

Changes in Diversions from Baseline in Different Year Types and on Average under LSJR Unimpaired Flow Alternatives

Prepared by the California Farm Bureau Federation, July 24, 2018

(based on July 2018 Final Draft SED, p. 5-76, Table 5-20a. "Annual Cumulative Distributions of Unimpaired Runoff and Water Supply Diversions for Baseline and LSJR Alternatives 22, 3, and 4 (20, 40, and 60 Percent Unimpaired Flow) for Irrigation Years 1922-2003 (TAF)

Percentile of Historic Hydrology (Water Year Type)	Stanislaus												Tuolumne												Merced												Totals			
	Unimpaired Flow	Baseline Diversions	Diversions under LSJR Alt 2 (20%)	Change from Baseline at 20%	Estimated Diversions at 30%	Change from Baseline at 30%	Diversions under LSJR Alt 3 (40%)	Change from Baseline at 40%	Estimated Diversions at 50%	Change from Baseline at 50%	Diversions under LSJR Alt 4 (60%)	Change from Baseline at 60%	Unimpaired Flow	Baseline Diversions	Diversions under LSJR Alt 2 (20%)	Change from Baseline at 20%	Estimated Diversions at 30%	Change from Baseline at 30%	Diversions under LSJR Alt 3 (40%)	Change from Baseline at 40%	Estimated Diversions at 50%	Change from Baseline at 50%	Diversions under LSJR Alt 4 (60%)	Change from Baseline at 60%	Unimpaired Flow	Baseline Diversions	Diversions under LSJR Alt 2 (20%)	Change from Baseline at 20%	Estimated Diversions at 30%	Change from Baseline at 30%	Diversions under LSJR Alt 3 (40%)	Change from Baseline at 40%	Estimated Diversions at 50%	Change from Baseline at 50%	Diversions under LSJR Alt 4 (60%)	Change from Baseline at 60%	30% Change Totals	40% Change Totals	50% Change Totals	
Driest	Minimum	155	252	228	24	228	24	228	24	196	56	164	88	384	557	371	186	356	201	341	216	277.5	279.5	214	343	151	136	203	-67	203	-67	203	-67	203	-66.5	202	-66	158	173	269
^ v	10	456	538	452	86	358.5	179.5	265	273	233	305	201	337	836	685	652	33	530	155	408	277	318.5	366.5	229	456	408	441	380	61	319.5	121.5	259	182	239.5	201.5	220	221	456	732	873
	20	592	583	570	13	486.5	96.5	403	180	312	271	221	362	1055	796	781	15	672	124	563	233	425	371	287	509	489	558	472	86	412.5	145.5	353	205	298	260	243	315	366	618	902
	30	680	605	624	-19	544	61	464	141	362	243	260	345	1166	828	822	6	731.5	96.5	641	187	509.5	318.5	378	450	560	578	551	27	479.5	98.5	408	170	346	232	284	294	256	498	793.5
	40	891	630	657	-27	620.5	9.5	584	46	453	177	322	308	1413	855	852	3	807.5	47.5	763	92	611.5	243.5	460	395	669	602	565	37	516	86	467	135	395	207	323	279	143	273	627.5
	50	1095	661	673	-12	656.5	4.5	640	21	519.5	141.5	399	262	1783	878	869	9	835.5	42.5	802	76	670	208	538	340	895	617	587	30	569	48	551	66	465.5	151.5	380	237	95	163	501
	60	1264	676	687	-11	675	1	663	13	586.5	89.5	510	166	2036	891	889	2	858.5	32.5	828	63	750.5	140.5	673	218	1086	630	603	27	583.5	46.5	564	66	503	127	442	188	80	142	357
	70	1368	694	701	-7	690	4	679	15	640	54	601	93	2198	915	910	5	884.5	30.5	859	56	811	104	763	152	1169	643	619	24	600.5	42.5	582	61	538	105	494	149	77	132	263
	80	1563	708	709	-1	702	6	695	13	678	30	661	47	2490	932	930	2	908.5	23.5	887	45	853.5	78.5	820	112	1399	653	632	21	619.5	33.5	607	46	582	71	557	96	63	104	179.5
	90	1910	723	724	-1	718	5	712	11	701	22	690	33	3090	960	957	3	932.5	27.5	908	52	880.5	79.5	853	107	1706	669	659	10	645.5	23.5	632	37	606	63	580	89	56	100	164.5
Wettest	Maximum	2954	772	772	0	765.5	6.5	759	13	759	13	759	13	4630	1034	1034	0	1019	15	1004	30	955.5	78.5	907	127	2790	680	673	7	673	7	660.5	19.5	648	32	28.5	50	111		
	Average	1118	637	624	13	591	46	558	79	494.5	142.5	431	206	1851	851	831	20	781.5	69.5	732	119	642.5	208.5	553	298	958	580	547	33	516	64	485	95	440	140	395	185	179.5	293	491

