341	-403	118	-182	855	412	-140	-945	77	-599	-364	-871
Dry (22%)	-97	-721	-270	-152	109	91	36	32	-32	-579	-1,188	-620
Critical (15%)	41	-400	-156	-300	-116	-83	94	-175	-469	283	-503	-453

Note: "LLT" (Late Long-Term) indicates Alternatives that are simulated with 2060 climate change and sea level rise.

a Based on the 82-year simulation period

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

Alternative 4 H2 represents the enhanced spring delta outflow scenario of Alternative 4.

Table C-19-7. American River d/s of Nimbus Dam, Monthly Flow

Existing Condition												
Statistic	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	2,257	4,282	7,245	10,559	11,669	8,886	6,694	8,326	7,207	5,000	4,280	4,311
20%	1,723	3,062	4,444	6,735	9,108	5,544	5,098	5,048	5,136	5,000	3,823	4,177
30%	1,500	2,657	2,507	4,684	6,367	4,132	4,121	4,228	4,295	4,982	3,090	3,687
40%	1,500	2,398	2,000	3,087	4,750	3,426	3,287	3,591	3,197	4,577	2,920	3,193
50%	1,500	2,009	2,000	2,005	3,504	2,524	2,385	2,875	2,850	4,123	2,719	2,570
60%	1,500	1,925	2,000	1,700	2,413	1,843	2,057	1,750	2,344	3,623	2,502	2,041
70%	1,500	1,714	1,782	1,700	1,565	1,508	1,668	1,445	1,904	3,150	2,263	1,622
80%	1,500	1,534	1,499	1,542	1,445	1,143	1,445	1,339	1,750	2,930	1,752	1,207
90%	1,210	949	952	1,141	1,225	891	925	925	1,429	1,891	1,256	906
Long Term												
Full Simulation Period ^a	1,605	2,706	3,519	4,502	5,218	3,762	3,305	3,587	3,699	3,838	2,707	2,663
Water Year Types^b												
Wet (32%)	1,723	3,527	6,302	8,806	9,294	6,089	5,300	6,157	6,003	4,108	3,520	4,025
Above Normal (15%)	1,706	3,181	3,137	4,833	6,469	5,454	3,546	3,885	3,346	4,638	2,542	2,764
Below Normal (17%)	1,602	2,067	2,676	2,392	4,360	2,429	3,126	2,930	2,863	4,744	2,495	2,370
Dry (22%)	1,468	2,176	1,741	1,723	1,852	2,191	1,837	1,790	2,506	3,577	2,613	1,856
Critical (15%)	1,461	1,994	1,524	1,474	1,185	939	1,156	1,182	1,824	1,784	1,500	1,164

Alternative 4 H3 (LLT)												
Statistic	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	2,597	2,831	8,558	13,543	15,920	9,229	6,950	6,542	5,000	5,000	2,509	3,450
20%	2,184	1,925	2,501	8,535	11,228	6,070	4,982	3,722	4,935	5,000	2,280	2,847
30%	1,681	1,925	2,000	5,645	7,468	4,776	4,263	3,043	4,344	4,998	1,977	2,038
40%	1,500	1,817	2,000	2,557	5,186	4,246	3,017	2,561	3,847	4,471	1,753	1,533
50%	1,500	1,683	1,848	1,750	3,290	2,910	2,509	2,295	3,272	3,622	1,750	1,533
60%	1,500	1,425	1,750	1,700	1,914	1,750	1,805	1,798	2,863	3,203	1,750	1,533
70%	1,240	1,133	1,162	1,637	1,560	1,436	1,577	1,551	2,485	2,680	1,482	1,410
80%	870	800	800	1,131	1,445	827	1,209	1,289	1,588	2,305	862	805
90%	800	800	800	800	807	800	800	800	941	939	641	735
Long Term												
Full Simulation Period ^a	1,613	1,965	3,288	5,184	6,155	4,160	3,336	2,886	3,311	3,496	1,685	1,827
Water Year Types^b												
Wet (32%)	1,491	2,508	6,090	11,040	11,107	6,987	5,517	4,674	4,373	3,706	2,118	3,026
Above Normal (15%)	1,663	2,406	2,927	5,753	8,243	5,811	3,301	2,775	3,597	4,738	1,971	1,819
Below Normal (17%)	2,001	1,593	2,991	2,026	4,934	2,842	2,952	2,381	3,517	4,198	1,757	1,377
Dry (22%)	1,430	1,494	1,340	1,417	1,972	2,194	1,884	2,029	2,815	2,771	1,369	1,228
Critical (15%)	1,650	1,490	1,315	1,258	1,036	872	1,270	1,002	1,226	2,070	855	662

Alternative 4 H3 (LLT) minus Existing Condition												
Statistic	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	341	-1,451	1,313	2,984	4,251	344	256	-1,784	-2,207	0	-1,771	-861
20%	461	-1,137	-1,943	1,800	2,120	526	-116	-1,326	-201	0	-1,544	-1,330
30%	181	-732	-507	961	1,100	643	142	-1,186	49	17	-1,113	-1,649
40%	0	-580	0	-529	436	819	-271	-1,030	650	-107	-1,167	-1,659
50%	0	-325	-152	-255	-214	386	124	-580	422	-501	-969	-1,036
60%	0	-500	-250	0	-499	-93	-252	48	519	-420	-752	-507
70%	-260	-582	-620	-63	-4	-71	-91	106	581	-470	-780	-212
80%	-630	-734	-699	-411	0	-316	-236	-50	-162	-625	-891	-402
90%	-410	-149	-152	-341	-418	-91	-125	-125	-487	-952	-615	-170
Long Term												
Full Simulation Period ^a	8	-741	-231	682	937	398	30	-700	-388	-341	-1,022	-836
Water Year Types^b												
Wet (32%)	-232	-1,019	-211	2,233	1,814	898	217	-1,483	-1,630	-402	-1,402	-998
Above Normal (15%)	-43	-774	-209	921	1,774	358	-245	-1,110	252	100	-571	-945
Below Normal (17%)	399	-475	-85	-366	574	413	-174	-549	654	-547	-738	-994
Dry (22%)	-38	-682	-401	-306	120	3	47	240	310	-807	-1,244	-628
Critical (15%)	189	-504	-209	-216	-149	-68	115	-180	-598	286	-645	-503

Note: "LLT" (Late Long-Term) indicates Alternatives that are simulated with 2060 climate change and sea level rise.

a Based on the 82-year simulation period

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

Alternative 4 H3 represents the fall X2 scenario of Alternative 4.

Table C-19-8. American River d/s of Nimbus Dam, Monthly Flow

Existing Condition												
Statistic	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	2,257	4,282	7,245	10,559	11,669	8,886	6,694	8,326	7,207	5,000	4,280	4,311
20%	1,723	3,062	4,444	6,735	9,108	5,544	5,098	5,048	5,136	5,000	3,823	4,177
30%	1,500	2,657	2,507	4,684	6,367	4,132	4,121	4,228	4,295	4,982	3,090	3,687
40%	1,500	2,398	2,000	3,087	4,750	3,426	3,287	3,591	3,197	4,577	2,920	3,193
50%	1,500	2,009	2,000	2,005	3,504	2,524	2,385	2,875	2,850	4,123	2,719	2,570
60%	1,500	1,925	2,000	1,700	2,413	1,843	2,057	1,750	2,344	3,623	2,502	2,041
70%	1,500	1,714	1,782	1,700	1,565	1,508	1,668	1,445	1,904	3,150	2,263	1,622
80%	1,500	1,534	1,499	1,542	1,445	1,143	1,445	1,339	1,750	2,930	1,752	1,207
90%	1,210	949	952	1,141	1,225	891	925	925	1,429	1,891	1,256	906
Long Term												
Full Simulation Period ^a	1,605	2,706	3,519	4,502	5,218	3,762	3,305	3,587	3,699	3,838	2,707	2,663
Water Year Types ^b												
Wet (32%)	1,723	3,527	6,302	8,806	9,294	6,089	5,300	6,157	6,003	4,108	3,520	4,025
Above Normal (15%)	1,706	3,181	3,137	4,833	6,469	5,454	3,546	3,885	3,346	4,638	2,542	2,764
Below Normal (17%)	1,602	2,067	2,676	2,392	4,360	2,429	3,126	2,930	2,863	4,744	2,495	2,370
Dry (22%)	1,468	2,176	1,741	1,723	1,852	2,191	1,837	1,790	2,506	3,577	2,613	1,856
Critical (15%)	1,461	1,994	1,524	1,474	1,185	939	1,156	1,182	1,824	1,784	1,500	1,164

Alternative 4 H4 (LLT)												
Statistic	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	2,237	2,696	8,558	13,543	15,927	9,683	6,950	6,542	5,000	5,000	2,967	4,119
20%	1,729	1,925	2,919	8,584	11,228	6,070	4,982	3,666	4,298	5,000	2,638	3,666
30%	1,500	1,921	2,000	5,244	7,467	4,749	4,261	2,807	3,624	5,000	2,380	2,728
40%	1,500	1,761	2,000	2,768	5,186	3,872	3,140	2,395	3,260	4,382	2,034	1,992
50%	1,500	1,683	1,808	1,725	3,423	2,847	2,506	1,888	2,822	3,627	1,750	1,533
60%	1,497	1,468	1,750	1,700	1,990	1,939	1,760	1,741	2,276	3,088	1,750	1,533
70%	1,244	1,221	1,229	1,488	1,480	1,439	1,537	1,383	1,750	2,674	1,728	1,388
80%	800	839	802	1,166	1,367	894	1,138	900	1,426	2,231	984	878
90%	800	800	800	800	823	800	800	800	937	1,186	800	767
Long Term												
Full Simulation Period ^a	1,493	1,977	3,376	5,194	6,175	4,156	3,323	2,732	2,936	3,474	1,926	2,088
Water Year Types ^b												
Wet (32%)	1,453	2,535	6,320	10,995	11,109	6,987	5,516	4,604	3,894	3,795	2,253	3,614
Above Normal (15%)	1,537	2,343	2,904	5,859	8,230	5,750	3,294	2,609	2,865	4,625	2,202	2,032
Below Normal (17%)	1,785	1,591	2,612	2,096	5,065	2,803	2,977	1,960	2,949	4,090	2,222	1,526
Dry (22%)	1,232	1,534	1,398	1,469	1,928	2,253	1,823	1,862	2,553	2,867	1,567	1,313
Critical (15%)	1,589	1,514	1,329	1,161	1,091	865	1,253	1,005	1,490	1,819	1,131	657

Alternative 4 H4 (LLT) minus Existing Condition												
Statistic	Monthly Flow (CFS)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Probability of Exceedance												
10%	-20	-1,586	1,313	2,984	4,258	797	256	-1,784	-2,207	0	-1,313	-192
20%	6	-1,137	-1,525	1,849	2,120	526	-116	-1,382	-838	0	-1,185	-511
30%	0	-736	-507	560	1,099	617	140	-1,421	-671	18	-711	-959
40%	0	-637	0	-318	436	446	-147	-1,195	63	-195	-886	-1,201
50%	0	-325	-192	-280	-81	322	120	-988	-28	-497	-969	-1,036
60%	-3	-458	-250	0	-424	96	-297	-9	-68	-535	-752	-507
70%	-256	-494	-553	-213	-85	-69	-131	-62	-154	-476	-534	-234
80%	-700	-695	-697	-376	-78	-249	-307	-438	-324	-700	-768	-329
90%	-410	-149	-152	-341	-402	-91	-125	-125	-492	-705	-456	-139
Long Term												
Full Simulation Period ^a	-112	-730	-143	692	957	395	18	-855	-763	-364	-782	-575
Water Year Types ^b												
Wet (32%)	-270	-992	18	2,188	1,815	898	216	-1,553	-2,109	-314	-1,267	-411
Above Normal (15%)	-169	-837	-233	1,026	1,761	296	-252	-1,276	-481	-13	-340	-732
Below Normal (17%)	183	-476	-64	-296	705	373	-149	-970	86	-654	-273	-845
Dry (22%)	-236	-643	-343	-254	76	61	-14	73	48	-710	-1,045	-543
Critical (15%)	128	-481	-195	-313	-94	-74	98	-177	-334	35	-369	-508

Note: "LLT" (Late Long-Term) indicates Alternatives that are simulated with 2060 climate change and sea level rise.

a Based on the 82-year simulation period

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

Alternative 4 H4 represents the high delta outflow scenario of Alternative 4.