KERN RIVER 2015

PREPARED FOR:

FERNANDO RIZO

2015
HYDROGRAPHIC ANNUAL REPORT

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HISTORICAL DATA

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

YEAR	QUANTITY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL	MAX.	MIN.	MEAN
		Measurements and Estimates were not made prior to September 29, 1893...															
1893	acre-feet										32,864	30,827	31,757	--	--	--	--
	mean s.f.d.										534	518	516	--	--	--	--
1894	acre-feet	40,647	39,816	61,548	88,974	98,801	64,564	43,061	20,565	14,759	17,179	14,501	28,911	533,326	--	--	--
	mean s.f.d.	661	717	1,001	1,495	1,607	1,085	700	334	248	279	244	470	--	2,208	172	737
1895	acre-feet	49,769	69,521	84,456	162,071	268,635	172,890	91,133	38,672	20,452	20,091	20,604	24,758	1,023,052	--	--	--
	mean s.f.d.	809	1,252	1,374	2,724	4,369	2,906	1,482	629	344	327	346	403	--	5,583	276	1,413
1896	acre-feet	45,951	35,510	58,494	57,864	86,174	146,124	82,760	29,885	18,061	16,401	21,108	21,360	619,692	--	--	--
	mean s.f.d.	747	617	951	972	1,401	2,456	1,346	486	304	267	355	347	--	3,611	223	854
1897	acre-feet	22,949	44,941	56,756	173,393	281,639	137,393	61,837	28,842	17,728	20,888	21,146	25,922	893,434	--	--	--
	mean s.f.d.	373	809	923	2,914	4,580	2,309	1,006	469	298	340	355	422	--	5,342	260	1,234
1898	acre-feet	22,332	24,105	23,882	42,248	45,213	32,809	15,033	7,390	6,885	9,830	9,884	12,216	251,827	--	--	--
	mean s.f.d.	363	434	388	710	735	551	244	120	116	160	166	199	--	1,342	80	348
1899	acre-feet	16,185	16,754	36,279	53,133	51,353	79,178	30,046	9,600	6,248	9,852	13,180	17,064	338,872	--	--	--
	mean s.f.d.	263	302	590	893	835	1,331	489	156	105	160	221	278	--	4,932	86	468
1900	acre-feet	22,266	15,562	25,384	28,102	68,295	76,366	24,125	8,860	9,903	9,808	20,787	22,915	332,373	--	--	--
	mean s.f.d.	362	280	413	472	1,111	1,283	392	144	166	160	349	373	--	1,969	101	459
1901	acre-feet	30,337	47,760	78,109	83,190	186,446	197,792	114,613	59,536	20,535	19,468	22,429	19,874	880,089	--	--	--
	mean s.f.d.	493	860	1,270	1,398	3,032	3,324	1,864	968	345	317	377	323	--	4,419	226	1,216
1902	acre-feet	17,407	20,582	48,546	107,403	109,904	128,853	43,436	19,172	11,695	12,242	16,739	16,560	552,539	--	--	--
	mean s.f.d.	283	371	790	1,805	1,787	2,165	706	312	197	199	281	269	--	3,758	160	763
1903	acre-feet	21,531	25,192	35,575	74,315	132,097	139,222	53,355	18,623	11,357	10,681	12,107	12,340	546,395	--	--	--
	mean s.f.d.	350	454	579	1,249	2,148	2,340	868	303	191	174	203	201	--	3,374	150	755
1904	acre-feet	11,982	19,902	40,996	59,812	113,205	103,904	39,725	28,733	15,901	26,955	17,006	14,828	492,949	--	--	--
	mean s.f.d.	195	346	667	1,005	1,841	1,746	646	467	267	438	286	241	--	3,167	156	679
1905	acre-feet	17,258	22,001	50,598	62,047	117,748	132,766	53,835	20,134	12,563	12,744	14,041	16,074	531,809	--	--	--
	mean s.f.d.	281	396	823	1,043	1,915	2,231	876	327	211	207	236	261	--	3,247	165	735
1906	acre-feet	42,623	34,750	126,844	173,143	360,234	458,418	399,841	141,384	57,925	37,464	29,931	37,983	1,900,540	--	--	--
	mean s.f.d.	693	626	2,063	2,910	5,859	7,704	6,503	2,299	973	609	503	618	--	9,684	222	2,625
1907	acre-feet	41,697	56,834	83,272	197,720	199,950	183,995	97,083	41,940	24,623	22,428	19,747	21,611	990,900	--	--	--
	mean s.f.d.	678	1,023	1,354	3,323	3,252	3,092	1,579	682	414	365	332	351	--	--	--	1,369
1908	acre-feet	27,878	32,481	65,079	79,320	79,418	60,305	41,851	32,378	21,763	21,487	18,206	18,337	498,503	--	--	--
	mean s.f.d.	453	565	1,058	1,333	1,292	1,013	681	527	366	349	306	298	--	--	--	687
1909	acre-feet	118,441	125,050	128,649	247,402	382,617	394,086	194,870	66,224	43,448	31,214	34,350	72,292	1,838,643	--	--	--
	mean s.f.d.	1,926	2,252	2,092	4,158	6,223	6,623	3,169	1,077	730	508	577	1,176	--	11,870	295	2,540
1910	acre-feet	73,523	48,904	85,085	102,883	127,733	79,464	42,046	24,216	17,201	18,976	18,881	19,999	658,911	--	--	--
	mean s.f.d.	1,196	881	1,384	1,729	2,077	1,335	684	394	289	309	317	325	--	4,847	222	910

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

YEAR	QUANTITY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL	MAX.	MIN.	MEAN
1911	acre-feet	38,241	53,944	80,166	138,113	184,481	222,076	156,498	45,880	25,222	25,422	21,691	21,650	1,013,384	--	--	--
	mean s.f.d.	622	971	1,304	2,321	3,000	3,732	2,545	746	424	413	365	352	--	5,383	273	1,400
1912	acre-feet	23,320	21,302	28,090	37,246	80,471	100,925	33,170	16,653	10,899	11,780	11,772	11,804	387,432	--	--	--
	mean s.f.d.	379	370	457	626	1,309	1,696	539	271	183	192	198	192	--	3,220	147	534
1913	acre-feet	13,019	15,731	25,191	42,494	73,561	60,738	34,929	31,454	25,357	13,402	15,368	16,596	367,840	--	--	--
	mean s.f.d.	212	283	410	714	1,196	1,021	568	512	426	218	258	270	--	1,976	126	508
1914	acre-feet	116,541	62,575	102,739	144,934	210,676	201,064	128,338	55,127	25,240	24,462	20,390	21,427	1,113,513	--	--	--
	mean s.f.d.	1,895	1,127	1,671	2,436	3,426	3,379	2,087	897	424	398	343	348	--	18,287	285	1,538
1915	acre-feet	22,500	30,254	48,536	80,916	124,506	172,324	77,496	24,668	16,457	14,452	14,858	19,320	646,287	--	--	--
	mean s.f.d.	366	545	789	1,360	2,025	2,896	1,260	401	277	235	250	314	--	4,249	203	891
1916	acre-feet	172,346	202,510	378,116	481,749	472,994	391,700	225,154	56,755	33,808	41,774	30,879	32,364	2,520,149	--	--	--
	mean s.f.d.	2,803	3,521	6,149	8,096	7,693	6,583	3,662	923	568	679	519	526	--	17,962	274	3,481
1917	acre-feet	40,128	44,894	65,242	126,329	165,062	187,638	81,275	36,990	19,696	17,970	18,488	19,370	823,082	--	--	--
	mean s.f.d.	653	808	1,061	2,123	2,684	3,153	1,322	602	331	292	311	315	--	4,331	267	1,137
1918	acre-feet	18,918	18,559	48,087	74,513	78,722	136,753	44,828	20,807	17,562	32,555	22,160	25,039	538,503	--	--	--
	mean s.f.d.	308	334	782	1,252	1,280	2,298	729	338	295	529	372	407	--	3,478	227	744
1919	acre-feet	21,098	23,002	37,973	86,574	140,215	81,844	34,364	16,288	11,722	13,835	13,884	18,325	499,124	--	--	--
	mean s.f.d.	343	414	618	1,455	2,280	1,375	559	265	197	225	233	298	--	4,299	156	689
1920	acre-feet	17,220	18,044	40,397	83,370	158,904	137,840	50,699	22,431	14,949	16,596	19,490	20,703	600,643	--	--	--
	mean s.f.d.	280	314	657	1,401	2,584	2,316	825	365	251	270	328	337	--	4,456	196	827
1921	acre-feet	23,520	30,791	55,402	51,723	100,096	120,387	49,119	18,073	12,595	13,180	12,960	21,673	509,519	--	--	--
	mean s.f.d.	383	554	901	869	1,628	2,023	799	294	212	214	218	352	--	3,548	110	704
1922	acre-feet	30,682	33,846	52,468	84,407	242,259	202,395	88,649	37,061	23,772	17,770	19,835	28,282	861,426	--	--	--
	mean s.f.d.	499	609	853	1,419	3,940	3,401	1,442	603	400	289	333	460	--	5,300	196	1,190
1923	acre-feet	26,863	25,720	31,372	73,355	120,849	82,528	55,800	22,322	18,054	15,495	14,348	13,809	500,515	--	--	--
	mean s.f.d.	437	463	510	1,233	1,965	1,387	908	363	303	252	241	225	--	3,275	179	691
1924	acre-feet	13,676	13,702	15,953	28,540	41,722	14,069	8,225	5,881	5,494	7,642	14,196	18,627	187,727	--	--	--
	mean s.f.d.	222	238	259	480	679	236	134	96	92	124	239	303	--	1,073	74	259
1925	acre-feet	17,992	26,333	31,299	56,408	102,016	96,252	58,437	25,938	11,405	12,906	12,305	14,622	465,913	--	--	--
	mean s.f.d.	293	474	509	948	1,659	1,618	950	422	192	210	207	238	--	2,819	148	635
1926	acre-feet	12,022	15,667	24,739	66,079	98,598	49,530	18,575	9,522	7,029	8,358	28,493	28,094	366,706	--	--	--
	mean s.f.d.	196	282	402	1,110	1,604	832	302	155	118	136	479	457	--	6,511	74	507
1927	acre-feet	20,485	75,279	73,083	100,362	184,721	161,153	75,481	26,817	14,842	14,037	27,180	19,140	792,580	--	--	--
	mean s.f.d.	333	1,355	1,189	1,687	3,004	2,708	1,228	436	249	228	457	311	--	6,571	188	1,095
1928	acre-feet	18,452	17,818	32,668	37,757	76,885	60,344	18,716	9,189	6,583	8,732	11,974	13,710	312,828	--	--	--
	mean s.f.d.	300	310	531	635	1,250	1,014	304	149	111	142	201	223	--	2,058	101	431
1929	acre-feet	13,864	14,654	25,176	39,064	85,995	63,487	30,986	12,797	9,146	8,793	9,035	9,961	322,958	--	--	--
	mean s.f.d.	225	264	409	656	1,399	1,067	504	208	154	143	152	162	--	2,003	119	446
1930	acre-feet	12,234	20,099	34,550	53,506	67,851	82,824	28,401	11,819	7,743	9,314	11,042	10,590	349,973	--	--	--
	mean s.f.d.	199	362	562	899	1,103	1,392	462	192	130	151	186	172	--	2,423	118	483

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

YEAR	QUANTITY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL	MAX.	MIN.	MEAN
1931	acre-feet	12,284	13,785	15,784	23,440	41,867	24,262	8,493	6,302	6,860	6,817	8,241	17,510	185,645	--	--	--
	mean s.f.d.	200	248	257	394	681	408	138	102	115	111	138	285	--	2,261	71	256
1932	acre-feet	22,235	39,596	68,647	111,273	154,742	166,404	94,013	28,243	13,593	13,942	12,077	12,962	737,727	--	--	--
	mean s.f.d.	362	688	1,116	1,870	2,517	2,797	1,529	459	228	227	203	211	--	3,726	180	1,016
1933	acre-feet	17,175	21,021	36,244	57,265	60,026	125,395	56,898	18,692	10,062	10,893	10,776	16,639	441,086	--	--	--
	mean s.f.d.	279	379	589	962	976	2,107	925	304	169	177	181	271	--	3,769	144	609
1934	acre-feet	20,033	16,842	27,429	39,919	43,065	21,820	11,341	6,948	7,043	8,196	11,272	13,757	227,665	--	--	--
	mean s.f.d.	326	303	446	671	700	367	184	113	118	133	189	224	--	914	82	314
1935	acre-feet	14,840	18,500	24,841	71,042	103,787	133,634	42,184	17,193	11,363	11,962	11,905	12,877	474,128	--	--	--
	mean s.f.d.	241	333	404	1,194	1,688	2,246	686	280	191	195	200	209	--	3,378	164	655
1936	acre-feet	14,737	46,808	57,374	157,290	219,404	137,028	67,902	32,987	14,372	15,423	15,828	17,294	796,447	--	--	--
	mean s.f.d.	240	814	933	2,643	3,568	2,303	1,104	536	242	251	266	281	--	4,173	194	1,097
1937	acre-feet	21,745	139,109	111,443	183,505	352,050	225,395	91,097	32,186	17,780	17,173	16,379	52,320	1,260,182	--	--	--
	mean s.f.d.	354	2,505	1,812	3,084	5,726	3,788	1,482	523	299	279	275	851	--	20,000	223	1,741
1938	acre-feet	31,265	42,456	162,121	223,928	315,044	291,880	130,917	54,155	28,693	27,475	24,748	26,003	1,358,685	--	--	--
	mean s.f.d.	508	764	2,637	3,763	5,124	4,905	2,129	881	482	447	416	423	--	14,582	356	1,877
1939	acre-feet	28,558	33,273	54,119	92,136	92,253	58,400	25,480	18,774	13,712	16,826	13,692	13,850	461,073	--	--	--
	mean s.f.d.	464	599	880	1,548	1,500	981	414	305	230	274	230	225	--	2,028	178	637
1940	acre-feet	45,082	65,032	77,810	118,175	196,465	145,503	50,471	18,926	13,234	14,670	16,007	27,723	789,098	--	--	--
	mean s.f.d.	733	1,131	1,265	1,986	3,195	2,445	821	308	222	239	269	451	--	5,454	167	1,087
1941	acre-feet	39,540	73,589	109,735	124,615	386,666	309,960	174,416	62,537	27,997	26,325	27,661	38,035	1,401,076	--	--	--
	mean s.f.d.	643	1,325	1,785	2,094	6,289	5,209	2,837	1,017	471	428	465	619	--	8,523	337	1,935
1942	acre-feet	49,438	40,834	58,487	112,586	150,036	178,754	81,529	30,284	16,500	14,648	16,130	22,740	771,966	--	--	--
	mean s.f.d.	804	735	951	1,892	2,440	3,004	1,326	493	277	238	271	370	--	4,060	141	1,066
1943	acre-feet	92,551	56,820	261,344	198,736	254,785	155,650	88,011	34,435	17,857	17,849	18,565	24,224	1,220,827	--	--	--
	mean s.f.d.	1,505	1,023	4,250	3,340	4,144	2,616	1,431	560	300	290	312	394	--	21,701	252	1,686
1944	acre-feet	27,473	32,781	69,836	80,223	150,109	115,862	59,197	20,305	12,843	12,952	21,521	22,435	625,537	--	--	--
	mean s.f.d.	447	570	1,136	1,348	2,441	1,947	963	330	216	211	362	365	--	3,071	191	862
1945	acre-feet	20,783	70,522	63,925	131,246	205,509	169,002	91,593	41,632	21,548	41,268	36,845	44,182	938,055	--	--	--
	mean s.f.d.	338	1,270	1,040	2,206	3,342	2,840	1,490	677	362	671	619	719	--	9,370	155	1,296
1946	acre-feet	45,481	34,854	60,958	109,658	155,476	85,880	39,733	20,091	13,261	16,141	31,365	37,785	650,683	--	--	--
	mean s.f.d.	740	628	991	1,843	2,529	1,443	646	327	223	263	527	615	--	3,814	192	899
1947	acre-feet	31,146	28,167	36,319	60,353	110,325	57,778	21,116	12,313	9,140	12,607	13,492	13,942	406,698	--	--	--
	mean s.f.d.	507	507	591	1,014	1,794	971	343	200	154	205	227	227	--	2,584	135	562
1948	acre-feet	13,486	13,267	16,233	43,976	86,108	78,565	31,331	9,927	6,899	8,908	9,586	11,220	329,506	--	--	--
	mean s.f.d.	219	231	264	739	1,400	1,320	510	161	116	145	161	182	--	2,206	97	454
1949	acre-feet	11,982	12,992	21,136	50,517	84,508	57,685	17,201	8,682	6,541	7,704	11,131	12,791	302,870	--	--	--
	mean s.f.d.	195	234	344	849	1,374	969	280	141	110	125	187	208	--	2,128	69	418
1950	acre-feet	17,119	39,761	37,087	76,155	98,483	90,367	34,901	12,179	10,393	9,955	96,968	77,992	601,360	--	--	--
	mean s.f.d.	278	716	603	1,280	1,602	1,519	568	198	175	162	1,630	1,268	--	37,000	128	831

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

YEAR	QUANTITY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL	MAX.	MIN.	MEAN
1951	acre-feet	32,975	30,018	35,101	48,914	85,039	88,990	38,941	12,966	7,793	9,364	11,958	40,163	442,222	--	--	--
	mean s.f.d.	536	541	571	822	1,383	1,496	633	211	131	152	201	653	--	8,341	69	611
1952	acre-feet	60,367	53,673	84,726	222,633	434,769	302,557	159,856	68,200	30,670	23,417	24,871	35,260	1,500,999	--	--	--
	mean s.f.d.	982	933	1,378	3,741	7,071	5,085	2,600	1,109	515	381	418	573	--	8,530	254	2,073
1953	acre-feet	60,760	40,498	38,709	70,730	86,019	103,164	69,657	21,503	12,730	13,125	15,023	16,915	548,833	--	--	--
	mean s.f.d.	988	729	630	1,189	1,399	1,734	1,133	350	214	213	252	275	--	3,798	119	758
1954	acre-feet	22,019	30,361	44,575	101,203	139,719	73,553	39,642	19,198	12,571	12,351	15,328	17,837	528,357	--	--	--
	mean s.f.d.	358	547	725	1,701	2,272	1,236	645	312	211	201	258	290	--	2,948	150	729
1955	acre-feet	20,438	24,625	29,734	37,567	69,544	86,660	31,014	19,293	9,840	10,100	12,526	92,959	444,300	--	--	--
	mean s.f.d.	332	443	484	631	1,131	1,456	504	314	165	164	211	1,512	--	12,711	101	614
1956	acre-feet	82,943	49,993	62,767	97,553	159,683	168,876	99,529	41,141	21,370	23,397	17,042	16,568	840,862	--	--	--
	mean s.f.d.	1,349	869	1,021	1,639	2,597	2,838	1,619	669	359	381	286	269	--	5,167	207	1,158
1957	acre-feet	18,535	26,178	31,357	38,644	79,355	132,359	41,988	17,518	12,111	13,648	14,013	18,632	444,338	--	--	--
	mean s.f.d.	301	471	510	649	1,291	2,224	683	285	204	222	235	303	--	3,411	147	614
1958	acre-feet	22,088	39,453	68,140	168,105	316,974	230,866	115,724	56,190	27,515	20,815	19,835	19,025	1,104,730	--	--	--
	mean s.f.d.	359	710	1,108	2,825	5,155	3,880	1,882	914	462	339	333	309	--	6,592	236	1,526
1959	acre-feet	20,592	22,258	33,274	40,566	39,945	32,061	18,013	10,094	9,852	9,689	10,419	11,215	257,978	--	--	--
	mean s.f.d.	335	401	541	682	650	539	293	164	166	158	175	182	--	944	104	356
1960	acre-feet	13,363	30,682	31,908	46,272	58,336	47,181	16,683	9,638	8,678	10,187	14,183	12,926	300,037	--	--	--
	mean s.f.d.	217	533	519	778	949	793	271	157	146	166	238	210	--	1,690	99	413
1961	acre-feet	11,466	10,905	14,221	24,137	29,980	24,305	8,952	16,018	8,463	7,353	9,554	12,288	177,642	--	--	--
	mean s.f.d.	186	196	231	406	488	408	146	261	142	120	161	200	--	626	99	245
1962	acre-feet	13,507	53,411	37,660	147,463	135,884	157,253	74,874	25,416	13,849	14,051	12,407	11,929	697,704	--	--	--
	mean s.f.d.	220	962	612	2,478	2,210	2,643	1,218	413	233	229	209	194	--	3,604	144	964
1963	acre-feet	27,793	101,595	42,994	69,412	137,839	163,944	105,384	47,008	28,883	27,291	25,837	23,470	801,450	--	--	--
	mean s.f.d.	452	1,829	699	1,167	2,242	2,755	1,714	765	485	444	434	382	--	15,584	160	1,107
1964	acre-feet	19,943	17,119	25,146	42,946	61,521	54,658	23,803	14,097	9,025	9,150	14,939	46,919	339,266	--	--	--
	mean s.f.d.	324	298	409	722	1,001	919	387	229	152	149	251	763	--	4,693	120	467
1965	acre-feet	46,768	31,702	36,359	80,043	131,980	149,357	95,288	49,105	22,036	17,631	29,542	30,551	720,362	--	--	--
	mean s.f.d.	761	571	591	1,345	2,146	2,510	1,550	799	370	287	496	497	--	3,322	226	995
1966	acre-feet	29,272	22,439	39,108	68,779	82,336	45,431	23,347	18,141	9,608	10,822	15,501	313,811	678,595	--	--	--
	mean s.f.d.	476	404	636	1,156	1,339	763	380	295	161	176	261	5,104	--	80,029	112	937
1967	acre-feet	63,580	65,831	86,200	99,509	269,631	311,063	243,802	94,834	55,255	36,230	34,546	35,746	1,396,227	--	--	--
	mean s.f.d.	1,034	1,185	1,402	1,672	4,385	5,228	3,965	1,542	929	589	581	581	--	7,223	419	1,928
1968	acre-feet	34,052	40,354	48,803	65,584	87,991	64,054	30,690	20,600	11,466	13,599	16,982	19,585	453,760	--	--	--
	mean s.f.d.	554	702	794	1,102	1,431	1,076	499	335	193	221	285	319	--	1,923	155	625
1969	acre-feet	178,493	111,342	157,595	378,333	617,968	496,796	254,777	111,100	49,936	36,036	34,862	34,132	2,461,370	--	--	--
	mean s.f.d.	2,903	2,005	2,563	6,358	10,050	8,349	4,144	1,807	839	586	586	555	--	24,216	344	3,400
1970	acre-feet	66,480	41,419	59,917	63,513	110,057	95,700	50,138	24,224	14,392	13,301	21,519	28,814	589,474	--	--	--
	mean s.f.d.	1,081	746	974	1,067	1,790	1,608	815	394	242	216	362	469	--	6,298	171	814

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

YEAR	QUANTITY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL	MAX.	MIN.	MEAN
1971	acre-feet	34,143	30,960	41,913	52,661	66,635	82,707	42,472	19,841	11,371	11,540	14,102	19,109	427,454	--	--	--
	mean s.f.d.	555	557	682	885	1,084	1,390	691	323	191	188	237	311	--	1,895	125	590
1972	acre-feet	19,864	18,827	33,213	28,288	45,965	38,531	14,936	10,927	11,334	11,431	14,703	20,408	268,427	--	--	--
	mean s.f.d.	323	327	540	475	748	648	243	178	190	186	247	332	--	951	111	370
1973	acre-feet	33,628	36,395	52,778	110,892	288,652	230,390	93,834	41,028	23,030	18,895	22,342	27,788	979,652	--	--	--
	mean s.f.d.	547	655	858	1,864	4,694	3,872	1,526	667	387	307	375	452	--	5,886	220	1,353
1974	acre-feet	50,337	29,873	74,247	114,113	183,733	167,740	69,580	39,991	23,532	21,953	19,904	23,603	818,606	--	--	--
	mean s.f.d.	819	538	1,208	1,918	2,988	2,819	1,132	650	395	357	334	384	--	4,141	220	1,130
1975	acre-feet	21,521	26,725	42,815	46,602	147,001	140,660	51,917	22,625	17,133	16,209	15,049	16,310	564,567	--	--	--
	mean s.f.d.	350	481	696	783	2,391	2,364	844	368	288	264	253	265	--	3,783	164	780
1976	acre-feet	16,308	16,994	23,074	25,924	47,151	20,930	14,749	14,573	25,097	20,523	12,954	11,191	249,468	--	--	--
	mean s.f.d.	265	295	375	436	767	352	240	237	422	334	218	182	--	1,188	142	344
1977	acre-feet	13,456	13,704	14,765	23,391	25,630	35,655	10,973	10,979	7,815	8,146	8,456	24,028	196,998	--	--	--
	mean s.f.d.	219	247	240	393	417	599	178	179	131	132	142	391	--	2,049	57	272
1978	acre-feet	46,596	116,432	175,484	181,700	363,157	354,825	194,693	74,001	61,696	29,562	26,874	28,485	1,653,505	--	--	--
	mean s.f.d.	758	2,096	2,854	3,054	5,906	5,963	3,166	1,204	1,037	481	452	463	--	10,901	350	2,284
1979	acre-feet	34,062	41,825	72,299	102,079	164,935	106,112	46,733	27,243	19,583	19,781	18,779	19,230	672,661	--	--	--
	mean s.f.d.	554	753	1,176	1,715	2,682	1,783	760	443	329	322	316	313	--	3,540	229	929
1980	acre-feet	145,545	168,887	139,620	211,608	287,825	282,877	208,715	78,143	35,068	26,955	25,006	29,708	1,639,957	--	--	--
	mean s.f.d.	2,367	2,936	2,271	3,556	4,681	4,754	3,394	1,271	589	438	420	483	--	14,171	261	2,259
1981	acre-feet	28,709	34,762	45,608	69,320	91,914	65,817	25,630	17,389	13,222	14,781	18,922	23,189	449,263	--	--	--
	mean s.f.d.	467	626	742	1,165	1,495	1,106	417	283	222	240	318	377	--	2,211	157	621
1982	acre-feet	37,682	52,996	78,724	212,963	254,985	198,748	130,098	61,956	61,716	46,306	57,116	77,849	1,271,139	--	--	--
	mean s.f.d.	613	954	1,280	3,579	4,147	3,340	2,116	1,008	1,037	753	960	1,266	--	9,075	389	1,756
1983	acre-feet	87,905	138,514	265,543	206,473	478,625	571,846	288,866	154,935	68,503	53,300	71,599	103,019	2,489,128	--	--	--
	mean s.f.d.	1,430	2,494	4,319	3,470	7,784	9,610	4,698	2,520	1,151	867	1,203	1,675	--	14,038	602	3,438
1984	acre-feet	76,054	60,926	82,738	91,359	161,613	93,114	77,046	49,698	28,306	26,428	35,020	39,495	821,797	--	--	--
	mean s.f.d.	1,237	1,059	1,346	1,535	2,628	1,565	1,253	808	476	430	589	642	--	3,305	288	1,132
1985	acre-feet	40,423	40,610	53,371	136,241	146,799	99,858	41,395	23,956	17,024	16,495	22,314	33,945	672,431	--	--	--
	mean s.f.d.	657	731	868	2,290	2,387	1,678	673	390	286	268	375	552	--	3,353	208	929
1986	acre-feet	42,668	149,966	204,775	208,147	293,335	263,794	121,398	57,160	26,567	28,330	25,341	23,458	1,444,939	--	--	--
	mean s.f.d.	694	2,700	3,330	3,498	4,771	4,433	1,974	930	446	461	426	382	--	8,296	313	1,996
1987	acre-feet	25,595	29,504	41,566	55,236	75,108	56,146	24,918	14,735	10,683	11,484	14,745	16,215	375,935	--	--	--
	mean s.f.d.	416	531	676	928	1,222	944	405	240	180	187	248	264	--	1,817	145	519
1988	acre-feet	22,677	19,815	30,210	39,584	58,350	43,140	20,969	13,454	10,733	9,283	10,955	15,515	294,685	--	--	--
	mean s.f.d.	369	344	491	665	949	725	341	219	180	151	184	252	--	1,418	118	406
1989	acre-feet	15,947	23,528	67,430	91,380	71,849	49,823	21,378	13,010	10,213	10,824	10,707	10,949	397,038	--	--	--
	mean s.f.d.	259	424	1,097	1,536	1,169	837	348	212	172	176	180	178	--	2,068	123	548
1990	acre-feet	12,916	13,127	23,048	32,019	38,600	29,345	13,380	8,386	6,428	8,834	8,340	9,148	203,571	--	--	--
	mean s.f.d.	210	236	375	538	628	493	218	136	108	144	140	149	--	845	78	281

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

YEAR	QUANTITY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL	MAX.	MIN.	MEAN
1991	acre-feet	10,931	9,215	47,341	58,092	79,763	100,423	38,265	14,854	11,040	9,358	13,940	13,067	406,289	--	--	--
	mean s.f.d.	178	166	770	976	1,297	1,688	622	242	186	152	234	213	--	5,025	109	561
1992	acre-feet	14,069	22,314	26,410	55,448	74,394	32,987	16,324	11,942	7,896	9,414	11,054	14,577	296,829	--	--	--
	mean s.f.d.	229	388	430	932	1,210	554	265	194	133	153	186	237	--	1,584	104	409
1993	acre-feet	39,221	39,564	94,231	133,993	200,864	162,420	87,414	32,763	16,506	14,223	14,398	18,163	853,760	--	--	--
	mean s.f.d.	638	712	1,533	2,252	3,267	2,730	1,422	533	277	231	242	295	--	3,957	203	1,179
1994	acre-feet	18,936	23,946	38,592	46,489	67,224	56,223	21,068	11,939	8,981	14,771	12,780	15,507	336,456	--	--	--
	mean s.f.d.	308	431	628	781	1,093	945	343	194	151	240	215	252	--	1,686	121	465
1995	acre-feet	46,832	48,774	156,387	143,244	255,046	293,129	237,802	89,657	39,108	24,093	22,268	28,820	1,385,160	--	--	--
	mean s.f.d.	762	878	2,543	2,407	4,148	4,926	3,867	1,458	657	392	374	469	--	8,420	240	1,913
1996	acre-feet	40,304	98,549	108,042	147,959	225,987	154,883	70,502	32,255	16,651	15,788	40,903	86,438	1,038,261	--	--	--
	mean s.f.d.	655	1,713	1,757	2,487	3,675	2,603	1,147	525	280	257	687	1,406	--	9,024	222	1,430
1997	acre-feet	246,022	104,771	120,448	142,909	214,290	142,358	71,919	38,047	26,039	20,926	23,708	30,532	1,181,969	--	--	--
	mean s.f.d.	4,001	1,887	1,959	2,402	3,485	2,392	1,170	619	438	340	398	497	--	19,794	284	1,633
1998	acre-feet	45,927	136,340	151,329	189,663	308,440	371,835	267,435	94,510	50,959	35,008	33,302	33,219	1,717,967	--	--	--
	mean s.f.d.	747	2,455	2,461	3,187	5,016	6,249	4,349	1,537	856	569	560	540	--	8,477	436	2,373
1999	acre-feet	37,722	38,388	38,495	55,843	95,199	68,733	32,852	17,133	12,547	11,714	12,288	13,057	433,971	--	--	--
	mean s.f.d.	613	691	626	938	1,548	1,155	534	279	211	191	207	212	--	2,077	174	599
2000	acre-feet	19,140	35,096	50,176	67,388	129,406	81,396	28,306	16,610	10,937	12,912	12,764	12,688	476,819	--	--	--
	mean s.f.d.	311	610	816	1,133	2,105	1,368	460	270	184	210	215	206	--	2,910	145	657
2001	acre-feet	15,429	19,004	36,948	58,249	124,417	43,033	24,593	11,558	8,916	9,142	15,293	24,869	391,451	--	--	--
	mean s.f.d.	251	342	601	979	2,023	723	400	188	150	149	257	404	--	2,525	132	541
2002	acre-feet	27,533	21,072	31,603	58,838	69,991	63,775	22,703	10,439	7,720	8,939	73,894	28,189	424,696	--	--	--
	mean s.f.d.	448	379	514	989	1,138	1,072	369	170	130	145	1,242	458	--	10,627	115	587
2003	acre-feet	33,402	31,428	48,924	56,146	113,472	118,383	37,075	24,278	14,555	10,798	12,962	18,301	519,724	--	--	--
	mean s.f.d.	543	566	796	944	1,845	1,990	603	395	245	176	218	298	--	3,887	154	718
2004	acre-feet	23,359	25,131	70,461	64,197	78,343	56,378	23,084	12,349	9,322	13,031	14,507	17,143	407,305	--	--	--
	mean s.f.d.	380	437	1,146	1,079	1,274	947	375	201	157	212	244	279	--	1,863	132	561
2005	acre-feet	71,631	48,599	94,332	132,119	288,847	238,352	129,182	48,311	25,615	23,800	21,707	33,614	1,156,109	--	--	--
	mean s.f.d.	1,165	875	1,534	2,220	4,698	4,006	2,101	786	430	387	365	547	--	7,196	315	1,597
2006	acre-feet	55,466	36,668	65,938	147,043	309,409	232,520	106,756	38,834	21,072	19,989	17,542	20,604	1,071,841	--	--	--
	mean s.f.d.	902	660	1,072	2,471	5,032	3,908	1,736	632	354	325	295	335	--	6,537	250	1,481
2007	acre-feet	20,874	21,917	34,887	35,649	51,267	24,131	12,363	9,941	8,547	9,951	10,100	13,065	252,692	--	--	--
	mean s.f.d.	339	395	567	599	834	406	201	162	144	162	170	212	--	1,018	117	349
2008	acre-feet	22,580	36,754	56,727	80,991	123,177	89,078	38,095	15,558	10,145	11,022	16,933	16,937	517,997	--	--	--
	mean s.f.d.	367	639	923	1,361	2,003	1,497	620	253	171	179	285	275	--	3,779	151	714
2009	acre-feet	23,568	27,293	41,337	63,650	130,352	65,252	35,907	14,392	9,560	24,089	15,138	19,628	470,166	--	--	--
	mean s.f.d.	383	491	672	1,070	2,120	1,097	584	234	161	392	254	319	--	3,022	140	649
2010	acre-feet	25,486	36,627	57,056	95,484	163,601	226,437	94,875	29,341	15,467	17,849	19,212	129,540	910,975	--	--	--
	mean s.f.d.	414	660	928	1,553	2,661	3,805	1,543	477	260	290	323	2,107	--	15,010	187	1,258

HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT

YEAR	QUANTITY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL	MAX.	MIN.	MEAN
2011	acre-feet	71,506	54,664	111,636	231,304	261,005	274,675	175,874	69,592	33,257	36,389	29,445	25,547	1,374,894	--	--	--
	mean s.f.d.	1,163	984	1,816	3,887	4,245	4,616	2,860	1,132	559	592	495	415	--	6,020	359	1,899
2012	acre-feet	29,562	26,247	37,652	65,851	69,671	26,945	14,154	11,205	8,575	8,916	11,361	17,849	327,988	--	--	--
	mean s.f.d.	481	468	612	1,107	1,133	453	230	182	139	145	185	290	--	1,865	100	453
2013	acre-feet	19,329	17,740	23,290	32,212	39,509	19,494	11,700	8,317	6,686	7,995	9,328	10,618	206,218	--	--	--
	mean s.f.d.	314	317	379	541	643	328	190	135	109	130	152	173	--	950	78	285
2014	acre-feet	9,947	11,716	16,251	26,527	40,042	20,965	7,016	12,456	5,050	5,960	7,880	11,599	175,409	--	--	--
	mean s.f.d.	162	209	264	446	651	352	114	203	82	97	128	189	--	827	64	242
2015	acre-feet	11,014	14,214	14,190	13,662	17,153	13,813	13,037	5,028	3,513	7,575	10,308	15,233	138,740	--	--	--
	mean s.f.d.	179	254	231	230	279	232	212	82	57	123	168	248	--	1,274	39	192

KERN RIVER APRIL-JULY RUNOFF
FIRST POINT OF MEASUREMENT
1894 TO DATE

Acre-foot Quantities in Order of Magnitude

Year: 2015

YEAR	APR	MAY	JUN	JUL	TOTAL	% OF AVERAGE
2015	**13,662**	**17,153**	**13,813**	**13,037**	**57,665**	**13%**
1961	24,137	29,980	24,305	8,952	87,374	19%
1924	28,540	41,722	14,069	8,225	92,556	20%
2014	26,527	40,042	20,965	7,016	94,550	21%
1977	23,391	25,630	35,655	10,973	95,649	21%
1931	23,440	41,867	24,262	8,493	98,062	21%
2013	32,212	39,509	19,494	11,700	102,915	22%
1976	25,924	47,151	20,930	14,749	108,754	24%
1990	32,019	38,600	29,345	13,380	113,344	25%
1934	39,919	43,065	21,820	11,341	116,145	25%
2007	35,649	51,267	24,131	12,363	123,410	27%
1972	28,288	45,965	38,531	14,936	127,720	28%
1959	40,566	39,945	32,061	18,013	130,585	29%
1898	42,248	45,213	32,809	15,033	135,303	30%
1988	39,584	58,350	43,140	20,969	162,043	35%
1960	46,272	58,336	47,181	16,683	168,472	37%
2012	65,851	69,671	26,945	14,154	176,621	39%
1992	55,448	74,394	32,987	16,324	179,153	39%
1964	42,946	61,521	54,658	23,803	182,928	40%
1994	46,489	67,224	56,223	21,068	191,004	42%
1928	37,757	76,885	60,344	18,716	193,702	42%
1900	28,102	68,295	76,366	24,125	196,888	43%
1949	50,517	84,508	57,685	17,201	209,911	46%
1987	55,236	75,108	56,146	24,918	211,408	46%
1913	42,494	73,561	60,738	34,929	211,722	46%
1899	53,133	51,353	79,178	30,046	213,710	47%
2002	58,838	69,991	63,775	22,703	215,307	47%
1929	39,064	85,995	63,487	30,986	219,532	48%
1966	68,779	82,336	45,431	23,347	219,893	48%
2004	64,197	78,343	56,378	23,084	222,002	49%
1955	37,567	69,544	86,660	31,014	224,785	49%
1930	53,506	67,851	82,824	28,401	232,582	51%
1926	66,079	98,598	49,530	18,575	232,782	51%
1989	91,380	71,849	49,823	21,378	234,430	51%
1948	43,976	86,108	78,565	31,331	239,980	52%
1971	52,661	66,635	82,707	42,472	244,475	53%
1968	65,584	87,991	64,054	30,690	248,319	54%
1947	60,353	110,325	57,778	21,116	249,572	55%
2001	58,249	124,417	43,033	24,593	250,292	55%
1912	37,246	80,471	100,925	33,170	251,812	55%
1999	55,843	95,199	68,733	32,852	252,627	55%
1981	69,320	91,914	65,817	25,630	252,681	55%
1908	79,320	79,418	60,305	41,851	260,894	57%
1951	48,914	85,039	88,990	38,941	261,884	57%
1939	92,136	92,253	58,400	25,480	268,269	59%
1991	58,092	79,763	100,423	38,265	276,543	60%
1957	38,644	79,355	132,359	41,988	292,346	64%
2009	63,650	130,352	65,252	35,907	295,161	64%
1894	88,974	98,801	64,564	43,061	295,400	65%
1933	57,265	60,026	125,395	56,898	299,584	65%
1950	76,155	98,483	90,367	34,901	299,906	66%
2000	67,388	129,406	81,396	28,306	306,496	67%
1925	56,408	102,016	96,252	58,437	313,113	68%
1904	59,812	113,205	103,904	39,725	316,646	69%
1970	63,513	110,057	95,700	50,138	319,408	70%
1921	51,723	100,096	120,387	49,119	321,325	70%
2003	56,146	113,472	118,383	37,075	325,076	71%
1953	70,730	86,019	103,164	69,657	329,570	72%
2008	80,991	123,177	89,078	38,095	331,341	72%
1923	73,355	120,849	82,528	55,800	332,532	73%
1918	74,513	78,722	136,753	44,828	334,816	73%
1919	86,574	140,215	81,844	34,364	342,997	75%
1935	71,042	103,787	133,634	42,184	350,647	77%
1910	102,883	127,733	79,464	42,046	352,126	77%
1954	101,203	139,719	73,553	39,642	354,117	77%
1905	62,047	117,748	132,766	53,835	366,396	80%
1896	57,864	86,174	146,124	82,760	372,922	81%
1975	46,602	147,001	140,660	51,917	386,180	84%
1902	107,403	109,904	128,853	43,436	389,596	85%
1946	109,658	155,476	85,880	39,733	390,747	85%
1903	74,315	132,097	139,222	53,355	398,989	87%
1944	80,223	150,109	115,862	59,197	405,391	89%
1979	102,079	164,935	106,112	46,733	419,859	92%
1984	91,359	161,613	93,114	77,046	423,132	92%
1985	136,241	146,799	99,858	41,395	424,293	93%
1920	83,370	158,904	137,840	50,699	430,813	94%
1915	80,916	124,506	172,324	77,496	455,242	99%
1965	80,043	131,980	149,357	95,288	456,668	100%
1963	69,412	137,839	163,944	105,384	476,579	104%
1940	118,175	196,465	145,503	50,471	510,614	112%
1962	147,463	135,884	157,253	74,874	515,474	113%
1927	100,362	184,721	161,153	75,481	521,717	114%
1942	112,586	150,036	178,754	81,529	522,905	114%
1956	97,553	159,683	168,876	99,529	525,641	115%
1932	111,273	154,742	166,404	94,013	526,432	115%
1974	114,113	183,733	167,740	69,580	535,166	117%
1917	126,329	165,062	187,638	81,275	560,304	122%
1997	142,909	214,290	142,358	71,919	571,476	125%
2010	95,484	163,601	226,437	94,875	580,397	127%
1936	157,290	219,404	137,028	67,902	581,624	127%
1901	83,190	186,446	197,792	114,613	582,041	127%
1993	133,993	200,864	162,420	87,414	584,691	128%
1945	131,246	205,509	169,002	91,593	597,350	131%
1996	147,959	225,987	154,883	70,502	599,331	131%
1922	84,407	242,259	202,395	88,649	617,710	135%
1897	173,393	281,639	137,393	61,837	654,262	143%
1907	197,720	199,950	183,995	97,083	678,748	148%
1914	144,934	210,676	201,064	128,338	685,012	150%
1895	162,071	268,635	172,890	91,133	694,729	152%
1943	198,736	254,785	155,650	88,011	697,182	152%
1911	138,113	184,481	222,076	156,498	701,168	153%
1973	110,892	288,652	230,390	93,834	723,768	158%
2005	132,119	288,847	238,352	129,182	788,500	172%
2006	147,043	309,409	232,520	106,756	795,728	174%
1982	212,963	254,985	198,748	130,098	796,794	174%
1958	168,105	316,974	230,866	115,724	831,669	182%
1937	183,505	352,050	225,395	91,097	852,047	186%
1986	208,147	293,335	263,794	121,398	886,674	194%
1967	99,509	269,631	311,063	243,802	924,005	202%
1995	143,244	255,046	293,129	237,802	929,221	203%
2011	231,304	261,005	274,675	175,874	942,858	206%
1938	223,928	315,044	291,880	130,917	961,769	210%
1980	211,608	287,825	282,877	208,715	991,025	217%
1941	124,615	386,666	309,960	174,416	995,657	218%
1978	181,700	363,157	354,825	194,693	1,094,375	239%
1952	222,633	434,769	302,557	159,856	1,119,815	245%
1998	189,663	308,440	371,835	267,435	1,137,373	248%
1909	247,402	382,617	394,086	194,870	1,218,975	266%
1906	173,143	360,234	458,418	399,841	1,391,636	304%
1983	206,473	478,625	571,846	288,866	1,545,810	338%
1916	481,749	472,994	391,700	225,154	1,571,597	343%
1969	378,333	617,968	496,796	254,777	1,747,874	382%
MAXIMUM	481,749	617,968	571,846	399,841	1,747,874	
MINIMUM	13,662	17,153	13,813	7,016	57,665	
AVERAGE	97,552	153,591	135,916	70,653	457,712	

KERN RIVER AT FIRST POINT OF MEASUREMENT

HISTORICAL MONTHLY NATURAL FLOWS

YEAR: 2015

October 1893 to Date...

Quantities in acre-feet except where noted...

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
Mean Monthly Flow	36,919	42,448	64,228	97,552	153,591	135,916	70,653	30,500	17,886	17,212	19,814	21,566	708,285
Mean Monthly Flow (second foot days)	600	690	1,045	1,587	2,498	2,210	1,149	496	291	280	333	351	978
Maximum Monthly Flow	246,022	202,510	378,116	481,749	617,968	571,846	399,841	154,935	68,503	53,300	96,968	313,811	
Year of Occurrence	*1997*	*1916*	*1916*	*1916*	*1969*	*1983*	*1906*	*1983*	*1983*	*1983*	*1950*	*1966*	
Minimum Monthly Flow	9,947	9,215	14,190	13,662	17,153	13,813	7,016	5,028	3,513	5,960	7,880	9,148	
Year of Occurrence	*2014*	*1991*	*2015*	*2015*	*2015*	*2015*	*2014*	*2015*	*2015*	*2014*	*2014*	*1990*	
Number Months of Record	122	122	122	122	122	122	122	122	122	123	123	123	
Cumulative Monthly Flow	4,504,110	5,178,655	7,835,869	11,901,333	18,738,055	16,581,728	8,619,697	3,721,040	2,182,074	2,117,048	2,437,141	3,416,383	
Median Monthly Flow	23,564	31,206	47,054	74,618	119,107	106,074	46,062	21,195	13,420	14,160	15,784	19,265	531,509
Median Monthly Flow (second foot days)	396	524	791	1,254	2,002	1,783	774	356	226	230	265	313	734

MEAN APRIL - JULY RUNOFF TO DATE = 457,712 AcFt
MEDIAN APRIL - JULY RUNOFF TO DATE = 345,861 AcFt

MEAN MARCH - OCTOBER RUNOFF TO DATE = 587,538 AcFt
MEDIAN MARCH - OCTOBER RUNOFF TO DATE = 441,690 AcFt

Kern River Mean Natural Flow at First Point of Measurement

DISCHARGE IN CUBIC FEET PER SECOND (1893 to Date) Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	469	711	848	1,289	2,100	2,646	1,656	710	359	292	288	345
2	515	679	875	1,293	2,129	2,621	1,635	686	353	288	285	357
3	597	646	944	1,311	2,172	2,612	1,611	666	350	285	283	367
4	503	601	923	1,326	2,233	2,603	1,582	649	341	284	280	384
5	508	600	947	1,350	2,277	2,647	1,529	625	353	279	282	477
6	479	653	914	1,371	2,313	2,630	1,488	607	357	286	282	1,014
7	468	768	879	1,385	2,337	2,621	1,444	590	334	277	285	501
8	471	722	895	1,407	2,375	2,586	1,399	577	322	282	351	419
9	474	760	971	1,427	2,409	2,534	1,355	562	312	282	369	423
10	501	731	1,009	1,449	2,433	2,511	1,313	554	303	279	314	431
11	519	674	1,014	1,536	2,435	2,473	1,265	545	299	276	315	441
12	553	689	974	1,551	2,437	2,446	1,230	533	302	274	312	426
13	561	787	982	1,546	2,461	2,427	1,200	511	293	274	306	408
14	645	778	993	1,566	2,490	2,395	1,177	491	283	279	309	383
15	574	772	973	1,588	2,516	2,368	1,139	489	281	277	305	379
16	584	750	1,010	1,630	2,538	2,321	1,112	481	277	274	306	376
17	576	771	1,032	1,652	2,567	2,286	1,080	469	275	280	313	386
18	639	862	1,087	1,685	2,602	2,239	1,054	466	273	279	326	387
19	614	863	1,079	1,728	2,636	2,201	1,022	464	268	278	442	483
20	581	855	1,074	1,777	2,637	2,167	996	451	268	280	398	449
21	593	807	1,109	1,820	2,631	2,136	963	433	269	277	357	402
22	673	812	1,102	1,855	2,636	2,104	934	417	268	273	367	423
23	691	834	1,115	1,867	2,624	2,059	921	408	267	274	354	539
24	696	816	1,120	1,881	2,628	1,998	917	394	266	272	373	482
25	910	817	1,161	1,899	2,646	1,943	877	384	282	271	375	482
26	886	810	1,182	1,932	2,687	1,882	848	373	318	278	355	456
27	744	818	1,217	1,960	2,697	1,840	828	372	296	282	367	486
28	700	813	1,228	2,008	2,702	1,793	800	373	281	282	360	470
29	626	843	1,234	2,028	2,711	1,745	771	371	285	282	352	463
30	605	-	1,232	2,065	2,699	1,690	751	366	282	288	378	508
31	658	-	1,259	-	2,677	-	724	360	-	293	-	457
TOTAL	18,613	21,401	32,382	49,182	77,435	68,524	35,621	15,377	9,017	8,677	9,989	14,003
MAXIMUM DAY	910	863	1,259	2,065	2,711	2,647	1,656	710	359	293	442	1,014
MINIMUM DAY	468	600	848	1,289	2,100	1,690	724	360	266	271	280	345
MEAN	600	758	1,045	1,639	2,498	2,284	1,149	496	301	280	333	452
TOTAL AC. FT.	36,919	42,448	64,228	97,552	153,591	135,916	70,653	30,500	17,886	17,212	19,814	27,775

WHOLE YEAR:- TOTAL, 360,221 MAX., 2,711 MIN., 266 MEAN, 986 TOTAL AC.FT., 714,494

Kern River Median Natural Flow at First Point of Measurement

DISCHARGE IN CUBIC FEET PER SECOND (1893 to Date) Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	346	436	625	1,038	1,619	2,111	1,148	479	251	225	245	278
2	344	428	634	1,044	1,659	2,136	1,072	458	252	226	257	281
3	345	448	628	1,018	1,645	2,084	1,080	454	250	225	252	299
4	353	458	638	1,030	1,708	2,084	1,064	449	251	226	250	310
5	355	457	692	1,049	1,692	2,039	999	427	243	221	257	303
6	373	470	667	1,103	1,717	2,100	964	418	245	212	249	310
7	371	476	645	1,166	1,692	2,277	956	401	239	224	252	306
8	372	510	625	1,182	1,701	2,147	892	387	236	226	255	302
9	376	515	646	1,185	1,806	2,124	850	379	237	227	259	297
10	365	528	632	1,181	1,864	2,079	813	374	238	226	262	297
11	371	533	643	1,181	1,853	2,070	802	356	229	224	262	298
12	378	540	646	1,178	1,896	2,080	797	352	230	220	260	301
13	379	566	622	1,201	1,983	2,068	769	356	228	227	266	314
14	390	550	659	1,194	1,927	2,070	782	341	221	228	270	318
15	367	532	709	1,163	1,922	2,021	735	337	218	223	269	317
16	373	552	704	1,200	1,888	1,917	717	332	217	227	265	319
17	367	593	734	1,207	2,031	1,805	684	325	222	227	266	320
18	367	599	748	1,251	2,095	1,696	686	320	221	231	268	308
19	377	584	782	1,250	2,133	1,578	666	311	218	241	279	307
20	395	575	799	1,307	2,071	1,529	665	306	215	237	270	316
21	382	567	847	1,345	2,019	1,474	646	305	218	237	266	307
22	397	571	845	1,392	2,081	1,484	606	291	214	229	267	324
23	393	573	874	1,412	2,044	1,424	604	300	211	233	278	334
24	422	580	875	1,446	2,082	1,399	574	293	207	231	280	327
25	421	596	902	1,425	2,083	1,373	562	294	209	232	285	331
26	403	602	950	1,458	2,059	1,305	566	275	214	239	280	321
27	408	623	989	1,480	2,093	1,276	536	279	209	247	270	327
28	419	629	989	1,499	2,138	1,274	519	271	201	245	268	329
29	411	642	970	1,497	2,120	1,246	503	272	206	242	276	329
30	420	-	986	1,538	2,228	1,209	486	273	216	241	275	339
31	440	-	1,018	-	2,201	-	480	271	-	240	-	344
TOTAL	11,880	15,733	23,723	37,620	60,050	53,479	23,223	10,686	6,766	7,139	7,958	9,713
MAXIMUM DAY	440	642	1,018	1,538	2,228	2,277	1,148	479	252	247	285	344
MINIMUM DAY	344	428	622	1,018	1,619	1,209	480	271	201	212	245	278
MEAN	383	557	765	1,254	1,937	1,783	749	345	226	230	265	313
TOTAL AC. FT.	23,564	31,206	47,054	74,618	119,107	106,074	46,062	21,195	13,420	14,160	15,784	19,265

WHOLE YEAR:- TOTAL, 267,970 MAX., 2,277 MIN., 201 MEAN, 734 TOTAL AC.FT., 531,509

KERN RIVER REGULATED FLOW AT FIRST POINT OF MEASUREMENT (1954 to Date)

RECAPITULATION IN ACRE-FEET

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1954	22,019	30,361	44,575	79,089	80,539	81,189	61,059	39,830	22,114	14,450	17,500	17,595	510,320
1955	19,795	22,058	34,671	38,874	48,188	72,196	43,259	25,065	12,936	10,399	13,599	26,743	367,783
1956	41,377	40,326	62,779	49,291	94,887	115,428	124,007	99,489	52,098	42,294	16,990	16,534	755,500
1957	17,958	22,425	34,935	39,677	52,885	96,466	70,175	39,943	22,471	17,282	13,795	17,847	445,859
1958	19,137	28,175	42,125	78,472	131,421	181,305	187,890	143,722	61,519	49,825	25,095	18,825	967,511
1959	20,811	20,991	37,767	29,936	27,463	94,028	59,817	22,699	10,524	8,700	9,786	10,643	353,165
1960	12,516	17,405	24,044	25,041	47,986	81,481	38,991	26,386	13,154	10,483	13,803	12,798	324,088
1961	11,280	10,736	14,017	16,318	16,780	19,321	25,222	21,316	13,404	7,267	9,281	12,121	**177,063**
1962	13,121	27,435	44,838	95,445	87,187	112,437	113,318	40,778	26,164	22,623	12,448	12,054	607,848
1963	12,067	24,175	32,959	38,914	54,756	80,063	127,710	118,179	68,368	64,828	31,174	23,044	676,237
1964	20,356	21,152	28,532	27,485	28,451	76,268	71,078	31,323	10,989	8,852	14,259	22,879	361,624
1965	35,784	35,907	41,383	39,399	61,313	85,934	96,236	75,497	52,397	47,220	34,356	28,877	634,303
1966	29,978	22,752	50,933	44,634	37,289	67,486	68,338	51,110	19,535	14,739	15,265	82,447	504,506
1967	**146,180**	40,516	57,923	82,732	190,249	200,743	183,566	**240,154**	146,509	85,002	56,799	35,482	1,465,855
1968	33,088	36,284	44,904	45,035	52,156	88,046	82,937	56,584	13,656	13,886	16,365	14,085	497,026
1969	50,499	106,247	**237,265**	**378,817**	332,015	374,787	263,903	221,738	121,359	102,494	90,523	34,122	2,313,769
1970	42,299	32,206	52,489	60,101	53,698	86,904	94,112	88,421	35,667	21,285	18,228	15,844	601,254
1971	25,978	35,520	48,589	30,809	31,950	57,322	82,128	64,643	23,520	12,184	12,839	17,169	442,651
1972	19,527	22,094	32,130	29,760	32,410	44,965	47,996	31,579	11,560	10,286	12,460	16,524	311,291
1973	21,356	26,214	38,878	66,541	97,172	143,554	161,028	102,660	47,883	29,457	24,811	25,579	785,133
1974	35,447	45,969	49,248	47,151	57,477	96,807	120,476	109,093	69,648	54,365	37,085	23,137	745,903
1975	21,221	34,844	45,041	38,444	57,142	95,197	108,932	89,738	34,139	17,072	15,108	15,213	572,091
1976	14,690	19,008	31,789	23,609	28,901	52,300	54,190	30,742	21,828	19,440	12,946	11,341	320,784
1977	14,051	14,380	15,925	18,778	17,431	25,813	32,951	21,888	8,765	7,660	8,287	14,773	200,702
1978	26,132	50,285	49,222	149,450	266,073	236,549	198,587	146,660	73,234	93,098	70,927	30,458	1,390,675
1979	32,549	31,793	45,903	46,508	62,557	109,987	126,343	107,605	32,267	22,792	18,855	18,909	656,068
1980	55,976	81,590	157,503	185,089	167,415	194,134	238,716	200,338	106,516	82,893	61,644	28,838	1,560,652
1981	25,482	27,013	40,594	41,768	46,348	78,405	80,906	51,310	14,315	14,324	18,426	21,578	460,469
1982	30,363	43,374	49,110	57,060	86,469	155,508	166,492	156,341	88,411	104,122	**101,403**	82,435	1,121,088
1983	57,566	71,165	152,862	286,605	**370,706**	**419,760**	**387,505**	176,194	**153,814**	**117,233**	97,616	**90,549**	**2,381,575**
1984	84,280	96,998	68,614	49,793	67,327	89,409	110,785	96,734	43,180	41,726	37,420	47,770	834,036
1985	40,133	48,686	53,821	56,358	72,506	98,757	111,385	77,728	34,973	25,305	20,333	28,986	668,971
1986	31,277	39,039	95,946	172,221	205,204	233,197	193,767	141,114	67,569	82,792	45,227	24,208	1,331,561
1987	24,117	28,919	43,408	44,894	43,609	68,424	73,047	42,545	18,589	15,824	14,269	14,664	432,309
1988	20,793	26,906	35,036	33,769	31,815	50,995	60,458	28,346	13,529	9,025	10,318	14,483	335,473
1989	16,869	21,568	32,092	38,575	39,632	56,527	55,765	36,204	14,241	12,773	10,788	13,739	348,773
1990	12,926	16,124	25,071	24,422	25,454	30,030	31,129	21,519	6,885	8,979	8,037	8,925	219,501
1991	10,627	9,112	27,814	28,937	30,539	62,997	63,654	48,196	12,490	11,353	13,381	14,394	333,494
1992	13,593	20,711	25,451	25,777	33,548	38,600	40,967	31,928	10,195	7,789	10,383	13,880	272,822
1993	22,062	25,426	52,479	45,489	63,322	107,357	118,677	88,671	51,846	34,725	14,021	18,264	642,339
1994	19,622	28,720	41,819	41,256	35,411	69,470	75,175	53,484	16,072	13,745	12,060	15,527	422,361
1995	19,839	20,858	57,225	113,865	138,034	186,960	195,546	205,924	102,593	71,157	57,106	27,993	1,197,100
1996	28,994	34,576	47,226	59,046	148,419	153,050	147,913	113,232	64,770	43,593	45,201	82,016	968,036
1997	63,352	**142,831**	158,678	95,933	120,789	133,315	133,724	108,452	55,240	42,278	46,977	31,894	1,133,463
1998	45,636	93,987	97,468	132,317	239,423	284,408	239,607	200,713	114,224	89,980	93,054	31,739	1,662,556
1999	32,523	40,907	29,209	29,480	38,071	64,411	78,924	64,167	36,405	20,473	10,848	16,203	461,621
2000	19,946	23,320	33,834	46,580	49,204	81,023	83,659	59,577	26,533	20,340	12,260	16,260	472,536
2001	13,936	17,643	26,364	29,679	41,423	73,624	61,618	42,432	21,410	15,588	13,259	18,793	375,769
2002	25,339	19,898	26,465	28,300	34,740	54,714	58,163	36,317	16,197	13,635	20,165	23,694	357,627
2003	28,584	20,966	24,889	25,548	41,952	78,152	83,336	68,297	37,192	29,364	12,785	17,724	468,789
2004	19,772	17,917	34,389	49,551	49,068	71,088	61,801	48,508	27,646	15,009	14,041	16,589	425,379
2005	34,455	33,256	36,881	38,928	86,217	191,024	188,997	137,561	78,554	60,066	35,747	30,654	952,340
2006	55,783	32,313	24,899	49,966	273,669	258,061	157,823	86,747	45,725	22,006	20,484	18,660	1,046,136
2007	23,408	22,678	28,256	27,362	36,690	49,642	57,969	36,724	17,179	12,742	9,645	11,998	334,293
2008	13,854	19,952	34,365	39,580	58,926	83,715	80,059	68,881	28,848	18,787	15,935	9,857	472,759
2009	14,268	19,888	28,126	34,491	47,734	75,827	84,876	56,850	34,415	20,772	14,437	10,584	442,268
2010	12,012	14,686	30,864	50,750	117,758	144,075	125,470	105,922	53,233	28,571	17,448	51,515	752,305
2011	85,304	69,949	68,260	154,407	244,080	242,027	192,218	119,108	86,797	88,985	28,040	25,470	1,404,645
2012	25,173	27,493	33,156	33,807	51,211	67,845	61,641	31,345	14,174	10,564	11,989	17,011	385,409
2013	20,052	17,268	17,039	21,762	27,871	36,007	24,845	14,419	11,328	9,638	7,117	4,784	212,130
2014	10,920	8,951	16,036	19,712	24,124	25,505	19,898	15,610	7,018	9,577	7,820	11,185	176,356
2015	10,582	10,930	14,596	14,295	17,371	19,812	14,994	5,313	3,415	6,777	9,769	11,903	139,757
MAXIMUM	**146,180**	**142,831**	**237,265**	**378,817**	**370,706**	**419,760**	**387,505**	**240,154**	**153,814**	**117,233**	**101,403**	**90,549**	**2,381,575**
MINIMUM	**10,582**	**8,951**	**14,017**	**14,295**	**16,780**	**19,321**	**14,994**	**5,313**	**3,415**	**6,777**	**7,117**	**4,784**	**139,757**
AcFt TOTAL	**1,828,634**	**2,114,876**	**3,012,709**	**3,847,682**	**5,254,455**	**6,904,431**	**6,605,758**	**4,923,593**	**2,561,229**	**2,040,493**	**1,602,037**	**1,499,809**	**42,195,707**
AcFt AVERAGE	**29,494**	**34,111**	**48,592**	**62,059**	**84,749**	**111,362**	**106,544**	**79,413**	**41,310**	**32,911**	**25,839**	**24,190**	**680,574**
S.F.D. AVERAGE	**480**	**609**	**790**	**1,043**	**1,378**	**1,872**	**1,733**	**1,292**	**694**	**535**	**434**	**393**	**938**
% OF TOTAL	**4.33%**	**5.01%**	**7.14%**	**9.12%**	**12.45%**	**16.36%**	**15.66%**	**11.67%**	**6.07%**	**4.84%**	**3.80%**	**3.55%**	**100.00%**

Kern River Mean Regulated Flow at First Point of Measurement

DISCHARGE IN CUBIC FEET PER SECOND (1954 to Date) Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	443	517	734	879	1,235	1,576	1,870	1,493	868	624	439	404
2	448	526	725	900	1,255	1,623	1,832	1,473	847	629	431	383
3	437	542	730	902	1,263	1,675	1,821	1,478	828	615	435	373
4	440	543	738	903	1,303	1,721	1,793	1,472	820	603	438	378
5	447	539	737	919	1,311	1,747	1,822	1,478	796	596	437	388
6	448	548	736	921	1,309	1,765	1,845	1,480	775	612	440	449
7	452	550	745	939	1,303	1,799	1,848	1,463	756	590	435	392
8	448	551	744	969	1,325	1,819	1,861	1,448	741	577	436	382
9	443	628	741	994	1,336	1,843	1,860	1,461	722	575	441	374
10	439	613	760	1,013	1,339	1,858	1,839	1,461	709	562	441	368
11	439	586	783	1,025	1,332	1,870	1,813	1,455	700	547	450	365
12	446	584	762	1,032	1,348	1,887	1,805	1,431	688	521	447	373
13	451	594	771	1,031	1,352	1,902	1,783	1,399	680	522	449	371
14	454	612	766	1,040	1,352	1,923	1,787	1,368	682	522	435	368
15	459	606	782	1,052	1,341	1,929	1,788	1,357	675	514	432	374
16	481	598	788	1,052	1,348	1,947	1,770	1,345	670	507	436	370
17	484	599	798	1,054	1,343	1,986	1,735	1,320	664	496	440	373
18	494	608	789	1,060	1,357	1,998	1,699	1,322	650	504	433	397
19	499	621	788	1,080	1,369	1,998	1,683	1,292	640	509	433	424
20	495	653	801	1,082	1,404	1,969	1,658	1,254	636	512	435	409
21	494	651	818	1,087	1,419	1,977	1,684	1,222	634	515	438	394
22	484	663	825	1,095	1,432	1,989	1,674	1,182	636	511	432	389
23	487	689	833	1,108	1,448	1,971	1,667	1,159	639	507	421	396
24	517	686	840	1,126	1,456	1,983	1,643	1,141	636	505	410	394
25	536	675	843	1,134	1,461	1,962	1,624	1,113	629	504	422	393
26	553	680	846	1,151	1,453	1,926	1,620	1,073	629	500	429	393
27	543	688	853	1,170	1,457	1,878	1,611	1,042	625	494	428	406
28	526	699	854	1,171	1,469	1,861	1,589	1,010	620	488	431	417
29	518	149	843	1,182	1,498	1,887	1,577	979	625	488	426	430
30	530	-	858	1,217	1,535	1,876	1,569	954	607	482	427	431
31	535	-	868	-	1,573	-	1,532	914	-	461	-	436
TOTAL	14,870	17,198	24,499	31,288	42,726	56,145	53,702	40,039	20,827	16,592	13,027	12,194
MAXIMUM INSTANT.	553	699	868	1,217	1,573	1,998	1,870	1,493	868	629	450	449
MINIMUM INSTANT.	437	149	725	879	1,235	1,576	1,532	914	607	461	410	365
MEAN	480	609	790	1,043	1,378	1,872	1,732	1,292	694	535	434	393
TOTAL AC. FT.	29,494	34,111	48,592	62,059	84,746	111,362	106,516	79,416	41,310	32,910	25,839	24,186

WHOLE YEAR:- TOTAL, 343,107 MAX., 1,998 MIN., 149 MEAN, 938 TOTAL AC.FT., 680,541

MIDNIGHT STORAGE IN ACRE-FEET

Isabella Reservoir Daily Mean Storage (1954-2015)

Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	149,461	159,585	168,978	183,615	213,549	275,865	288,666	245,337	193,219	167,555	149,650	142,834
2	149,729	159,915	169,375	184,454	215,117	277,684	287,991	243,668	192,126	166,783	149,284	142,773
3	150,346	160,035	169,719	185,245	216,694	279,395	287,277	241,906	191,043	165,880	148,922	142,828
4	150,620	160,114	170,157	186,063	218,336	280,943	286,551	240,113	189,987	165,306	148,547	142,792
5	150,879	160,210	170,692	186,821	219,954	282,583	285,667	238,267	189,044	164,598	148,161	143,158
6	151,012	160,342	171,035	187,565	221,642	284,057	284,708	236,370	188,149	163,870	147,800	145,496
7	151,125	160,502	171,333	188,281	223,320	285,483	283,665	234,485	187,227	163,178	147,432	145,978
8	151,237	160,770	171,678	188,932	225,006	286,721	282,492	232,644	186,297	162,479	147,352	146,113
9	151,387	161,179	171,990	189,611	226,778	287,798	281,249	230,714	185,370	161,792	147,317	146,179
10	151,607	161,553	172,377	190,272	228,660	288,787	279,963	228,783	184,453	161,115	147,071	146,283
11	151,875	161,758	172,846	191,199	230,510	289,634	278,621	226,883	183,556	160,478	146,800	146,465
12	152,280	161,935	173,228	192,144	232,308	290,358	277,221	225,001	182,706	159,904	146,494	146,549
13	152,759	162,353	173,560	193,071	234,182	290,884	275,828	223,125	181,834	159,309	146,201	146,610
14	153,224	162,760	173,941	193,970	236,061	291,396	274,419	221,282	180,935	158,746	145,919	146,625
15	153,474	163,140	174,260	194,899	238,039	291,800	272,915	219,459	180,047	158,194	145,647	146,623
16	153,846	163,497	174,620	195,814	240,091	292,148	271,420	217,668	179,147	157,655	145,350	146,624
17	154,140	163,843	175,026	196,790	242,211	292,329	269,919	215,873	178,278	157,148	145,096	146,618
18	154,293	164,554	175,396	197,787	244,421	292,357	268,460	214,065	177,436	156,629	144,895	146,666
19	154,557	165,182	175,790	198,799	246,767	292,395	266,958	212,337	176,599	156,101	144,665	146,966
20	154,786	165,835	176,173	199,872	249,128	292,452	265,405	210,662	175,776	155,582	144,417	147,261
21	155,066	166,264	176,637	201,006	251,433	292,421	263,780	208,986	174,983	155,009	144,209	147,326
22	155,325	166,660	177,147	202,168	253,787	292,324	262,178	207,377	174,162	154,455	144,066	147,502
23	155,578	167,060	177,693	203,293	256,104	292,196	260,549	205,777	173,333	153,910	143,900	148,087
24	155,956	167,389	178,241	204,387	258,370	291,907	258,926	204,212	172,525	153,379	143,784	148,426
25	157,016	167,759	178,784	205,475	260,549	291,572	257,259	202,647	171,776	152,828	143,707	148,729
26	157,710	168,191	179,331	206,581	262,791	291,227	255,543	201,151	171,174	152,324	143,551	148,978
27	158,132	168,328	179,943	207,785	265,064	290,910	253,837	199,703	170,485	151,853	143,331	149,303
28	158,404	168,607	180,657	209,099	267,349	290,519	252,128	198,314	169,743	151,370	143,146	149,499
29	158,568	179,499	181,325	210,517	269,631	289,977	250,391	196,958	169,011	151,056	142,986	149,695
30	158,684	-	182,014	212,009	271,752	289,348	248,676	195,642	168,287	150,461	142,938	149,832
31	159,025	-	182,782	-	273,844	-	246,976	194,378	-	150,068	-	149,920
MAXIMUM DAY	159,025	179,499	182,782	212,009	273,844	292,452	288,666	245,337	193,219	167,555	149,650	149,920
MINIMUM DAY	149,461	159,585	168,978	183,615	213,549	275,865	246,976	194,378	168,287	150,068	142,938	142,773

HISTORICAL INFLOWS TO ISABELLA LAKE

Runoff in 1,000 acre-feet

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1955	11.8	14.4	16.0	18.1	22.7	28.1	35.1	67.9	83.4	29.1	18.9	10.3	355.8
1956	9.5	11.5	90.4	77.1	48.2	59.9	94.5	156.3	167.4	97.2	38.1	20.3	870.4
1957	17.6	15.7	15.1	16.4	25.3	30.3	38.5	78.1	131.8	41.0	16.4	12.5	438.7
1958	13.6	13.3	17.6	20.6	36.5	61.5	153.6	312.3	231.7	120.1	51.1	25.8	1057.7
1959	20.6	18.7	17.8	19.3	21.2	31.7	39.5	39.4	33.0	15.8	9.9	9.6	276.5
1960	9.6	9.7	10.3	12.2	27.9	30.2	44.5	58.0	45.5	15.1	7.9	8.4	279.3
1961	9.5	13.0	11.7	10.6	10.0	13.1	23.0	29.1	23.8	8.5	15.1	7.6	175.0
1962	7.1	8.8	11.0	12.4	47.1	32.4	140.5	130.8	154.7	72.1	23.7	13.1	653.7
1963	12.9	11.6	11.1	26.5	99.6	41.0	67.6	134.0	162.3	102.6	42.2	26.5	737.9
1964	24.5	23.8	21.5	18.2	16.6	22.7	39.6	60.0	52.3	22.0	13.3	8.6	323.1
1965	8.7	13.9	44.2	43.5	30.2	33.2	74.5	131.0	149.9	94.9	50.7	22.0	696.7
1966	15.6	28.4	28.3	27.0	21.4	37.8	66.7	81.5	45.4	21.9	16.1	9.6	399.7
1967	9.5	13.7	299.0	59.6	62.5	83.2	95.5	268.1	302.9	238.1	90.5	53.5	1576.1
1968	34.9	31.9	33.0	32.2	38.9	47.1	64.4	86.7	62.1	28.4	18.4	11.3	489.3
1969	12.6	15.3	17.1	159.4	93.4	133.9	337.4	597.5	485.6	236.0	93.8	44.3	2226.3
1970	33.3	32.4	30.9	61.8	39.0	56.9	62.1	109.8	92.7	49.2	22.7	13.4	604.2
1971	12.7	18.8	26.8	31.5	29.4	40.6	51.1	64.4	81.1	41.6	18.9	11.1	428.0
1972	11.4	13.4	17.2	18.2	17.6	32.3	27.3	45.4	37.7	14.6	10.7	11.2	257.0
1973	10.6	14.5	19.3	30.5	32.2	45.0	103.9	282.5	226.5	91.8	36.9	18.8	912.5
1974	16.8	20.4	25.1	45.6	28.1	68.8	108.1	182.2	166.7	68.6	37.6	20.4	788.4
1975	19.1	17.6	20.6	21.1	25.3	39.9	43.9	142.8	138.8	50.3	22.4	16.2	558.0
1976	15.1	14.7	15.6	14.6	15.3	21.8	24.2	47.0	18.9	13.9	13.7	23.1	237.9
1977	18.7	11.7	10.0	12.2	12.0	12.6	22.4	24.3	34.5	10.3	9.8	7.0	185.5
1978	7.9	8.1	21.8	42.0	90.0	163.4	170.2	352.2	351.9	188.1	73.1	58.9	1527.6
1979	28.1	24.3	27.2	32.2	38.7	66.9	99.4	164.0	105.5	47.0	26.9	19.1	679.3
1980	18.2	18.2	17.7	138.7	159.4	130.7	204.1	284.4	274.9	198.9	69.9	35.1	1550.2
1981	27.1	24.9	28.0	25.9	33.4	43.6	67.5	90.8	65.7	25.5	15.6	12.2	460.2
1982	14.0	18.5	21.4	33.9	49.5	71.4	202.9	253.0	194.9	124.6	58.1	60.6	1102.8
1983	45.1	55.2	73.7	81.0	121.2	227.6	182.2	465.9	567.1	285.8	152.5	61.0	2318.3
1984	46.9	65.9	93.6	69.1	55.0	77.3	88.0	159.4	90.7	72.4	45.6	26.9	890.8
1985	26.2	33.6	35.6	36.7	37.0	49.5	133.6	147.4	100.4	38.7	23.4	16.7	678.8
1986	15.1	20.0	30.4	38.9	143.6	196.2	198.6	283.9	250.4	107.4	46.1	24.3	1354.9
1987	25.5	22.4	21.3	22.5	27.3	37.7	54.5	72.6	54.5	23.4	13.6	10.0	385.3
1988	10.6	14.3	15.5	22.0	19.1	29.0	39.6	58.4	42.6	21.5	13.4	10.2	296.2
1989	8.9	9.9	14.6	15.4	22.6	64.0	90.2	69.8	48.4	22.1	12.3	10.2	388.4
1990	10.4	10.5	10.0	11.4	11.8	21.4	32.0	38.5	29.1	14.9	8.2	6.3	204.5
1991	8.3	7.6	7.8	9.6	8.5	44.2	55.2	78.9	100.7	37.9	14.1	11.1	383.9
1992	9.4	12.7	11.6	12.7	20.0	24.6	54.2	74.7	33.3	16.3	11.7	7.5	288.7
1993	9.6	11.5	13.4	36.1	35.8	90.1	131.9	202.9	163.9	88.0	34.6	16.1	833.9
1994	13.4	14.1	17.1	18.3	22.6	38.1	46.3	68.4	56.6	20.8	11.2	9.1	336.0
1995	14.6	12.2	14.1	41.9	45.9	146.4	137.6	245.0	281.9	227.7	78.3	37.7	1283.3
1996	21.7	20.4	25.7	36.7	87.8	99.7	143.7	218.1	150.6	67.9	29.9	16.0	918.2
1997	15.1	39.5	80.9	231.9	94.8	113.0	142.0	211.7	137.7	71.1	39.7	23.6	1201.0
1998	22.5	25.1	26.1	40.4	101.4	126.8	163.9	277.5	346.3	251.4	82.0	46.2	1509.6
1999	35.2	33.1	29.8	33.9	33.6	35.3	52.7	94.1	67.7	31.3	15.0	12.0	473.7
2000	10.6	12.2	12.4	17.5	32.0	46.5	66.9	130.1	81.9	27.8	14.7	10.9	463.5
2001	12.1	12.0	11.9	14.3	17.6	35.7	57.1	125.2	41.4	23.8	11.3	9.3	371.7
2002	9.6	14.8	23.6	25.2	19.9	30.3	58.3	71.1	63.9	21.6	9.7	8.0	356.0
2003	9.0	71.8	26.3	30.9	29.6	47.3	54.5	113.2	118.1	36.1	23.4	14.8	575.0
2004	10.3	12.4	17.3	22.2	23.7	68.9	64.1	79.9	56.6	22.9	12.9	8.8	400.0
2005	12.7	14.5	16.3	68.9	47.2	91.0	129.8	283.4	231.2	123.5	45.0	26.4	1089.9
2006	22.6	19.5	31.2	51.6	35.2	62.1	143.5	296.9	222.7	100.3	36.9	20.2	1042.7
2007	18.8	17.4	20.2	19.7	20.7	33.7	35.5	51.7	24.4	13.7	10.0	8.8	274.6
2008	10.1	9.9	13.0	22.3	34.6	56.9	80.7	122.9	89.3	37.6	15.2	10.3	502.8
2009	11.3	16.9	16.7	22.7	26.8	40.8	63.6	131.8	66.4	35.5	14.3	10.5	457.3
2010	24.6	15.3	18.5	24.3	34.9	55.7	93.8	161.5	226.1	93.4	29.6	17.5	795.2
2011	18.0	19.5	109.2	66.5	51.0	101.4	220.6	256.8	269.3	172.4	70.8	36.8	1392.3
2012	41.5	28.2	23.7	28.4	25.4	36.4	64.4	71.2	28.2	14.3	11.1	9.9	382.7
2013	9.1	11.4	18.1	19.1	16.9	24.4	33.9	39.4	20.2	12.2	8.7	6.9	220.3
2014	8.0	9.0	9.9	10.1	11.5	16.2	26.4	40.0	20.9	7.7	12.5	5.3	177.5
2015	6.0	7.9	11.6	11.0	14.2	14.2	13.7	17.1	13.8	13.0	5.0	3.5	131.0
MEAN	16.8	19.4	29.9	37.3	41.0	60.0	89.4	148.1	131.4	69.2	30.9	18.7	692.2

PRECIPITATION DATA -- ISABELLA DAM & RESERVOIR

OCTOBER 1949 TO DATE

(In Inches)

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1949-50	0.05	0.65	1.32	1.37	2.60	1.02	0.44	0.00	0.00	0.23	0.11	0.21	8.00
1950-51	0.08	3.16	0.98	1.12	0.18	0.11	0.93	0.03	0.00	0.00	0.00	0.00	6.59
1951-52	0.35	0.47	4.77	5.52	0.37	3.26	0.12	0.00	0.00	0.00	0.00	0.11	14.97
1952-53	0.00	1.98	3.09	2.39	0.04	0.67	1.20	0.20	0.00	0.00	0.09	0.00	9.66
1953-54	0.13	0.90	0.78	1.88	2.26	2.13	0.16	0.07	0.00	0.00	0.00	0.02	8.33
1954-55	0.00	0.80	1.30	2.47	1.05	0.00	0.67	0.78	0.00	0.00	0.00	0.00	7.07
1955-56	0.00	1.34	4.01	4.25	0.26	0.03	1.51	0.43	0.00	0.20	0.00	0.00	12.03
1956-57	0.42	0.00	0.17	1.88	0.96	0.84	0.72	1.03	0.01	0.02	0.00	0.00	6.05
1957-58	0.19	0.33	1.63	3.09	4.45	3.63	**2.77**	0.24	0.00	0.00	0.05	0.20	16.58
1958-59	0.17	0.49	0.02	0.64	1.54	0.08	0.45	0.07	0.00	0.00	0.00	0.34	3.80
1959-60	0.00	0.00	0.97	1.77	6.48	0.43	1.28	0.34	0.00	0.00	0.00	0.07	11.34
1960-61	0.12	1.26	0.12	0.50	0.01	1.59	0.51	0.16	0.11	0.02	**1.20**	0.00	5.60
1961-62	0.00	2.15	0.79	2.55	5.35	1.26	0.00	0.08	0.00	0.00	0.00	0.00	12.18
1962-63	0.03	0.00	0.00	1.52	3.06	2.06	1.07	0.13	0.72	0.00	1.16	1.16	10.91
1963-64	2.02	1.20	0.46	0.97	0.07	1.93	0.84	0.10	0.03	0.00	0.01	0.00	7.63
1964-65	0.47	1.82	3.99	1.75	0.27	1.21	2.58	0.18	0.13	0.39	0.50	0.20	13.49
1965-66	0.00	2.76	2.37	0.66	0.75	0.22	0.00	0.00	0.00	0.00	0.80	0.00	7.56
1966-67	0.00	1.09	11.53	2.49	0.02	0.63	2.75	0.18	0.24	0.30	0.23	1.63	21.09
1967-68	0.00	1.41	1.85	0.82	0.85	1.55	0.77	0.01	0.00	0.01	0.11	0.00	7.38
1968-69	0.35	1.28	1.65	**9.56**	6.12	1.14	0.95	0.35	0.34	0.27	0.00	0.10	22.11
1969-70	0.07	0.56	0.24	3.91	0.54	1.89	0.43	0.00	0.00	0.02	0.01	0.00	7.67
1970-71	0.04	3.47	2.20	0.54	0.37	0.45	0.66	0.89	0.00	0.06	0.54	0.00	9.22
1971-72	0.05	0.47	3.04	0.00	0.39	0.00	0.37	0.05	**0.80**	0.00	0.34	0.03	5.54
1972-73	0.66	3.13	2.48	3.96	2.57	2.65	0.25	0.25	0.00	0.00	0.00	0.00	15.95
1973-74	0.11	1.26	1.25	2.75	0.09	2.00	1.95	0.39	0.00	0.78	0.00	0.00	10.58
1974-75	**2.30**	0.10	1.96	0.65	1.82	2.77	0.49	0.04	0.00	0.00	0.03	1.85	12.01
1975-76	0.41	0.22	0.07	0.02	1.25	1.61	0.89	0.05	0.00	0.41	0.00	**5.20**	10.13
1976-77	0.23	0.07	0.32	1.50	1.04	0.75	0.00	0.91	0.39	0.00	0.87	0.00	6.08
1977-78	0.02	0.17	5.02	4.51	7.44	3.46	0.87	0.00	0.00	0.03	0.00	1.33	22.85
1978-79	0.02	0.39	1.11	3.24	3.22	2.54	0.00	0.19	0.00	0.03	0.14	0.93	11.81
1979-80	0.95	0.33	0.34	7.71	4.32	1.85	0.51	0.55	0.00	0.00	0.00	0.00	16.56
1980-81	0.09	0.01	0.63	2.65	1.49	3.05	0.23	0.34	0.00	0.00	0.00	0.04	8.53
1981-82	1.05	1.17	1.16	4.04	1.15	4.27	1.59	0.01	0.04	0.00	0.13	0.71	15.32
1982-83	0.78	3.14	3.78	4.31	4.36	5.96	0.58	0.09	0.00	0.00	1.14	0.20	**24.34**
1983-84	0.63	3.49	3.56	0.00	1.13	0.31	0.51	0.00	0.02	**2.01**	0.63	0.00	12.29
1984-85	0.62	2.90	1.93	0.68	1.16	1.71	0.03	0.00	0.00	0.00	0.00	0.15	9.18
1985-86	0.10	2.27	1.43	2.94	3.58	3.58	0.10	0.00	0.00	0.38	0.00	0.27	14.65
1986-87	0.24	0.54	0.27	2.65	2.03	1.88	0.10	0.42	0.48	0.00	0.00	0.04	8.65
1987-88	0.62	0.87	1.36	1.80	0.40	0.24	1.41	0.50	0.05	0.51	0.00	0.00	7.76
1988-89	0.00	1.75	3.15	0.29	2.24	2.28	0.09	0.04	0.00	0.00	0.00	0.62	10.46
1989-90	0.11	0.30	0.00	1.33	1.00	0.67	0.44	0.26	0.02	0.00	0.00	0.35	4.48
1990-91	0.01	0.61	0.74	0.99	1.17	**6.43**	0.03	0.09	0.00	0.00	0.01	0.19	10.27
1991-92	0.53	1.30	1.45	1.02	3.10	1.82	0.00	0.12	0.00	0.00	0.00	0.00	9.34
1992-93	0.94	0.00	2.80	4.09	4.15	0.79	0.00	0.00	0.64	0.00	0.00	0.00	13.41
1993-94	0.12	1.52	1.60	0.66	3.10	0.76	0.87	0.19	0.00	0.00	0.00	0.25	9.07
1994-95	0.31	1.45	0.71	7.26	1.35	3.83	0.38	0.55	0.40	0.00	0.51	0.00	16.75
1995-96	0.00	0.00	1.79	4.36	5.03	1.47	0.53	0.00	0.00	0.00	0.00	0.00	13.18
1996-97	0.66	2.38	4.29	3.90	0.13	0.00	0.00	0.00	0.00	0.08	0.00	1.02	12.46
1997-98	0.40	1.76	1.74	2.72	**10.60**	2.87	0.52	**1.74**	0.09	0.00	0.00	0.09	22.53
1998-99	0.12	1.03	0.60	3.82	0.51	0.57	1.65	0.98	0.00	0.04	0.00	0.39	9.71
1999-00	0.00	0.18	0.00	1.55	3.98	0.79	0.56	0.10	0.00	0.00	0.07	0.00	7.23
2000-01	0.51	0.14	0.23	2.28	3.16	0.15	1.86	0.00	0.00	0.42	0.00	0.00	8.75
2001-02	0.57	3.11	2.37	0.39	0.32	1.09	0.03	0.28	0.00	0.11	0.00	0.00	8.27
2002-03	0.00	**5.76**	2.65	0.01	1.70	1.24	0.73	0.56	0.00	0.29	0.78	0.56	14.28
2003-04	0.18	0.71	2.04	1.09	3.04	0.46	0.05	0.00	0.00	0.00	0.00	0.00	7.57
2004-05	1.98	0.39	2.76	6.03	0.99	2.01	0.72	0.68	0.00	0.00	0.85	0.51	16.92
2005-06	1.11	0.06	3.63	3.10	1.38	2.21	0.93	0.02	0.00	1.68	0.00	0.00	14.12
2006-07	0.19	0.06	2.32	0.57	1.84	0.68	0.20	0.00	0.00	0.00	0.00	0.42	6.28
2007-08	0.06	0.10	1.56	3.94	5.96	0.02	0.00	0.02	0.00	0.14	0.00	0.08	11.88
2008-09	0.08	2.26	2.92	0.44	2.25	1.25	0.11	0.83	0.07	0.00	0.00	0.00	10.21
2009-10	0.31	0.08	3.00	3.35	2.96	0.66	1.09	0.11	0.00	0.00	0.00	0.00	11.56
2010-11	0.78	1.66	**11.82**	0.76	1.23	1.91	0.09	0.58	0.00	0.51	0.00	0.34	19.68
2011-12	0.75	1.19	0.00	1.92	0.41	1.76	1.27	0.03	0.00	0.00	0.03	0.00	7.36
2012-13	0.11	0.23	1.86	0.59	0.19	0.36	0.41	0.25	0.00	0.12	0.57	0.00	4.69
2013-14	0.24	0.50	0.38	0.35	1.10	0.99	0.75	0.02	0.00	0.00	0.22	0.00	4.55
2014-15	0.20	0.07	3.35	1.22	1.59	0.16	0.47	0.59	0.26	0.32	0.00	0.03	8.26
AVERAGE	0.36	1.16	2.03	2.32	2.11	1.55	0.67	0.26	0.07	0.14	0.17	0.30	11.13
MAXIMUM	2.30	5.76	11.82	9.56	10.60	6.43	2.77	1.74	0.80	2.01	1.20	5.20	24.34
DAILY MAXIMUM	1.13	2.85	5.20	2.58	3.58	1.72	1.45	0.75	0.50	1.56	1.01	3.09	
DATE OF OCCURRENCE	10/19/04	11/20/50	12/05/66	01/09/05	02/03/08	03/04/91	04/02/74	05/26/99	06/08/72	07/20/06	08/08/63	09/30/76	

PAN EVAPORATION AT ISABELLA DAM & RESERVOIR

OCTOBER 1953 TO DATE

(In Inches)

WATER YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1953-54	5.98	3.42	1.92	1.77	1.93	3.19	6.93	10.60	11.82	14.48	11.94	9.21	83.19
1954-55	6.57	3.03	2.02	1.24	2.52	5.05	5.94	8.93	11.76	13.92	13.67	9.66	84.31
1955-56	6.67	3.24	1.58	1.52	2.60	5.30	5.70	8.87	11.91	12.37	11.84	9.57	81.17
1956-57	4.93	3.99	2.29	1.83	2.46	4.40	6.60	7.53	12.51	13.76	12.90	9.18	82.38
1957-58	4.74	3.27	2.14	2.08	1.93	2.73	5.97	9.46	10.68	12.56	11.87	8.64	76.07
1958-59	6.54	3.03	2.60	2.36	2.13	5.95	7.98	9.73	13.56	15.53	13.76	9.03	92.20
1959-60	6.57	4.05	2.67	1.49	2.10	5.08	6.39	8.46	13.11	13.14	12.99	9.54	85.59
1960-61	5.43	2.34	2.02	2.60	3.05	4.28	7.20	8.99	13.65	15.41	10.39	9.06	84.42
1961-62	6.42	3.18	1.80	2.28	1.65	3.47	7.29	8.49	12.03	13.33	12.56	9.30	81.80
1962-63	5.55	3.00	2.70	2.82	2.74	4.46	4.38	8.31	10.74	14.32	12.03	7.89	78.94
1963-64	4.59	2.40	2.08	2.26	3.11	4.37	6.51	8.93	11.88	13.95	12.68	9.30	82.06
1964-65	6.54	2.58	2.02	1.83	2.97	3.94	4.74	8.90	10.32	11.87	10.48	8.19	74.38
1965-66	6.26	2.25	1.40	2.11	2.41	4.84	7.86	11.10	12.75	14.07	14.04	9.51	88.60
1966-67	6.20	2.55	1.58	1.89	2.52	4.43	3.72	8.22	10.20	12.71	11.63	7.41	73.06
1967-68	6.32	2.94	1.49	1.83	2.35	3.72	6.54	10.23	12.60	12.77	11.04	9.09	80.92
1968-69	5.24	2.58	1.24	1.40	1.57	4.03	5.76	9.30	9.78	12.28	12.56	8.70	74.44
1969-70	5.43	3.27	1.83	1.95	2.97	4.56	6.09	10.85	11.85	13.49	13.36	10.23	85.88
1970-71	6.63	3.51	1.36	1.74	2.77	5.61	6.63	8.49	12.51	14.38	13.30	9.93	86.86
1971-72	6.32	3.39	1.46	2.33	3.47	6.94	7.89	11.28	12.03	16.09	12.93	9.33	93.46
1972-73	5.24	2.43	1.71	2.20	2.55	3.69	7.17	10.20	13.83	15.78	13.14	10.56	88.50
1973-74	6.79	3.69	1.89	1.83	3.42	4.28	7.02	12.06	14.82	15.13	14.32	11.82	97.07
1974-75	5.64	3.24	2.20	2.51	2.52	3.97	5.70	11.53	15.72	16.93	15.53	10.68	96.17
1975-76	6.39	3.87	2.45	3.69	3.61	6.11	8.04	13.86	15.68	15.93	13.27	8.88	101.78
1976-77	6.17	3.72	2.76	2.14	3.75	5.49	10.05	9.36	15.03	18.45	15.41	11.52	103.85
1977-78	7.56	4.47	2.70	1.77	2.55	4.34	6.15	12.21	15.36	16.34	14.82	8.76	97.03
1978-79	7.56	3.24	1.67	2.14	2.18	4.37	7.83	11.87	15.08	15.97	13.36	10.98	96.25
1979-80	6.14	3.42	2.39	2.05	2.63	4.22	7.23	8.46	12.39	14.23	14.14	9.78	87.08
1980-81	6.96	4.05	2.82	2.39	3.11	3.94	7.98	11.56	17.16	17.92	15.69	11.34	104.92
1981-82	5.55	3.66	2.36	2.08	3.06	3.66	6.84	11.19	12.15	15.28	13.36	8.28	87.47
1982-83	5.77	2.70	1.80	2.11	2.10	3.78	5.67	10.91	13.32	14.32	10.11	9.81	82.40
1983-84	5.30	2.43	1.86	2.82	3.22	5.83	7.71	13.61	14.22	13.14	12.06	10.20	92.40
1984-85	5.95	2.73	1.92	2.26	3.00	4.56	8.76	12.43	15.18	16.03	14.76	8.79	96.37
1985-86	6.42	3.09	1.74	2.51	2.60	4.56	8.31	12.28	14.82	15.56	15.25	9.60	96.74
1986-87	5.98	3.81	2.11	1.83	3.30	4.46	8.52	10.45	14.19	15.59	15.31	10.74	96.29
1987-88	6.85	3.18	1.77	2.29	3.67	6.94	7.56	10.45	12.38	15.25	12.74	9.84	92.92
1988-89	6.73	3.24	1.95	2.23	2.74	6.01	9.90	12.43	14.94	18.07	14.88	9.93	103.05
1989-90	6.54	4.38	2.98	2.60	2.97	5.80	8.73	12.25	15.36	17.48	14.85	10.95	104.89
1990-91	8.40	4.02	2.54	2.48	3.84	3.75	7.98	10.35	12.96	14.07	12.65	9.60	92.64
1991-92	7.44	5.61	4.71	4.25	4.37	5.86	9.45	11.56	12.36	14.14	14.20	10.53	104.48
1992-93	6.48	4.32	4.37	3.64	4.34	4.99	7.92	10.79	12.15	14.57	13.18	9.66	96.41
1993-94	6.12	3.83	1.98	2.33	2.51	5.44	7.35	9.99	14.93	15.80	14.96	9.75	94.99
1994-95	6.06	2.95	1.94	1.34	3.09	3.59	5.83	6.64	11.12	14.96	14.20	11.02	82.74
1995-96	7.75	4.31	2.43	2.65	1.96	5.20	9.14	12.78	14.88	15.78	14.03	10.50	101.41
1996-97	6.51	3.36	1.94	1.45	3.23	6.22	8.33	12.51	12.59	13.66	13.33	9.30	92.43
1997-98	6.64	2.61	2.07	1.51	0.91	3.91	5.44	6.21	10.42	13.95	13.83	8.59	76.09
1998-99	6.18	3.09	2.55	2.75	2.88	4.71	5.58	10.74	13.18	14.56	12.93	10.54	89.69
1999-00	7.87	4.21	3.37	2.14	1.83	4.71	8.03	11.79	14.13	15.27	14.59	10.46	98.40
2000-01	6.08	3.27	3.19	2.28	1.85	5.67	6.57	13.31	15.73	14.94	15.09	11.28	99.26
2001-02	7.59	3.34	1.58	1.78	3.62	5.06	7.81	11.42	14.99	15.65	14.73	11.28	98.85
2002-03	7.10	3.95	2.05	2.85	2.64	5.32	5.40	9.38	13.36	15.39	12.48	10.65	90.57
2003-04	7.36	3.02	2.53	2.20	1.74	5.96	8.86	12.15	14.44	16.22	14.21	11.30	99.99
2004-05	5.62	3.16	2.00	1.50	2.38	4.03	6.13	9.30	12.37	15.23	13.53	9.33	84.58
2005-06	6.15	4.33	1.75	2.62	2.78	2.33	4.93	9.77	11.93	14.10	12.23	10.17	83.09
2006-07	5.80	3.62	1.98	2.12	2.26	5.82	7.09	11.26	12.96	15.77	14.40	9.41	92.49
2007-08	7.99	5.30	2.61	2.78	3.13	5.23	7.21	8.49	12.69	13.77	13.67	10.63	93.50
2008-09	7.67	3.86	2.89	3.80	2.89	4.16	6.55	10.23	9.83	15.74	12.83	11.77	92.22
2009-10	6.96	5.06	2.27	2.14	2.57	4.72	5.39	8.23	11.01	11.82	10.84	8.73	79.74
2010-11	4.85	2.87	1.80	2.65	2.97	3.83	6.12	7.48	9.74	10.73	10.55	8.02	71.61
2011-12	5.29	3.06	2.50	2.66	3.46	4.90	6.21	9.79	11.12	11.49	10.53	8.27	79.28
2012-13	5.47	2.98	1.98	2.55	3.21	5.58	7.34	9.39	11.31	11.16	10.43	8.09	79.49
2013-14	5.96	3.81	2.68	3.15	3.20	5.35	7.20	9.74	12.05	11.58	10.65	8.21	83.58
2014-15	6.06	3.46	1.91	2.55	3.42	5.54	6.84	8.52	10.95	10.78	11.01	7.95	78.99
MEAN	6.32	3.43	2.21	2.27	2.76	4.75	7.00	10.25	12.91	14.50	13.13	9.68	89.21

ISABELLA RESERVOIR EVAPORATION

April 1954 to Date

Quantities in acre-feet

Year: 2015

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1954				181	1,662	2,554	2,599	1,563	833	436	192	109	10,129
1955	72	117	236	141	526	1,547	1,705	1,375	847	542	258	190	7,556
1956	407	788	1,444	1,797	3,330	5,496	6,084	5,484	4,183	2,056	1,650	897	33,616
1957	628	724	1,258	1,823	2,210	4,588	5,173	4,512	3,068	1,588	1,107	700	27,379
1958	593	494	734	2,043	4,470	6,462	7,720	6,843	4,729	3,521	1,603	1,307	40,519
1959	1,021	811	2,148	2,880	3,711	4,983	4,439	3,503	2,263	1,728	1,087	684	29,258
1960	323	466	1,099	1,505	2,287	3,372	2,720	2,128	1,379	783	341	280	16,683
1961	315	319	419	780	1,158	2,178	2,204	1,200	930	647	329	168	10,647
1962	188	182	446	1,105	2,307	4,128	4,840	4,084	2,880	1,684	916	770	23,530
1963	694	930	1,523	1,577	3,503	5,534	8,202	6,696	4,136	2,289	1,172	962	37,218
1964	916	1,105	1,418	2,162	3,221	4,584	4,842	3,915	2,836	2,057	849	635	28,540
1965	595	857	1,053	1,368	3,251	4,757	5,986	5,397	4,169	3,098	1,103	656	32,290
1966	843	833	1,555	2,624	4,159	5,117	5,246	4,576	2,821	1,819	767	928	31,288
1967	970	1,071	1,874	1,700	3,931	5,960	8,805	8,051	4,574	3,578	1,597	744	42,855
1968	801	930	1,380	2,511	4,243	5,574	5,258	4,048	3,239	1,954	991	476	31,405
1969	494	668	1,511	1,886	4,334	6,486	8,916	9,046	5,911	3,560	1,968	980	45,760
1970	885	1,289	1,935	2,593	4,954	6,051	6,959	6,376	4,597	3,010	1,623	619	40,891
1971	700	990	1,836	2,277	3,181	5,337	6,227	5,233	3,678	2,370	1,304	545	33,678
1972	729	1,000	1,807	2,045	3,096	3,512	4,154	2,703	1,816	1,059	524	355	22,800
1973	434	496	760	1,738	4,009	7,698	9,126	7,109	5,530	3,564	1,981	966	43,411
1974	825	1,347	1,622	3,023	6,119	9,055	9,630	8,904	7,073	3,308	1,864	1,166	53,936
1975	1,174	1,002	1,476	2,162	4,911	8,206	8,936	7,488	4,887	2,957	1,845	1,125	46,169
1976	1,468	1,291	1,952	2,537	4,552	5,226	4,560	3,261	2,108	1,609	984	702	30,250
1977	466	700	968	1,761	1,765	3,289	3,757	2,495	1,795	1,216	726	428	19,366
1978	343	621	1,597	2,698	5,891	9,253	10,969	9,945	6,020	5,115	2,049	996	55,497
1979	1,069	954	1,896	3,701	6,337	9,080	9,535	7,242	5,710	3,306	1,866	1,246	51,942
1980	1,047	1,375	2,229	3,715	4,943	8,289	10,374	10,171	6,637	4,544	2,446	1,565	57,335
1981	1,154	1,317	1,619	3,386	5,371	8,644	8,660	6,966	5,028	2,582	1,747	1,067	47,541
1982	827	1,093	1,333	3,172	6,563	8,180	10,967	9,418	5,732	4,086	1,769	1,053	54,193
1983	1,097	1,057	2,182	3,235	5,905	9,255	10,645	7,630	7,337	3,814	1,656	1,188	55,001
1984	1,624	1,547	2,545	3,594	7,055	8,327	7,914	7,142	6,085	3,642	1,642	1,103	52,220
1985	1,139	1,287	1,749	3,894	6,375	8,622	9,025	7,650	4,441	3,287	1,577	885	49,931
1986	1,119	1,150	2,323	4,740	7,436	10,088	10,933	10,276	6,361	3,866	2,329	1,206	61,827
1987	916	1,428	1,833	3,537	4,596	6,682	7,115	6,454	4,469	2,906	1,361	732	42,029
1988	823	1,178	1,962	2,132	3,148	4,141	4,667	3,318	2,493	1,777	865	500	27,004
1989	502	540	1,339	2,828	4,292	5,572	6,458	4,653	3,027	2,029	1,380	877	33,497
1990	667	649	1,148	1,755	2,705	3,713	3,993	2,872	2,035	1,609	797	480	22,423
1991	409	547	635	1,587	2,674	4,568	5,171	4,026	2,951	2,315	1,789	1,434	28,106
1992	1,137	1,016	1,295	2,218	3,459	4,132	4,542	4,024	2,910	1,862	1,285	1,238	29,118
1993	970	1,081	1,365	2,888	5,185	7,057	9,080	8,063	5,808	3,652	2,291	1,139	48,579
1994	1,170	1,063	2,212	2,945	4,253	6,827	6,833	5,585	3,431	2,221	1,099	704	38,343
1995	462	1,016	1,444	2,614	3,447	6,952	10,701	10,151	7,525	5,177	2,698	1,402	53,589
1996	1,341	914	2,646	5,072	7,928	9,967	10,681	9,076	6,587	4,019	2,053	1,139	61,423
1997	918	1,862	3,183	4,350	7,260	8,057	8,941	8,428	5,790	4,219	1,611	1,196	55,815
1998	768	415	1,817	2,807	3,586	6,714	10,102	10,163	6,050	4,296	1,981	1,472	50,171
1999	1,384	1,252	1,983	2,430	5,092	6,956	7,761	6,480	5,113	3,802	2,045	1,569	45,867
2000	849	649	1,686	2,971	5,060	6,944	7,315	6,327	4,320	2,499	1,363	1,252	41,235
2001	780	551	1,620	2,053	5,165	6,791	5,978	5,476	3,858	2,539	1,115	524	36,450
2002	541	928	1,261	2,146	3,634	5,581	5,597	4,647	3,338	2,081	1,488	813	32,055
2003	1,018	833	1,714	1,932	3,848	6,732	7,922	6,026	4,911	3,316	1,335	1,071	40,658
2004	827	575	2,027	3,283	4,852	6,083	6,526	5,062	3,658	1,791	1,029	633	36,346
2005	486	718	1,341	2,541	5,040	8,194	10,526	8,963	6,010	3,866	2,604	1,016	51,305
2006	1,327	1,210	1,031	2,507	5,429	6,944	8,164	6,851	5,617	3,281	2,075	1,089	45,525
2007	1,016	934	2,313	2,838	4,715	5,546	6,323	5,155	3,269	2,818	1,872	891	37,690
2008	863	877	1,551	2,408	3,394	5,818	6,305	5,530	3,935	2,785	1,404	1,021	35,891
2009	1,220	837	1,228	2,081	4,034	4,383	6,811	4,854	3,991	2,291	1,726	768	34,224
2010	674	764	1,507	1,914	3,400	5,578	6,534	5,585	4,090	2,194	1,309	853	34,402
2011	1,271	1,204	1,497	2,801	3,749	5,197	6,240	6,113	4,488	2,701	1,464	1,144	37,869
2012	1,055	1,200	1,630	2,156	3,886	4,340	4,026	3,132	2,378	1,619	898	579	26,899
2013	641	692	1,168	1,601	2,311	2,803	2,545	2,229	1,716	1,258	815	591	18,370
2014	635	547	885	1,202	1,866	2,553	2,291	2,019	1,571	1,190	674	367	15,800
2015	409	492	764	918	1,133	1,448	1,335	1,382	1,075	710	434	333	10,433
Average	820	898	1,541	2,438	4,168	5,986	6,803	5,795	4,085	2,640	1,419	876	37,470

ISABELLA RESERVOIR

HISTORICAL QUANTITIES OF MAXIMUM & MINIMUM STORAGE WITH DATE OF OCCURRENCE & CARRYOVER STORAGE

Units in Acre-Feet

Year	Maximum Annual Storage	Date of Occurrence	Minimum Annual Storage	Date of Occurrence	December 31 Carryover Storage
1954	85,380	June 9, 1954	0	April 16, 1954	8,670
1955	78,567	December 31	4,330	April 21	78,567
1956	283,033	June 30	79,823	January 1	130,313
1957	183,979	June 20	101,074	December 14	101,413
1958	455,162	June 28	100,947	January 23	198,112
1959	207,674	May 21	71,344	December 19	71,608
1960	119,253	May 19	29,119	December 31	29,119
1961	53,096	June 17	17,410	November 19	17,524
1962	173,675	June 29	17,448	January 11	82,849
1963	369,990	June 28	82,190	January 28	170,043
1964	203,628	June 7	94,497	December 18	118,303
1965	288,937	July 9	117,117	March 23	171,193
1966	337,369	December 21	81,941	November 27	313,258
1967	538,698	July 20	199,282	December 14	199,937
1968	261,193	June 6	119,349	December 7	124,480
1969	578,116	July 14	124,283	January 12	225,535
1970	327,771	June 10	156,517	November 24	172,038
1971	240,996	June 22	120,161	November 25	122,040
1972	126,754	June 11	50,030	October 16	55,589
1973	399,448	June 29	55,449	January 7	205,948
1974	475,881	June 23	201,710	March 1	223,930
1975	348,695	June 17	169,893	December 17	170,190
1976	171,617	January 26	67,668	December 29	67,701
1977	82,347	June 16	34,504	December 16	43,820
1978	491,451	July 16	44,060	January 1	244,904
1979	442,035	June 11	208,632	December 30	208,768
1980	585,381	July 3	208,224	January 7	229,813
1981	312,456	June 7	166,907	December 27	168,210
1982	560,083	June 29	168,984	January 1	261,558
1983	630,825	July 6	260,010	January 9	311,944
1984	407,745	June 7	244,755	December 15	244,979
1985	388,621	June 13	189,823	November 23	195,516
1986	562,134	June 16	195,579	January 1	244,085
1987	276,266	June 7	142,661	December 1	143,410
1988	158,189	June 6	72,638	December 9	73,545
1989	184,801	June 1	71,111	February 18	85,978
1990	97,420	June 12	45,895	December 18	46,014
1991	175,558	June 19	45,300	February 27	89,654
1992	153,942	June 5	82,080	December 28	82,262
1993	416,982	June 29	82,189	January 1	242,525
1994	262,332	June 6	115,492	December 24	115,585
1995	551,921	July 19	115,492	January 3	246,474
1996	546,849	June 11	244,979	December 4	252,811
1997	491,994	June 6	242,450	December 30	242,525
1998	562,474	July 24	242,005	January 31	244,904
1999	334,267	June 8	169,341	December 31	169,341
2000	293,234	June 8	129,469	December 29	129,519
2001	244,904	June 3	98,787	November 22	105,906
2002	184,173	June 15	82,043	November 6	138,222
2003	312,710	June 19	138,326	January 1	148,505
2004	227,948	May 30	92,762	December 26	94,083
2005	538,557	June 17	94,043	January 6	246,549
2006	423,529	May 22	225,807	December 8	226,732
2007	243,340	May 24	104,818	December 6	107,442
2008	258,392	June 15	107,442	January 1	116,888
2009	250,461	June 3	96,149	October 13	110,560
2010	332,148	July 3	155,462	November 19	234,733
2011	366,327	July 8	167,025	November 5	167,203
2012	220,506	May 22	82,556	December 18	83,883
2013	106,959	May 22	52,909	November 2	59,601
2014	80,882	June 10	44,804	December 1	44,851
2015	47,789	February 23	30,158	October 2	33,401

ISABELLA, CALIFORNIA
AVERAGE MONTHLY TEMPERATURES (°F)
1956 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
1956	46.6	43.7	52.5	55.6	65.0	74.0	79.8	76.2	74.7	59.1	53.7	46.8	60.6
1957	40.6	52.5	52.0	58.1	62.8	77.3	81.9	78.4	73.5	59.3	49.8	46.9	61.1
1958	46.3	49.3	47.6	56.1	68.7	72.2	79.7	82.8	74.9	67.3	52.1	50.8	62.3
1959	47.6	46.1	56.5	64.1	62.8	77.2	86.4	79.9	70.7	65.4	55.6	47.3	63.3
1960	41.7	45.8	55.6	57.2	63.6	79.8	83.0	80.0	76.0	61.6	50.9	45.3	61.7
1961	48.0	50.0	50.7	59.5	62.0	79.4	84.5	81.3	71.2	62.3	49.6	44.7	61.9
1962	44.7	46.4	48.0	61.3	60.9	73.4	79.6	79.0	74.4	63.2	53.0	47.8	61.0
1963	44.0	52.7	48.6	50.2	63.5	68.2	76.7	76.1	74.3	62.7	51.0	46.1	59.5
1964	43.3	44.8	47.2	53.6	60.6	70.5	79.4	78.8	70.1	66.8	48.6	47.2	59.2
1965	46.1	47.9	49.6	54.1	60.7	67.1	77.3	76.8	66.5	64.4	51.8	43.6	58.8
1966	41.9	43.8	52.4	60.7	68.0	73.3	77.8	79.5	72.4	62.2	51.2	44.4	60.6
1967	44.4	47.9	50.9	45.4	62.6	69.2	80.9	82.1	72.3	63.9	56.4	39.7	59.6
1968	42.8	52.2	53.0	55.7	63.6	74.4	80.6	74.8	71.9	61.0	50.8	40.7	60.1
1969	44.0	42.4	48.1	54.3	65.9	69.6	78.9	79.4	73.1	57.6	53.3	45.0	59.3
1970	45.6	50.4	49.9	51.0	65.8	72.7	81.6	80.1	69.6	60.1	52.4	41.3	60.0
1971	43.4	44.8	50.6	52.5	58.3	70.7	79.7	79.7	70.9	56.4	48.6	38.8	57.9
1972	42.0	49.1	56.1	56.1	65.6	73.5	80.5	76.1	68.2	56.8	45.7	39.6	59.1
1973	40.3	45.7	42.8	53.0	64.9	73.1	76.9	74.8	68.5	59.1	46.9	44.9	57.6
1974	41.3	44.6	49.4	51.2	62.2	72.5	76.6	76.2	74.2	61.4	50.0	41.0	58.4
1975	43.1	43.6	45.7	45.7	60.7	71.2	75.9	73.6	72.4	57.6	48.7	45.1	56.9
1976	44.2	45.7	47.4	50.6	65.7	71.2	77.5	70.5	68.3	60.3	53.6	44.5	58.3
1977	42.8	48.4	43.8	57.5	55.4	74.0	77.6	77.2	70.0	62.3	51.1	47.3	59.0
1978	44.3	46.1	53.1	50.9	60.4	71.7	76.7	76.8	67.6	65.3	47.2	39.7	58.3
1979	40.7	41.7	48.5	60.6	63.2	71.4	75.9	72.6	74.0	61.8	50.0	48.4	59.1
1980	47.5	49.1	46.5	54.8	57.7	66.8	77.8	75.3	69.2	63.2	52.4	49.0	59.1
1981	48.3	49.5	47.7	57.0	63.6	76.0	79.1	79.7	73.2	56.9	52.9	47.1	60.9
1982	41.8	47.8	47.4	52.5	63.6	68.6	75.6	77.1	68.5	59.2	48.6	43.2	57.8
1983	45.2	47.2	48.5	49.9	61.4	69.2	73.0	75.7	74.0	61.3	50.2	46.1	58.5
1984	47.0	46.6	51.4	52.6	67.3	70.6	80.9	78.2	74.6	55.7	48.3	41.9	59.6
1985	43.2	45.7	46.5	59.3	62.9	75.1	79.9	75.3	65.1	59.0	47.0	44.5	58.6
1986	49.7	49.0	53.5	54.9	63.5	73.7	75.7	78.6	64.1	58.2	51.0	43.0	59.6
1987	38.9	45.9	47.5	59.0	63.2	73.8	72.6	76.5	69.6	64.4	48.6	38.8	58.2
1988	42.3	48.5	50.8	55.1	59.6	70.3	80.2	77.9	72.5	66.1	50.3	43.1	59.7
1989	41.8	43.4	52.7	61.7	63.0	72.1	78.4	74.3	68.4	58.6	51.8	44.2	59.2
1990	42.5	42.6	50.7	57.9	61.7	71.9	80.1	74.9	69.6	62.7	49.4	37.4	58.5
1991	42.7	50.8	43.6	51.2	56.7	71.0	82.1	77.8	77.2	67.6	53.4	45.2	59.9
1992	43.4	49.2	52.4	62.5	71.7	73.3	79.1	81.3	74.5	64.8	51.3	42.0	62.1
1993	42.5	45.5	54.9	56.8	65.3	70.5	76.7	77.0	72.5	62.7	50.9	43.2	59.9
1994	46.5	45.6	54.7	58.1	66.8	79.6	86.8	85.5	76.7	64.8	48.0	46.1	63.3
1995	45.2	56.1	53.8	56.2	61.4	71.4	81.0	81.7	76.9	68.5	60.8	48.5	63.5
1996	47.1	48.8	52.7	58.8	64.7	74.1	82.3	82.0	73.4	61.2	52.7	48.1	62.2
1997	46.4	48.1	57.1	58.3	71.2	72.4	78.8	80.0	74.6	61.4	52.6	44.2	62.1
1998	46.7	44.3	52.7	53.2	56.1	67.8	80.5	82.5	71.2	59.3	50.8	43.9	59.1
1999	47.9	48.1	49.1	52.2	63.8	72.3	78.9	77.5	75.9	68.0	56.4	47.8	61.5
2000	47.4	49.0	51.9	58.2	67.4	77.1	79.0	80.4	73.3	61.7	48.6	49.5	62.0
2001	44.4	44.1	54.8	53.5	73.0	76.9	79.7	81.6	76.0	67.4	54.1	43.5	62.4
2002	43.2	50.4	51.0	57.7	65.4	76.3	83.6	79.4	74.7	62.0	55.8	45.8	62.1
2003	52.0	47.8	53.5	55.5	66.6	76.0	83.8	80.4	77.7	68.9	49.2	46.5	63.2
2004	44.9	45.3	59.1	60.1	66.7	75.7	81.9	80.6	72.8	60.0	49.8	46.7	62.0
2005	46.4	48.8	53.5	54.9	64.5	70.6	84.8	81.4	70.4	62.7	56.4	49.1	62.0
2006	46.9	49.9	45.8	55.0	68.3	77.4	84.5	79.2	75.0	62.1	54.5	46.0	62.1
2007	43.0	48.7	56.6	58.4	68.5	76.6	82.8	82.3	72.3	62.5	57.2	44.2	62.8
2008	44.1	47.9	53.0	57.9	65.5	78.9	83.6	83.3	76.6	64.8	55.6	44.9	63.0
2009	49.1	46.9	51.4	56.9	72.0	72.5	85.0	80.4	78.0	60.8	54.6	44.1	62.6
2010	47.4	48.3	51.6	53.5	60.2	74.7	83.6	79.9	75.4	63.9	51.5	47.9	61.5
2011	46.9	46.2	51.6	56.0	61.2	72.2	80.9	81.5	78.3	66.1	51.2	45.7	61.5
2012	48.9	48.9	53.3	58.9	68.7	75.0	82.6	85.4	79.4	65.6	56.2	46.0	64.1
2013	42.7	47.5	57.5	63.8	68.1	79.8	85.7	80.9	74.7	61.9	55.4	46.2	63.7
2014	51.4	52.3	56.7	61.0	68.5	78.4	84.8	81.2	77.5	67.8	55.7	47.6	65.2
2015	50.7	54.9	59.3	58.6	65.1	80.0	81.0	82.9	77.2	66.4	48.7	43.0	64.0
Normal	44.9	47.6	51.2	55.9	64.1	73.4	80.2	78.9	72.8	62.4	51.7	44.8	60.7
Maximum	52.0	56.1	59.3	64.1	73.0	80.0	86.8	85.5	79.4	68.9	60.8	50.8	65.2
Minimum	38.9	41.7	42.8	45.4	55.4	66.8	72.6	70.5	64.1	55.7	45.7	37.4	56.9

KERN RIVER OPERATIONS 2015

KERN RIVER IN REVIEW

2015

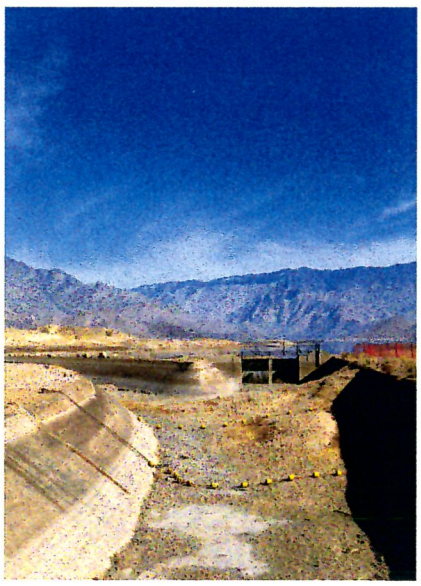
Introduction

The 2014-2015 water year started in October with Isabella storage at 50,225 acre-feet. No significant snowfall occurred until the first part of December and ended the month with a 3.0 inch average of snow water content. The forecast from the State of California, Department of Water Resources, Snow Surveys Section, issued on February 1st was 33% for the April-July runoff period. By March 1st the forecast was downgraded to 23% on the A-J. The April 1st forecast was downgraded again to 14% of runoff. May 1st the downgrade was to 10%. The basin yield for April-July came in at 13% of normal. September 30, 2015 Isabella storage ended at 30,211 acre-feet.



Precipitation

Monthly precipitation amounts in inches as recorded at selected Kern County stations during the 2014-2015 Water Year were as follows:



	Bakersfield Meadows Field (Elev. 494 ft.)			Isabella Dam (Elev. 2660 ft.)			Glennville (Elev. 3140 ft.)		
	14-15	Ave.	% of Ave.	14-15	Ave.	% of Ave.	14-15	Ave.	% of Ave.
Oct	0.64	0.30	213%	0.20	0.36	56%	0.00	0.75	0%
Nov	0.01	0.64	2%	0.07	1.19	6%	0.42	1.85	23%
Dec	2.02	1.02	198%	3.35	1.87	179%	3.55	2.96	120%
Jan	0.69	1.16	59%	1.22	2.45	50%	0.45	3.32	14%
Feb	0.90	1.24	73%	1.59	2.20	59%	2.16	2.99	72%
Mar	0.27	1.21	22%	0.16	1.61	10%	0.29	3.05	10%
Apr	0.08	0.52	15%	0.47	0.68	69%	0.77	2.06	37%
May	0.68	0.18	378%	0.59	0.25	236%	0.48	0.75	64%
Jun	0.00	0.08	0%	0.26	0.08	325%	0.03	0.18	17%
Jul	0.04	0.02	200%	0.32	0.14	229%	0.30	0.04	750%
Aug	0.00	0.04	0%	0.00	0.17	0%	0.00	0.10	0%
Sep	0.00	0.15	0%	0.03	0.33	9%	0.00	0.37	0%
TOTAL	**5.33**	**6.49**	**82%**	**8.26**	**11.33**	**73%**	**8.45**	**18.42**	**46%**

Temperature

Isabella, California, 2015 mean air temperatures (°F) with comparative averages were as follows:

	2015 Actual	Normal	Variance from Norm		2015 Actual	Normal	Variance from Norm
Jan	50.7	44.8	+5.9	Jul	81.0	80.2	+0.8
Feb	54.9	47.4	+7.5	Aug	82.9	78.8	+4.1
Mar	59.3	51.1	+5.6	Sep	77.2	72.8	+4.4
Apr	58.6	55.9	+2.7	Oct	66.4	62.4	+4.0
May	65.1	64.1	+1.0	Nov	48.7	51.8	-3.1
Jun	80.0	73.3	+6.7	Dec	43.0	44.9	-1.9

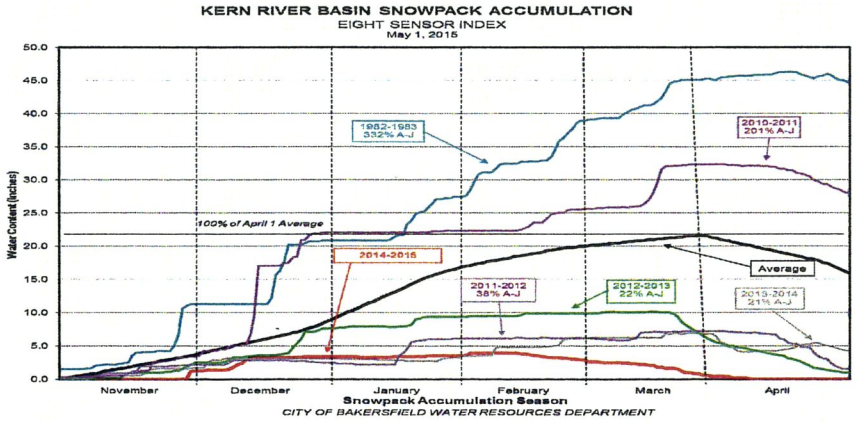
The mean annual temperature as recorded at Isabella Dam for 2015 was 64.0° Fahrenheit, 4.7° above the long-term (1956 to 2015) normal. The maximum high temperature for 2015 occurred on June 26th at 108° with a low of 23° occurring on January 1st, 2015 and again November 29th, 2015.

Snowpack

Listed below are approximate readings, in inches of water content, for the eight remote snow sensor sites located within the Kern River Basin on April 1, 2015, with April 1st historical average water contents of same shown for comparison:

	Upper Tyndall Creek	Crabtree Meadow	Chagoopa Plateau	Pascoe	Wet Meadow	Tunnel Guard	Casa Vieja Meadow	Beach Meadows
April 1, 2015	1.06	M	.07	.16	M	.10	.54	M
April 1, Average	27.7	19.8	21.8	24.9	30.3	15.6	20.7	11.0

The 2014-15 Kern River Basin winter snowpack accumulation is depicted on the chart below.

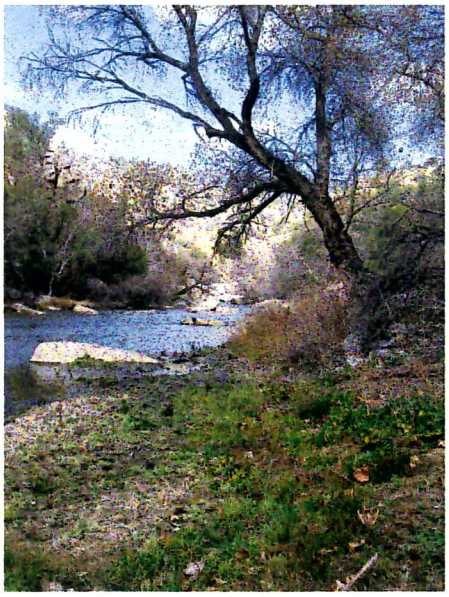


Forecast



The State of California, Department of Water Resources, issued the following forecasts of Kern River runoff into Isabella Reservoir for the 2015 April-July snow melt period:

February 1, 2015:	33% of average (155,000 acre-feet)
March 1, 2015:	23% of average (105,000 acre-feet)
April 1, 2015:	14% of average (65,000 acre-feet)
May 1, 2015:	10% of average (45,000 acre-feet)



Runoff

Actual 2015 April-July Kern River inflow to Isabella Lake was 57,665 acre-feet (13% of average). Peak inflow to Isabella Reservoir occurred on December 23, 2015 with 692 cubic feet per second. Calendar Year runoff at First Point of Measurement near Bakersfield for 2015 totaled 138,740 acre-feet, 19% of the long-term average (714,494 acre-feet) and 26% of the historical median (531,509 acre-feet).

Storage

Isabella Reservoir began the year with 44,851 acre-feet of storage. The low point for storage at Isabella Lake during 2015 fell on October 3rd with 30,158 acre-feet. Peak reservoir storage was reached on February 23, 2015 with 47,789 acre-feet (2530.77 ft. elevation). The largest daily increase in Isabella Dam storage occurred on February 8, 2015 with 546 acre-feet of storage gain; demand for stored water peaked on June 21, 2015 with 563 acre-feet of withdrawal.



Operations

Kern River regulated flow as computed at First Point of Measurement during the 2015 Calendar Year amounted to 139,758 acre-feet, 21% of the 1954-2015 average regulated flow of 680,541 acre-feet. Maximum regulated flow for the year occurred on December 23, 2015, with a mean daily discharge of 759 cubic feet per second.

Deliveries of Kern River water to Second Point of Measurement totaled zero acre-feet during 2015.

Total water yield of the Kern River drainage basin and its surface storage reservoir in acre-feet during 2015 is summarized as follows:

+	Kern River Computed Natural Flow	138,740
+	Isabella Reservoir Storage	11,450
-	Isabella Reservoir Evaporation	10,433
-	Kern River Diversion Above First Point	10,079
=	Kern River Flow at First Point	129,678

Delivery of ***Kern River*** water to canal and conveyance facilities located below First Point of Measurement for the 2015 Calendar Year was as follows:

Delivery Point	Flow in Acre-Feet
Beardsley Canal	18,591
Calloway Canal	0
Kern Island Canal	83,158
Eastside Canal	14,870
Stine Canal	0
Panorama Preserve	49
Buena Vista Canal	0
Rosedale Channel	0
Truxtun Lakes/Area Park	670
The Park at River Walk	147
Second Point of Measurement	0
Seepage Loss (River, Carrier, including refill)	12,193



DISCHARGE IN CUBIC FEET PER SECOND | Kern River at First Point of Measurement "Computed Natural" | Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	120	183	225	251	331	359	160	135	63	62	139	169
2	130	169	233	277	331	345	197	124	54	58	141	169
3	145	174	241	261	332	327	383	119	49	77	144	171
4	159	172	224	240	326	309	336	116	45	95	153	175
5	170	168	222	229	312	293	325	111	50	110	162	181
6	165	182	214	223	309	286	302	108	55	107	166	181
7	168	202	219	233	295	278	301	107	61	110	165	167
8	173	441	219	231	293	258	265	106	57	105	161	149
9	187	406	223	232	277	245	238	102	58	105	169	143
10	237	319	214	221	271	239	228	95	54	106	177	162
11	254	296	212	229	262	256	232	93	60	104	178	189
12	255	268	218	230	254	270	227	83	61	107	164	196
13	208	263	229	220	247	276	206	79	67	108	155	198
14	173	263	227	221	239	282	187	75	62	125	164	190
15	151	260	223	220	239	289	180	76	51	129	189	169
16	149	253	225	224	241	286	164	77	49	128	196	149
17	172	240	235	208	240	258	160	68	58	127	196	151
18	181	232	233	201	238	219	151	64	75	140	186	174
19	178	233	234	202	233	185	168	56	74	159	191	191
20	168	234	223	205	231	166	183	63	67	167	200	192
21	173	287	214	210	223	165	205	66	64	168	199	190
22	171	313	211	212	243	167	226	72	62	158	193	792
23	169	324	212	207	262	171	228	68	63	152	188	1,274
24	172	276	230	206	281	167	216	67	61	148	180	378
25	176	257	236	212	274	160	190	65	62	147	186	311
26	184	246	242	227	282	148	181	66	60	136	176	240
27	190	246	245	237	286	137	174	67	59	135	178	210
28	198	259	257	249	299	139	166	62	61	138	169	213
29	196	-	275	263	307	143	148	51	62	146	172	208
30	191	-	285	307	317	141	140	39	47	143	160	194
31	190	-	254	-	373	-	106	55	-	119	-	204
TOTAL	5,553	7,166	7,154	6,888	8,648	6,964	6,573	2,535	1,771	3,819	5,197	7,680
MAXIMUM DAY	255	441	285	307	373	359	383	135	75	168	200	1,274
MINIMUM DAY	120	168	211	201	223	137	106	39	45	58	139	143
MEAN	179	256	231	230	279	232	212	82	59	123	173	248
TOTAL AC. FT.	11,014	14,214	14,190	13,662	17,153	13,813	13,037	5,028	3,513	7,575	10,308	15,233

WHOLE YEAR:- TOTAL, 69,948 MAX., 1,274 MIN., 39 MEAN, 192 TOTAL AC.FT., 138,740

Kern River North Fork Flow at Kernville

DISCHARGE IN CUBIC FEET PER SECOND (As reported by U.S. Army Corps of Engineers) Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	106	144	172	271	354	478	142	139	59	62	106	127
2	114	140	189	255	374	435	156	152	59	63	99	132
3	86	139	190	227	365	354	510	145	59	65	110	136
4	121	140	179	211	370	310	412	138	59	70	112	133
5	117	138	177	200	361	286	352	133	60	82	114	130
6	130	138	178	194	291	255	389	129	60	95	111	128
7	136	147	175	192	282	230	297	126	60	93	114	129
8	139	528	175	203	279	216	260	120	59	91	116	128
9	142	438	174	201	256	210	215	116	58	88	116	130
10	155	328	173	198	228	231	205	115	58	86	128	130
11	160	240	175	194	215	226	207	111	60	84	118	152
12	154	214	181	196	218	250	199	107	58	83	111	147
13	147	205	192	192	213	271	180	93	57	82	118	130
14	146	208	177	193	218	290	166	86	57	82	118	170
15	138	206	183	192	233	309	156	84	58	83	119	137
16	138	202	190	185	230	275	147	82	62	85	148	122
17	138	199	197	182	217	232	139	79	67	92	132	136
18	139	201	208	181	216	205	136	77	68	103	140	153
19	139	204	205	182	226	189	140	77	67	115	145	144
20	140	204	199	188	218	177	156	77	65	125	145	143
21	140	201	195	188	215	160	184	77	64	116	146	139
22	141	208	197	188	220	152	212	77	63	112	147	608
23	136	251	199	184	244	145	316	76	63	108	147	653
24	137	213	195	186	245	142	208	73	62	106	142	255
25	135	206	197	195	248	135	186	66	62	104	145	203
26	136	213	197	200	276	132	170	63	63	102	140	163
27	147	210	208	198	316	131	156	63	61	100	127	141
28	158	199	238	221	362	130	145	62	61	99	134	172
29	146	-	259	260	396	128	136	60	61	100	133	159
30	146	-	259	320	415	133	130	60	61	102	122	136
31	147	-	247	-	459	-	128	60	-	102	-	147
TOTAL	4,254	6,064	6,080	6,177	8,760	6,817	6,535	2,923	1,831	2,880	3,803	5,513
MAXIMUM DAY	160	528	259	320	459	478	510	152	68	125	148	653
MINIMUM DAY	86	138	172	181	213	128	128	60	57	62	99	122
MEAN	137	217	196	206	283	227	211	94	61	93	127	178
TOTAL AC. FT.	8,438	12,028	12,059	12,252	17,375	13,521	12,962	5,798	3,632	5,712	7,543	10,935

WHOLE YEAR:- TOTAL, 61,637 MAX., 653 MIN., 57 MEAN, 169 TOTAL AC.FT., 122,255

DISCHARGE IN CUBIC FEET PER SECOND | Kern River at First Point of Measurement "Regulated" | Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	161	187	253	284	266	341	299	127	53	54	146	172
2	155	149	267	283	285	340	304	114	55	54	146	158
3	156	139	236	264	278	344	259	131	54	58	147	163
4	166	150	236	263	317	343	216	134	51	60	136	172
5	162	132	209	268	318	341	276	118	53	65	146	181
6	172	126	213	266	319	326	325	116	52	73	143	181
7	170	137	211	253	317	321	360	108	56	86	141	182
8	181	157	224	228	322	322	366	101	52	90	140	140
9	180	153	223	228	317	311	334	107	51	89	140	142
10	182	173	224	237	314	317	319	98	52	95	160	147
11	194	193	226	244	305	305	324	99	50	99	174	154
12	195	208	229	244	297	313	290	98	68	101	171	153
13	184	173	229	249	277	323	266	93	67	106	170	153
14	178	167	227	248	267	331	266	84	65	106	171	153
15	138	161	238	248	262	352	259	85	57	107	173	154
16	163	163	239	246	257	335	223	75	57	108	178	153
17	195	169	225	234	245	334	200	87	52	104	168	161
18	195	205	234	212	238	312	205	81	60	123	165	176
19	153	229	235	229	252	314	202	93	51	130	164	194
20	158	245	248	230	252	326	204	80	53	128	162	178
21	162	262	254	213	255	414	192	68	53	129	163	182
22	157	263	254	213	255	427	163	58	54	132	163	289
23	161	279	236	209	266	351	181	57	55	127	163	759
24	164	287	223	213	252	341	201	60	65	128	181	247
25	173	278	238	223	249	341	220	63	64	135	182	183
26	166	269	227	222	264	316	238	63	67	149	183	168
27	171	216	241	228	274	320	221	66	63	142	184	181
28	182	240	254	233	280	315	173	58	71	171	184	185
29	201	-	263	243	302	312	170	52	65	166	183	179
30	178	-	272	252	320	301	158	51	56	157	198	184
31	182	-	271	-	336	-	146	53	-	144	-	177
TOTAL	5,335	5,510	7,359	7,207	8,758	9,989	7,560	2,678	1,722	3,416	4,925	6,001
MAXIMUM INSTANT.	261	301	282	338	358	528	392	136	71	178	198	1,083
MINIMUM INSTANT.	100	102	208	209	143	216	124	47	50	36	136	140
MEAN	172	197	237	240	283	333	244	86	57	110	164	194
TOTAL AC. FT.	10,582	10,930	14,596	14,295	17,371	19,812	14,995	5,313	3,415	6,777	9,769	11,903

WHOLE YEAR:- TOTAL, 70,460 MAX., 1,083 MIN., 100 MEAN, 193 TOTAL AC.FT., 139,758

DISCHARGE IN CUBIC FEET PER SECOND | Kern River Channel at Second Point of Measurement (Total Flow) | Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 0 MAX., 0 MIN., 0 MEAN, 0 TOTAL AC.FT., 0

DISCHARGE IN CUBIC FEET PER SECOND | Kern River Conduit at Alternate Second Point (Total Flow) | Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 0 MAX., 0 MIN., 0 MEAN, 0 TOTAL AC.FT., 0

DISCHARGE IN CUBIC FEET PER SECOND | Friant-Kern Inflow to Kern River Channel (Total Flow) | Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 0 MAX., 0 MIN., 0 MEAN, 0 TOTAL AC.FT., 0

CITY OF BAKERSFIELD
SUMMARY OF KERN RIVER ENTITLEMENTS

Quantities in acre-feet — *Year: 2015*

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Buena Vista W.S.D. Entitlement	0	0	0	4	149	89	91	0	0	0	0	0	333
Hacienda W.D. Entitlement	0	0	0	0	0	0	0						0
K.C.L. Entitlement @ 2nd Point	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Island (1-st)	10,338	13,111	13,514	12,993	16,005	12,881	12,069	4,352	2,858	6,899	9,653	11,560	126,233
Eastside													
Kern River Conduit			0	10	323	188	201	0					722
Castro	0	30	0	0	0	0	0	0	0	0	0	28	58
KCC & W Co.	0	83	0	0	0	0	0	0	0	0	0	85	168
South Fork	0	42	0	0	0	0	0	0	0	0	0	58	100
Buena Vista (1-st)	0	282	0	0	0	0	0	0	0	0	0	393	675
James (1-st)	0	55	0	0	0	0	0	0	0	0	0	468	523
Anderson (1-st)	0	0	0	0	0	0	0	0	0	0	0	79	79
Stine	0	0	0	0	0	0	0	0	0	0	0	585	585
Meacham	0	0	0	0	0	0	0	0	0	0	0	117	117
Farmers	0	0	0	0	0	0	0	0	0	0	0	413	413
Plunket	0	0	0	0	0	0	0	0	0	0	0	79	79
Joyce	0	0	0	0	0	0	0	0	0	0	0	79	79
Johnson	0	0	0	0	0	0	0	0	0	0	0	79	79
Pioneer (1-st)	0	0	0	0	0	0	0	0	0	0	0	256	256
Beardsley (1-st)	0	0	0	0	0	0	0	0	0	0	0	117	117
Lerdo (NKWSD)													
Anderson (2-nd)	0	0	0	0	0	0	0	0	0	0	0	20	20
James & Dixon	0	0	0	0	0	0	0	0	0	0	0	79	79
Wilson	0	0	0	0	0	0	0	0	0	0	0	12	12
KCC & W Co.	0	0	0	0	0	0	0	0	0	0	0	8	8
McCaffrey	0	0	0	0	0	0	0	0	0	0	0	42	42
McCord: Lerdo 30%	0	0	0	0	0	0	0	0	0	0	0	0	0
Beardsley 70%	0	0	0	0	0	0	0	0	0	0	0	0	0
Calloway: Central 20%	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD 80%	0	0	0	0	0	0	0	0	0	0	0	0	0
Railroad: KCC & W Co. 20%	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD 80%	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista (2-nd)	0	0	0	0	0	0	0	0	0	0	0	0	0
James (2-nd)	0	0	0	0	0	0	0	0	0	0	0	0	0
Pioneer (2-nd)	0	0	0	0	0	0	0	0	0	0	0	0	0
Beardsley (3-rd)	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Island (2-nd)	0	0	0	0	0	0	0	0	0	0	0	0	0
Computed Loss	676	611	676	655	676	655	676	676	655	676	655	676	7,963
Total 1st Point Group Entitlement	11,014	14,214	14,190	13,658	17,004	13,724	12,946	5,028	3,513	7,575	10,308	15,233	138,407

CITY OF BAKERSFIELD

SUMMARY OF KERN RIVER FIRST POINT GROUP

KERN RIVER DIVERSIONS

Quantities in acre-feet

Year: 2015

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
KERN RIVER FLOW AT FIRST POINT	**9,862**	**10,477**	**13,958**	**13,482**	**16,506**	**18,809**	**13,932**	**4,247**	**2,384**	**5,714**	**8,920**	**11,387**	**129,678**
BEARDSLEY CANAL	1,648	998	1,174	272	246	1,821	1,706	440	226	0	3,628	6,432	18,591
CALLOWAY CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0
KERN ISLAND CANAL	6,734	8,438	10,011	9,774	12,167	12,801	8,670	2,573	1,495	5,032	3,533	1,930	83,158
EASTSIDE CANAL	0	0	1,843	2,779	3,322	3,505	2,874	547	0	0	0	0	14,870
STINE CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0
PANORAMA PRESERVE	0	4	2	2	2	5	6	10	8	6	4	0	49
TRUXTUN LAKES	109	109	65	0	0	0	0	0	0	0	0	371	654
ARVIN-EDISON TURNOUT	0	0	0	0	0	0	0	0	0	0	0	0	0
BUENA VISTA CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0
THE PARK AT RIVER WALK	79	44	24	0	0	0	0	0	0	0	0	0	147
ROSEDALE CHANNEL	0	0	0	0	0	0	0	0	0	0	0	0	0
PIONEER CANAL	0	0	0	0	0	0	0	0	0	0	0	0	0
BERRENDA MESA PIPELINE	0	0	0	0	0	0	0	0	0	0	0	0	0
PIONEER PROPERTY	0	0	0	0	0	0	0	0	0	0	0	0	0
AERA PARK TURNOUT	16	0	0	0	0	0	0	0	0	0	0	0	16
KERN WATER BANK VIA 2800 ACRES	0	0	0	0	0	0	0	0	0	0	0	0	0
KERN WATER BANK CANAL AT HEAD	0	0	0	0	0	0	0	0	0	0	0	0	0
2800 ACRE RECHARGE FACILITY	0	0	0	0	0	0	0	0	0	0	0	0	0
First Point Passing Second Point	0	0	0	0	0	0	0	0	0	0	0	0	0
CARRIER CANAL LOSS/REFILL	600	241	107	0	93	22	0	0	0	0	1,100	837	3,000
RIVER LOSS & SPREADING	676	643	732	655	676	655	676	677	655	676	655	1,817	9,193
FIRST POINT CANALS TOTAL FLOW	**9,862**	**10,477**	**13,958**	**13,482**	**16,506**	**18,809**	**13,932**	**4,247**	**2,384**	**5,714**	**8,920**	**11,387**	**129,678**
TOTAL FLOW AT SECOND POINT	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
BUENA VISTA WSD	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY to BUENA VISTA WSD	0	0	0	0	0	0	0	0	0	0	0	0	0
HACIENDA WATER DISTRICT	0	0	0	0	0	0	0	0	0	0	0	0	0
KERN DELTA WATER DISTRICT	0	0	0	0	0	0	0	0	0	0	0	0	0

UTILIZATION OF STORAGE - ISABELLA RESERVOIR
KERN RIVER FIRST POINT GROUP

Year: 2015

Quantities in acre-feet

End of Month Unit Storage

STORAGE UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern Island	505	3,798	3,966	4,206	4,343	509	306	170	305	816	511	553	19,988
Buena Vista	222	492	472	448	418	372	0	0	0	0	0	175	2,599
Stine	89	87	83	79	73	65	0	0	0	0	0	12	488
Farmers	12	12	12	12	12	10	0	0	0	0	0	203	273
KERN DELTA WD TOTAL	**828**	**4,389**	**4,533**	**4,745**	**4,846**	**956**	**306**	**170**	**305**	**816**	**511**	**943**	**23,348**
City of Bakersfield	7,984	7,166	6,184	4,788	3,809	2,588	1,858	791	674	427	413	896	37,578
Kern River Canal & Irr. Co.	0	0	0	0	0	0	0	0	0	0	0	0	0
South Fork	600	741	741	741	741	741	741	741	0	0	0	0	5,787
Improvement District No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF BAKERSFIELD TOTAL	**8,584**	**7,907**	**6,925**	**5,529**	**4,550**	**3,329**	**2,599**	**1,532**	**674**	**427**	**413**	**896**	**43,365**
NORTH KERN WSD	**4,792**	**4,767**	**4,584**	**4,354**	**4,062**	**1,918**	**210**	**0**	**0**	**0**	**533**	**2,708**	**27,928**
TOTAL 1ST POINT STORAGE	**14,204**	**17,063**	**16,042**	**14,628**	**13,458**	**6,203**	**3,115**	**1,702**	**979**	**1,243**	**1,457**	**4,547**	**94,641**

KERN DELTA WATER DISTRICT

KERN DELTA WATER DISTRICT

Monthly Summary of Kern River Entitlements, Diversions,

Deliveries and Storage ... All Canals

Quantities in acre-feet

Year: 2015

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	+	10,338	13,393	13,514	12,993	16,005	12,881	12,069	4,352	2,858	6,899	9,653	12,951	127,906
Kern River Preserved Entitlement	+	8,840	0	0	0	0	0	0	0	0	0	0	0	8,840
Release	+ or -	(3,570)	(1,315)	(1,371)	0	(157)	(42)	0	0	0	0	(6,278)	(10,491)	(23,224)
Entitlement + or - Releases	=	**6,768**	**12,078**	**12,143**	**12,993**	**15,848**	**12,839**	**12,069**	**4,352**	**2,858**	**6,899**	**3,375**	**2,460**	**104,682**
Into Isabella Storage	-	0	3,642	428	670	780	4	1,139	200	397	1,031	0	644	8,935
From Isabella Storage	+	0	2	109	230	351	3,471	1,692	243	87	220	158	114	6,677
From City of Bakersfield	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From North Kern WSD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
To City of Bakersfield	-	0	0	0	0	0	0	1,078	1,275	1,053	1,056	0	0	4,462
Storage Transfer/Exch.	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
River and Carrier Canal Loss	-	34	0	0	0	0	0	0	0	0	0	0	0	34
To North Kern WSD	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Via Cawelo Water District	-	0	0	0	0	0	0	0	0	0	0	0	0	0
For Improvement District No.4	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted at Heads of Canals	=	**6,734**	**8,438**	**11,824**	**12,553**	**15,419**	**16,306**	**11,544**	**3,120**	**1,495**	**5,032**	**3,533**	**1,930**	**97,928**
From North Kern WSD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From Cawelo Water District	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From Improvement District No.4	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Utility Supply	=	**6,734**	**8,438**	**11,824**	**12,553**	**15,419**	**16,306**	**11,544**	**3,120**	**1,495**	**5,032**	**3,533**	**1,930**	**97,928**
Utility Deliveries		4,163	5,489	7,469	8,425	9,054	12,505	8,536	2,335	925	2,162	2,309	1,257	64,629
Contract Deliveries		29	295	384	350	424	365	312	189	15	110	11	28	2,512
Total Irrigation Deliveries	-	**4,192**	**5,784**	**7,853**	**8,775**	**9,478**	**12,870**	**8,848**	**2,524**	**940**	**2,272**	**2,320**	**1,285**	**67,141**
Canal Conveyance Losses	=	2,542	2,654	3,971	3,778	5,941	3,436	2,696	596	555	2,760	1,213	645	30,787
Delivery Percentage		62%	69%	66%	70%	61%	79%	77%	81%	63%	45%	66%	67%	69%

Reservoir Evaporation Loss	20	79	175	228	328	377	97	93	175	300	147	98	2,117
End of Month Reservoir Storage	**828**	**4,389**	**4,533**	**4,745**	**4,846**	**956**	**306**	**170**	**305**	**816**	**511**	**943**	

DISCHARGE IN CUBIC FEET PER SECOND

Total Flow via the Kern Island Canal Headgate

Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	93	125	193	184	227	213	62	21	25	78	131
2	0	106	141	202	201	227	212	53	22	25	77	133
3	0	108	138	189	197	224	163	65	21	28	76	138
4	23	114	170	187	226	226	113	67	20	30	56	146
5	128	110	173	195	227	225	157	56	20	36	57	149
6	147	104	169	196	225	212	208	53	20	42	57	149
7	148	101	155	179	226	196	235	48	21	54	57	127
8	158	111	151	158	228	183	244	43	24	61	57	0
9	158	132	151	157	225	191	218	50	24	60	57	0
10	159	151	193	164	223	198	206	48	25	64	57	0
11	172	164	198	169	210	194	207	67	24	70	57	0
12	169	163	199	175	202	208	174	65	23	71	57	0
13	162	129	191	179	189	217	148	57	22	77	57	0
14	156	130	182	175	186	216	147	52	19	77	57	0
15	115	129	151	182	188	233	144	46	20	78	57	0
16	128	139	145	169	185	210	118	41	20	77	57	0
17	134	146	143	160	177	208	101	40	20	77	57	0
18	130	183	142	139	175	197	108	40	26	95	57	0
19	125	207	155	151	183	198	102	39	25	103	57	0
20	127	224	176	146	178	207	106	30	25	101	57	0
21	125	224	185	127	176	229	103	21	25	102	57	0
22	124	219	183	132	171	246	76	25	26	105	57	0
23	120	207	164	136	178	239	91	25	25	101	57	0
24	119	206	145	134	168	226	112	26	34	100	57	0
25	95	195	152	149	172	214	125	31	35	108	57	0
26	82	171	139	149	181	218	141	30	35	122	57	0
27	68	152	148	146	188	225	120	31	35	116	57	0
28	70	136	163	154	191	220	78	25	35	144	57	0
29	77	-	169	162	212	223	79	20	36	141	57	0
30	83	-	171	174	231	217	66	21	26	130	69	0
31	93	-	180	-	231	-	56	20	-	117	-	0
TOTAL	3,395	4,254	5,047	4,928	6,134	6,454	4,371	1,297	754	2,537	1,781	973
MAXIMUM DAY	172	224	199	202	231	246	244	67	36	144	78	149
MINIMUM DAY	0	93	125	127	168	183	56	20	19	25	56	0
MEAN	110	147	163	164	198	215	141	42	25	82	59	31
TOTAL AC. FT.	6,734	8,438	10,011	9,774	12,167	12,801	8,670	2,573	1,496	5,032	3,533	1,930

WHOLE YEAR:- TOTAL, 41,925 MAX., 246 MIN., 0 MEAN, 115 TOTAL AC.FT., 83,159

KERN DELTA WATER DISTRICT

KERN ISLAND CANAL SERVICE AREA

Quantities in acre-feet

Year: 2015

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern Island (1st) Gross Ent'l	+	10,338	13,111	13,514	12,993	16,005	12,881	12,069	4,352	2,858	6,899	9,653	11,560	126,233
Kern Island (1st) Preserved Ent'l	+	8,493	0	0	0	0	0	0	0	0	0	0	0	8,493
Kern Island (1st) Release	-	3,570	1,315	1,371	0	157	42	0	0	0	0	6,278	9,510	22,243
Kern Island (2nd) Gross Ent'l	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Island (2nd) Release	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Entitlement + or - Releases	=	**6,768**	**11,796**	**12,143**	**12,993**	**15,848**	**12,839**	**12,069**	**4,352**	**2,858**	**6,899**	**3,375**	**2,050**	**103,990**
Into Storage	-	0	3,360	428	670	780	4	1,139	200	397	1,031	0	234	8,243
From Storage	+	0	2	109	230	351	3,471	1,261	243	87	220	158	114	6,246
From North Kern WSD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From City of Bakersfield	+	0	0	0	0	0	0	0	0	0	0	0	0	0
River and Carrier Canal Loss	-	34	0	0	0	0	0	0	0	0	0	0	0	34
Other: Canal Refill	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer in Storage	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
Eastside Canal Entitlement	-	0	0	0	0	3,322	3,505	2,874	547	0	0	0	0	10,248
To City of Bakersfield	-	0	0	0	0	0	0	647	1,275	1,053	1,056	0	0	4,031
To North Kern WSD	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Other: Exchange Plus	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
For Improvement District No.4	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted at Head of Canal	=	**6,734**	**8,438**	**11,824**	**12,553**	**12,097**	**12,801**	**8,670**	**2,573**	**1,495**	**5,032**	**3,533**	**1,930**	**87,680**
From Cawelo Water District	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From North Kern WSD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From Improvement District No.4	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Utility Supply	=	**6,734**	**8,438**	**11,824**	**12,553**	**12,097**	**12,801**	**8,670**	**2,573**	**1,495**	**5,032**	**3,533**	**1,930**	**87,680**
Utility Deliveries		4,163	5,489	6,513	7,227	7,069	10,068	6,926	1,901	925	2,162	2,309	1,257	56,009
Contract Deliveries		29	295	384	350	424	365	312	189	15	110	11	28	2,512
Total Irrigation Deliveries	-	**4,192**	**5,784**	**6,897**	**7,577**	**7,493**	**10,433**	**7,238**	**2,090**	**940**	**2,272**	**2,320**	**1,285**	**58,521**
Canal Conveyance Losses	=	2,542	2,654	4,927	4,976	4,604	2,368	1,432	483	555	2,760	1,213	645	29,159
Delivery Percentage		62%	69%	58%	60%	62%	82%	83%	81%	63%	45%	66%	67%	67%

Into Reservoir Storage		0	3,360	428	670	780	4	1,139	200	397	1,031	0	234	8,243
Reservoir Evaporation Loss		12	65	151	200	292	367	81	93	175	300	147	78	1,961
From Reservoir Storage		0	2	109	230	351	3,471	1,261	243	87	220	158	114	6,246
End of Month Reservoir Storage		**505**	**3,798**	**3,966**	**4,206**	**4,343**	**509**	**306**	**170**	**305**	**816**	**511**	**553**	

State Exchange Diverted		0	0	0	0	70	0	0	0	0	0	0	0	70
State Exchange Delivered (Irrigation)		0	0	0	0	70	0	0	0	0	0	0	0	70
State Exchange Delivered (Loss/Spdg.)		0	0	0	0	0	0	0	0	0	0	0	0	0
MWD Water Diverted		0	0	0	0	0	0	0	0	0	0	0	0	0
MWD Water Delivered (Irrigation)		0	0	0	0	0	0	0	0	0	0	0	0	0
MWD Water Delivered (Loss/Spreading)		0	0	0	0	0	0	0	0	0	0	0	0	0
Lower River Water Diverted		0	0	0	0	0	0	0	0	0	0	0	0	0
Lower River Water Delivered		0	0	0	0	0	0	0	0	0	0	0	0	0
Rio Bravo Well Water Transported		0	0	0	0	0	0	0	0	0	0	0	0	0

KERN ISLAND CANAL

ENTITLEMENT AND DIVERSION OF CONTRACT WATER

BALFOUR - GUTHRIE CONTRACT

Quantities in acre-feet
except where noted.....

Year: 2015

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
KERN ISLAND CANAL ENTITLEMENT:													
Maximum	18,446	16,661	18,446	17,851	18,446	17,851	18,446	18,446	17,851	18,446	17,851	18,446	217,187
Actual	6,768	13,111	13,514	12,993	16,005	12,881	12,069	4,352	2,858	6,899	9,653	11,560	122,663
Maximum Percentage	36.69%	78.69%	73.26%	72.79%	86.77%	72.16%	65.43%	23.59%	16.01%	37.40%	54.08%	62.67%	
CONTRACT ENTITLEMENT:													
Maximum	113	222	246	238	246	238	246	246	238	246	45	45	2,369
Actual	41	175	180	173	213	172	161	58	38	92	24	28	1,355
Sum to Date	41	216	396	569	782	954	1,115	1,173	1,211	1,303	1,327	1,355	
CONTRACT DIVERTED:													
For Month	29	112	172	159	197	173	147	129	15	19	11	0	1,163
To Date	94	206	378	537	734	907	1,054	1,183	1,198	1,217	1,228	1,228	
UNUSED ENTITLEMENT:													
For Month	12	63	8	14	16	(1)	14	(71)	23	73	13	28	192
Sum to Date	12	75	83	97	113	112	126	55	78	151	164	192	

KERN ISLAND CANAL

ENTITLEMENT AND DIVERSION OF CONTRACT WATER

BLOOMFIELD CONTRACT

Quantities in acre-feet
except where noted.....

Year: 2015

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
KERN ISLAND CANAL ENTITLEMENT:													
Maximum	18,446	16,661	18,446	17,851	18,446	17,851	18,446	18,446	17,851	18,446	17,851	18,446	217,187
Actual	6,768	13,111	13,514	12,993	16,005	12,881	12,069	4,352	2,858	6,899	9,653	11,560	122,663
Maximum Percentage	36.69%	78.69%	73.26%	72.79%	86.77%	72.16%	65.43%	23.59%	16.01%	37.40%	54.08%	62.67%	
CONTRACT ENTITLEMENT:													
Maximum	142	142	307	298	307	298	307	307	298	116	56	34	2,612
Actual	52	112	225	217	266	215	201	72	48	43	30	21	1,502
Sum to Date	52	164	389	606	872	1,087	1,288	1,360	1,408	1,451	1,481	1,502	
CONTRACT DIVERTED:													
For Month	112	183	212	191	227	192	165	60	0	90	0	28	1,460
To Date	112	295	507	698	925	1,117	1,282	1,342	1,342	1,432	1,432	1,460	
UNUSED ENTITLEMENT:													
For Month	(60)	(71)	13	26	39	23	36	12	48	(47)	30	(7)	42
Sum to Date	(60)	(131)	(118)	(92)	(53)	(30)	6	18	66	19	49	42	

DISCHARGE IN CUBIC FEET PER SECOND | Total Flow via the Eastside Canal Headgate | Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	61	53	61	32	31	0	0	0	0
2	0	0	0	52	54	62	33	29	0	0	0	0
3	0	0	0	46	53	66	39	32	0	0	0	0
4	0	0	0	48	62	64	45	33	0	0	0	0
5	0	0	0	41	63	64	59	29	0	0	0	0
6	0	0	0	40	63	63	60	28	0	0	0	0
7	0	0	0	45	62	70	64	26	0	0	0	0
8	0	0	0	42	62	73	63	25	0	0	0	0
9	0	0	0	42	64	67	57	24	0	0	0	0
10	0	0	0	46	62	66	56	19	0	0	0	0
11	0	0	0	47	67	61	57	0	0	0	0	0
12	0	0	0	40	66	56	57	0	0	0	0	0
13	0	0	0	37	60	59	58	0	0	0	0	0
14	0	0	15	45	51	61	57	0	0	0	0	0
15	0	0	58	37	51	66	56	0	0	0	0	0
16	0	0	62	40	45	72	46	0	0	0	0	0
17	0	0	53	45	38	72	40	0	0	0	0	0
18	0	0	60	45	38	64	40	0	0	0	0	0
19	0	0	51	49	38	60	40	0	0	0	0	0
20	0	0	42	56	47	60	40	0	0	0	0	0
21	0	0	40	56	48	55	39	0	0	0	0	0
22	0	0	37	52	52	57	37	0	0	0	0	0
23	0	0	44	44	44	57	40	0	0	0	0	0
24	0	0	46	50	42	61	43	0	0	0	0	0
25	0	0	56	46	46	64	47	0	0	0	0	0
26	0	0	57	47	53	45	48	0	0	0	0	0
27	0	0	60	50	56	39	48	0	0	0	0	0
28	0	0	62	50	60	36	38	0	0	0	0	0
29	0	-	61	53	58	34	37	0	0	0	0	0
30	0	-	64	49	59	32	38	0	0	0	0	0
31	0	-	61	-	58	-	35	0	-	0	-	0
TOTAL	0	0	929	1,401	1,675	1,767	1,449	276	0	0	0	0
MAXIMUM DAY	0	0	64	61	67	73	64	33	0	0	0	0
MINIMUM DAY	0	0	0	37	38	32	32	0	0	0	0	0
MEAN	0	0	30	47	54	59	47	9	0	0	0	0
TOTAL AC. FT.	0	0	1,843	2,779	3,322	3,505	2,874	547	0	0	0	0

WHOLE YEAR:- TOTAL, 7,497 MAX., 73 MIN., 0 MEAN, 21 TOTAL AC.FT., 14,870

KERN DELTA WATER DISTRICT

EASTSIDE CANAL SERVICE AREA

Quantities in acre-feet

Year: 2015

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	+	0	0	1,813	2,779	3,322	3,505	2,874	547	0	0	0	0	14,840
State Exchange Diverted	+	0	0	30	0	0	0	0	0	0	0	0	0	30
City Miscellaneous Diverted	+	0	0	0	0	0	0	0	0	0	0	0	0	0
MWD Water Diverted	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Lower River Water Diverted	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Eastside Canal at Head	=	**0**	**0**	**1,843**	**2,779**	**3,322**	**3,505**	**2,874**	**547**	**0**	**0**	**0**	**0**	**14,870**
Utility Deliveries	+	0	0	956	1,549	1,985	2,437	1,611	434	0	0	0	0	8,972
Contract Deliveries	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Utility Deliveries	=	0	0	956	1,549	1,985	2,437	1,611	434	0	0	0	0	8,972
State Exchange Delivered	+	0	0	0	0	0	0	0	0	0	0	0	0	0
City Miscellaneous Delivered	+	0	0	0	0	0	0	0	0	0	0	0	0	0
MWD Water Delivered	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Lower River Water Diverted	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal State/Other Deliveries	=	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Irrigation Deliveries		**0**	**0**	**956**	**1,549**	**1,985**	**2,437**	**1,611**	**434**	**0**	**0**	**0**	**0**	**8,972**
Canal Loss (Utility)	+	0	0	857	1,230	1,337	1,068	1,263	113	0	0	0	0	5,868
Canal Loss (State)	+	0	0	30	0	0	0	0	0	0	0	0	0	30
Canal Loss (Other)	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Canal Loss	=	**0**	**0**	**887**	**1,230**	**1,337**	**1,068**	**1,263**	**113**	**0**	**0**	**0**	**0**	**5,898**
Delivery Percentage		0%	0%	52%	56%	60%	70%	56%	79%	0%	0%	0%	0%	60%

DISCHARGE IN CUBIC FEET PER SECOND

Total Flow via the Buena Vista Canal Headgate

Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 0 MAX., 0 MIN., 0 MEAN, 0 TOTAL AC.FT., 0

KERN DELTA WATER DISTRICT

BUENA VISTA CANAL SERVICE AREA

Quantities in acre-feet

Year: 2015

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Buena Vista (1st) Gross Ent'l	+	0	282	0	0	0	0	0	0	0	0	0	0	282
Buena Vista (1st) Preserved Ent'l	+	347	0	0	0	0	0	0	0	0	0	0	191	538
Buena Vista (1st) Release	+ or -	0	0	0	0	0	0	0	0	0	0	0	191	191
Buena Vista (2nd) Gross Ent'l	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista (2nd) Release	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Entitlement + or - Releases	=	**0**	**282**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**191**	**473**
Into Storage	-	0	282	0	0	0	0	0	0	0	0	0	191	473
From Storage	+	0	0	0	0	0	0	356	0	0	0	0	0	356
Via Cawelo Water District	-	0	0	0	0	0	0	0	0	0	0	0	0	0
To North Kern WSD	-	0	0	0	0	0	0	0	0	0	0	0	0	0
To City of Bakersfield	-	0	0	0	0	0	0	356	0	0	0	0	0	356
Other	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer in Storage	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Carrier Canal/River Loss	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted at Head of Canal	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
From Cawelo Water District	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From North Kern WSD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Utility Supply	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Utility Deliveries		0	0	0	0	0	0	0	0	0	0	0	0	0
Contract Deliveries		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Irrigation Deliveries	-	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Canal Conveyance Losses	=	0	0	0	0	0	0	0	0	0	0	0	0	0
Delivery Percentage		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Into Reservoir Storage		0	282	0	0	0	0	0	0	0	0	0	191	473
Reservoir Evaporation Loss		6	12	20	24	30	46	16	0	0	0	0	16	170
From Reservoir Storage		0	0	0	0	0	0	356	0	0	0	0	0	356
End of Month Reservoir Storage		**222**	**492**	**472**	**448**	**418**	**372**	**0**	**0**	**0**	**0**	**0**	**175**	

State Exchange Diverted		0	0	0	0	0	0	0	0	0	0	0	0	0
State Exchange Delivered		0	0	0	0	0	0	0	0	0	0	0	0	0
MWD Water Diverted		0	0	0	0	0	0	0	0	0	0	0	0	0
MWD Water Delivered (Irrigation)		0	0	0	0	0	0	0	0	0	0	0	0	0
MWD Water Delivered (Loss/Spreading)		0	0	0	0	0	0	0	0	0	0	0	0	0
City of Bakersfield via Buena Vista		0	0	0	0	0	0	0	0	0	0	0	0	0

KERN DELTA WATER DISTRICT
BUENA VISTA CANAL

DISTRIBUTION OF WATER

Quantities in acre-feet

Year: 2015

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Buena Vista Canal at Headworks	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista Canal from Maples Canal	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL BUENA VISTA CANAL SUPPLY	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Deliveries:													
Buena Vista Utility	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista State Exchange (Irrigation)	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista State Exchange (Spreading)	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista MWD Water (Irrigation)	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista MWD Water (Loss)	0	0	0	0	0	0	0	0	0	0	0	0	0
Stine Utility	0	0	0	0	0	0	0	0	0	0	0	0	0
Stine MWD/State Exchange (Irrigation)	0	0	0	0	0	0	0	0	0	0	0	0	0
Stine MWD/State Exchange (Spreading)	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Island Utility	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Island State Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Island MWD Water	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DELIVERED	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Canal Conveyance Losses	0	0	0	0	0	0	0	0	0	0	0	0	0
Delivery Percentage	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
DISTRIBUTION:													
Buena Vista Utility	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista State Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista MWD Water	0	0	0	0	0	0	0	0	0	0	0	0	0
Stine Utility	0	0	0	0	0	0	0	0	0	0	0	0	0
Stine MWD/State Exchange Water	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Island Utility Delivered	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Island Utility Loss	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Island State Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Island MWD Water	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern River Floodwater	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

DISCHARGE IN CUBIC FEET PER SECOND | Total Flow via the Stine Canal Headgate | Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 0 MAX., 0 MIN., 0 MEAN, 0 TOTAL AC.FT., 0

KERN DELTA WATER DISTRICT

STINE CANAL SERVICE AREA

Quantities in acre-feet

Year: 2015

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	+	0	0	0	0	0	0	0	0	0	0	0	585	585
Preserved Entitlement	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Release	+ or -	0	0	0	0	0	0	0	0	0	0	0	(573)	(573)
Entitlement + or - Releases	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**12**	**12**
Into Storage	-	0	0	0	0	0	0	0	0	0	0	0	12	12
From Storage	+	0	0	0	0	0	0	65	0	0	0	0	0	65
To North Kern WSD	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Via Cawelo Water District	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer in Storage	+ or -	0	0	0	0	0	0	65	0	0	0	0	0	65
Carrier Canal Loss	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted at Head of Canal	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
From Cawelo Water District	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Utility Supply	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Utility Deliveries		0	0	0	0	0	0	0	0	0	0	0	0	0
Contract Deliveries		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Irrigation Deliveries	-	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Canal Conveyance Losses	=	0	0	0	0	0	0	0	0	0	0	0	0	0
Delivery Percentage		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Into Reservoir Storage		0	0	0	0	0	0	0	0	0	0	0	12	12
Reservoir Evaporation Loss		2	2	4	4	6	8	0	0	0	0	0	0	26
From Reservoir Storage		0	0	0	0	0	0	65	0	0	0	0	0	65
End of Month Reservoir Storage		**89**	**87**	**83**	**79**	**73**	**65**	**0**	**0**	**0**	**0**	**0**	**12**	

State Exchange Diverted		0	0	0	0	0	0	0	0	0	0	0	0	0
State Exchange Delivered (Irrigation)		0	0	0	0	0	0	0	0	0	0	0	0	0
State Exchange Delivered (Loss/Spreading)		0	0	0	0	0	0	0	0	0	0	0	0	0
MWD Water Diverted		0	0	0	0	0	0	0	0	0	0	0	0	0
MWD Water Delivered (Irrigation)		0	0	0	0	0	0	0	0	0	0	0	0	0
MWD Water Delivered (Loss/Spreading)		0	0	0	0	0	0	0	0	0	0	0	0	0
Mandatory Release Water Diverted		0	0	0	0	0	0	0	0	0	0	0	0	0

KERN DELTA WATER DISTRICT

FARMERS CANAL SERVICE AREA

Quantities in acre-feet

Year: 2015

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	+	0	0	0	0	0	0	0	0	0	0	0	413	413
Preserved Entitlement	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Release	+ or -	0	0	0	0	0	0	0	0	0	0	0	(206)	(206)
Entitlement + or - Releases	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**207**	**207**
Into Storage	-	0	0	0	0	0	0	0	0	0	0	0	207	207
From Storage	+	0	0	0	0	0	0	10	0	0	0	0	0	10
Transfer in Storage	+ or -	0	0	0	0	0	0	10	0	0	0	0	0	10
Carrier Canal Loss	-	0	0	0	0	0	0	0	0	0	0	0	0	0
For Improvement District No.4	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted at Head of Canal	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Utility Deliveries		0	0	0	0	0	0	0	0	0	0	0	0	0
Contract Deliveries		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Irrigation Deliveries	-	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Canal Conveyance Losses	=	0	0	0	0	0	0	0	0	0	0	0	0	0
Delivery Percentage		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Into Reservoir Storage		0	0	0	0	0	0	0	0	0	0	0	207	207
Reservoir Evaporation Loss		0	0	0	0	0	2	0	0	0	0	0	4	6
From Reservoir Storage		0	0	0	0	0	0	10	0	0	0	0	0	10
End of Month Reservoir Storage		**12**	**12**	**12**	**12**	**12**	**10**	**0**	**0**	**0**	**0**	**0**	**203**	

State Exchange Diverted		0	0	0	0	0	0	0	0	0	0	0	0	0
State Exchange Delivered (Irrigation)		0	0	0	0	0	0	0	0	0	0	0	0	0
State Exchange Delivered (Loss/Spreading)		0	0	0	0	0	0	0	0	0	0	0	0	0
MWD Water Diverted		0	0	0	0	0	0	0	0	0	0	0	0	0
MWD Water Delivered (Irrigation)		0	0	0	0	0	0	0	0	0	0	0	0	0
MWD Water Delivered (Loss/Spreading)		0	0	0	0	0	0	0	0	0	0	0	0	0
Mandatory Release Water Diverted		0	0	0	0	0	0	0	0	0	0	0	0	0

KERN DELTA WATER DISTRICT

State Aqueduct Exchange Diversion and Storage Recapitulation

(as reported by KDWD)

Quantities in acre-feet

Year: 2015

		Kern Island	Eastside	East of Kern Island	Buena Vista	Stine	Farmers	Pioneer Project	For ID4	Via A-EWSD	Carrier Loss	Reservoir Loss	Total	Storage Balance 190
	November	0	0	0	0	0	0	0	0	0	0	0	0	190
	December	0	0	0	0	0	0	0	0	0	0	0	0	190
2014	January	0	0	0	0	0	0	0	0	0	0	0	0	190
Carry	February	0	0	0	0	0	0	0	0	0	0	0	0	190
Over	March	0	30	0	0	0	0	0	0	0	0	30	60	130
	April	0	0	0	0	0	0	0	0	0	0	0	0	130
	May	70	0	0	0	0	0	0	0	0	0	0	70	60
	June	0	0	0	0	0	0	0	0	0	0	0	0	60
	July	0	0	0	0	0	0	0	0	0	0	0	0	60
	Total	**70**	**30**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**30**	**130**	

2015 BVWSD/KDWD State Exchange is 20% of 25,500 acre-feet, if availible from BVWSD

0

	March	0	0	0	0	0	0	0	0	0	0	0	0	0
	April	0	0	0	0	0	0	0	0	0	0	0	0	0
	May	0	0	0	0	0	0	0	0	0	0	0	0	0
	June	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	July	0	0	0	0	0	0	0	0	0	0	0	0	0
Contract	August	0	0	0	0	0	0	0	0	0	0	0	0	0
	September	0	0	0	0	0	0	0	0	0	0	0	0	0
	October	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	

0

2015	November	0	0	0	0	0	0	0	0	0	0	0	0	0
Carry	December	0	0	0	0	0	0	0	0	0	0	0	0	0
Over	**Total**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	

Kern Delta Water District Diverted to Improvement District No. 4

DISCHARGE IN CUBIC FEET PER SECOND (Kern Island Canal Instantaneous Exchange) Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 0 MAX., 0 MIN., 0 MEAN, 0 TOTAL AC.FT., 0

DISCHARGE IN CUBIC FEET PER SECOND | Kern Delta Water District Diverted to Improvement District No. 4 | Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 0 MAX., 0 MIN., 0 MEAN, 0 TOTAL AC.FT., 0

CITY OF BAKERSFIELD

KERN RIVER CHANNEL OPERATIONS

CITY OF BAKERSFIELD

Quantities in acre-feet

Year: 2015

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
+	**Kern River at First Point of Measurement**	**9,862**	**10,477**	**13,958**	**13,482**	**16,506**	**18,809**	**13,932**	**4,247**	**2,384**	**5,714**	**8,920**	**11,387**	**129,678**
-	Computed Loss	676	611	676	655	676	655	676	676	655	676	655	676	7,963
-	Beardsley Canal at Head	1,648	998	1,174	272	246	1,821	1,706	440	226	0	3,628	6,432	18,591
-	Carrier Canal at Head	7,511	8,836	12,108	12,555	15,584	16,333	11,550	3,130	1,503	5,038	4,637	3,138	101,923
=	**Rocky Point Weir**	**27**	**32**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1,141**	**1,201**
+	Carrier Waste Gate	0	0	0	0	0	0	0	0	0	0	0	0	0
+	Farmers-Stine-Anderson: to River	0	0	0	0	0	0	0	0	0	0	0	0	0
-	Farmers-Stine-Anderson: from River	0	0	0	0	0	0	0	0	0	0	0	0	0
-	Calloway Canal at Head	0	0	0	0	0	0	0	0	0	0	0	0	0
-	River Loss: Rocky Point to Calloway Weir	27	32	0	0	0	0	0	1	0	0	0	690	750
=	**Calloway River Weir**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**451**	**451**
+	CVC T.O. #4 to River	0	0	0	0	0	0	0	0	0	0	0	0	0
+	Truxtun Lake to River	0	0	0	0	0	0	0	0	0	0	0	0	0
+	CVC T.O. #3 to River	0	0	0	0	0	0	0	0	0	0	0	0	0
+	Friant-Kern Inflow	0	0	0	0	0	0	0	0	0	0	0	0	0
-	River Canal from River	0	0	0	0	0	0	0	0	0	0	0	0	0
-	River Loss: Cally. Weir to River Canal Weir	0	0	0	0	0	0	0	0	0	0	0	451	451
=	**River Canal Weir**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
+	Pioneer Turnout	258	85	80	0	0	0	0	0	0	0	0	0	423
-	The Park at River Walk	83	44	24	0	0	0	0	0	0	0	0	0	151
+	CVC T.O. #2 to River	0	0	0	0	0	0	0	0	0	0	0	0	0
-	Rosedale Channel at Head	0	0	0	0	0	0	0	0	0	0	0	0	0
-	Aera Park Turnout	16	0	0	0	0	0	0	0	0	0	0	0	16
-	Pioneer Canal at Head	0	0	0	0	0	0	0	0	0	0	0	0	0
-	Berrenda Mesa Pipeline Turnout	0	0	0	0	0	0	0	0	0	0	0	0	0
-	River Loss: River Canal to Bellevue Weir	159	41	56	0	0	0	0	0	0	0	0	0	256
=	**Flow at Bellevue Weir**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
-	River Loss: Bellevue Weir to ID#4 Boundary	0	0	0	0	0	0	0	0	0	0	0	0	0
-	River Loss: ID#4 Boundary to 2800 Acres	0	0	0	0	0	0	0	0	0	0	0	0	0
+	CVC T.O. #1 to River	0	0	0	0	0	0	0	0	0	0	0	0	0
+	River Canal Turnout to 2800 Acres	0	0	0	0	0	0	0	0	0	0	0	0	0
-	Pioneer Central from 2800 Acres	0	0	0	0	0	0	0	0	0	0	0	0	0
-	Pioneer North from 2800 Acres	0	0	0	0	0	0	0	0	0	0	0	0	0
-	Kern Water Bank from 2800 Acres	0	0	0	0	0	0	0	0	0	0	0	0	0
-	Kern Water Bank Canal at Head	0	0	0	0	0	0	0	0	0	0	0	0	0
-	River Loss: 2800 Acres to Second Point	0	0	0	0	0	0	0	0	0	0	0	0	0
-	2800 Acre Recharge Facility	0	0	0	0	0	0	0	0	0	0	0	0	0
=	**Second Point via Kern River Channel**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

CARRIER CANAL OPERATIONS
CITY OF BAKERSFIELD

Year: 2015

Quantities in acre-feet

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
+ **Carrier Canal at Head**	**7,511**	**8,836**	**12,108**	**12,555**	**15,584**	**16,333**	**11,550**	**3,130**	**1,503**	**5,038**	**4,637**	**3,138**	**101,923**
- Carrier Waste Gate	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Oilfield Discharge	0	0	0	0	0	0	0	0	0	0	0	0	0
- Panorama Preserve	0	4	2	2	2	5	6	10	8	6	4	0	49
- Canal Refill	34	0	0	0	0	0	0	0	0	0	0	0	34
= **Carrier Reclamation Weir**	**7,477**	**8,832**	**12,106**	**12,553**	**15,582**	**16,328**	**11,544**	**3,120**	**1,495**	**5,032**	**4,633**	**3,138**	**101,840**
+ Storm Drain Inflow	90	0	0	0	8	0	0	0	0	0	0	46	144
- Eastside Canal at Head	0	0	1,843	2,779	3,322	3,505	2,874	547	0	0	0	0	14,870
- Kern Island Canal at Head	6,734	8,438	10,011	9,774	12,167	12,801	8,670	2,573	1,495	5,032	3,533	1,930	83,158
= **Levee No. 1**	**833**	**394**	**252**	**0**	**101**	**22**	**0**	**0**	**0**	**0**	**1,100**	**1,254**	**3,956**
- Farmers-Stine-Anderson: to River	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Farmers-Stine-Anderson: from River	0	0	0	0	0	0	0	0	0	0	0	0	0
= **Carrier Canal at Oak Street**	**833**	**394**	**252**	**0**	**101**	**22**	**0**	**0**	**0**	**0**	**1,100**	**1,254**	**3,956**
- Stine Canal at Head	0	0	0	0	0	0	0	0	0	0	0	0	0
- Carrier to Truxtun Lakes	341	161	113	0	0	0	0	0	0	0	0	395	1,010
+ Truxtun Lakes to Carrier	206	52	48	0	0	0	0	0	0	0	0	24	330
- Arvin-Edison Turnout	0	0	0	0	0	0	0	0	0	0	0	0	0
- Total Carrier Canal Loss	440	200	107	0	101	22	0	0	0	0	1,100	883	2,853
+ River Canal from River	0	0	0	0	0	0	0	0	0	0	0	0	0
= **River Canal at Stockdale Highway**	**258**	**85**	**80**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**423**
- Buena Vista Canal at Head	0	0	0	0	0	0	0	0	0	0	0	0	0
- Pioneer Turnout	258	85	80	0	0	0	0	0	0	0	0	0	423
- James Canal at Head	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Pioneer Well Water Production	443	551	575	537	539	543	547	552	522	284	434	0	5,527
= **River Canal at Alternate Second Point**	**443**	**551**	**575**	**537**	**539**	**543**	**547**	**552**	**522**	**284**	**434**	**0**	**5,527**
+ City-Olcese Well Water Production	518	895	994	0	0	0	0	0	0	0	0	0	2,407
+ Berrenda Mesa Well Water Production	380	450	474	432	430	401	388	374	353	203	368	485	4,738
+ ID4 Well Water Production	487	570	611	579	599	559	579	581	558	314	444	442	6,323
+ Pioneer Well Water Production	1,097	1,241	1,329	1,239	1,365	1,347	1,545	1,490	1,534	805	1,486	1,463	15,941
+ KWB Well Water Production	1,185	1,222	1,363	1,417	1,418	1,249	1,249	1,203	1,127	666	1,088	1,077	14,264
+ Pioneer Flood Water	0	0	0	0	0	0	0	0	0	0	0	0	0
- Kern Delta WD via River Canal	0	0	0	0	0	0	0	0	0	0	0	0	0
- KCWA via River Canal	0	0	0	0	0	0	0	0	0	0	0	0	0
- City of Bakersfield for Buena Vista WSD	0	0	0	0	0	0	0	0	0	0	0	0	0
- County of Kern	0	0	0	0	0	0	0	0	0	0	0	0	0
= **Second Point Group Flow via River Canal**	**4,110**	**4,929**	**5,346**	**4,204**	**4,351**	**4,099**	**4,308**	**4,200**	**4,094**	**2,272**	**3,820**	**3,467**	**49,200**

MONTHLY SUMMARY OF ENTITLEMENT, EXCHANGES, DIVERSIONS, DELIVERIES, LOSSES & SALES

CITY OF BAKERSFIELD

Quantities in acre-feet

Year: 2015

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	+	0	113	0	10	323	188	201	0	0	0	0	134	969
Release	+	1,089	279	500	0	157	22	0	0	0	0	1,181	1,154	4,382
ENTITLEMENT + OR - RELEASES	=	**1,089**	**392**	**500**	**10**	**480**	**210**	**201**	**0**	**0**	**0**	**1,181**	**1,288**	**5,351**
NKWSD to City	+	0	0	0	0	0	0	0	0	0	0	0	1,141	1,141
From Reservoir Storage	+	193	622	686	1,073	857	898	216	85	216	13	0	195	5,054
Into Reservoir Storage	-	292	24	0	0	228	141	256	0	745	0	89	726	2,501
Other	+ or -	504	2	71	4	97	63	1,141	1,275	1,794	1,056	625	967	7,599
TOTAL SUPPLY	=	**1,494**	**992**	**1,257**	**1,087**	**1,206**	**1,030**	**1,302**	**1,360**	**1,265**	**1,069**	**1,717**	**2,865**	**16,644**
County of Kern (Above First Point)		30	32	70	92	119	157	187	177	137	103	69	44	1,217
Kern Valley Golf Course		0	0	0	0	0	0	0	0	0	0	0	0	0
California Water Service Company		676	409	517	664	669	753	786	799	827	897	750	462	8,209
Olcese Water District		14	12	41	57	77	93	89	90	67	63	30	10	643
North Kern WSD		0	0	0	0	0	0	0	0	0	0	0	0	0
North Kern WSD (Surplus Miscellaneous)		0	0	0	0	0	0	0	0	0	0	0	0	0
North Kern WSD (Borrow/Payback)		0	0	0	0	0	0	0	0	0	0	0	0	0
Cawelo WD (Make-up)		0	0	0	0	0	0	0	0	0	0	0	0	0
Cawelo WD (Exchange)		0	0	0	0	0	0	0	0	0	0	0	0	0
Kern-Tulare WD (Make-up)		0	0	0	0	0	0	0	0	0	0	0	0	0
Kern-Tulare WD (Surplus Miscellaneous)		0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale RBWSD (Basic Contract)		0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale RBWSD (Miscellaneous)		0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale Ranch ID		0	0	0	0	0	0	0	0	0	0	0	0	0
Kern River Canal & Irrigating Company		4	141	375	272	246	0	234	283	226	0	0	0	1,781
Calloway Canal Non ID 4 (NW Feeder)		0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Water Bank Canal		0	0	0	0	0	0	0	0	0	0	0	0	0
Piomeer Inlet & Project		0	0	0	0	0	0	0	0	0	0	0	0	0
Truxtun Lake		109	109	65	0	0	0	0	0	0	0	0	371	654
The Park at River Walk		79	44	24	0	0	0	0	0	0	0	0	0	147
Aera Park		16	0	0	0	0	0	0	0	0	0	0	0	16
City to Buena Vista Water Storage District		0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Grundeis		0	0	0	0	0	0	0	0	0	0	0	0	0
Michael Harvick		0	0	0	0	0	0	0	0	0	0	0	0	0
Joy Cordova		0	0	0	0	0	0	0	0	0	0	0	0	0
PanoramaPreserve		0	4	2	2	2	5	6	10	8	6	4	0	49
2800 Acre Banking		0	0	0	0	0	0	0	0	0	0	0	0	0
River and Carrier Canal Loss		566	241	163	0	93	22	0	1	0	0	864	1,978	3,928
TOTAL DIVERTED	=	**1,494**	**992**	**1,257**	**1,087**	**1,206**	**1,030**	**1,302**	**1,360**	**1,265**	**1,069**	**1,717**	**2,865**	**16,644**
Into Reservoir Storage		292	24	0	0	228	141	256	0	745	0	89	726	2,501
Reservoir Evaporation Loss		209	220	296	323	350	464	770	982	646	234	103	48	4,645
From Reservoir Storage		193	622	686	1,073	857	898	216	85	216	13	0	195	5,054
End of Month Reservoir Storage		**7,984**	**7,166**	**6,184**	**4,788**	**3,809**	**2,588**	**1,858**	**791**	**674**	**427**	**413**	**896**	

CITY OF BAKERSFIELD

STATUS OF LONG TERM CONTRACTS

Quantities in acre-feet

NORTH KERN WATER STORAGE DISTRICT

Year	Basic Contract Amount	Cumulative Contract Amount	Basic Contract Delivered	Cumulative Contract Delivery	Basic Contract Balance
1977	20,000	20,000	20,000	20,000	0
1978	20,000	40,000	20,000	40,000	0
1979	20,000	60,000	20,000	60,000	0
1980	20,000	80,000	20,000	80,000	0
1981	20,000	100,000	20,000	100,000	0
1982	20,000	120,000	20,000	120,000	0
1983	20,000	140,000	20,000	140,000	0
1984	20,000	160,000	20,000	160,000	0
1985	20,000	180,000	20,000	180,000	0
1986	20,000	200,000	20,000	200,000	0
1987	20,000	220,000	20,000	220,000	0
1988	20,000	240,000	20,000	240,000	0
1989	20,000	260,000	20,000	260,000	0
1990	20,000	280,000	20,000	280,000	0
1991	20,000	300,000	20,000	300,000	0
1992	20,000	320,000	14,381	314,381	(5,619)
1993	20,000	340,000	23,700	338,081	(1,919)
1994	20,000	360,000	20,000	358,081	(1,919)
1995	20,000	380,000	21,919	380,000	0
1996	20,000	400,000	20,000	400,000	0
1997	20,000	420,000	20,000	420,000	0
1998	20,000	440,000	20,000	440,000	0
1999	20,000	460,000	20,000	460,000	0
2000	20,000	480,000	20,000	480,000	0
2001	20,000	500,000	20,000	500,000	0
2002	20,000	520,000	20,000	520,000	0
2003	20,000	540,000	20,000	540,000	0
2004	20,000	560,000	20,000	560,000	0
2005	20,000	580,000	20,000	580,000	0
2006	20,000	600,000	20,000	600,000	0
2007	20,000	620,000	20,000	620,000	0
2008	20,000	640,000	20,000	640,000	0
2009	20,000	660,000	20,000	660,000	0
2010	20,000	680,000	20,000	680,000	0
2011	20,000	700,000	20,000	700,000	0
2012	0	700,000	0	700,000	0
2013	0	700,000	0	700,000	0
2014	0	700,000	0	700,000	0
2015	0	700,000	0	700,000	0

KERN-TULARE WATER DISTRICT

Year	Basic Contract Amount	Cumulative Contract Amount	Basic Contract (Make-up) Delivered	Cumulative Contract Delivery	Basic Contract Balance
1977	20,000	20,000	4,673	4,673	(15,327)
1978	20,000	40,000	23,690	28,363	(11,637)
1979	20,000	60,000	24,122	52,485	(7,515)
1980	20,000	80,000	23,403	75,888	(4,112)
1981	20,000	100,000	23,700	99,588	(412)
1982	20,000	120,000	20,412	120,000	0
1983	20,000	140,000	4,587	124,587	(15,413)
1984	20,000	160,000	20,000	144,587	(15,413)
1985	20,000	180,000	20,000	164,587	(15,413)
1986	20,000	200,000	20,000	184,587	(15,413)
1987	20,000	220,000	20,000	204,587	(15,413)
1988	20,000	240,000	11,763	216,350	(23,650)
1989	20,000	260,000	16,635	232,985	(27,015)
1990	20,000	280,000	0	232,985	(47,015)
1991	20,000	300,000	20,000	252,985	(47,015)
1992	20,000	320,000	9,089	262,074	(57,926)
1993	20,000	340,000	29,332	291,406	(48,594)
1994	20,000	360,000	18,348	309,754	(50,246)
1995	20,000	380,000	32,733	342,487	(37,513)
1996	20,000	400,000	23,700	366,187	(33,813)
1997	20,000	420,000	23,700	389,887	(30,113)
1998	20,000	440,000	23,700	413,587	(26,413)
1999	20,000	460,000	23,700	437,287	(22,713)
2000	20,000	480,000	20,000	457,287	(22,713)
2001	20,000	500,000	11,610	468,897	(31,103)
2002	20,000	520,000	8,659	477,556	(42,444)
2003	20,000	540,000	20,000	497,556	(42,444)
2004	20,000	560,000	12,412	509,968	(50,032)
2005	20,000	580,000	23,700	533,668	(46,332)
2006	20,000	600,000	21,997	555,665	(44,335)
2007	20,000	620,000	3,260	558,925	(61,075)
2008	20,000	640,000	20,740	579,665	(60,335)
2009	23,000	663,000	23,000	602,665	(60,335)
2010	23,000	686,000	26,825	629,490	(56,510)
2011	23,000	709,000	27,250	656,740	(52,260)
2012	0	709,000	9,200	665,940	(43,060)
2013	0	709,000	3,296	669,236	(39,764)
2014	0	709,000	0	669,236	(39,764)

CAWELO WATER DISTRICT

Year	Basic Contract Amount	Cumulative Contract Amount	Basic Contract (Make-up) Delivered	Cumulative Contract Delivery	Basic Contract Balance
1977	27,000	27,000	5,024	5,024	(21,976)
1978	27,000	54,000	35,404	40,428	(13,572)
1979	27,000	81,000	36,780	77,208	(3,792)
1980	27,000	108,000	30,792	108,000	0
1981	27,000	135,000	27,000	135,000	0
1982	27,000	162,000	27,000	162,000	0
1983	27,000	189,000	27,000	189,000	0
1984	27,000	216,000	27,000	216,000	0
1985	27,000	243,000	27,000	243,000	0
1986	27,000	270,000	27,000	270,000	0
1987	27,000	297,000	27,000	297,000	0
1988	27,000	324,000	12,821	309,821	(14,179)
1989	27,000	351,000	22,460	332,281	(18,719)
1990	27,000	378,000	17,723	350,004	(27,996)
1991	27,000	405,000	29,316	379,320	(25,680)
1992	27,000	432,000	28,868	408,188	(23,812)
1993	27,000	459,000	32,000	440,188	(18,812)
1994	27,000	486,000	23,760	463,948	(22,052)
1995	27,000	513,000	32,000	495,948	(17,052)
1996	27,000	540,000	32,000	527,948	(12,052)
1997	27,000	567,000	32,000	559,948	(7,052)
1998	27,000	594,000	32,000	591,948	(2,052)
1999	27,000	621,000	29,052	621,000	0
2000	27,000	648,000	27,000	648,000	0
2001	27,000	675,000	15,670	663,670	(11,330)
2002	27,000	702,000	18,270	681,940	(20,060)
2003	27,000	729,000	27,115	709,055	(19,945)
2004	27,000	756,000	23,341	732,396	(23,604)
2005	27,000	783,000	32,000	764,396	(18,604)
2006	27,000	810,000	30,037	794,433	(15,567)
2007	27,000	837,000	9,919	804,352	(32,648)
2008	27,000	864,000	28,163	832,515	(31,485)
2009	27,000	891,000	27,191	859,706	(31,294)
2010	27,000	918,000	31,500	891,206	(26,794)
2011	27,000	945,000	32,000	923,206	(21,794)
2012	0	945,000	10,800	934,006	(10,994)
2013	0	945,000	3,887	937,893	(7,107)
2014	0	945,000	91	937,984	(7,016)
2015	0	945,000	0	937,984	(7,016)

RAG GULCH WATER DISTRICT

Year	Basic Contract Amount	Cumulative Contract Amount	Basic Contract (Make-up) Delivered	Cumulative Contract Delivery	Basic Contract Balance
1977	3,000	3,000	449	449	(2,551)
1978	3,000	6,000	3,550	3,999	(2,001)
1979	3,000	9,000	3,550	7,549	(1,451)
1980	3,000	12,000	3,550	11,099	(901)
1981	3,000	15,000	3,550	14,649	(351)
1982	3,000	18,000	3,351	18,000	0
1983	3,000	21,000	600	18,600	(2,400)
1984	3,000	24,000	3,000	21,600	(2,400)
1985	3,000	27,000	3,000	24,600	(2,400)
1986	3,000	30,000	3,000	27,600	(2,400)
1987	3,000	33,000	3,000	30,600	(2,400)
1988	3,000	36,000	1,764	32,364	(3,636)
1989	3,000	39,000	2,495	34,859	(4,141)
1990	3,000	42,000	0	34,859	(7,141)
1991	3,000	45,000	3,000	37,859	(7,141)
1992	3,000	48,000	1,363	39,222	(8,778)
1993	3,000	51,000	4,394	43,616	(7,384)
1994	3,000	54,000	2,753	46,369	(7,631)
1995	3,000	57,000	4,993	51,362	(5,638)
1996	3,000	60,000	3,550	54,912	(5,088)
1997	3,000	63,000	3,550	58,462	(4,538)
1998	3,000	66,000	3,550	62,012	(3,988)
1999	3,000	69,000	3,550	65,562	(3,438)
2000	3,000	72,000	3,000	68,562	(3,438)
2001	3,000	75,000	1,740	70,302	(4,698)
2002	3,000	78,000	1,299	71,601	(6,399)
2003	3,000	81,000	3,000	74,601	(6,399)
2004	3,000	84,000	1,862	76,463	(7,537)
2005	3,000	87,000	3,550	80,013	(6,987)
2006	3,000	90,000	3,295	83,308	(6,692)
2007	3,000	93,000	489	83,797	(9,203)
2008	3,000	96,000	3,110	86,907	(9,093)
2009	0	96,000	0	86,907	(9,093)
2010	0	96,000	0	86,907	(9,093)
2011	0	96,000	0	86,907	(9,093)
2012	0	96,000	0	86,907	(9,093)
2013	0	96,000	0	86,907	(9,093)
2014	0	96,000	0	86,907	(9,093)

CITY OF BAKERSFIELD

Deliveries to Long Term Contractors

Basic Contract - Make Up Quantities

Quantities in acre-feet

Year: 2015

	NORTH KERN WSD		CAWELO WD		KERN-TULARE WD		MONTH TOTALS	
	Basic	Accum.	Basic	Accum.	Basic	Accum.	Basic	Accum.
January	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0
Year Total	**0**		**0**		**0**		**0**	

CAWELO WATER DISTRICT OPERATIONS

Quantities in acre-feet

Year: 2015

			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
+	**Cawelo WD via Pump Station "B"**		**0**	**0**	**0**	**0**	**152**	**1,779**	**2,011**	**1,450**	**327**	**0**	**0**	**0**	**5,719**
	Lerdo Delivery Gate No. 8-0-1	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lerdo Delivery Gate No. 8-0-2	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lerdo Delivery Gate No. 8-0-10	+	0	0	0	0	0	79	151	137	0	0	0	0	367
	Lerdo Delivery Gate No. 8-0-15	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lerdo Delivery Gate No. 8-0-22	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lerdo Delivery Gate No. 8-0-25	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lerdo Delivery Gate No. 8-0-100	+	0	0	0	0	0	6	0	0	0	0	0	0	6
	Lerdo Delivery Gate No. 8-23-00 "D"	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lerdo Delivery Gate No. 8-0-289	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lerdo Delivery Gate No. 8-0-290	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lerdo Delivery Gate No. 8-0-291	+	0	0	0	0	0	0	30	6	0	0	0	0	36
	Lerdo Delivery Gate No. 8-0-292	+	0	0	0	0	0	0	12	2	0	0	0	0	14
+	**Total Lerdo Turnout Deliveries**	=	**0**	**0**	**0**	**0**	**0**	**85**	**193**	**145**	**0**	**0**	**0**	**0**	**423**
+	**Cawelo WD via Pump Station "D"**		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	Beardsley Canal Loss	+	0	0	0	0	52	60	61	57	10	0	0	0	240
	Lerdo Loss	+	0	0	0	0	0	2	0	0	0	0	0	0	2
+	Total Loss	=	0	0	0	0	52	62	61	57	10	0	0	0	242
+	Via North Kern WSD		0	0	0	0	0	0	0	0	0	0	0	0	0
=	**Total Diverted for Cawelo WD**		**0**	**0**	**0**	**0**	**204**	**1,926**	**2,265**	**1,652**	**337**	**0**	**0**	**0**	**6,384**
	Cawelo Water District Source of Supply:														
+	City of Bakersfield Make-Up Water		0	0	0	0	0	0	0	0	0	0	0	0	0
+	City of Bakersfield Exchange		0	0	0	0	0	0	0	0	0	0	0	0	0
+	Oildale Mutual WD Well Inflow		0	0	0	0	204	230	234	218	0	0	0	0	886
+	Nickel LLC Water Well Sale		0	0	0	0	0	0	0	0	0	0	0	0	0
+	Sunview Vineyards Well		0	0	0	0	0	0	0	56	0	0	0	0	56
+	Grapeman Well		0	0	0	0	0	0	0	0	202	0	0	0	202
+	Paramount Farming Well		0	0	0	0	0	0	0	0	0	0	0	0	0
-	Pump Station "D" Wells		0	0	0	0	0	0	0	0	0	0	0	0	0
+	Buena Vista WSD State Exchange		0	0	0	0	0	0	0	0	0	0	0	0	0
+	North Kern WSD Well Exchange		0	0	0	0	0	0	0	0	0	0	0	0	0
+	Improvement District #4 Exchange		0	0	0	0	0	0	0	0	0	0	0	0	0
+	via CVC Conduit "A"		0	0	0	0	0	1,696	2,031	1,525	135	0	0	0	5,387
=	**Total Cawelo Water District Supply**		**0**	**0**	**0**	**0**	**204**	**1,926**	**2,265**	**1,799**	**337**	**0**	**0**	**0**	**6,531**

DISCHARGE IN CUBIC FEET PER SECOND — Cawelo Water District Total Diverted via Beardsley-Lerdo Canal System — Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	26	58	31	0	0	0	0
2	0	0	0	0	0	41	67	32	0	0	0	0
3	0	0	0	0	0	40	69	30	11	0	0	0
4	0	0	0	0	0	39	67	31	17	0	0	0
5	0	0	0	0	0	40	66	31	17	0	0	0
6	0	0	0	0	3	40	68	31	17	0	0	0
7	0	0	0	0	4	40	66	31	6	0	0	0
8	0	0	0	0	4	39	56	30	0	0	0	0
9	0	0	0	0	4	39	54	31	0	0	0	0
10	0	0	0	0	4	39	21	31	0	0	0	0
11	0	0	0	0	4	39	20	31	0	0	0	0
12	0	0	0	0	4	25	22	31	0	0	0	0
13	0	0	0	0	4	24	22	31	0	0	0	0
14	0	0	0	0	4	24	22	34	0	0	0	0
15	0	0	0	0	4	22	20	31	0	0	0	0
16	0	0	0	0	4	21	22	30	0	0	0	0
17	0	0	0	0	4	22	23	31	0	0	0	0
18	0	0	0	0	4	21	22	31	0	0	0	0
19	0	0	0	0	4	22	20	31	0	0	0	0
20	0	0	0	0	4	21	21	31	0	0	0	0
21	0	0	0	0	4	22	20	31	0	0	0	0
22	0	0	0	0	4	21	21	31	0	0	0	0
23	0	0	0	0	4	32	20	31	0	0	0	0
24	0	0	0	0	4	39	32	31	0	0	0	0
25	0	0	0	0	4	40	37	31	0	0	0	0
26	0	0	0	0	4	38	36	31	0	0	0	0
27	0	0	0	0	4	40	36	31	0	0	0	0
28	0	0	0	0	4	42	36	31	0	0	0	0
29	0	-	0	0	4	35	36	10	0	0	0	0
30	0	-	0	0	4	38	36	0	0	0	0	0
31	0	-	0	-	4	-	26	0	-	0	-	0
TOTAL	0	0	0	0	103	971	1,142	879	68	0	0	0
MAXIMUM DAY	0	0	0	0	4	42	69	34	17	0	0	0
MINIMUM DAY	0	0	0	0	0	21	20	0	0	0	0	0
MEAN	0	0	0	0	3	32	37	28	2	0	0	0
TOTAL AC. FT.	0	0	0	0	204	1,926	2,265	1,743	135	0	0	0

WHOLE YEAR:- TOTAL, 3,163 MAX., 69 MIN., 0 MEAN, 9 TOTAL AC.FT., 6,273

City of Bakersfield Diverted to Cawelo Water District

DISCHARGE IN CUBIC FEET PER SECOND (Make-up Water) Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 0 MAX., 0 MIN., 0 MEAN, 0 TOTAL AC.FT., 0

Buena Vista WSD Diverted for Cawelo Water District

DISCHARGE IN CUBIC FEET PER SECOND (Kern River/SWP Exchange) Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 0 MAX., 0 MIN., 0 MEAN, 0 TOTAL AC.FT., 0

RECAPITULATION OF CITY OF BAKERSFIELD DIVERSIONS FOR KERN-TULARE WATER DISTRICT

Quantities in acre-feet

Year: 2015

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
+	Make-Up Water Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
+	Miscellaneous Quantity Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
=	**Total Diverted**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	via Calloway Canal +	0	0	0	0	0	0	0	0	0	0	0	0	0
	River Transportation Loss/Spreading +	0	0	0	0	0	0	0	0	0	0	0	0	0
	Carrier Canal Recharge +	0	0	0	0	0	0	0	0	0	0	0	0	0
	via Truxtun Lake +	0	0	0	0	0	0	0	0	0	0	0	0	0
	via Park at River Walk +	0	0	0	0	0	0	0	0	0	0	0	0	0
	via North Kern Water Storage District +	0	0	0	0	0	0	0	0	0	0	0	0	0
	Isabella Reservoir Evaporation Loss +	0	0	0	0	0	0	0	0	0	0	0	0	0
-	**Total Diverted to I.D. No. 4 =**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	via Arvin-Edison Turnout +	0	0	0	0	0	0	0	0	0	0	0	0	0
	Canal Transportation Loss +	0	0	0	0	0	0	0	0	0	0	0	0	0
-	**Total Diverted to Arvin-Edison T.O. =**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
=	**Via North Kern Water Storage District**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

IMPROVEMENT DISTRICT NO. 4
KERN RIVER SUPPLY AND DIVERSION RECAP

(Does not include deliveries into Isabella Reservoir storage or Cross Valley Canal Water)

YEAR: 2015

Quantities in acre-feet

			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	Treatment Plant via Calloway Canal	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Calloway Canal Operational Losses	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Calloway Canal Below "99"	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cross Valley Canal Filling Losses	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cross Valley Canal Reverse Flow	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cross Valley Canal River Turnout #4	+	0	0	0	0	0	0	0	0	0	0	0	0	0
+	Sub-total Calloway Canal	=	0	0	0	0	0	0	0	0	0	0	0	0	0
	Treatment Plant via Beardsley Canal	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Beardsley Canal Diversion Losses	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cross Valley Canal System Loss/Storage	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cawelo WD via Beardsley Canal	+	0	0	0	0	0	0	0	0	0	0	0	0	0
+	Sub-total Beardsley Canal	=	0	0	0	0	0	0	0	0	0	0	0	0	0
+	KRC&I Co. #1 Ditch Spreading		0	0	0	0	0	0	0	0	0	0	0	0	0
+	KRC&I Co. #1 Ditch to Cally. Spreading		0	0	0	0	0	0	0	0	0	0	0	0	0
	Wilson Ditch Recharge	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Truxtun Lakes	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Aera Park Recharge	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	Carrier Canal Loss/Spdg.	+	0	0	0	0	0	0	0	0	0	0	0	0	0
+	Sub-total via Carrier Canal	=	0	0	0	0	0	0	0	0	0	0	0	0	0
	River Loss/Spdg. Above Calloway Weir	+	0	32	0	0	0	0	0	0	0	0	0	0	32
	River Spreading Below Calloway Weir	+	0	0	0	0	0	0	0	0	0	0	0	0	0
+	Sub-total River Loss/Spreading	=	0	32	0	0	0	0	0	0	0	0	0	0	32
+	The Park at River Walk		0	0	0	0	0	0	0	0	0	0	0	0	0
=	**Improvement District #4 Total Diverted**		**0**	**32**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**32**
+	Kern-Tulare WD Make-Up Water		0	0	0	0	0	0	0	0	0	0	0	0	0
+	City Kern-Tulare WD Surplus Miscellaneous		0	0	0	0	0	0	0	0	0	0	0	0	0
	City Truxtun Lake Exchange	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	City Aera Lake Exchange	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	City / ID 4 Exchange 2013	+	0	0	0	0	0	0	0	0	0	0	0	0	0
	City (Non-Improvement District #4 Water)	+	0	0	0	0	0	0	0	0	0	0	0	0	0
+	Sub-total City of Bakersfield	=	0	0	0	0	0	0	0	0	0	0	0	0	0
+	North Kern WSD Exchange (Category "A")		0	32	0	0	0	0	0	0	0	0	0	0	32
+	North Kern WSD Exchange (Category "B")		0	0	0	0	0	0	0	0	0	0	0	0	0
+	Nickel Well Water Purchase		0	0	0	0	0	0	0	0	0	0	0	0	0
+	Buena Vista WSD to Kern Delta via ID #4		0	0	0	0	0	0	0	0	0	0	0	0	0
+	Kern Delta WD/MET Well Exchange		0	0	0	0	0	0	0	0	0	0	0	0	0
+	Kern Delta WD Instantaneous Exchange		0	0	0	0	0	0	0	0	0	0	0	0	0
=	**Improvement District #4 Total Supply**		**0**	**32**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**32**

ROSEDALE RBWSD DIVERSION RECAPITULATION

Quantities in acre-feet

YEAR: 2015

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Rosedale Channel at Headgate	+	0	0	0	0	0	0	0	0	0	0	0	0	0
City for Others	-	0	0	0	0	0	0	0	0	0	0	0	0	0
for Rosedale RBWSD	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
- City Contract Water		0	0	0	0	0	0	0	0	0	0	0	0	0
= Other Water		0	0	0	0	0	0	0	0	0	0	0	0	0
via Berrenda Mesa Pipeline	+	0	0	0	0	0	0	0	0	0	0	0	0	0
via 2800 Acres to Central Pioneer	+	0	0	0	0	0	0	0	0	0	0	0	0	0
via 2800 Acres to North Pioneer	+	0	0	0	0	0	0	0	0	0	0	0	0	0
via 2800 Acres to Kern Water Bank	+	0	0	0	0	0	0	0	0	0	0	0	0	0
via Pioneer Canal Inlet	+	0	0	0	0	0	0	0	0	0	0	0	0	0
via Aera Park Turnout	+	0	0	0	0	0	0	0	0	0	0	0	0	0
The Park at River Walk	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Carrier Canal Recharge	+	0	0	0	0	0	0	0	0	0	0	0	0	0
2800 Acre Spreading (Gross)	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern River Channel Spreading	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern River Channel at 2nd Point	+	0	0	0	0	0	0	0	0	0	0	0	0	0
For Cawelo Water District	+	0	0	0	0	0	0	0	0	0	0	0	0	0
For Improvement District #4	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Diverted	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

City of Bakersfield Basic Contract	+	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Bakersfield Miscellaneous	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Hacienda WD Exchange	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista WSD Exchange	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista WSD Purchase	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Arvin-Edison WD Exchange	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale Rio Bravo WSD 215	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern-Tulare WD Exchange	+	0	0	0	0	0	0	0	0	0	0	0	0	0
D.E.I.D. Exchange	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Supply	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

ROSEDALE RIO BRAVO WATER STORAGE DISTRICT

Hydrographic and Accounting Report by City of Bakersfield

Quantities in acre-feet

Year: 2015

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	(a)	(b)	(c)	(d)	(e)		(f) Basic Contract		(g) Miscellaneous		(h) Other Supply					
	Friant-Kern Inflow	Friant-Kern Delivered	SWP Inflow	SWP Delivered	River Canal Transportation Charge on Column 2	Total Kern River Delivered	No Charge (1st 4000) acre-feet	acre-feet Sold at $1.00	acre-feet Sold at $6.00	acre-feet Sold at $21.00	Arvin Edison Exchange	Friant-Kern Floodwater	BVWSD Kern River Exchange	Hacienda W.D. Sale	DEID Friant-Kern Exchange	K-TWD Friant-Kern Exchange
January	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

6.079	= Current Escalator =	6.079	0	0	2014	
$6.08	= Totals =	$6.08	0	0	2013	*Preceding Four*
	(per 1961 Agreement)		7,328	0	2012	*Years*
			25,185	0	2011	

Notes :

(a) As charged RRBWSD by U.S.B.R.
(b) Column 1 less transportation losses.
(c) As charged RRBWSD by KCWA.
(d) Column 3 less transportation losses.
(e) $0.10 per acre-foot escalated annually (31.6 = 1-82 base index).
(f) $1.00 per acre-foot escalated annually (31.6 = 1-82 base index) after the first 4,000 AcFt of each successive 10,000 acre-feet delivered.
(g) Subject to annual escalation per 1976 agreement (62.8 = 1-82 base index).
(h) Delivered during periods of Kern River Mandatory Release when designated by U.S. Army Corps of Engineers.

STATUS OF CONTRACT

per terms of

ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT

Service Agreement, dated August 31, 1961.

Quantities in acre-feet

Year	TOTAL DELIVERED	FRIANT-KERN DELIVERED	TOTAL KERN RIVER DELIVERED	(1) KERN RIVER BASIC CONTRACT DELIVERED	KERN RIVER BASIC CONTRACT OBLIGATION	(2) CARRY FORWARD OVER (UNDER)	END of YEAR CONTRACT BALANCE (3) (4) 60,000
1976	0	0	0	0	10,000	(10,000)	50,000
1977	2,199	0	2,199	2,199	10,000	(7,801)	42,199
1978	76,365	4,371	71,994	10,000	10,000	0	42,199
1979	14,568	9,921	4,647	4,647	10,000	(5,353)	36,846
1980	70,790	4,167	66,623	10,000	10,000	0	36,846
1981	773	0	773	773	10,000	(9,227)	27,619
1982	88,374	40,595	47,779	10,000	10,000	0	27,619
1983	134,534	1,440	133,094	10,000	10,000	0	27,619
1984	38,854	0	38,854	10,000	10,000	0	27,619
1985	20,694	0	20,694	0	10,000	(10,000)	17,619
1986	87,761	5,209	82,552	20,000	10,000	10,000	27,619
1987	6,000	0	6,000	0	10,000	(10,000)	17,619
1988	7,845	0	7,845	0	10,000	(10,000)	7,619
1989	4,500	0	4,500	0	10,000	(10,000)	(2,381)
1990	0	0	0	0	10,000	(10,000)	(12,381)
1991	9,076	0	9,076	9,076	10,000	(924)	(13,305)
1992	1,117	0	1,117	1,117	10,000	(8,883)	(22,188)
1993	55,710	28,820	26,890	10,000	10,000	0	(22,188)
1994	3,039	0	3,039	3,039	10,000	(6,961)	(29,149)
1995	110,777	8,470	102,307	30,000	10,000	20,000	(9,149)
1996	93,257	35,396	57,861	19,149	10,000	9,149	0
1997	97,062	6,612	90,450	10,000	10,000	0	0
1998	113,736	4,432	109,304	25,688	10,000	15,688	15,688
1999	13,387	3,187	10,200	10,000	10,000	0	15,688
2000	29,200	18,442	10,758	10,000	10,000	0	15,688
2001	3,972	0	3,972	3,177	10,000	(6,823)	8,865
2002	5,135	0	5,135	3,189	10,000	(6,811)	2,054
2003	12,680	5,104	7,576	7,407	10,000	(2,593)	(539)
2004	3,342	0	3,342	3,342	10,000	(6,658)	(7,197)
2005	151,002	60,626	90,376	20,000	10,000	10,000	2,803
2006	84,699	64	84,635	10,000	10,000	0	2,803
2007	7,783	0	7,783	7,783	10,000	(2,217)	586
2008	0	0	0	0	10,000	(10,000)	(9,414)
2009	109	109	0	0	10,000	(10,000)	(19,414)
2010	22,657	7,692	14,965	14,848	10,000	4,848	(14,566)
2011	60,063	1,292	58,771	25,185	10,000	15,185	619
2012	7,328	0	7,328	7,328	10,000	(2,672)	(2,053)
2013	0	0	0	0	10,000	(10,000)	(12,053)
2014	0	0	0	0	10,000	(10,000)	(22,053)
2015	0	0	0	0	10,000	(10,000)	(32,053)

(1) Not less than 5,000 acre-feet for any consecutive 5-Year period.

(2) Limit 30,000 acre-feet during any One year.

(3) Gross limit of 60,000 acre-feet.

(4) Pursuant to Article 3.2 of 1976 Agreement No. 76-80; City of Bakersfield carryover credit was 60,000 acre-feet as of January 1, 1976.

STATUS OF CONTRACT

ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT

Cumulative Miscellaneous Water Balance
Pursuant to June 6, 1976 Agreement No. 76-80
Amended on August 16, 2006 with Agreement No. 06-235

Quantities in acre-feet

Year	(A) TOTAL CITY MISCELLANEOUS WATER	(B) RRBWSD * 1/3 SHARE OF MISC.	(C) MISC. WATER DELIVERED TO RRBWSD (1)	(D) OVER (UNDER) * 1/3 SHARE	(E) END OF YEAR CUMULATIVE MISC. WATER BALANCE
					0
1977	0	0	0	0	0
1978	75,473	25,158	29,405	4,247	4,247
1979	34,885	11,628	0	(11,628)	(7,381)
1980	81,572	27,191	28,246	1,055	(6,326)
1981	1,634	545	0	(545)	(6,871)
1982	184,335	61,445	37,779	(23,666)	(30,537)
1983	64,686	21,562	12,292	(9,270)	(39,807)
1984	56,816	18,939	20,856	1,917	(37,890)
1985	50,537	16,846	20,694	3,848	(34,042)
1986	161,307	53,769	56,590	2,821	(31,221)
1987	0	0	6,000	6,000	(25,221)
1988	2,157	719	7,845	7,126	(18,095)
1989	3,838	1,279	4,500	3,221	(14,874)
1990	0	0	0	0	(14,874)
1991	0	0	0	0	(14,874)
1992	0	0	0	0	(14,874)
1993	49,610	16,537	16,890	353	(14,521)
1994	0	0	0	0	(14,521)
1995	91,532	30,511	57,383	26,872	12,351
1996	131,683	43,894	38,603	(5,291)	7,060
1997	196,451	65,484	49,226	(16,258)	(9,198)
1998	142,316	47,439	48,695	1,256	(7,942)
1999	1,807	602	200	(402)	(8,344)
2000	1,745	582	758	176	(8,168)
2001	7,024	2,341	795	(1,546)	(9,714)
2002	12,571	4,190	1,946	(2,244)	(11,958)
2003	12,058	4,019	169	(3,850)	(15,808)
2004	2,621	874	0	(874)	(16,682)
2005	108,051	36,017	36,017	0	(16,682)
2006	53,267	17,756	17,643	(113)	(16,795)
2007	256	85	0	(85)	(16,880)
2008	19,950	6,650	0	(6,650)	(23,530)
2009	10,515	3,505	0	(3,505)	(27,035)
2010	58,317	19,439	117	(19,322)	(46,357)
2011	34,671	11,557	10,591	(966)	(47,323)
2012	0	0	0	0	(47,323)
2013	0	0	0	0	(47,323)
2014	0	0	0	0	(47,323)
2015	0	0	0	0	(47,323)

Notes:

(1) Includes water delivered pursuant to Article II, Section 2.1 (i) (7) of Agreement No. 76-80, "Failure to Accept Water".
Column (B) 1/3 component removed in 2012 *
Column (D) = Column (C) minus Column (B).

KERN RIVER CANAL & IRRIGATING COMPANY

CITY OF BAKERSFIELD

Quantities in acre-feet

Year: 2015

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	+	0	0	0	0	0	0	0	0	0	0	0	117	117
Release	+ or -	0	0	0	0	0	0	0	0	0	0	0	121	121
ENTITLEMENT + OR - RELEASE	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**238**	**238**
From City of Bakersfield	+	4	141	375	272	246	0	234	283	226	0	0	0	1,781
From NKWSD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Into Isabella Storage	-	0	0	0	0	0	0	0	0	0	0	0	0	0
From Isabella Storage	+	0	0	0	0	0	0	0	0	0	0	0	0	0
To City of Bakersfield	-	0	0	0	0	0	0	0	0	0	0	0	203	203
To NKWSD in Isabella Storage	-	0	0	0	0	0	0	0	0	0	0	0	0	0
DIVERTED AT HEAD	=	**4**	**141**	**375**	**272**	**246**	**0**	**234**	**283**	**226**	**0**	**0**	**35**	**1,816**
Irrigation Deliveries	-	2	80	74	0	0	0	0	0	49	0	0	0	205
North Garden Treatment Plant	-	0	43	240	212	192	0	184	222	32	0	0	0	1,125
NKWSD at Seventh Standard Line	-	0	0	0	0	0	0	0	0	0	0	0	35	35
Spreading Deliveries	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	-	0	0	0	0	0	0	0	0	123	0	0	0	123
Canal Loss	=	2	18	61	60	54	0	50	61	22	0	0	0	328
Irrigation Delivery Percentage		50%	87%	84%	78%	78%	0%	79%	78%	36%	0%	0%	100%	73%

Into Isabella Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isabella Evaporation Loss	0	0	0	0	0	0	0	0	0	0	0	0	0	0
From Isabella Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer in Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0
End of Month Isabella Storage	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		

SOUTH FORK DIVERSION RIGHT SUMMARY

Quantities in acre-feet

Year: 2015

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	+	0	42	0	0	0	0	0	0	0	0	0	58	100
Release	+ or -	504	101	71	0	0	0	0	0	0	0	625	462	1,763
Entitlement + or - Releases	=	**504**	**143**	**71**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**625**	**520**	**1,863**
Into Isabella Storage	-	0	141	0	0	0	0	0	0	0	0	0	0	141
From Isabella Storage	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	+ or -	(504)	(2)	(71)	0	0	0	0	0	0	0	(625)	(520)	(1,722)
Total Deliveries	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Old South Fork		0	0	0	0	0	0	0	0	0	0	0	0	0
Panama Ranch		0	0	0	0	0	0	0	0	0	0	0	0	0

Into Isabella Storage		0	141	0	0	0	0	0	0	0	0	0	0	141
From Isabella Storage		0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer in Storage		0	0	0	0	0	0	0	0	741	0	0	0	741
End of Month Isabella Storage		**600**	**741**	**741**	**741**	**741**	**741**	**741**	**741**	**0**	**0**	**0**	**0**	

DISCHARGE IN CUBIC FEET PER SECOND

City of Bakersfield Diverted to California Water Service Company
Bakersfield Water Treatment Plant

Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	10	10	0	11	11	12	13	13	13	16	13	13
2	10	10	0	11	10	12	13	13	13	15	13	13
3	10	11	0	11	11	13	12	13	13	16	13	13
4	10	11	0	11	11	12	12	13	13	16	13	12
5	10	10	0	11	10	12	12	13	13	16	13	12
6	11	11	0	11	11	12	13	13	13	16	13	12
7	11	10	0	11	10	13	13	13	13	16	13	0
8	11	11	0	11	11	12	12	13	13	16	13	0
9	11	10	11	11	11	12	13	13	13	16	12	0
10	11	10	11	11	10	13	12	12	12	16	11	0
11	11	11	12	11	11	12	12	12	12	16	10	0
12	11	10	11	11	10	13	13	12	12	16	11	0
13	11	11	11	11	11	12	13	13	12	15	13	0
14	11	10	11	11	11	13	12	13	12	15	12	1
15	11	11	11	11	10	12	12	13	12	16	12	13
16	11	11	11	15	11	13	12	12	13	16	12	13
17	11	11	12	11	10	12	12	12	13	14	13	13
18	11	11	11	10	11	12	12	13	13	14	13	13
19	11	11	11	11	11	13	12	13	13	13	13	12
20	11	0	11	10	10	12	12	12	13	13	12	12
21	11	0	11	11	11	12	13	12	12	13	12	12
22	11	0	11	10	10	13	13	13	13	13	12	12
23	11	0	11	11	11	12	12	12	16	13	13	1
24	11	0	11	10	11	12	12	13	16	13	13	0
25	11	0	11	11	10	13	12	12	16	13	13	0
26	11	0	11	10	11	12	12	13	16	13	13	0
27	11	0	11	11	11	12	12	12	15	13	12	1
28	11	0	11	10	10	13	13	13	16	12	12	12
29	11	-	11	11	11	12	12	12	16	12	12	13
30	11	-	11	11	11	12	13	12	15	13	13	13
31	11	-	11	-	10	-	13	12	-	13	-	12
TOTAL	336	201	255	328	329	370	384	390	405	448	373	228
MAXIMUM DAY	11	11	12	15	11	13	13	13	16	16	13	13
MINIMUM DAY	10	0	0	10	10	12	12	12	12	12	10	0
MEAN	11	7	8	11	11	12	12	13	14	14	12	7
TOTAL AC. FT.	666	398	505	651	653	733	762	774	803	889	740	452

WHOLE YEAR:- TOTAL, 4,047 MAX., 16 MIN., 0 MEAN, 11 TOTAL AC.FT., 8,026

DISCHARGE IN CUBIC FEET PER SECOND

City of Bakersfield Diverted to California Water Service Company
Kernville Water System

Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	0	0	0	1
3	0	0	0	0	0	1	0	0	1	0	0	0
4	0	0	0	1	1	0	0	1	0	0	0	0
5	0	1	1	0	0	0	1	0	1	0	1	0
6	1	0	0	0	0	1	0	1	0	0	0	0
7	0	0	0	0	1	0	0	0	1	1	0	1
8	0	0	0	1	0	0	1	1	0	0	0	0
9	0	0	0	0	0	1	0	0	1	0	0	0
10	0	1	1	0	1	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	0	1	0	0	0
12	1	0	0	1	0	0	0	1	0	0	1	0
13	0	0	0	0	0	1	0	0	1	0	0	0
14	0	0	0	0	0	0	1	1	0	1	0	1
15	0	1	1	0	0	0	1	0	1	0	0	0
16	0	0	0	1	1	0	0	1	0	0	0	0
17	0	0	0	0	0	1	1	0	1	0	1	0
18	1	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	1	1	0	1	0	0	0	0
20	0	1	1	1	0	0	1	0	0	0	0	0
21	0	0	0	0	0	0	0	1	1	1	0	1
22	0	0	0	0	0	1	0	0	0	0	0	0
23	0	0	0	0	0	0	1	1	1	0	1	0
24	1	0	0	1	0	1	0	0	0	0	0	0
25	0	1	1	0	1	0	1	0	0	0	0	0
26	0	0	0	0	0	0	1	0	1	0	0	0
27	0	0	0	0	0	1	0	1	0	0	0	1
28	0	0	0	1	1	0	0	0	1	1	1	0
29	0	-	0	0	0	1	1	1	0	0	0	0
30	1	-	1	0	0	0	0	0	0	0	0	0
31	0	-	0	-	1	-	0	1	-	0	-	0
TOTAL	5	5	6	7	8	10	12	13	12	4	5	5
MAXIMUM DAY	1	1	1	1	1	1	1	1	1	1	1	1
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	10	11	12	14	16	20	24	25	24	8	10	10

WHOLE YEAR:- TOTAL, 92 MAX., 1 MIN., 0 MEAN, 0 TOTAL AC.FT., 184

City of Bakersfield Diverted to Olcese Water District

DISCHARGE IN CUBIC FEET PER SECOND (Pursuant to Agreement No. 99-05 W.B. dated June 30, 1999) Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	1	2	1	2	1	1	1	0
2	0	0	0	2	2	1	1	1	1	1	0	0
3	0	0	0	0	0	2	2	2	1	1	1	0
4	0	0	0	0	0	2	1	1	1	1	0	1
5	0	0	0	4	0	2	2	2	1	1	1	0
6	0	0	0	2	4	1	1	1	1	1	0	0
7	0	0	0	0	0	2	2	2	2	1	1	0
8	0	2	3	0	3	1	1	1	1	1	0	0
9	0	0	0	0	1	2	2	1	1	1	1	0
10	0	0	0	0	0	1	1	1	1	1	0	1
11	0	0	0	0	0	2	2	2	1	1	1	0
12	3	0	0	0	2	2	1	1	1	1	0	0
13	0	0	0	5	0	1	2	2	1	1	1	0
14	0	0	0	0	0	2	1	1	2	1	0	1
15	0	0	0	0	1	2	2	2	1	1	1	0
16	0	2	3	4	2	1	1	1	1	2	0	0
17	0	0	0	2	7	2	2	2	1	1	1	0
18	0	0	1	0	0	1	1	1	1	1	0	0
19	0	0	0	2	1	2	2	2	1	1	1	0
20	0	0	0	0	0	1	1	1	1	1	0	1
21	0	0	0	0	1	2	2	2	2	1	1	0
22	0	0	5	2	2	1	1	1	1	1	0	0
23	0	0	0	2	0	2	2	2	1	1	1	1
24	0	2	0	0	0	1	1	1	1	1	0	0
25	4	0	0	0	1	2	2	2	1	1	1	0
26	0	0	1	0	2	1	1	1	1	1	0	0
27	0	0	2	2	1	2	2	2	1	1	1	0
28	0	0	0	1	0	1	1	1	2	1	0	0
29	0	-	0	1	3	2	2	2	1	1	1	0
30	0	-	5	0	0	1	1	1	1	1	0	0
31	0	-	1	-	5	-	1	1	-	1	-	0
TOTAL	7	6	21	29	39	47	45	45	34	32	15	5
MAXIMUM DAY	4	2	5	5	7	2	2	2	2	2	1	1
MINIMUM DAY	0	0	0	0	0	1	1	1	1	1	0	0
MEAN	0	0	1	1	1	2	1	1	1	1	1	0
TOTAL AC. FT.	14	12	41	57	77	93	89	90	67	63	30	10

WHOLE YEAR:- TOTAL, 325 MAX., 7 MIN., 0 MEAN, 1 TOTAL AC.FT., 643

DISCHARGE IN CUBIC FEET PER SECOND | Total Flow via the Panorama Preserve Headgate | Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	1	0	1	0	0	1	0
6	0	0	0	0	0	0	0	0	0	1	0	0
7	0	0	0	0	0	0	0	0	1	0	0	0
8	0	0	0	0	0	0	1	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	1	0	0	0	0	0	1	0	0	0	0
14	0	0	0	0	0	1	0	0	1	0	1	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	1	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	1	0	1	0	0	0	1	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	1	0	0
21	0	0	0	0	0	0	0	1	0	0	0	0
22	0	1	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	1	0	0	0	0	0	0
26	0	0	0	0	0	0	0	1	0	1	0	0
27	0	0	0	1	0	0	0	1	0	0	0	0
28	0	0	0	0	0	0	1	0	1	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	2	1	1	1	3	3	5	4	3	2	0
MAXIMUM DAY	0	1	1	1	1	1	1	1	1	1	1	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	4	2	2	2	5	6	10	8	6	4	0

WHOLE YEAR:- TOTAL, 25 MAX., 1 MIN., 0 MEAN, 0 TOTAL AC.FT., 49

DISCHARGE IN CUBIC FEET PER SECOND

Total Diverted via
Cross Valley Canal Conduit "A"

Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	22	54	27	0	0	0	0
2	0	0	0	0	0	37	63	28	0	0	0	0
3	0	0	0	0	0	36	66	27	11	0	0	0
4	0	0	0	0	0	35	63	27	17	0	0	0
5	0	0	0	0	0	36	62	27	17	0	0	0
6	0	0	0	0	0	36	64	27	17	0	0	0
7	0	0	0	0	0	36	63	27	6	0	0	0
8	0	0	0	0	0	35	62	27	0	0	0	0
9	0	0	0	0	0	35	60	27	0	0	0	0
10	0	0	0	0	0	35	27	27	0	0	0	0
11	0	0	0	0	0	35	26	27	0	0	0	0
12	0	0	0	0	0	21	28	27	0	0	0	0
13	0	0	0	0	0	20	29	27	0	0	0	0
14	0	0	0	0	0	20	38	30	0	0	0	0
15	0	0	0	0	0	18	36	27	0	0	0	0
16	0	0	0	0	0	17	38	27	0	0	0	0
17	0	0	0	0	0	18	49	27	0	0	0	0
18	0	0	0	0	0	18	55	27	0	0	0	0
19	0	0	0	0	0	18	52	27	0	0	0	0
20	0	0	0	0	0	17	53	27	0	0	0	0
21	0	0	0	0	0	18	52	27	0	0	0	0
22	0	0	0	0	0	17	53	27	0	0	0	0
23	0	0	0	0	0	29	53	27	0	0	0	0
24	0	0	0	0	0	37	53	27	0	0	0	0
25	0	0	0	0	0	36	53	27	0	0	0	0
26	0	0	0	0	0	34	52	27	0	0	0	0
27	0	0	0	0	0	36	52	27	0	0	0	0
28	0	0	0	0	0	38	53	27	0	0	0	0
29	0	-	0	0	0	31	52	9	0	0	0	0
30	0	-	0	0	0	34	52	0	0	0	0	0
31	0	-	0	-	0	-	36	0	-	0	-	0
TOTAL	0	0	0	0	0	855	1,549	769	68	0	0	0
MAXIMUM DAY	0	0	0	0	0	38	66	30	17	0	0	0
MINIMUM DAY	0	0	0	0	0	17	26	0	0	0	0	0
MEAN	0	0	0	0	0	29	50	25	2	0	0	0
TOTAL AC. FT.	0	0	0	0	0	1,696	3,072	1,525	135	0	0	0

WHOLE YEAR:- TOTAL, 3,241 MAX., 66 MIN., 0 MEAN, 9 TOTAL AC.FT., 6,428

DISCHARGE IN CUBIC FEET PER SECOND

Cross Valley Canal - Turnout #1 to Kern River Channel
(As reported by Kern County Water Agency)

Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 0 MAX., 0 MIN., 0 MEAN, 0 TOTAL AC.FT., 0

Cross Valley Canal - Turnout #2 to Kern River Channel

DISCHARGE IN CUBIC FEET PER SECOND (As reported by Kern County Water Agency) Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 0 MAX., 0 MIN., 0 MEAN, 0 TOTAL AC.FT., 0

DISCHARGE IN CUBIC FEET PER SECOND

Cross Valley Canal - Turnout #3 to Kern River Channel
(As reported by Kern County Water Agency)

Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 0 MAX., 0 MIN., 0 MEAN, 0 TOTAL AC.FT., 0

Cross Valley Canal - Turnout #4 to Kern River Channel

DISCHARGE IN CUBIC FEET PER SECOND (As reported by Kern County Water Agency) Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 0 MAX., 0 MIN., 0 MEAN, 0 TOTAL AC.FT., 0

NORTH KERN WATER STORAGE DISTRICT

NORTH KERN WATER STORAGE DISTRICT

Quantities in acre-feet

Year: 2015

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
NKWSD River Entitlement	+	0	55	0	0	0	0	0	0	0	0	0	1,298	1,353
Release	+ or -	1,977	935	800	0	0	20	0	0	0	0	4,236	7,336	15,304
ENTITLEMENT + OR - RELEASE	=	**1,977**	**990**	**800**	**0**	**0**	**20**	**0**	**0**	**0**	**0**	**4,236**	**8,634**	**16,657**
From KRC & Irr. Company	+	0	0	0	0	0	0	0	0	0	0	0	35	35
From City of Bakersfield	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From Isabella Reservoir Storage	+	177	107	153	0	0	1,801	1,472	157	0	0	197	149	4,213
From Improvement District No. 4	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From Buena Vista WSD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
From Kern Delta WD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
To City of Bakersfield	-	0	0	0	0	0	0	0	0	0	0	0	0	0
To Improvement District #4	-	0	32	0	0	0	0	0	0	0	0	0	0	32
To Cawelo WD	-	0	0	0	0	0	0	0	0	0	0	0	0	0
To Kern Delta WD	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Into Isabella Reservoir Storage	-	510	208	154	0	0	0	0	0	0	0	805	2,428	4,105
Other	+ or -	0	0	0	38	0	0	0	0	123	0	0	6	167
TOTAL DIVERTED FROM RIVER	=	**1,644**	**857**	**799**	**38**	**0**	**1,821**	**1,472**	**157**	**123**	**0**	**3,628**	**6,397**	**16,936**
Loss to Seventh Standard Line	-	22	30	18	10	0	60	61	12	0	0	54	50	317
NKWSD Deep Well Production	+	1,636	4,706	11,478	12,405	15,503	15,227	12,934	11,665	11,804	11,772	922	544	110,596
Non-District Deep Well Production	+	0	26	337	6,073	6,016	6,770	7,563	5,827	2,632	226	8	0	35,478
Poso Creek Natural Flow	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Friant-Kern Inflow to Poso Creek	+	0	0	0	0	0	0	0	0	0	0	0	0	0
CRC Produced Water	+	0	0	0	0	0	0	0	0	462	686	663	426	2,237
Cawelo to NKWSD	+	0	0	0	171	173	173	1,041	139	0	0	0	0	1,697
Semitropic WSD to NKWSD via FK/8-1	+	0	0	0	0	0	0	0	0	64	0	0	0	64
Rosedale Ranch Improvement District	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Semitropic WSD via Poso Creek	-	0	0	0	0	0	0	0	0	0	0	0	0	0
CVC Conduit "A" Inflow	+	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DISTRICT SUPPLY	=	**3,258**	**5,559**	**12,596**	**18,677**	**21,692**	**23,931**	**22,949**	**17,776**	**15,085**	**12,684**	**5,167**	**7,317**	**166,691**
Class 1 Irrigation Deliveries	+	173	1,600	5,407	8,493	11,286	11,865	12,143	9,437	7,944	6,198	1,531	181	76,258
Class 2 Irrigation Deliveries	+	107	952	3,195	4,449	5,599	6,724	5,304	4,290	3,717	3,174	944	42	38,497
NKWSD to K-T via FK Irrigation Deliveries	+	0	0	0	460	777	826	772	658	435	0	0	0	3,928
NKWSD to DEID via FK Irrigation Deliveries	+	1,209	130	0	0	0	0	0	0	428	192	0	0	1,959
Shafter-Wasco ID Irrigation Deliveries	+	18	436	186	145	191	295	294	564	304	200	208	208	3,049
OMW to K-Tulare	-	0	0	0	0	0	0	0	0	0	0	0	0	0
OMW to Cawelo	-	0	0	0	0	0	0	0	210	0	0	0	0	210
Westside Districts via FK-CVC	-	0	0	0	0	0	0	0	0	475	801	0	182	1,458
Cawelo to NKWSD to Paramount	-	0	0	0	0	0	0	1,035	139	0	0	0	0	1,174
NKWSD to Cawelo	-	345	345	205	0	0	0	0	0	0	0	0	0	895
Shafter-Wasco ID to NKWSD	+	0	0	0	46	45	42	0	38	64	6	4	4	249
Friant-Kern Canal Pump-In Deliveries	+	0	0	824	0	0	0	0	0	0	0	0	0	824
TOTAL IRRIGATION USE	=	**1,162**	**2,773**	**9,407**	**13,593**	**17,898**	**19,752**	**18,513**	**14,638**	**12,417**	**8,969**	**2,687**	**253**	**122,062**
District Spreading Ponds (Kern)	+	1,035	0	0	0	0	0	0	0	0	0	0	4,052	5,087
District Spreading Ponds (Other)	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Poso Creek Spreading (Kern)	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Poso Creek Spreading (Other)	+	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DISTRICT SPREADING	=	**1,035**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4,052**	**5,087**
TOTAL DISTRICT USE		**2,197**	**2,773**	**9,407**	**13,593**	**17,898**	**19,752**	**18,513**	**14,638**	**12,417**	**8,969**	**2,687**	**4,305**	**127,149**
Total NKWSD Canal Loss		1,061	2,786	3,189	5,084	3,794	4,179	4,436	3,138	2,668	3,715	2,480	3,012	39,542

Into Reservoir Storage		510	208	154	0	0	0	0	0	0	0	805	2,428	4,105
Reservoir Evaporation Loss		111	126	184	230	292	343	236	53	0	0	75	104	1,754
From Reservoir Storage		177	107	153	0	0	1,801	1,472	157	0	0	197	149	4,213
END OF MONTH RESERVOIR STORAGE		**4,792**	**4,767**	**4,584**	**4,354**	**4,062**	**1,918**	**210**	**0**	**0**	**0**	**533**	**2,708**	

DISCHARGE IN CUBIC FEET PER SECOND

Total Flow via the Beardsley Canal
(At Head of Lined Section)

Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	120	56	90	5	5	25	26	5	5	0	0	0
2	115	5	89	4	5	25	29	4	4	0	0	0
3	115	0	63	5	4	25	30	5	5	0	0	0
4	88	13	41	4	5	25	31	5	4	0	39	0
5	0	0	15	5	5	24	30	4	5	0	47	0
6	0	0	20	4	4	24	30	5	4	0	45	0
7	0	14	33	5	5	26	31	5	5	0	43	21
8	0	21	48	4	5	35	30	4	0	0	42	99
9	0	0	49	5	4	25	31	5	0	0	42	101
10	0	0	6	4	5	25	30	4	0	0	62	106
11	0	6	5	5	5	24	31	5	0	0	76	113
12	0	23	6	4	4	20	32	5	18	0	73	112
13	0	4	16	5	5	21	31	5	19	0	72	112
14	0	0	6	5	4	23	32	4	16	0	72	112
15	0	0	6	5	0	25	30	10	10	0	75	113
16	0	0	5	5	0	25	31	5	9	0	80	112
17	0	0	5	4	0	25	30	20	5	0	70	120
18	0	0	7	5	0	25	31	13	5	0	67	135
19	0	0	6	4	5	26	32	23	0	0	66	153
20	0	0	6	5	4	33	30	24	0	0	64	137
21	0	21	5	4	5	101	21	17	0	0	65	141
22	0	27	5	5	4	95	20	5	0	0	65	201
23	0	45	5	4	5	28	21	4	0	0	65	222
24	0	52	8	5	4	26	20	5	0	0	83	164
25	32	49	6	5	5	34	19	4	0	0	84	142
26	43	61	6	4	4	26	20	4	0	0	85	126
27	63	36	8	5	5	26	26	5	0	0	86	140
28	72	70	5	4	4	25	27	5	0	0	86	144
29	83	-	9	4	5	26	25	4	0	0	87	138
30	51	-	8	5	4	25	26	4	0	0	88	143
31	49	-	5	-	5	-	27	5	-	0	-	136
TOTAL	831	503	592	137	124	918	860	222	114	0	1,829	3,243
MAXIMUM DAY	120	70	90	5	5	101	32	24	19	0	88	222
MINIMUM DAY	0	0	5	4	0	20	19	4	0	0	0	0
MEAN	27	18	19	5	4	31	28	7	4	0	61	105
TOTAL AC. FT.	1,648	998	1,174	272	246	1,821	1,706	440	226	0	3,628	6,432

WHOLE YEAR:- TOTAL, 9,373 MAX., 222 MIN., 0 MEAN, 26 TOTAL AC.FT., 18,591

NORTH KERN WATER STORAGE DISTRICT

BEARDSLEY CANAL OPERATIONS

Quantities in acre-feet

Year: 2015

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River	+	1,648	998	1,174	272	246	1,821	1,706	440	226	0	3,628	6,432	18,591
Well Water Exchange Supply	+	0	0	0	38	204	230	234	274	202	0	0	0	1,182
C.V.C. Conduit "A"	+	0	0	0	0	0	1,696	3,072	1,525	135	0	0	0	6,428
+ TOTAL BEARDSLEY CANAL SUPPLY	=	**1,648**	**998**	**1,174**	**310**	**450**	**3,747**	**5,012**	**2,239**	**563**	**0**	**3,628**	**6,432**	**26,201**
ID4 via C.V.C. Conduit "A" (Reverse Flow)	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Lined Section Loss	+	0	0	0	0	0	0	0	0	0	0	0	0	0
- Improvement District No. 4 Diverted	=	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern River Supply		0	0	0	0	0	0	0	0	0	0	0	0	0
KRC & Irr. Co. # 1 Lateral (Total Flow)	+	0	0	0	0	0	0	0	0	0	0	0	0	0
KRC & Irr. Co. # 4 Lateral	+	0	89	240	212	192	0	184	222	32	0	0	0	1,171
KRC & Irr. Co. # 5 Lateral	+	0	0	0	0	0	0	0	0	49	0	0	0	49
KRC & Irr. Co. Bidart Boosters	+	2	34	74	0	0	0	0	0	0	0	0	0	110
KRC & Irr. Co. via 1-0-20	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Lined Section Loss	+	2	18	61	60	54	0	50	61	22	0	0	0	328
- TOTAL KRC & IRR. CO. DIVERTED	=	**4**	**141**	**375**	**272**	**246**	**0**	**234**	**283**	**103**	**0**	**0**	**0**	**1,658**
Kern River Supply	-	4	141	375	272	246	0	234	283	103	0	0	0	1,658
C.V.C. Conduit "A" Supply	=	0	0	0	0	0	0	0	0	0	0	0	0	0
Cawelo WD via Pump Station "B"	+	0	0	0	0	152	1,779	2,011	1,450	327	0	0	0	5,719
Cawelo WD Lerdo Turnout Deliveries	+	0	0	0	0	0	85	193	292	0	0	0	0	570
Cawelo WD via Pump Station "D"	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Lined Section Loss	+	0	0	0	0	52	60	61	57	10	0	0	0	240
Lerdo Canal Loss	+	0	0	0	0	0	2	0	0	0	0	0	0	2
- TOTAL CAWELO WD DIVERTED	=	**0**	**0**	**0**	**0**	**204**	**1,926**	**2,265**	**1,799**	**337**	**0**	**0**	**0**	**6,531**
Kern River Supply	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Well Water Exchange Supply	-	0	0	0	0	0	230	234	274	202	0	0	0	940
Nickel Well Water Supply	-	0	0	0	0	0	0	0	0	0	0	0	0	0
C.V.C. Conduit "A" Supply	=	0	0	0	0	0	1,696	3,072	1,525	135	0	0	0	6,428
- Rosedale Ranch ID Diverted	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern River Supply	-	0	0	0	0	0	0	0	0	0	0	0	0	0
C.V.C. Conduit "A" Supply	=	0	0	0	0	0	0	0	0	0	0	0	0	0
- KRC & Irr. Co. Diverted		0	0	0	0	0	0	0	0	0	0	0	0	0
- Kern-Tulare WD Diverted		0	0	0	0	0	0	0	0	0	0	0	0	0
- Lined Section Loss: NKWSD	+	22	30	18	10	0	60	61	12	0	0	54	50	317
= NKWSD FROM LERDO CANAL	+	**1,622**	**827**	**781**	**28**	**0**	**1,761**	**2,452**	**145**	**123**	**0**	**3,574**	**6,382**	**17,695**
Kern River Supply	-	1,622	827	781	0	0	1,761	1,472	145	123	0	3,628	6,382	16,741
Well Water Exchange Supply	-	0	0	0	28	0	0	0	0	0	0	0	0	28
C.V.C. Conduit "A" Supply	=	0	0	0	0	0	0	0	0	0	0	0	0	0

DISCHARGE IN CUBIC FEET PER SECOND

Lerdo Canal at Seventh Standard Line (Total Flow)

Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	116	53	84	0	0	48	81	29	0	0	0	0
2	112	0	82	0	0	63	89	30	0	0	0	0
3	112	0	57	0	0	62	92	28	9	0	0	0
4	85	10	34	3	0	61	91	29	15	0	38	0
5	0	0	7	3	0	61	90	29	15	0	46	0
6	0	0	12	3	0	61	91	29	15	0	44	0
7	0	11	26	3	0	63	90	29	4	0	42	20
8	0	18	41	2	0	71	90	28	0	0	41	98
9	0	0	42	0	0	61	88	29	0	0	41	100
10	0	0	0	0	0	61	54	29	0	0	61	105
11	0	3	0	0	0	60	54	29	0	0	75	112
12	0	15	0	0	0	42	57	29	15	0	72	111
13	0	1	0	0	0	42	57	29	16	0	71	111
14	0	0	0	0	0	44	67	32	13	0	71	111
15	0	0	0	0	0	44	64	35	3	0	74	112
16	0	0	0	0	0	43	66	28	2	0	79	111
17	0	0	0	0	0	44	76	45	0	0	69	119
18	0	0	0	0	0	43	82	37	0	0	66	134
19	0	0	0	0	0	45	81	47	0	0	65	152
20	0	0	0	0	0	51	80	48	0	0	63	136
21	0	16	0	0	0	120	73	41	0	0	64	140
22	0	24	0	0	0	113	74	29	0	0	64	200
23	0	38	0	0	0	57	74	29	0	0	64	221
24	0	43	0	0	0	62	74	29	0	0	82	163
25	29	36	0	0	0	71	73	29	0	0	83	141
26	40	48	0	0	0	61	73	29	0	0	84	125
27	60	22	0	0	0	63	75	29	0	0	85	139
28	69	57	0	0	0	64	76	29	0	0	85	143
29	80	-	0	0	0	58	74	8	0	0	86	137
30	48	-	0	0	0	60	75	0	0	0	87	142
31	46	-	0	-	0	-	60	0	-	0	-	135
TOTAL	797	395	385	14	0	1,799	2,341	900	107	0	1,802	3,218
MAXIMUM DAY	116	57	84	3	0	120	92	48	16	0	87	221
MINIMUM DAY	0	0	0	0	0	42	54	0	0	0	0	0
MEAN	26	14	12	0	0	60	76	29	4	0	60	104
TOTAL AC. FT.	1,581	783	764	28	0	3,568	4,643	1,785	212	0	3,574	6,383

WHOLE YEAR:- TOTAL, 11,758 MAX., 221 MIN., 0 MEAN, 32 TOTAL AC.FT., 23,321

NORTH KERN WATER STORAGE DISTRICT
LERDO CANAL OPERATIONS

Quantities in acre-feet

Year: 2015

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Total Beardsley Canal Supply	+	**1,648**	**998**	**1,174**	**310**	**450**	**3,747**	**5,012**	**2,239**	**563**	**0**	**3,628**	**6,432**	**26,201**
+ C.V.C. Conduit "A" Reverse Flow		0	0	0	0	0	0	0	0	0	0	0	0	0
+ Lined Section Loss: ID4		0	0	0	0	0	0	0	0	0	0	0	0	0
= ID4 from Beardsley	-	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
+ KRC & Irr. Co. Laterals		0	89	240	212	192	0	184	222	81	0	0	0	1,220
+ KRC & Irr. Co. Boosters		2	34	74	0	0	0	0	0	0	0	0	0	110
+ Lined Section Loss: KRC & Irr. Co.		2	18	61	60	54	0	50	61	22	0	0	0	328
= KRC & Irr. Co. from Beardsley	-	**4**	**141**	**375**	**272**	**246**	**0**	**234**	**283**	**103**	**0**	**0**	**0**	**1,658**
Rosedale Ranch ID via 1-1-0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
KCWA-ID4 via 1-1-0 Lateral	-	0	0	0	0	0	0	0	0	0	0	0	0	0
North Kern WSD via 1-1-0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Lined Section Loss: Cawelo WD	-	0	0	0	0	52	60	61	57	10	0	0	0	240
Lined Section Loss: NKWSD	-	22	30	18	10	0	60	61	12	0	0	54	50	317
Lerdo Canal Total Flow	=	**1,622**	**827**	**781**	**28**	**152**	**3,627**	**4,656**	**1,887**	**450**	**0**	**3,574**	**6,382**	**23,986**
KRC & Irr. Co. via 8-1-0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Cawelo WD Well Water Via NKWSD	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale Ranch ID via Lerdo	-	0	0	0	0	0	0	0	0	0	0	0	0	0
K-TWD via 8-17-0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
C.V.C. Conduit "A"	+	0	0	0	0	0	1,696	3,072	1,525	135	0	0	0	6,428
Cawelo WD Well Water Inflow	+	0	0	0	0	0	230	234	274	202	0	0	0	940
+ Cawelo WD Via NKWSD		0	0	0	0	0	0	0	0	0	0	0	0	0
+ Cawelo WD Delivered at Sta. "B"		0	0	0	0	152	1,779	2,011	1,450	327	0	0	0	5,719
+ Cawelo WD Lerdo Turnouts		0	0	0	0	0	85	193	292	0	0	0	0	570
+ Cawelo WD Delivered at Sta. "D"		0	0	0	0	0	0	1,041	0	0	0	0	0	1,041
+ Lerdo Loss: to Station "B"		0	0	0	0	0	2	0	0	0	0	0	0	2
+ Lerdo Loss: Lerdo Turnout Deliveries		0	0	0	0	0	0	0	0	0	0	0	0	0
+ Lerdo Loss: to Station "D"		0	0	0	0	0	0	0	0	0	0	0	0	0
= Cawelo WD Total from Lerdo	-	**0**	**0**	**0**	**0**	**152**	**1,866**	**3,245**	**1,742**	**327**	**0**	**0**	**0**	**7,332**
North Kern WSD from Lerdo	=	**1,622**	**827**	**781**	**28**	**0**	**1,761**	**1,411**	**145**	**123**	**0**	**3,574**	**6,382**	**16,654**

DISCHARGE IN CUBIC FEET PER SECOND | Total Flow via the Calloway Canal Headgate | Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 0 MAX., 0 MIN., 0 MEAN, 0 TOTAL AC.FT., 0

NORTH KERN WATER STORAGE DISTRICT

CALLOWAY CANAL OPERATIONS

Quantities in acre-feet

Year: 2015

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
FLOW AT HEADWORKS	+	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
KCWA Armco Turnout	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Seepage Loss	-	0	0	0	0	0	0	0	0	0	0	0	0	0
FLOW AT MEASURING STATION	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
CVC Turnout to Calloway	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Seepage Loss	-	0	0	0	0	0	0	0	0	0	0	0	0	0
FLOW AT BUCK OWENS WEIR	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Friant-Kern Inflow	+	0	0	0	0	0	0	0	0	0	0	0	0	0
KRC & Irr. Co. 1-1-0 Inflow	+	0	0	0	0	0	0	0	0	0	0	0	0	0
KRC & Irr. Co. Calloway Delivery	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Seepage Loss	-	0	0	0	0	0	0	0	0	0	0	0	0	0
FLOW AT OLIVE DRIVE WEIR	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
KRC & Irr. Co. Calloway Delivery	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale Ranch ID at Headworks	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Seepage Loss	-	0	0	0	0	0	0	0	0	0	0	0	0	0
9-7 Inflow	+	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD 8-1-0 Inflow	+/-	0	0	0	0	0	0	0	0	0	0	0	0	0
FLOW AT SEVENTH STANDARD LINE	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
for Rosedale Ranch ID	-	0	0	0	0	0	0	0	0	0	0	0	0	0
for North Kern WSD	=	0	0	0	0	0	0	0	0	0	0	0	0	0
KERN COUNTY WATER AGENCY / ID4:														
Operating Loss	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Turnout #4 to River	+	0	0	0	0	0	0	0	0	0	0	0	0	0
ID4 Treatment Plant	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Cross Valley Canal Filling Losses	+	0	0	0	0	0	0	0	0	0	0	0	0	0
CVC Backflow (Net)	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Spreading Below Measuring Station	+	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIVERTED	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
KERN RIVER CANAL & IRRIGATING CO.:														
Calloway Irrigation Deliveries	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Delivery Loss/ Spreading	+	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIVERTED	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
ROSEDALE RANCH ID:														
Flow at Headworks	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Flow at Seventh Standard Line	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Assigned Loss	+	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIVERTED	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
NORTH KERN WATER STORAGE DISTRICT:														
Flow at Seventh Standard Line	+	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Loss	+	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIVERTED	=	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

DISCHARGE IN CUBIC FEET PER SECOND | Total Diverted to Rosedale Ranch Improvement District | Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 0 MAX., 0 MIN., 0 MEAN, 0 TOTAL AC.FT., 0

ROSEDALE RANCH IMPROVEMENT DISTRICT

Quantities in acre-feet

Year: 2015

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
TOTAL DIVERTED	+	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
RRID at Headgate	-	0	0	0	0	0	0	0	0	0	0	0	0	0
RRID via NKWSD 5-7 Lateral	-	0	0	0	0	0	0	0	0	0	0	0	0	0
RRID via NKWSD 9-7 @ Head	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Upstream Diversion Loss	=	0	0	0	0	0	0	0	0	0	0	0	0	0
IRRIGATION DELIVERIES	+	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
City of Bakersfield Miscellaneous	-	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Bakersfield Non-Kern River	-	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD Kern River Exchange	-	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD Non-Kern River	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Mandatory Release	=	0	0	0	0	0	0	0	0	0	0	0	0	0
LOSS & SPREADING	+	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
City of Bakersfield Miscellaneous	-	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Bakersfield Non-Kern River	-	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD Kern River Exchange	-	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD Non-Kern River	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Mandatory Release	=	0	0	0	0	0	0	0	0	0	0	0	0	0
RECHARGE PURCHASE PROGRAM	+	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
City of Bakersfield Miscellaneous	-	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Bakersfield Non-Kern River	=	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD/RRID EXCHANGE STATUS														
RRID to NKWSD	+	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD to RRID	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Exchange Balance	=	**(7,680)**	**(7,680)**	**(7,680)**	**(7,680)**	**(7,680)**	**(7,680)**	**(7,680)**	**(7,680)**	**(7,680)**	**(7,680)**	**(7,680)**	**(7,680)**	

North Kern Water Storage District

DISCHARGE IN CUBIC FEET PER SECOND — Class 1 Irrigation Deliveries — Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6	7	0	151	191	205	244	143	161	198	10	10
2	0	10	43	205	195	177	214	134	182	145	36	1
3	2	20	54	170	144	228	193	171	140	133	28	0
4	2	42	99	117	197	192	196	150	151	53	26	0
5	0	34	79	8	147	214	187	160	154	157	21	2
6	0	24	79	121	216	175	196	168	83	162	40	0
7	0	16	51	166	192	189	194	162	154	110	25	0
8	0	15	2	138	227	173	219	195	135	133	0	0
9	0	31	71	118	234	167	206	120	164	47	20	0
10	0	39	68	142	139	163	202	100	117	63	30	0
11	0	30	137	135	130	169	204	132	177	15	83	0
12	0	73	131	119	167	247	125	190	192	126	75	0
13	0	35	123	153	181	277	189	127	93	144	65	0
14	0	15	68	136	202	179	191	188	147	109	38	0
15	0	5	11	126	160	177	183	180	127	146	4	0
16	2	11	84	144	172	199	234	84	115	131	7	5
17	0	26	139	156	86	234	219	113	127	69	3	0
18	0	60	162	149	136	271	203	192	148	0	14	0
19	0	54	111	122	195	249	205	220	116	92	22	0
20	0	48	54	139	225	242	218	178	41	111	19	0
21	7	36	30	124	182	120	250	201	86	129	18	0
22	7	6	7	154	187	185	146	135	123	97	8	0
23	7	26	145	162	199	204	206	118	156	51	31	0
24	7	28	170	182	154	280	202	189	179	47	31	0
25	0	28	240	171	189	153	173	184	161	5	21	0
26	0	29	166	127	218	172	158	157	113	86	5	0
27	2	41	162	155	243	192	170	128	45	125	41	15
28	10	18	81	117	220	140	202	158	98	133	39	15
29	10	-	29	181	191	191	211	171	146	133	6	15
30	13	-	55	194	214	218	195	34	174	115	6	14
31	12	-	75	-	157	-	187	176	-	60	-	14
TOTAL	87	807	2,726	4,282	5,690	5,982	6,122	4,758	4,005	3,125	772	91
MAXIMUM DAY	13	73	240	205	243	280	250	220	192	198	83	15
MINIMUM DAY	0	5	0	8	86	120	125	34	41	0	0	0
MEAN	3	29	88	143	184	199	197	153	134	101	26	3
TOTAL AC. FT.	173	1,600	5,407	8,493	11,286	11,865	12,143	9,437	7,944	6,198	1,531	181

WHOLE YEAR:- TOTAL, 38,447 MAX., 280 MIN., 0 MEAN, 105 TOTAL AC.FT., 76,258

North Kern Water Storage District

DISCHARGE IN CUBIC FEET PER SECOND — Class 2 Irrigation Deliveries — Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	3	5	76	88	118	75	100	50	94	6	12
2	0	7	16	74	93	92	75	46	51	51	16	4
3	0	8	21	55	35	92	92	82	74	35	19	0
4	0	8	32	31	61	83	68	67	80	24	26	0
5	0	2	69	3	84	92	46	76	102	68	28	0
6	0	6	52	65	84	105	94	83	25	78	12	0
7	0	6	34	73	93	74	81	72	26	136	16	0
8	0	4	13	88	94	92	72	61	57	114	0	0
9	0	17	64	117	102	88	90	19	76	21	11	0
10	0	16	64	95	87	146	111	72	102	30	28	0
11	0	14	61	78	97	150	81	75	120	2	25	0
12	0	25	74	40	106	128	128	89	83	64	69	0
13	0	19	38	50	81	119	87	107	41	68	36	0
14	0	12	17	40	86	119	85	93	26	80	33	0
15	0	3	14	49	104	122	80	80	62	109	6	0
16	0	13	61	56	97	108	103	45	70	94	3	0
17	0	24	102	90	62	102	85	47	79	53	4	3
18	0	33	98	83	85	117	90	87	92	0	17	0
19	0	23	76	55	85	140	71	119	86	50	18	0
20	0	19	34	97	108	162	78	107	33	26	20	0
21	0	20	24	91	139	115	87	73	61	45	15	0
22	0	7	20	105	109	129	73	49	60	42	5	0
23	1	27	55	105	87	122	89	86	77	34	0	0
24	5	38	73	122	40	120	91	83	55	13	1	0
25	6	41	60	87	108	101	101	73	55	6	5	0
26	7	34	70	58	135	105	80	84	45	50	0	0
27	5	27	96	81	121	140	110	69	40	53	13	0
28	7	24	109	92	117	111	94	14	27	67	18	2
29	5	-	49	92	83	105	96	20	44	38	13	0
30	7	-	44	95	91	93	82	14	75	34	13	0
31	11	-	66	-	61	-	79	71	-	21	-	0
TOTAL	54	480	1,611	2,243	2,823	3,390	2,674	2,163	1,874	1,600	476	21
MAXIMUM DAY	11	41	109	122	139	162	128	119	120	136	69	12
MINIMUM DAY	0	2	5	3	35	74	46	14	25	0	0	0
MEAN	2	17	52	75	91	113	86	70	62	52	16	1
TOTAL AC. FT.	107	952	3,195	4,449	5,599	6,724	5,304	4,290	3,717	3,174	944	42

WHOLE YEAR:- TOTAL, 19,409 MAX., 162 MIN., 0 MEAN, 53 TOTAL AC.FT., 38,497

NORTH KERN WATER STORAGE DISTRICT

IMPROVEMENT DISTRICT NO. 4

WATER EXCHANGE RECAPITULATION

As Reported by North Kern Water Storage District

(Subject to Revision)

Quantities in acre-feet

Year: 2015

	CATEGORY "A"		WKWD Portion of CATEGORY "A"		CATEGORY "B"		2006 "HACIENDA" EXCHANGE		2010 "HACIENDA" EXCHANGE	
	to 1)	from	to	from	to	from	to 1)	from	to	from 3)
Prior Year Status	0	15,509	0	0	0	0	0	0	0	0
January	0	0	0	0	0	0	0	0	0	0
February	32	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0
December										
Total	32	0	0	0	0	0	0	0	0	0
Current Status	0	15,477	0	0	0	0	0	0	0	0

1) Includes Isabella Reservoir evaporation loss attributable to exchange supply held within NKWSD Isabella Reservoir storage when applicable.

NORTH KERN WATER STORAGE DISTRICT
STATUS OF EXCHANGE

As Reported by North Kern Water Storage District

(subject to revision)

Quantities in acre-feet

Year: 2015

	Mardera Valley LLC		NICKEL LLC		CAWELO WD		IMPROVEMENT DISTRICT 4 CAT "A"		IMPROVEMENT DISTRICT 4 CAT "B"		KERN-TULARE WD		ROSEDALE RANCH ID		SUN WORLD		PARAMOUNT FARMING CO.		SEMITROPIC WSD		SHAFTER-WASCO ID		POSO LLC		WEST KERN WD		WESTLANDS WD		WESTSIDE DISTRICTS		DELANO-EARLIMART ID		EXCHANGE TOTALS	
	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from	to	from
Prior Year Status	0	0	0	0	0	(3,306)	0	15,509	0	0	0	16,000	7,680	0	0	0	0	29,292	0	24,180	0	11,214	0	0	0	5,375	0	0	0	1,493	0	31,776	7,680	131,533
January	0	0	0	0	345	774	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	4	0	0	0	0	0	0	0	0	1,209	0	1,572	778
February	0	0	0	0	162	0	32	0	0	0	0	0	0	0	0	0	0	0	612	612	1,097	661	0	0	0	0	0	0	612	0	130	0	2,645	1,273
March	0	0	0	0	205	0	0	0	0	0	824	0	0	0	0	0	0	0	535	535	722	535	0	0	0	0	0	0	535	0	0	0	2,821	1,070
April	0	0	0	0	0	171	0	0	0	0	460	0	0	0	0	0	0	0	0	0	165	46	0	0	0	0	0	0	0	0	0	0	625	217
May	0	0	0	0	0	173	0	0	0	0	777	0	0	0	0	0	0	0	0	0	191	45	0	0	0	0	0	0	0	0	0	0	968	218
June	0	0	0	0	0	0	0	0	0	0	826	0	0	0	0	0	0	0	0	0	338	42	0	0	0	0	0	0	0	0	0	0	1,164	42
July	0	0	0	0	0	0	0	0	0	0	771	0	0	0	0	0	0	0	0	0	673	0	0	0	0	0	0	0	0	0	0	0	1,444	0
August	0	0	0	0	0	0	0	0	0	0	907	0	0	0	0	0	0	0	0	0	315	38	0	0	0	0	0	0	0	0	0	0	1,222	38
September	0	0	0	0	0	0	0	0	0	0	435	0	0	0	0	0	0	0	0	0	303	64	0	0	0	0	0	0	447	0	428	0	1,613	64
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	508	508	708	514	0	0	0	0	0	0	765	0	286	0	2,267	1,022
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90	90	220	95	0	0	0	0	0	0	0	0	0	0	310	185
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	182	0	0	0	182	0
Total	0	0	0	0	712	1,118	32	0	0	0	5,000	0	0	0	0	0	0	0	1,745	1,745	4,750	2,044	0	0	0	0	0	0	2,541	0	2,053	0	16,259	4,907
	Loss 0																												574		Loss 0			
Current Status	0	0	0	0	0	(2,900)	0	15,477	0	0	0	11,000	0	0	0	0	0	29,292	0	24,180	0	8,508	0	0	0	5,375	0	0	1,048	574	0	29,723	0	120,181

NORTH KERN WATER STORAGE DISTRICT

IMPROVEMENT DISTRICT NO. 4 WATER EXCHANGE SUMMARY

Status as of 12-31-2015 (*Subject to Revision*)

Quantities in acre-feet

Pursuant to North Kern WSD/Improvement District #4 Accounting Agreement Dated March 1, 1995

CATEGORY "A"				CATEGORY "B"				
Date	*NKWSD to ID4*	*ID4 to NKWSD*	*Cumulative Exchange Balance*	*Date*	*NKWSD to ID4*	*ID4 to NKWSD*	*Cumulative Exchange Balance*	*Overall Exchange Balance*
1988	12,163	7,796	4,367	1988	0	0	0	4,367
1989	0	0	4,367	1989	0	0	0	4,367
1990	0	1,630	2,737	1990	0	0	0	2,737
1991	0	261	2,476	1991	395	0	395	2,871
1992	0	0	2,476	1992	0	0	395	2,871
1993	12,557	9,434	5,599	1993	0	0	395	5,994
1994	0	0	5,599	1994	0	0	395	5,994
1995	0	8,635	(3,036)	1995	0	0	395	(2,641)
1996	0	0	(3,036)	1996	0	0	395	(2,641)
1997	3,882	0	846	1997	0	0	395	1,241
1998	4,323	0	5,169	1998	0	0	395	5,564
1999	3,748	64,000	(55,083)	1999	0	0	395	(54,688)
2000	4,629	10,000	(60,454)	2000	14,240	11,921	2,714	(57,740)
2001	12,401	0	(48,053)	2001	0	2,714	0	(48,053)
2002	25,110	0	(22,943)	2002	16,491	17,664	(1,173)	(24,116)
2003	12,473	0	(10,470)	2003	1,462	916	(627)	(11,097)
2004	1,995	0	(8,475)	2004	627	0	0	(8,475)
2005	1,840	3,786	(10,421)	2005	11,100	11,100	0	(10,421)
2006	103	20,640	(30,958)	2006	339	879	(540)	(31,498)
2007	3,729	0	(27,229)	2007	0	0	(540)	(27,769)
2008	8,853	0	(18,376)	2008	540	0	0	(18,376)
2009	2,771	10,750	(26,355)	2009	0	0	0	(26,355)
2010	5,184	0	(21,171)	2010	0	0	0	(21,171)
2011	941	0	(20,230)	2011	0	0	0	(20,230)
2012	4,028	0	(16,203)	2012	0	0	0	(16,203)
2013	4,758	4,064	(15,509)	2013	6,055	6,055	0	(15,509)
2014	0	0	(15,509)	2014	698	698	0	(15,509)
2015	32	0	(15,477)	2015	0	0	0	(15,477)
Totals	**125,488**	**140,996**		**Totals**	**51,249**	**51,249**		

CATEGORY "A"

Priority

ID4 Priority 3 with figure of ten (10) years used in balance for use in ID4 "Priority equation D".

Point of Delivery

At any location along Cross Valley Canal provided North Kern WSD pays all incremental transportation costs and losses in the Cross Valley Canal. Incremental cost and losses shall not include fixed costs, overhead, and losses that would have occurred whether or not North Kern's water was being transported.

CATEGORY "B"

Priority

ID4 Priority 2.

Point of Delivery

Beardsley Canal.

Excerpt From Priorities and Principles Governing Utilization of ID4 State Project Entitlement For Exchange Paybacks

Priority 2.

Exchanges with stipulated repayment schedules, repayment upon demand and residual amounts from firm regulated sources.

Priority 3.

Mutually agreeable schedules within specified time periods, however as limited by Priority Equation D below.

Priority Equation D.

Paybacks within Priority 3 shall be allocated in proportion to to time remaining and amount owed. Each exchangor shall be considered equally with others in Priority 3 up to an amount computed by dividing the total amount owed by the number of years remaining in the term. If ID4 is unable to repay amounts owed in the last year of a Priority 3 payback said amounts will be carried over to the following calendar year and thereafter on a year-to-year basis. However, if amounts owed in Priority 3 are available for payback in the last year of a mutually agreeable repayment term and the exchangor declines payback the amounts owed will be extinguished on December 31st of the last year.

Improvement District No. 4 Diverted to North Kern Water Storage District

DISCHARGE IN CUBIC FEET PER SECOND (Does not include deliveries into Isabella Reservoir storage) Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
NET AC. FT.	0	0	0	0	0	0	0	0	0	0	0	0
AC. FT. LOSS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 0 MAX., 0 MIN., 0 MEAN, 0 TOTAL AC.FT., 0

North Kern Water Storage District Diverted to Improvement District No. 4

DISCHARGE IN CUBIC FEET PER SECOND (Does not include deliveries into Isabella Reservoir storage) Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	16	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	16	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	16	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	1	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	32	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 16 MAX., 16 MIN., 0 MEAN, 0 TOTAL AC.FT., 32

North Kern Water Storage District

DISCHARGE IN CUBIC FEET PER SECOND — Exchange Deliveries via/for Shafter-Wasco ID — Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	4	5	0	5	7	4	5	5	0
2	0	0	0	4	4	5	5	6	11	5	5	0
3	0	8	0	2	5	5	5	5	10	5	5	0
4	0	8	0	0	4	5	5	5	4	5	5	0
5	0	8	0	0	5	5	5	7	4	5	5	0
6	0	8	0	2	4	5	5	7	5	5	0	0
7	0	8	0	2	5	5	5	6	10	5	5	0
8	0	8	0	4	4	5	5	2	5	5	5	0
9	0	8	6	5	0	5	5	2	5	0	0	0
10	0	8	6	5	0	5	5	2	5	0	5	0
11	0	9	5	5	0	5	5	4	5	0	4	0
12	0	9	4	5	0	5	5	9	5	0	4	0
13	0	9	4	0	0	5	5	10	5	4	4	0
14	0	9	3	0	0	5	5	10	5	4	4	0
15	0	9	3	0	0	5	5	6	5	4	4	0
16	0	9	7	5	0	5	5	5	5	0	0	0
17	0	9	8	5	0	5	5	5	5	0	0	0
18	0	8	6	5	5	8	5	5	5	0	0	0
19	0	8	3	5	5	7	5	6	5	0	0	0
20	0	8	3	5	5	7	4	6	5	4	0	0
21	0	12	0	0	5	3	4	7	0	5	0	0
22	0	12	0	0	5	2	5	5	0	5	0	0
23	0	9	0	0	5	2	5	5	5	5	0	0
24	0	10	0	0	5	3	0	4	5	0	0	0
25	0	8	6	0	5	6	0	4	5	0	0	0
26	0	9	9	0	5	8	0	5	5	5	0	0
27	9	9	6	0	5	8	0	5	5	5	0	0
28	0	0	3	0	5	7	0	5	5	5	0	0
29	0	-	4	5	5	4	5	0	5	5	0	0
30	0	-	4	5	0	4	5	0	5	5	0	0
31	0	-	4	-	0	-	0	4	-	5	-	0
TOTAL	9	220	94	73	96	149	123	159	153	101	60	0
MAXIMUM DAY	9	12	9	5	5	8	5	10	11	5	5	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	8	3	2	3	5	4	5	5	3	2	0
TOTAL AC. FT.	18	436	186	145	191	295	244	315	304	200	119	0

WHOLE YEAR:- TOTAL, 1,237 MAX., 12 MIN., 0 MEAN, 3 TOTAL AC.FT., 2,453

North Kern Water Storage District

DISCHARGE IN CUBIC FEET PER SECOND — Exchange Deliveries via/for Semitropic WSD — Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	23	0	0	0	0	0	0	0	0	0
3	0	0	23	0	0	0	0	0	0	0	0	0
4	0	0	23	0	0	0	0	0	0	0	0	0
5	0	0	23	0	0	0	0	0	0	0	0	0
6	0	0	24	0	0	0	0	0	0	0	0	0
7	0	0	23	0	0	0	0	0	0	0	0	0
8	0	0	23	0	0	0	0	0	0	0	0	0
9	0	0	23	0	0	0	0	0	0	0	0	0
10	0	0	24	0	0	0	0	0	0	0	0	0
11	0	24	25	0	0	0	0	0	0	0	0	0
12	0	24	26	0	0	0	0	0	0	0	0	0
13	0	24	10	0	0	0	0	0	0	0	0	0
14	0	24	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	24	0	0	0	0	0	0	0	0	0	0
17	0	24	0	0	0	0	0	0	0	0	0	0
18	0	23	0	0	0	0	0	0	0	0	0	0
19	0	23	0	0	0	0	0	0	0	0	0	0
20	0	23	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	24	0	0	0	0	0	0	0	0	0	0
24	0	24	0	0	0	0	0	0	0	0	0	0
25	0	24	0	0	0	0	0	0	0	0	0	0
26	0	24	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	309	270	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	24	26	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	11	9	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	612	536	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 579 MAX., 26 MIN., 0 MEAN, 2 TOTAL AC.FT., 1,148

North Kern Water Storage District

DISCHARGE IN CUBIC FEET PER SECOND

Friant-Kern Canal Pump-In Total Deliveries to NKWSD

Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	0	0	-	0	-	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	0	0

WHOLE YEAR:- TOTAL, 0 MAX., 0 MIN., 0 MEAN, 0 TOTAL AC.FT., 0

WATER EXCHANGE BETWEEN
NORTH KERN WSD and CITY OF BAKERSFIELD
THREE YEAR RECAPITULATION

Quantities in acre-feet

2013	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
NKWSD to CITY	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY to NKWSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Purchase Rate	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY Debit to NKWSD	46,253	46,253	46,253	46,253	46,253	46,253	46,253	46,253	46,253	46,253	46,253	46,253	

2014													
NKWSD to CITY	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY to NKWSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Purchase Rate	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY Debit to NKWSD	46,253	46,253	46,253	46,253	46,253	46,253	46,253	46,253	46,253	46,253	46,253	46,253	

2015													
NKWSD to CITY	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY to NKWSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Purchase Rate	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY Debit to NKWSD	46,253	46,253	46,253	46,253	46,253	46,253	46,253	46,253	46,253	46,253	46,253	46,253	

Long Term Recapitulation

BORROW/PAYBACK WATER EXCHANGE BETWEEN NORTH KERN WSD and CITY OF BAKERSFIELD

Quantities in acre-feet

Year: 2015

YEAR	NKWSD TO CITY	CITY TO NKWSD	END OF YEAR RUNNING BALANCE (City owes NKWSD)
1962	0	0	323 (1)
1963	35,025	24,094 (2)	11,254
1964	16,200	50,649	(23,195)
1965	46,532	11,783	11,554
1966	27,669	43,130	(3,907)
1967	18,836	18,799	(3,870)
1968	50,370	62,220	(15,720)
1969	5,084	0	(10,636)
1970	43,496	57,887	(25,027)
1971	44,186	49,056	(29,897)
1972	16,250	10,157	(23,804)
1973	493	0	(23,311)
1974	0	0	(23,311)
1975	5,585	0	(17,726)
1976	0	0	(17,726)
1977	2,054	0	(15,672)
1978	30,517	0	14,845
1979	0	10,000	4,845
1980	14,765	0	19,610
1981	184	5,318	14,476
1982	10,224	0	24,700
1983	0	0	24,700
1984	10,192	10,000	24,892
1985	9,550	10,000	24,442
1986	5,000	0	29,442
1987	2,448	7,500	24,390
1988	8,379	1,877	30,892
1989	5,848	3,877	32,863
1990	1,552	716	33,699
1991	8,763	985	41,477
1992	3,522	4,276	40,723
1993	24,872	17,292	48,303
1994	3,938	2,981	49,260
1995	7,966	934	56,292
1996	5,669	0	61,961
1997	0	10,000	51,961
1998	0	0	51,961
1999	590	10,000	42,551
2000	6,366	10,000	38,917
2001	4,791	4,549	39,159
2002	2,959	6,333	35,785
2003	6,175	7,869	34,091
2004	3,342	0	37,433
2005	0	0	37,433
2006	2,990	3,021	37,402
2007	7,434	157	44,679
2008	0	0	44,679
2009	0	0	44,679
2010	0	0	44,679
2011	0	0	44,679
2012	1,574	0	46,253
2013	0	0	46,253
2014	0	0	46,253
2015	0	0	46,253

Notes:

(1) Carryover from Buena Vista WSD/North Kern WSD River Program Agreement assumed by Conduit (City) as part of Agreement.

(2) First transaction under NKWSD/Conduit (City) Borrow/Payback Exchange executed in March of 1963.

COST ALLOCATIONS & WATERMASTER SUMMARIES

CARRIER CANAL ABOVE FOUR WEIRS - ALLOCATION
Utilization of Water - Preceding Five Years

Pursuant to Kern Delta Water District/City of Bakersfield Common Use Agreement dated January 1, 1994

Quantities in acre-feet

Year: 2015

	2011	2012	2013	2014	2015	Five Year Total	Allocation Percentage
Carrier Canal at Head	278,841	214,001	153,162	124,212	101,923	872,139	99.95%
Oilfield Discharge	0	0	0	0	0	0	0.00%
Storm Drain Inflow	0	99	137	99	144	479	0.05%
TOTAL CARRIER CANAL FLOW	**278,841**	**214,100**	**153,299**	**124,311**	**102,067**	**872,618**	**100.00%**
Kern Island Canal (1)	154,694	112,651	90,911	81,984	83,192	523,432	59.98%
Eastside Canal	15,789	12,430	15,685	14,441	14,870	73,215	8.39%
Kern Delta WD via Levee #1	47,908	34,598	14,321	17,827	0	114,654	13.14%
KERN DELTA WATER DISTRICT TOTAL	**218,391**	**159,679**	**120,917**	**114,252**	**98,062**	**711,301**	**81.51%**
Via Kern Island Canal	0	0	0	0	0	0	0.00%
Carrier Waste Gate	1,571	24	0	0	0	1,595	0.18%
Kern River Conduit via Levee #1	58,904	54,421	32,320	10,059	4,005	159,709	18.30%
CITY OF BAKERSFIELD TOTAL	**60,475**	**54,445**	**32,320**	**10,059**	**4,005**	**161,304**	**18.49%**

Notes: (1) Includes Carrier Canal initial filling loss when applicable.

CARRIER CANAL BELOW FOUR WEIRS - ALLOCATION

Utilization of Water - Preceding Five Years

Quantities in acre-feet

Year: 2015

	2011	2012	2013	2014	2015	Five Year Total	Allocation Percentage
TOTAL CARRIER CANAL FLOW (1)	**263,429**	**78,489**	**19,368**	**11,995**	**3,956**	**377,237**	**100.00%**
Stine Canal Total Diverted (2)	45,585	9,563	8,656	0	0	63,804	16.91%
Arvin-Edison Turnout Total Diverted (2)	0	0	0	0	0	0	0.00%
Buena Vista Canal Total Diverted (2)	58,147	29,734	4,443	3,569	0	95,893	25.42%
River Canal Total Diverted (3)	0	0	0	0	0	0	0.00%
KERN DELTA WATER DISTRICT TOTAL DIVERTED FROM CARRIER CANAL	**103,732**	**39,297**	**13,099**	**3,569**	**0**	**159,697**	**42.33%**
KERN RIVER CONDUIT (City of Bakersfield)	**159,697**	**39,192**	**6,269**	**8,426**	**3,956**	**217,540**	**57.67%**

Notes: (1) Sum of Carrier Canal flow at Oak Street, Truxtun Lake inflow (CVC water) and River Canal inflow.
(2) Sum of headgate diversion and share of Carrier Canal loss.
(3) Includes diversions to Pioneer Project via River Canal.

CALLOWAY AND BEARDSLEY CANALS

Allocation of Joint Accounts
2015

CALLOWAY CANAL USED

Preceding Ten Years

Year	Diverted via Calloway Canal				
	NKWSD	CITY	Subtotal	ID4	TOTAL
2006	43,729	4,460	48,189	27,597	75,786
2007	80,517	8,006	88,523	21,549	110,072
2008	0	0	0	9,421	9,421
2009	0	0	0	27,709	27,709
2010	0	0	0	26,568	26,568
2011	33,213	15,786	48,999	38,054	87,053
2012	103,780	9,670	113,450	38,676	152,126
2013	5,095	172	5,267	25,273	30,540
2014	166	0	166	8,356	8,522
2015	0	0	0	0	0
Total	266,500	38,094	304,594	223,203	527,797
Percent	**87.49%**	**12.51%**	**100.00%**		

BEARDSLEY CANAL USED

Preceding Five Years

Year	Diverted via Beardsley Canal						
	North Kern Water Storage District			CITY	Subtotal	CWD/Other	TOTAL
	NKWSD	RRID	TOTAL				
2011	233,326	3,598	236,924	9,019	245,943	77,754	323,697
2012	88,201	48	88,249	10,136	98,385	56,628	155,013
2013	15,878	0	15,878	7,368	23,246	22,810	46,056
2014	18,466	0	18,466	5,481	23,947	9,664	33,611
2015	18,012	0	18,012	1,658	19,670	0	19,670
Total	373,883	3,646	377,529	33,662	411,191	166,856	578,047
Percent	**90.93%**	**0.89%**	**91.82%**	**8.18%**	**100.00%**		

IMPROVEMENT DISTRICT NO. 4 USE OF CALLOWAY CANAL
Pursuant to Calloway Canal Agreement dated April 28, 1982

Quantities in acre-feet except where noted...

Year: 2015

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
EASTERN	Operating Loss/Spreading	0	0	0	0	0	0	0	0	0	0	0	0	0
	Treatment Plant	0	0	0	0	0	0	0	0	0	0	0	0	0
	Reverse Flow via Pump Plant #7	0	0	0	0	0	0	0	0	0	0	0	0	0
	CVC Extension Losses	0	0	0	0	0	0	0	0	0	0	0	0	0
	T.O. #4 to River	0	0	0	0	0	0	0	0	0	0	0	0	0
	Loss to Buck Owens Weir	0	0	0	0	0	0	0	0	0	0	0	0	0
	Western Reach Flow	0	0	0	0	0	0	0	0	0	0	0	0	0
	Trans. Charge Waived	0	0	0	0	0	0	0	0	0	0	0	0	0
	SUB-TOTAL DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0
	Base Rate	$0.75	$0.75	$0.75	$0.75	$0.75	$0.75	$0.75	$0.75	$0.75	$0.75	$0.75	$0.75	
	Escalator	1.921	1.921	1.921	1.921	1.921	1.921	1.921	1.921	1.921	1.921	1.921	1.921	
	Current Rate	$1.44	$1.44	$1.44	$1.44	$1.44	$1.44	$1.44	$1.44	$1.44	$1.44	$1.44	$1.44	
	SUB-TOTAL CHARGE	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
WESTERN	Bartell Spreading	0	0	0	0	0	0	0	0	0	0	0	0	0
	Loss Below Buck Owens Weir	0	0	0	0	0	0	0	0	0	0	0	0	0
	NKWSD Exchange Delivery	0	0	0	0	0	0	0	0	0	0	0	0	0
	Trans. Charge Waived	0	0	0	0	0	0	0	0	0	0	0	0	0
	SUB-TOTAL DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0
	Current Rate	$1.44	$1.44	$1.44	$1.44	$1.44	$1.44	$1.44	$1.44	$1.44	$1.44	$1.44	$1.44	
	SUB-TOTAL CHARGE	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
TOTAL CHARGE		**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**

HYDROGRAPHIC SUMMARY

UTILIZATION OF WATER - FIRST POINT GROUP - PRECEDING FIVE YEARS

Quantities in acre-feet

Year: 2015

Canal	2011	2012	2013	2014	2015	Five Year Total	Percentage
Kern Island	154,511	128,682	90,911	81,413	83,158	538,675	31.19%
Eastside	15,789	12,429	15,685	14,441	14,870	73,214	4.24%
Buena Vista	56,748	7,578	4,443	3,569	0	72,338	4.19%
Stine	45,363	9,299	8,656	0	0	63,318	3.67%
Farmers	19,972	4,691	506	0	0	25,169	1.46%
Subtotal Kern Delta WD	**292,383**	**162,679**	**120,201**	**99,423**	**98,028**	**772,714**	**44.75%**
City of Bakersfield	227,654	19,845	26,288	20,784	16,644	311,215	18.02%
K.R.C. & I. Co. (Beardsley)	21,343	10,804	7,368	5,481	0	44,996	2.60%
Central - I.D. #4 (Calloway)	60,898	9,200	3,296	0	0	73,394	4.25%
James	0	0	0	0	0	0	0.00%
Pioneer	0	0	0	0	0	0	0.00%
Subtotal City of Bakersfield	**309,895**	**39,849**	**36,952**	**26,265**	**16,644**	**429,605**	**24.87%**
North Kern WSD	**358,888**	**88,201**	**30,726**	**28,753**	**18,012**	**524,580**	**30.38%**
Total First Point Group	**961,166**	**290,729**	**187,879**	**154,441**	**132,684**	**1,726,899**	**100.00%**
South Fork	569	172	0	0	0		
First Point Passing 2nd Point	1,848	0	0	0	0		
River Loss and Spreading	88,458	22,087	17,937	18,744	1,201		
Flow Above First Point	16,336	15,128	15,183	11,251	10,079		
Total 1st Point Group Diverted	**1,068,377**	**328,116**	**220,999**	**184,436**	**143,964**		

- Note:

ALL FIGURES REFLECT GROSS DIVERSIONS...

KERN RIVER WATERMASTER
ISABELLA RESERVOIR INTER-DISTRICT RENTAL CHARGES

-- Pursuant to paragraph 9e, pages 10 and 11 of
Kern River Water Rights and Storage Agreement,
dated December 31, 1962

COMPUTED YEAR: 2015

Year	Acre-Foot Days of Irrigation Storage			Isabella O&M Charges (2)
	NKWSD (1)	BVWSD	Total A.F.D.	
2011	60,400,699	21,104,961	81,505,660	$304,878
2012	28,279,514	11,870,551	40,150,065	$304,878
2013	10,991,611	5,531,435	16,523,046	$304,878
2014	8,987,502	1,399,041	10,386,543	$304,878
2015	3,017,591	(118,852)	2,898,739	$304,878
5-Year Totals	111,676,917	39,787,136	151,464,053	$1,524,390

- Interest/Rental Charge on Storage Purchase..... $1,143,250
  (Paragraph 9e, pages 10 and 11)

- Total 5-Year Operation & Interest Charge..... $2,667,640

Total 5-Year Cost	=	$2,667,640	=	$0.0176124
Total 5-Year Use		151,464,053		Rental Charge Per Acre-Foot Day

TOTAL 2015 HACIENDA WD Acre-Foot Storage Days = 0

TOTAL 2015 HACIENDA WD Share of 2014 Storage Costs = $0.00

(1) Includes Hacienda Water District Storage when such storage occurs...

(2) $ 32,603 per year through 1973; $ 66,038 per year 1974 through 1978; $ 91,598 per year 1979 through 1983; $159,115 per year 1984 through 1988; $151,324 per year 1989 through 1993; $142,254 per year 1994 through 1998; $390,887 per year 1999 through 2003; $ 71,928 per year 2004 through 2008; $304,878 per year 2009 through 2014 (includes contract administration charges by the U.S.B.R.).

REPORT OF THE KERN RIVER WATERMASTER

SUMMARY OF KERN RIVER RUNOFF

Quantities in acre-feet

Year: 2015

	CALENDAR YEAR				
	FIRST POINT		ENTITLEMENT		
	REGULATED	NATURAL	NKWSD	BVWSD	HWD
JANUARY	10,582	11,014	11,014	0	0
To Date	10,582	11,014	11,014	0	0
FEBRUARY	10,930	14,214	14,214	0	0
	21,512	25,228	25,228	0	0
MARCH	14,596	14,190	14,190	0	0
	36,108	39,418	39,418	0	0
APRIL	14,295	13,662	13,658	4	0
	50,403	53,080	53,076	4	0
MAY	17,371	17,153	17,004	149	0
	67,774	70,233	70,080	153	0
JUNE	19,812	13,813	13,724	89	0
	87,586	84,046	83,804	242	0
JULY	14,994	13,037	12,946	91	0
	102,580	97,083	96,750	333	0
AUGUST	5,313	5,028	5,028	0	0
	107,893	102,111	101,778	333	0
SEPTEMBER	3,415	3,513	3,513	0	0
	111,308	105,624	105,291	333	0
OCTOBER	6,777	7,575	7,575	0	0
	118,085	113,199	112,866	333	0
NOVEMBER	9,769	10,308	10,308	0	0
	127,854	123,507	123,174	333	0
DECEMBER	11,903	15,233	15,233	0	0
Year	139,757	138,740	138,407	333	0

1894 to 2015 Mean April-July Runoff = 457,712 acre-feet (100% of Average)
2015 April-July Runoff = 57,665 acre-feet (13% of Average)

	WATER YEAR				
	FIRST POINT		ENTITLEMENT		
	REGULATED	NATURAL	NKWSD	BVWSD	HWD
OCTOBER	8,624	5,960	5,960	0	0
To Date	8,624	5,960	5,960	0	0
NOVEMBER	7,820	7,880	7,880	0	0
	16,444	13,840	13,840	0	0
DECEMBER	11,185	11,599	11,599	0	0
	27,629	25,439	25,439	0	0
JANUARY	10,582	11,014	11,014	0	0
	38,211	36,453	36,453	0	0
FEBRUARY	10,930	14,214	14,214	0	0
	49,141	50,667	50,667	0	0
MARCH	14,596	14,190	14,190	0	0
	63,737	64,857	64,857	0	0
APRIL	14,295	13,662	13,658	4	0
	78,032	78,519	78,515	4	0
MAY	17,371	17,153	17,004	149	0
	95,403	95,672	95,519	153	0
JUNE	19,812	13,813	13,724	89	0
	115,215	109,485	109,243	242	0
JULY	14,994	13,037	12,946	91	0
	130,209	122,522	122,189	333	0
AUGUST	5,313	5,028	5,028	0	0
	135,522	127,550	127,217	333	0
SEPTEMBER	3,415	3,513	3,513	0	0
Year	138,937	131,063	130,730	333	0

1894 to 2015 Mean March-October Runoff = 587,538 acre-feet (100% of Average)
2015 March-October Runoff = 87,971acre-feet (15% of Average)

REPORT OF THE KERN RIVER WATERMASTER

RECAPITULATION 2015

QUANTITIES IN ACRE-FEET EXCEPT WHERE NOTED...

	ISABELLA RESERVOIR										NORTH KERN WATER STORAGE DISTRICT						BUENA VISTA WATER STORAGE DISTRICT									HACIENDA WATER DISTRICT					
	Elevation (feet)	Storage	Loss	Flow At First Point	Flow Above First Point	First Point Regulated Flow	Rio Bravo Well	Change in Storage + Loss + 1st Pt. Regulated Flow - Rio Bravo Well	Computed 1st Point Natural Flow	Mean Reservoir Storage	Ent'l At First Point	Flow Above First Point	Flow At First Point	Reservoir Storage	Reservoir Loss	Transfer *or* Exchange *in* Storage	Entitlement At 1st Point	Entitlement At 2nd Point	Flow Above 1st Point	Flow At 1st Point	Flow At 2nd Point	Reservoir Storage	Reservoir Loss	Kern County Rec. Pool Loss	Entitlement Contributed by: NKWSD	Entitlement Contributed by: BVWSD	Flow At 1st Point	Flow At 2nd Point	Reservoir Storage	Reservoir Loss
Carry Over	2529.55	44,851								44,851				14,122								555							0	
JAN	2529.56	44,874	409	9,862	720	10,582	0	11,014	11,014	44,874	11,014	720	9,862	14,204	340	0	0	0	0	0	0	486	69	226	0	0	0	0	0	0
FEB	2530.72	47,666	492	10,477	453	10,930	0	14,214	14,214	47,666	14,214	453	10,477	17,063	425	0	0	0	0	0	0	419	67	260	0	0	0	0	0	0
MAR	2530.24	46,496	764	13,958	638	14,596	0	14,190	14,190	46,496	14,190	628	13,928	16,042	655	0	0	0	10	30	0	270	109	403	0	0	0	0	0	0
APR	2529.59	44,945	918	13,482	813	14,295	0	13,662	13,662	44,945	13,658	813	13,482	14,628	781	0	0	4	0	0	0	133	137	512	0	0	0	0	0	0
MAY	2529.01	43,594	1,133	16,506	865	17,371	0	17,153	17,153	43,594	17,004	865	16,436	13,458	970	0	0	149	0	70	0	(48)	163	643	0	0	0	0	0	0
JUN	2525.55	36,147	1,448	18,809	1,003	19,812	0	13,813	13,813	36,147	13,724	1,003	18,809	6,203	1,230	0	0	89	0	0	0	(240)	218	912	0	0	0	0	0	0
JUL	2523.85	32,855	1,335	13,932	1,062	14,994	0	13,037	13,037	32,855	12,946	1,062	13,932	3,115	1,103	0	0	91	0	0	0	(444)	232	1043	0	0	0	0	0	0
AUG	2522.94	31,188	1,382	4,247	1,066	5,313	0	5,028	5,028	31,188	5,028	1,066	4,247	1,702	1,128	0	0	0	0	0	0	(698)	254	1214	0	0	0	0	0	0
SEP	2522.39	30,211	1,075	2,384	1,031	3,415	0	3,513	3,513	30,211	3,513	1,031	2,384	979	821	0	0	0	0	0	0	(952)	254	1018	0	0	0	0	0	0
OCT	2522.44	30,299	710	5,714	1,063	6,777	0	7,575	7,575	30,299	7,575	1,063	5,714	1,243	534	0	0	0	0	0	0	(1,128)	176	704	0	0	0	0	0	0
NOV	2522.50	30,404	434	8,920	849	9,769	0	10,308	10,308	30,404	10,308	849	8,920	1,457	325	0	0	0	0	0	0	(1,237)	109	432	0	0	0	0	0	0
DEC	2524.14	33,401	333	11,387	516	11,903	0	15,233	15,233	33,401	15,233	516	11,387	4,547	250	(1) 10	0	0	0	0	0	(1,330)	83	313	0	0	0	0	0	0
Total			10,433	129,678	10,079	139,757	0	138,740	138,740		138,407	10,069	129,578		8562	10	0	333	10	100	0		1871	7680	0	0	0	0		0

KERN COUNTY RECREATION POOL = 30,000 Ac.Ft. DEAD STORAGE = 184 Ac.Ft.
STORAGE & ELEVATION REFLECT LAST DAY OF MONTH

NOTES: (1) BVWSD to NKWSD
(2) NKWSD to HWD

By: John Ryan Date: January 26, 2016

Isabella Dam & Reservoir

QUANTITIES IN ACRE-FEET

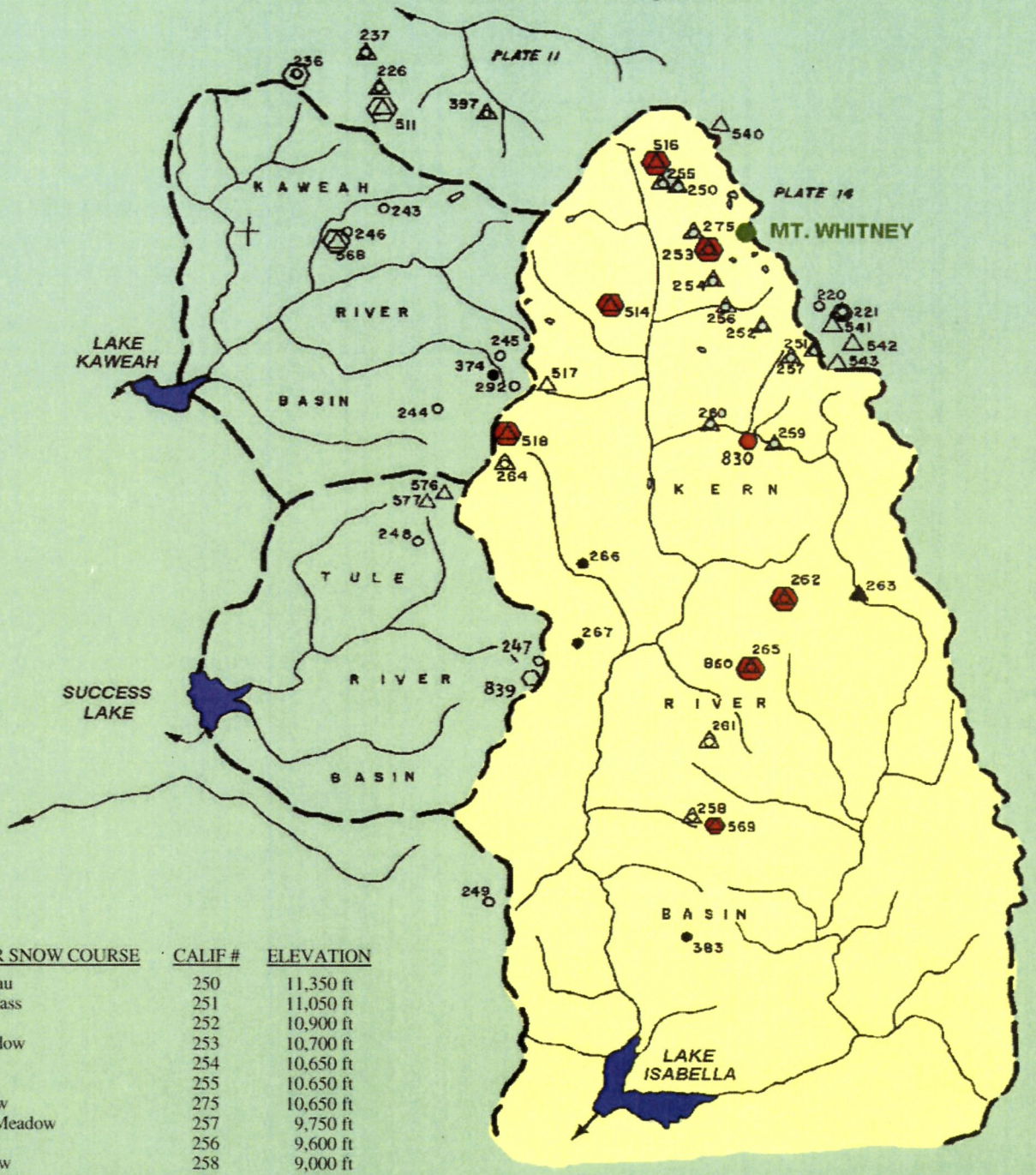
Midnight Storage Recapitulation

Year: 2015

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	44,757	44,851	47,568	46,399	45,016	43,571	35,847	32,818	31,170	30,193	30,263	30,387
2	44,687	44,874	47,543	46,375	45,087	43,548	35,589	32,781	31,134	30,158	30,246	30,404
3	44,640	44,921	47,519	46,327	45,134	43,479	35,788	32,706	31,080	30,158	30,211	30,387
4	44,640	44,969	47,494	46,255	45,110	43,341	36,027	32,632	31,026	30,246	30,228	30,387
5	44,640	45,016	47,470	46,134	45,087	43,204	35,987	32,576	30,972	30,316	30,263	30,387
6	44,616	45,063	47,470	46,014	44,969	43,089	35,947	32,521	30,954	30,387	30,281	30,369
7	44,569	45,229	47,445	45,942	44,945	42,953	35,768	32,483	30,919	30,387	30,316	30,351
8	44,546	45,775	47,420	45,966	44,851	42,793	35,550	32,446	30,901	30,404	30,351	30,351
9	44,546	46,255	47,396	45,919	44,734	42,612	35,282	32,391	30,865	30,404	30,351	30,299
10	44,569	46,568	47,371	45,871	44,616	42,409	35,037	32,354	30,848	30,387	30,404	30,316
11	44,827	46,714	47,298	45,799	44,499	42,251	34,842	32,280	30,812	30,387	30,422	30,404
12	44,898	46,811	47,249	45,752	44,359	42,161	34,686	32,225	30,776	30,351	30,369	30,492
13	44,921	46,957	47,249	45,680	44,266	42,026	34,511	32,151	30,723	30,334	30,316	30,545
14	44,921	47,127	47,224	45,537	44,196	41,847	34,298	32,078	30,705	30,334	30,281	30,652
15	44,898	47,322	47,151	45,489	44,103	41,691	34,087	32,023	30,670	30,387	30,281	30,687
16	44,827	47,470	47,103	45,418	44,057	41,557	33,953	31,986	30,581	30,387	30,369	30,616
17	44,780	47,592	47,103	45,324	44,033	41,357	33,780	31,913	30,563	30,387	30,387	30,581
18	44,780	47,617	47,103	45,252	43,964	41,114	33,666	31,803	30,581	30,404	30,404	30,581
19	44,780	47,592	47,054	45,158	43,917	40,784	33,533	31,694	30,599	30,439	30,457	30,563
20	44,804	47,568	47,005	45,087	43,848	40,391	33,476	31,585	30,581	30,510	30,510	30,599
21	44,804	47,494	46,884	45,039	43,732	39,828	33,476	31,549	30,563	30,563	30,581	30,599
22	44,827	47,716	46,738	45,016	43,640	39,270	33,533	31,531	30,545	30,599	30,617	31,585
23	44,827	47,789	46,689	45,016	43,663	38,846	33,628	31,512	30,510	30,616	30,634	32,595
24	44,804	47,740	46,641	44,945	43,663	38,466	33,609	31,476	30,475	30,634	30,634	32,912
25	44,804	47,642	46,641	44,898	43,686	38,069	33,476	31,458	30,439	30,652	30,599	33,155
26	44,827	47,617	46,641	44,898	43,663	37,674	33,306	31,404	30,387	30,617	30,617	33,231
27	44,851	47,642	46,592	44,874	43,663	37,263	33,193	31,368	30,351	30,545	30,563	33,249
28	44,874	47,666	46,568	44,851	43,640	36,875	33,118	31,350	30,299	30,475	30,528	33,306
29	44,874	-	46,568	44,875	43,617	36,510	33,043	31,296	30,263	30,422	30,492	33,382
30	44,874	-	46,568	44,945	43,571	36,147	32,968	31,224	30,211	30,369	30,404	33,363
31	44,874	-	46,496	-	43,594	-	32,855	31,188	-	30,299	-	33,401
MAXIMUM DAY	44,921	47,789	47,568	46,399	45,134	43,571	36,027	32,818	31,170	30,652	30,634	33,401
MINIMUM DAY	44,546	44,851	46,496	44,851	43,571	36,147	32,855	31,188	30,211	30,158	30,211	30,299

KERN RIVER BASIN

Drainage Basin Above Lake Isabella = 2,074 Square Miles



KERN RIVER SNOW COURSE	CALIF #	ELEVATION
Bighorn Plateau	250	11,350 ft
Cottonwood Pass	251	11,050 ft
Siberian Pass	252	10,900 ft
Crabtree Meadow	253	10,700 ft
Guyot Flat	254	10,650 ft
Tyndall Creek	255	10,650 ft
Sandy Meadow	275	10,650 ft
Big Whitney Meadow	257	9,750 ft
Rock Creek	256	9,600 ft
Round Meadow	258	9,000 ft
Ramshaw Meadow	259	8,700 ft
Little Whitney Meadow	260	8,500 ft
Quinn Ranger Station	264	8,350 ft
Bonita Meadows	261	8,300 ft
Casa Vieja Meadows	262	8,300 ft
Beach Meadows	265	7,650 ft
Dead Horse Meadow	249	7,300 ft

KERN RIVER SNOW SENSOR		
Upper Tyndall Creek	516	11,400 ft
Crabtree Meadow	253	10,700 ft
Chagoopa Plateau	514	10,300 ft
Pascoe	569	9,150 ft
Wet Meadow (W)	518	8,950 ft
Tunnel Guard Station (W)	830	8,900 ft
Casa Vieja Meadows (W)	262	8,300 ft
Beach Meadows	860	7,650 ft

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Scale in Miles

STATE OF CALIFORNIA
THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES
DIVISION OF FLOOD MANAGEMENT
CALIFORNIA COOPERATIVE SNOW SURVEYS

LEGEND

- SNOW COURSE
- AERIAL SNOW DEPTH MARKER
- SNOW SENSOR
- RIVER BASIN

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

JANUARY 2015

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED FLOW	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2529.55	44,851	22,612	7	160	14	174	157	157	22,612	7,394	4	0	0	0	0	
1	2529.57	44,757	22,565	6	150	11	161	120	120	22,565	7,347	3	0	0	0	0	1
2	2529.48	44,687	22,530	6	145	10	155	126	130	22,534	7,316	3	0	0	0	0	2
3	2529.46	44,640	22,506	6	145	11	156	138	145	22,517	7,299	3	0	0	0	0	3
4	2529.46	44,640	22,506	5	156	10	166	171	159	22,505	7,287	3	0	0	0	0	4
5	2529.46	44,640	22,506	6	152	10	162	168	170	22,507	7,289	3	0	0	0	0	5
6	2529.45	44,616	22,494	11	158	14	172	171	165	22,489	7,271	6	0	0	0	0	6
7	2529.43	44,569	22,470	10	159	11	170	156	168	22,477	7,259	6	0	0	0	0	7
8	2529.42	44,546	22,459	7	169	12	181	177	173	22,462	7,244	4	0	0	0	0	8
9	2529.42	44,546	22,459	5	169	11	180	185	187	22,464	7,246	3	0	0	0	0	9
10	2529.43	44,569	22,470	6	170	12	182	199	237	22,513	7,295	3	0	0	0	0	10
11	2529.54	44,827	22,600	3	183	11	194	327	254	22,570	7,352	2	0	0	0	0	11
12	2529.57	44,898	22,636	5	180	15	195	236	255	22,625	7,407	3	0	0	0	0	12
13	2529.58	44,921	22,648	6	173	11	184	202	208	22,643	7,425	3	0	0	0	0	13
14	2529.58	44,921	22,648	7	167	11	178	185	173	22,631	7,413	4	0	0	0	0	14
15	2529.57	44,898	22,636	7	126	12	138	133	151	22,637	7,419	4	0	0	0	0	15
16	2529.54	44,827	22,600	7	152	11	163	134	149	22,616	7,398	4	0	0	0	0	16
17	2529.52	44,780	22,577	7	183	12	195	179	172	22,586	7,368	4	0	0	0	0	17
18	2529.52	44,780	22,577	8	182	13	195	203	181	22,564	7,346	4	0	0	0	0	18
19	2529.52	44,780	22,577	7	142	11	153	160	178	22,582	7,364	4	0	0	0	0	19
20	2529.53	44,804	22,589	4	146	12	158	174	168	22,588	7,370	2	0	0	0	0	20
21	2529.53	44,804	22,589	7	150	12	162	169	173	22,592	7,374	4	0	0	0	0	21
22	2529.54	44,827	22,600	7	146	11	157	175	171	22,599	7,381	4	0	0	0	0	22
23	2529.54	44,827	22,600	9	150	11	161	170	169	22,598	7,380	5	0	0	0	0	23
24	2529.53	44,804	22,589	10	151	13	164	163	172	22,596	7,378	6	0	0	0	0	24
25	2529.53	44,804	22,589	10	157	16	173	183	176	22,589	7,371	6	0	0	0	0	25
26	2529.54	44,827	22,600	6	155	11	166	183	184	22,601	7,383	3	0	0	0	0	26
27	2529.55	44,851	22,612	4	160	11	171	187	190	22,616	7,398	2	0	0	0	0	27
28	2529.56	44,874	22,624	6	171	11	182	200	198	22,626	7,408	3	0	0	0	0	28
29	2529.56	44,874	22,624	5	190	11	201	206	196	22,616	7,398	3	0	0	0	0	29
30	2529.56	44,874	22,624	5	164	14	178	183	191	22,624	7,406	3	0	0	0	0	30
31	2529.56	44,874	22,624	8	171	11	182	190	190	22,624	7,406	4	0	0	0	0	31
TOTAL SECOND FOOT DAYS				206	4,972	363	5,335	5,553	5,553	22,624	7,406	114	0	0	0	0	
TOTAL ACRE-FEET				409	9,862	720	10,582	11,014	11,014	44,874	14,690	226	0	0	0	0	

By: JWR Date: February 24, 2015

JANUARY 2015

	NORTH KERN WATER STORAGE DISTRICT					BUENA VISTA WATER STORAGE DISTRICT								HACIENDA WATER DISTRICT						
							FLOW				FLOW ABOVE 1ST PT. CARMEL			ENTITLEMENT		FLOW				
	ENT'L AT 1ST	FLOW AT 1ST	FLOW ABOVE 1ST	RESERVOIR		ENT'L AT 1ST	VIA	VIA/FOR	VIA	AT 2ND	La HACIENDA	RESERVOIR		Contributed by:		TRANS.	FOR	RESERVOIR		
DAY	POINT	POINT	POINT	LOSS	STORAGE	POINT	KDWD	RRBWSD	CWD	POINT	INC.	LOSS	STORAGE	NKWSD	BVWSD	LOSS	KCWA	LOSS	STORAGE	DAY
Previous Day	157	160	14	6	7,114	0	0	0	0	0	0	1	280					0	0	
1	120	150	11	5	7,068	0	0	0	0	0	0	1	279					0	0	1
2	130	145	10	5	7,038	0	0	0	0	0	0	1	278					0	0	2
3	145	145	11	5	7,022	0	0	0	0	0	0	1	277					0	0	3
4	159	156	10	4	7,011	0	0	0	0	0	0	1	276					0	0	4
5	170	152	10	5	7,014	0	0	0	0	0	0	1	275					0	0	5
6	165	158	14	9	6,998	0	0	0	0	0	0	2	273					0	0	6
7	168	159	11	8	6,988	0	0	0	0	0	0	2	271					0	0	7
8	173	169	12	6	6,974	0	0	0	0	0	0	1	270					0	0	8
9	187	169	11	4	6,977	0	0	0	0	0	0	1	269					0	0	9
10	237	170	12	5	7,027	0	0	0	0	0	0	1	268					0	0	10
11	254	183	11	2	7,085	0	0	0	0	0	0	1	267					0	0	11
12	255	180	15	4	7,141	0	0	0	0	0	0	1	266					0	0	12
13	208	173	11	5	7,160	0	0	0	0	0	0	1	265					0	0	13
14	173	167	11	6	7,149	0	0	0	0	0	0	1	264					0	0	14
15	151	126	12	6	7,156	0	0	0	0	0	0	1	263					0	0	15
16	149	152	11	6	7,136	0	0	0	0	0	0	1	262					0	0	16
17	172	183	12	6	7,107	0	0	0	0	0	0	1	261					0	0	17
18	181	182	13	7	7,086	0	0	0	0	0	0	1	260					0	0	18
19	178	142	11	6	7,105	0	0	0	0	0	0	1	259					0	0	19
20	168	146	12	3	7,112	0	0	0	0	0	0	1	258					0	0	20
21	173	150	12	6	7,117	0	0	0	0	0	0	1	257					0	0	21
22	171	146	11	6	7,125	0	0	0	0	0	0	1	256					0	0	22
23	169	150	11	8	7,125	0	0	0	0	0	0	1	255					0	0	23
24	172	151	13	8	7,125	0	0	0	0	0	0	2	253					0	0	24
25	176	157	16	8	7,120	0	0	0	0	0	0	2	251					0	0	25
26	184	155	11	5	7,133	0	0	0	0	0	0	1	250					0	0	26
27	190	160	11	3	7,149	0	0	0	0	0	0	1	249					0	0	27
28	198	171	11	5	7,160	0	0	0	0	0	0	1	248					0	0	28
29	196	190	11	4	7,151	0	0	0	0	0	0	1	247					0	0	29
30	191	164	14	4	7,160	0	0	0	0	0	0	1	246					0	0	30
31	190	171	11	7	7,161	0	0	0	0	0	0	1	245					0	0	31
S.F.D.	5,553	4,972	363	171	7,161	0	0	0	0	0	0	35	245				0	0	0	S.F.D.
AC.FT.	11,014	9,862	720	340	14,204	0	0	0	0	0	0	69	486				0	0	0	AC.FT.

TOTAL ACRE-FOOT STORAGE DAYS 436,125

TOTAL ACRE-FOOT STORAGE DAYS 16,102

TOTAL ACRE-FOOT STORAGE DAYS 0

JANUARY 2015

*WATERMASTER NOTES *** KERN RIVER BULLETIN*

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
January				



A Snow Surveyor in the Kern Basin. January 2015

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

FEBRUARY 2015

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED FLOW	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	MEAN STORAGE IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	SECOND POINT GROUP FLOW AT 2ND POINT FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2529.56	44,874	22,624	8	171	11	182	190	190	22,624	7,406	4	0	0	0	0	
1	2529.55	44,851	22,612	8	177	10	187	183	183	22,612	7,394	4	0	0	0	0	1
2	2534.56	44,874	22,624	8	139	10	149	169	169	22,624	7,406	4	0	0	0	0	2
3	2534.58	44,921	22,648	6	127	12	139	169	174	22,653	7,435	3	0	0	0	0	3
4	2534.60	44,969	22,672	9	138	12	150	183	172	22,666	7,448	5	0	0	0	0	4
5	2534.62	45,016	22,696	8	121	11	132	164	168	22,694	7,476	4	0	0	0	0	5
6	2534.64	45,063	22,719	8	115	11	126	157	182	22,742	7,524	4	0	0	0	0	6
7	2534.71	45,229	22,803	4	126	11	137	225	202	22,803	7,585	2	0	0	0	0	7
8	2534.94	45,775	23,078	9	143	14	157	441	441	23,078	7,860	5	0	0	0	0	8
9	2530.14	46,255	23,320	11	143	10	153	406	406	23,320	8,102	6	0	0	0	0	9
10	2530.27	46,568	23,478	9	162	11	173	340	319	23,457	8,239	5	0	0	0	0	10
11	2530.33	46,714	23,552	10	181	12	193	277	296	23,550	8,332	5	0	0	0	0	11
12	2530.37	46,811	23,601	13	197	11	208	270	268	23,597	8,379	7	0	0	0	0	12
13	2530.43	46,957	23,674	11	161	12	173	257	263	23,676	8,458	6	0	0	0	0	13
14	2530.50	47,127	23,760	10	155	12	167	263	263	23,762	8,544	5	0	0	0	0	14
15	2530.58	47,322	23,858	10	149	12	161	269	260	23,851	8,633	5	0	0	0	0	15
16	2530.64	47,470	23,933	11	150	13	163	249	253	23,930	8,712	6	0	0	0	0	16
17	2530.69	47,592	23,994	11	157	12	169	241	240	23,990	8,772	6	0	0	0	0	17
18	2530.70	47,617	24,007	11	194	11	205	229	232	24,006	8,788	6	0	0	0	0	18
19	2530.69	47,592	23,994	9	218	11	229	225	233	24,001	8,783	5	0	0	0	0	19
20	2530.68	47,568	23,982	10	243	2	245	243	234	23,980	8,762	5	0	0	0	0	20
21	2530.65	47,494	23,945	10	261	1	262	235	287	23,995	8,777	5	0	0	0	0	21
22	2530.74	47,716	24,057	7	263	0	263	382	313	24,038	8,820	4	0	0	0	0	22
23	2530.77	47,789	24,094	5	277	2	279	321	324	24,078	8,860	3	0	0	0	0	23
24	2530.75	47,740	24,069	8	285	2	287	270	276	24,059	8,841	4	0	0	0	0	24
25	2530.71	47,642	24,020	8	277	1	278	237	257	24,030	8,812	4	0	0	0	0	25
26	2530.70	47,617	24,007	9	268	1	269	265	246	23,998	8,780	5	0	0	0	0	26
27	2530.71	47,642	24,020	8	216	0	216	237	246	24,020	8,802	4	0	0	0	0	27
28	2530.72	47,666	24,032	7	239	1	240	259	259	24,032	8,814	4	0	0	0	0	28
TOTAL SECOND FOOT DAYS				248	5,282	228	5,510	7,166	7,166	24,032	8,814	131	0	0	0	0	
TOTAL ACRE-FEET				492	10,477	453	10,930	14,214	14,214	47,666	17,482	260	0	0	0	0	

By: JWR Date: March 24, 2015

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

FEBRUARY 2015

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	190	171	11	7	7,161
1	183	177	10	7	7,150
2	169	139	10	7	7,163
3	174	127	12	5	7,193
4	172	138	12	8	7,207
5	168	121	11	7	7,236
6	182	115	11	7	7,285
7	202	126	11	3	7,347
8	441	143	14	8	7,623
9	406	143	10	9	7,867
10	319	162	11	8	8,005
11	296	181	12	9	8,099
12	268	197	11	11	8,148
13	263	161	12	9	8,229
14	263	155	12	9	8,316
15	260	149	12	9	8,406
16	253	150	13	9	8,487
17	240	157	12	9	8,549
18	232	194	11	9	8,567
19	233	218	11	8	8,563
20	234	243	2	9	8,543
21	287	261	1	9	8,559
22	313	263	0	6	8,603
23	324	277	2	4	8,644
24	276	285	2	7	8,626
25	257	277	1	7	8,598
26	246	268	1	8	8,567
27	246	216	0	7	8,590
28	259	239	1	6	8,603
S.F.D.	7,166	5,282	228	214	8,603
AC.FT.	14,214	10,477	453	425	17,063

TOTAL ACRE-FOOT STORAGE DAYS 449,797

BUENA VISTA WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW KDWD	FLOW VIA RRWSD	FLOW VIA CWD	FLOW KWB	FLOW AT 2ND POINT	FLOW ABOVE 1ST PT. CARMEL La HACIENDA INC.	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	0	0	0	0	0	0	0	1	245
1	0	0	0	0	0	0	0	1	244
2	0	0	0	0	0	0	0	1	243
3	0	0	0	0	0	0	0	1	242
4	0	0	0	0	0	0	0	1	241
5	0	0	0	0	0	0	0	1	240
6	0	0	0	0	0	0	0	1	239
7	0	0	0	0	0	0	0	1	238
8	0	0	0	0	0	0	0	1	237
9	0	0	0	0	0	0	0	2	235
10	0	0	0	0	0	0	0	1	234
11	0	0	0	0	0	0	0	1	233
12	0	0	0	0	0	0	0	2	231
13	0	0	0	0	0	0	0	2	229
14	0	0	0	0	0	0	0	1	228
15	0	0	0	0	0	0	0	1	227
16	0	0	0	0	0	0	0	2	225
17	0	0	0	0	0	0	0	2	223
18	0	0	0	0	0	0	0	2	221
19	0	0	0	0	0	0	0	1	220
20	0	0	0	0	0	0	0	1	219
21	0	0	0	0	0	0	0	1	218
22	0	0	0	0	0	0	0	1	217
23	0	0	0	0	0	0	0	1	216
24	0	0	0	0	0	0	0	1	215
25	0	0	0	0	0	0	0	1	214
26	0	0	0	0	0	0	0	1	213
27	0	0	0	0	0	0	0	1	212
28	0	0	0	0	0	0	0	1	211
S.F.D.	0	0	0	0	0	0	0	34	211
AC.FT.	0	0	0	0	0	0	0	67	419

TOTAL ACRE-FOOT STORAGE DAYS 12,625

HACIENDA WATER DISTRICT

DAY	ENTITLEMENT Contributed by: NKWSD	ENTITLEMENT Contributed by: BVWSD	FLOW	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day				0	0
1				0	0
2				0	0
3				0	0
4				0	0
5				0	0
6				0	0
7				0	0
8				0	0
9				0	0
10				0	0
11				0	0
12				0	0
13				0	0
14				0	0
15				0	0
16				0	0
17				0	0
18				0	0
19				0	0
20				0	0
21				0	0
22				0	0
23				0	0
24				0	0
25				0	0
26				0	0
27				0	0
28				0	0
S.F.D.				0	0
AC.FT.				0	0

TOTAL ACRE-FOOT STORAGE 0

FEBRUARY 2015

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
				None

SNOW SURVEY DATA FOR KERN RIVER BASIN

Date: February 1, 2015

SNOW COURSE	SNOW SENSOR	CALIF. NUMBER	ELEV. IN FEET	APRIL 1ST AVERAGE WATER CONTENT	DATE MEASURED	SNOW DEPTH IN INCHES	DENSITY (%)	WATER CONTENT IN INCHES	% OF APRIL 1ST AVERAGE	MEASURED BY
	Upper Tyndall Creek	516	11,400	27.7		12.0	23%	2.7	10%	DWR
Bighorn Plateau		250	11,350	23.7	1-28	12.0	21%	2.5	11%	DWR
Cottonwood Pass		251	11,050	14.8	2-04	11.5	26%	3.0	20%	DWR
Siberian Pass		252	10,900	20.0	1-25	9.0	28%	2.5	13%	DWR
Crabtree Meadow		253	10,700	19.6	1-27	15.0	20%	3.0	15%	DWR
	Crabtree Meadow	253	10,700	19.8						DWR
Guyot Flat		254	10,650	20.8	1-26	13.0	23%	3.0	14%	DWR
Tyndall Creek		255	10,650	18.8	1-29	13.5	22%	3.0	16%	DWR
Sandy Meadows		275	10,650	19.2	1-28	13.0	23%	3.0	16%	DWR
	Chagoopa Plateau	514	10,300	21.8		16.0	23%	3.6	17%	DWR
Big Whitney Meadow		257	9,750	17.2						DWR
Rock Creek		256	9,600	17.8	1-25	13.0	19%	2.5	14%	DWR
	Pascoe	569	9,150	24.9		16.0	31%	5.0	20%	USFS
Round Meadow		258	9,000	24.1	1-28	18.0	25%	4.5	19%	USFS
	Wet Meadow	518	8,950	30.3		4.5	53%	2.4	8%	
	Tunnel Guard	830	8,900	15.6		3.5	20%	0.7	4%	DWR
Ramshaw Meadows		259	8,700	11.5	2-02	6.0	25%	1.5	13%	DWR
Little Whitney Meadow		260	8,500	12.9	2-01	8.5	24%	2.0	16%	DWR
Quinn Ranger Station		264	8,350	18.9						USFS
Bonita Meadows		261	8,300	13.6	1-28	19.5	10%	2.0	15%	USFS
Casa Vieja Meadows		262	8,300	19.8						USFS
	Casa Vieja Meadows	262	8,300	20.7		13.0	27%	3.5	17%	
Beach Meadows		265	7,650	8.3	1-28	0.0	0%	0.0	0%	USFS
	Beach Meadows	860	7,650	11.0						USFS
Dead Horse Meadow		249	7,300	10.7	1-26	0.0	0%	0.0	0%	USFS

CALIFORNIA COOPERATIVE SNOW SURVEYS FORECAST as of FEBRUARY 1, 2015 for KERN RIVER INFLOW TO ISABELLA RESERVOIR...
April-July = 155,000 acre-feet (33% of Average) *** Water Year = 265,000 acre-feet (36% of Average)
80 Percent Probability Range (Actual runoff should fall within the stated limits eight times out of ten)...
April-July = 80,000 AcFt (17% of Average) to 640,000 AcFt (138% of Average) *** Water Year = 150,000 AcFt (20% of Average) to 990,000 AcFt (135% of Average)

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

MARCH 2015

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	RIO BRAVO WELL	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED - RIO BRAVO WELL	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2530.72	47,666	24,032	7	239	1	240	0	259	259	24,032	8,814	4	0	0	0	0	
1	2530.68	47,568	23,982	5	250	3	253	0	208	225	23,999	8,781	3	0	0	0	0	1
2	2530.67	47,543	23,970	4	267	0	267	0	259	233	23,961	8,743	2	0	0	0	0	2
3	2530.66	47,519	23,958	8	236	0	236	0	232	241	23,958	8,740	4	0	0	0	0	3
4	2530.65	47,494	23,945	10	234	2	236	0	233	224	23,936	8,718	5	0	0	0	0	4
5	2530.64	47,470	23,933	11	208	1	209	0	208	222	23,938	8,720	6	0	0	0	0	5
6	2530.64	47,470	23,933	11	212	1	213	0	224	214	23,928	8,710	6	0	0	0	0	6
7	2530.63	47,445	23,920	12	209	2	211	0	210	219	23,924	8,706	6	0	0	0	0	7
8	2530.62	47,420	23,908	12	220	4	224	0	224	219	23,907	8,689	6	0	0	0	0	8
9	2530.61	47,396	23,895	12	211	12	223	0	222	223	23,895	8,677	6	0	0	0	0	9
10	2530.60	47,371	23,883	12	210	14	224	0	224	214	23,873	8,655	6	0	0	0	0	10
11	2530.57	47,298	23,846	7	214	12	226	0	196	212	23,852	8,634	4	0	0	0	0	11
12	2530.55	47,249	23,821	11	216	13	229	0	215	218	23,830	8,612	6	0	0	0	0	12
13	2530.55	47,249	23,821	13	218	11	229	0	242	229	23,817	8,599	7	0	0	0	0	13
14	2530.54	47,224	23,809	14	214	13	227	0	229	227	23,803	8,585	7	0	0	0	0	14
15	2530.51	47,151	23,772	10	226	12	238	0	211	223	23,778	8,560	5	0	0	0	0	15
16	2530.49	47,103	23,748	13	223	16	239	0	228	225	23,751	8,533	7	0	0	0	0	16
17	2530.49	47,103	23,748	10	212	13	225	0	235	235	23,751	8,533	5	0	0	0	0	17
18	2530.49	47,103	23,748	9	221	13	234	0	243	233	23,741	8,523	5	0	0	0	0	18
19	2530.47	47,054	23,723	13	223	12	235	0	223	234	23,727	8,509	7	0	0	0	0	19
20	2530.45	47,005	23,698	13	235	13	248	0	236	223	23,689	8,471	7	0	0	0	0	20
21	2530.40	46,884	23,637	17	241	13	254	0	210	214	23,632	8,414	9	0	0	0	0	21
22	2530.34	46,738	23,564	16	236	18	254	0	197	211	23,573	8,355	9	0	0	0	0	22
23	2530.32	46,689	23,539	14	224	12	236	0	225	212	23,535	8,317	7	0	0	0	0	23
24	2530.30	46,641	23,515	14	210	13	223	0	213	230	23,528	8,310	7	0	0	0	0	24
25	2530.30	46,641	23,515	14	225	13	238	0	252	236	23,512	8,294	7	0	0	0	0	25
26	2530.30	46,641	23,515	15	213	14	227	0	242	242	23,512	8,294	8	0	0	0	0	26
27	2530.28	46,592	23,490	17	227	14	241	0	233	245	23,499	8,281	9	0	0	0	0	27
28	2530.27	46,568	23,478	17	241	13	254	0	259	257	23,485	8,267	9	0	0	0	0	28
29	2530.27	46,568	23,478	16	250	13	263	0	279	275	23,481	8,263	9	0	0	0	0	29
30	2530.27	46,568	23,478	16	254	18	272	0	288	285	23,478	8,260	9	0	0	0	0	30
31	2530.24	46,496	23,442	19	257	14	271	0	254	254	23,442	8,224	10	0	0	0	0	31
TOTAL SECOND FOOT DAYS				385	7,037	322	7,359	0	7,154	7,154	23,442	8,224	203	0	0	0	0	
TOTAL ACRE-FEET				764	13,958	638	14,596	0	14,190	14,190	46,496	16,312	403	0	0	0	0	

By: JWP

Date: April 22, 2015

MARCH 2015

	NORTH KERN WATER STORAGE DISTRICT					BUENA VISTA WATER STORAGE DISTRICT							HACIENDA WATER DISTRICT				
							FLOW			FLOW ABOVE 1ST PT. CARMEL La			ENTITLEMENT	FLOW			
	ENT'L	FLOW	FLOW ABOVE	RESERVOIR		ENT'L	VIA	VIA	AT 2ND	HACIENDA	RESERVOIR		Contributed by:		RESERVOIR		
DAY	AT 1ST POINT	AT 1ST POINT	1ST POINT	LOSS	STORAGE	AT 2ND POINT	KDWD	CWD	POINT	INC.	LOSS	STORAGE	NKWSD	BVWSD	LOSS	STORAGE	DAY
Previous Day	259	236	1	9	8,603	0	0	0	0	0	1	211			0	0	
1	225	250	3	4	8,571	0	0	0	0	0	1	210			0	0	1
2	233	267	0	3	8,534	0	0	0	0	0	1	209			0	0	2
3	241	236	0	7	8,532	0	0	0	0	0	1	208			0	0	3
4	224	234	1	9	8,512	0	0	0	0	1	1	206			0	0	4
5	222	208	1	9	8,516	0	0	0	0	0	2	204			0	0	5
6	214	212	1	9	8,508	0	0	0	0	0	2	202			0	0	6
7	219	209	2	10	8,506	0	0	0	0	0	2	200			0	0	7
8	219	220	4	10	8,491	0	0	0	0	0	2	198			0	0	8
9	223	211	12	10	8,481	0	0	0	0	0	2	196			0	0	9
10	214	210	13	10	8,462	0	0	0	0	1	2	193			0	0	10
11	212	214	12	6	8,442	0	0	0	0	0	1	192			0	0	11
12	218	216	13	9	8,422	0	0	0	0	0	2	190			0	0	12
13	229	218	11	11	8,411	0	0	0	0	0	2	188			0	0	13
14	227	199	13	12	8,414	0	15	0	0	0	2	171			0	0	14
15	223	226	12	9	8,390	0	0	0	0	0	1	170			0	0	15
16	225	223	15	11	8,366	0	0	0	0	1	2	167			0	0	16
17	235	212	13	9	8,367	0	0	0	0	0	1	166			0	0	17
18	233	221	13	8	8,358	0	0	0	0	0	1	165			0	0	18
19	234	223	12	11	8,346	0	0	0	0	0	2	163			0	0	19
20	223	235	13	11	8,310	0	0	0	0	0	2	161			0	0	20
21	214	241	13	15	8,255	0	0	0	0	0	2	159			0	0	21
22	211	236	18	14	8,198	0	0	0	0	0	2	157			0	0	22
23	212	224	12	12	8,162	0	0	0	0	0	2	155			0	0	23
24	230	210	12	12	8,158	0	0	0	0	1	2	152			0	0	24
25	236	225	13	12	8,144	0	0	0	0	0	2	150			0	0	25
26	242	213	14	13	8,146	0	0	0	0	0	2	148			0	0	26
27	245	227	14	15	8,135	0	0	0	0	0	2	146			0	0	27
28	257	241	13	15	8,123	0	0	0	0	0	2	144			0	0	28
29	275	250	12	14	8,122	0	0	0	0	1	2	141			0	0	29
30	285	254	18	14	8,121	0	0	0	0	0	2	139			0	0	30
31	254	257	14	16	8,088	0	0	0	0	0	3	136			0	0	31
S.F.D.	7,154	7,022	317	330	8,088	0	15	0	0	5	55	136			0	0	S.F.D.
AC.FT.	14,190	13,928	628	655	16,042	0	30	0	0	10	109	270			0	0	AC.FT.

TOTAL ACRE-FOOT STORAGE DAYS 512,907

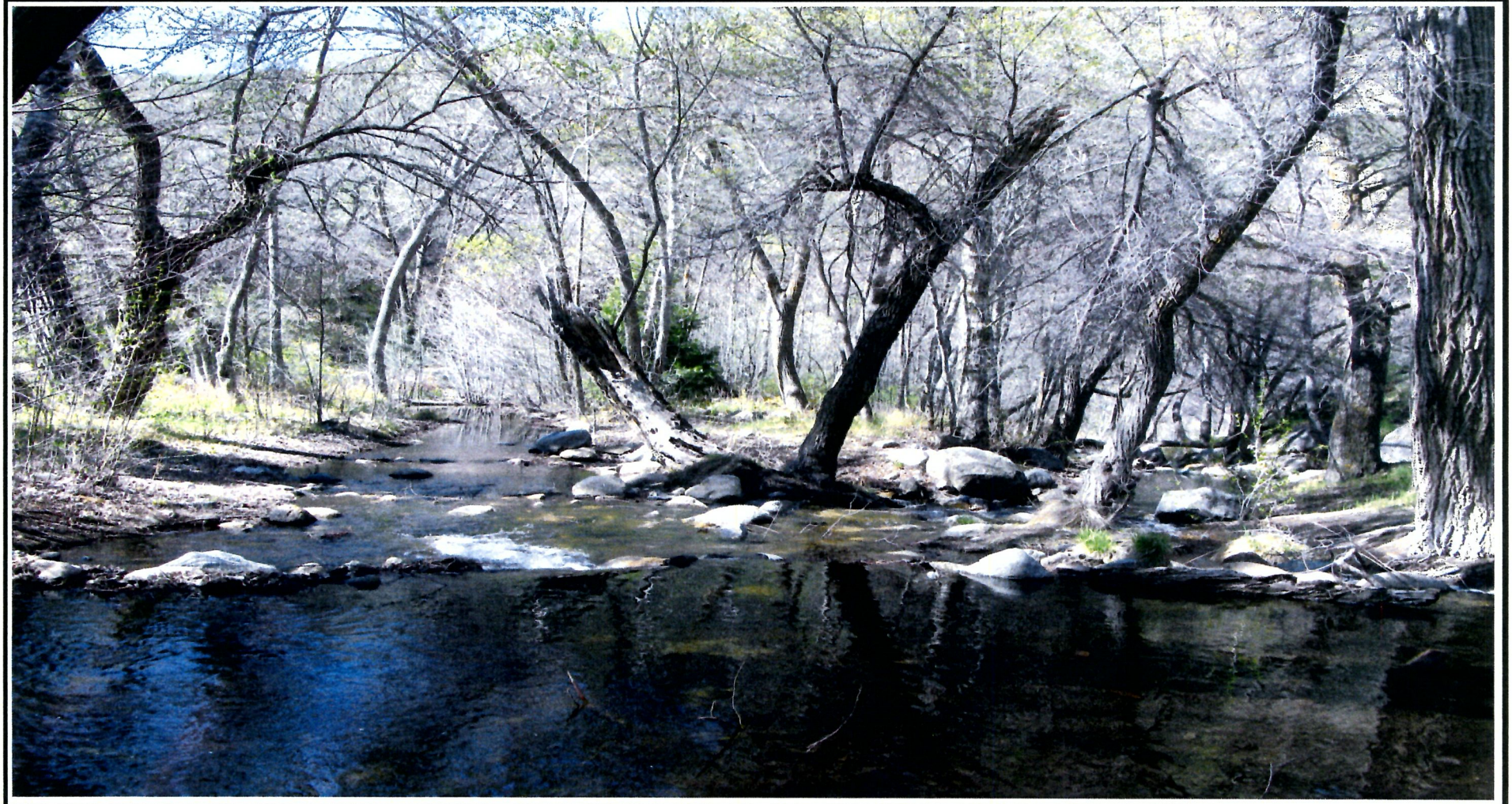
TOTAL ACRE-FOOT STORAGE DAYS 10,683

TOTAL ACRE-FOOT STORAGE DAYS 0

MARCH 2015

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
March				



REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where note

APRIL 2015

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	RIO BRAVO WELL	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED FLOW	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2530.24	46,496	23,442	19	257	14	271	0	254	254	23,442	8,224	10	0	0	0	0	
1	2530.20	46,399	23,393	16	270	14	284	0	251	251	23,393	8,175	9	0	0	0	0	1
2	2530.19	46,375	23,381	17	269	14	283	0	288	277	23,370	8,152	9	0	0	0	0	2
3	2530.17	46,327	23,357	14	251	13	264	0	254	261	23,353	8,135	8	0	0	0	0	3
4	2530.14	46,255	23,320	16	250	13	263	0	242	240	23,314	8,096	9	0	0	0	0	4
5	2530.09	46,134	23,259	18	252	16	268	0	225	229	23,257	8,039	10	0	0	0	0	5
6	2530.04	46,014	23,199	14	251	15	266	0	220	223	23,200	7,982	8	0	0	0	0	6
7	2530.01	45,942	23,162	8	240	13	253	0	224	233	23,172	7,954	4	0	0	0	0	7
8	2530.02	45,966	23,175	13	215	13	228	0	254	231	23,162	7,944	7	0	0	0	0	8
9	2530.00	45,919	23,151	11	215	13	228	0	215	232	23,155	7,937	6	0	0	0	0	9
10	2529.98	45,871	23,127	13	225	12	237	0	226	221	23,126	7,908	7	0	0	0	0	10
11	2529.95	45,799	23,090	16	232	12	244	0	223	229	23,095	7,877	9	0	0	0	0	11
12	2529.93	45,752	23,067	18	230	14	244	0	239	230	23,063	7,845	10	0	0	0	0	12
13	2529.90	45,680	23,030	17	232	17	249	0	229	220	23,017	7,799	9	0	0	0	0	13
14	2529.84	45,537	22,958	17	236	12	248	0	193	221	22,973	7,755	9	0	0	0	0	14
15	2529.82	45,489	22,934	16	235	13	248	0	240	220	22,929	7,711	9	0	0	0	0	15
16	2529.79	45,418	22,898	16	225	21	246	0	226	224	22,891	7,673	9	0	0	0	0	16
17	2529.75	45,324	22,851	18	220	14	234	0	205	208	22,847	7,629	10	0	0	0	0	17
18	2529.72	45,252	22,815	18	200	12	212	0	194	201	22,818	7,600	10	0	0	0	0	18
19	2529.68	45,158	22,767	19	215	14	229	0	200	202	22,772	7,554	11	0	0	0	0	19
20	2529.65	45,087	22,731	19	218	12	230	0	213	205	22,728	7,510	11	0	0	0	0	20
21	2529.63	45,039	22,707	14	198	15	213	0	203	210	22,711	7,493	8	0	0	0	0	21
22	2529.62	45,016	22,696	12	200	13	213	0	214	212	22,698	7,480	7	0	0	0	0	22
23	2529.62	45,016	22,696	11	195	14	209	0	220	207	22,685	7,467	6	0	0	0	0	23
24	2529.59	44,945	22,660	11	200	13	213	0	188	206	22,667	7,449	6	0	0	0	0	24
25	2529.57	44,898	22,636	11	211	12	223	0	210	212	22,645	7,427	6	0	0	0	0	25
26	2529.57	44,898	22,636	15	211	11	222	0	237	227	22,635	7,417	8	0	0	0	0	26
27	2529.56	44,874	22,624	17	213	15	228	0	233	237	22,627	7,409	10	0	0	0	0	27
28	2529.55	44,851	22,612	20	219	14	233	0	241	249	22,623	7,405	11	0	0	0	0	28
29	2529.56	44,875	22,624	19	230	13	243	0	274	263	22,624	7,406	11	0	0	0	0	29
30	2529.59	44,945	22,660	19	239	13	252	0	307	307	22,660	7,442	11	0	0	0	0	30
TOTAL SECOND FOOT DAYS				463	6,797	410	7,207	0	6,888	6,888	22,660	7,442	258	0	0	0	0	
TOTAL ACRE-FEET				918	13,482	813	14,295	0	13,662	13,662	44,945	14,761	512	0	0	0	0	

By: JWR

Date: May 21, 2015

APRIL 2015

	NORTH KERN WATER STORAGE DISTRICT					BUENA VISTA WATER STORAGE DISTRICT										HACIENDA WATER DISTRICT						
							FLOW									ENTITLEMENT		FLOW				
	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	RESERVOIR LOSS	RESERVOIR STORAGE	ENT'L AT 2ND POINT	VIA KDWD	KDWD/ ID 4	Pioneer Canal	Via CWD	VIA RRBWSD	AT 2ND POINT	FLOW ABOVE 1ST PT. CARMEL La HACIENDA INC.	RESERVOIR LOSS	RESERVOIR STORAGE	Contributed by: NKWSD	Contributed by: BVWSD	TRANS. LOSS	FOR KCWA	RESERVOIR LOSS	RESERVOIR STORAGE	
DAY																						DAY
Previous Day	254	257	14	16	8,088	0	0	0	0	0	0	0	0	3	136					0	0	
1	251	270	14	14	8,041	0	0	0	0	0	0	0	0	2	134					0	0	1
2	277	269	14	15	8,020	0	0	0	0	0	0	0	0	2	132					0	0	2
3	261	251	13	12	8,005	0	0	0	0	0	0	0	0	2	130					0	0	3
4	240	250	13	14	7,968	0	0	0	0	0	0	0	0	2	128					0	0	4
5	229	252	16	15	7,914	0	0	0	0	0	0	0	0	3	125					0	0	5
6	223	251	15	12	7,859	0	0	0	0	0	0	0	0	2	123					0	0	6
7	233	240	13	7	7,832	0	0	0	0	0	0	0	0	1	122					0	0	7
8	231	215	13	11	7,824	0	0	0	0	0	0	0	0	2	120					0	0	8
9	232	215	13	9	7,819	0	0	0	0	0	0	0	0	2	118					0	0	9
10	221	225	12	11	7,792	0	0	0	0	0	0	0	0	2	116					0	0	10
11	229	232	12	14	7,763	0	0	0	0	0	0	0	0	2	114					0	0	11
12	230	230	14	15	7,734	0	0	0	0	0	0	0	0	3	111					0	0	12
13	220	232	17	15	7,690	0	0	0	0	0	0	0	0	2	109					0	0	13
14	221	236	12	15	7,648	0	0	0	0	0	0	0	0	2	107					0	0	14
15	220	235	13	14	7,606	0	0	0	0	0	0	0	0	2	105					0	0	15
16	224	225	21	14	7,570	0	0	0	0	0	0	0	0	2	103					0	0	16
17	208	220	14	15	7,529	0	0	0	0	0	0	0	0	3	100					0	0	17
18	201	200	12	15	7,503	0	0	0	0	0	0	0	0	3	97					0	0	18
19	202	215	14	16	7,460	0	0	0	0	0	0	0	0	3	94					0	0	19
20	205	218	12	16	7,419	0	0	0	0	0	0	0	0	3	91					0	0	20
21	210	198	15	12	7,404	0	0	0	0	0	0	0	0	2	89					0	0	21
22	212	200	13	10	7,393	0	0	0	0	0	0	0	0	2	87					0	0	22
23	207	195	14	9	7,382	0	0	0	0	0	0	0	0	2	85					0	0	23
24	206	200	13	9	7,366	0	0	0	0	0	0	0	0	2	83					0	0	24
25	212	211	12	9	7,346	0	0	0	0	0	0	0	0	2	81					0	0	25
26	227	211	11	13	7,338	0	0	0	0	0	0	0	0	2	79					0	0	26
27	237	213	15	14	7,333	0	0	0	0	0	0	0	0	3	76					0	0	27
28	249	219	14	17	7,332	0	0	0	0	0	0	0	0	3	73					0	0	28
29	263	230	13	16	7,336	0	0	0	0	0	0	0	0	3	70					0	0	29
30	305	239	13	16	7,375	2	0	0	0	0	0	0	0	3	67					0	0	30
S.F.D.	6,886	6,797	410	394	7,375	2	0	0	0	0	0	0	0	69	67				0	0	0	S.F.D.
AC.FT.	13,658	13,482	813	781	14,628	4	0	0	0	0	0	0	0	137	133				0	0	0	AC.FT.

TOTAL ACRE-FOOT STORAGE DAYS 453,423

TOTAL ACRE-FOOT STORAGE DAYS 6,087

TOTAL ACRE-FOOT STORAGE DAYS 0

APRIL 2015

*WATERMASTER NOTES *** KERN RIVER BULLETIN*

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
April	30	2	BVWSD STORAGE	BVWSD/City exchange of 4 acre-feet into City Storage.

2015 APRIL-JULY UNIMPAIRED RUNOFF
Central Valley Streams

April-July Flows
in 1000 Acre-feet

Watershed	(1) 50-Year Average	Median Forecast as of Feb. 1	Mar. 1	Apr. 1	May 1	(2) 2014 Actual	% of Average
Sacramento River above Bend Bridge	2,485	1,550	1,450	1,190	970	1,276	51%
Feather River at Oroville Reservoir	1,758	860	680	460	340	569	32%
Yuba River at Smartville	996	510	360	220	165	337	34%
American River at Folsom Reservoir	1,231	540	380	210	175	420	34%
Cosumnes River at Michigan Bar	128	45	35	18	10	25	19%
Mokelumne River at Pardee Reservoir	461	230	170	95	75	161	35%
Stanislaus River at Melones Reservoir	699	350	260	160	95	235	34%
Tuolumne River at Don Pedro Reservoir	1,221	640	460	260	240	423	35%
Merced River at Lake McClure	636	270	155	90	85	178	28%
San Joaquin River at Millerton Lake	1,258	550	320	170	130	376	30%
Kings River at Pine Flat Reservoir	1,236	540	310	175	135	408	33%
Kaweah River at Terminus Reservoir	290	130	90	50	38	73	25%
Tule River at Success Reservoir	64	9	6	4	2	7	10%
KERN RIVER AT ISABELLA LAKE	**465**	**155**	**105**	**65**	**45**	**95**	**20%**

(1) All 50-year averages are based on data for water years 1961-2010

(2) Source: State of California Department of Water Resources

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

MAY 2015

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	ISABELLA RESERVOIR MIDNIGHT STORAGE ACRE-FEET	ISABELLA RESERVOIR MIDNIGHT STORAGE S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	RIO BRAVO WELL	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED - RIO BRAVO WELL	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	SECOND POINT GROUP FLOW AT 2ND POINT FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2529.59	44,945	22,660	19	239	13	252	0	307	307	22,660	7,442	11	0	0	0	0	
1	2529.62	45,016	22,696	24	253	13	266	0	326	331	22,701	7,483	13	0	0	0	0	1
2	2529.65	45,087	22,731	22	271	14	285	0	342	331	22,725	7,507	12	0	0	0	0	2
3	2529.67	45,134	22,755	24	265	13	278	0	326	332	22,755	7,537	13	0	0	0	0	3
4	2529.66	45,110	22,743	22	304	13	317	0	327	326	22,742	7,524	12	0	0	0	0	4
5	2529.65	45,087	22,731	20	306	12	318	0	326	312	22,716	7,498	11	0	0	0	0	5
6	2529.60	44,969	22,672	20	303	16	319	0	280	309	22,686	7,468	11	0	0	0	0	6
7	2529.59	44,945	22,660	16	304	13	317	0	321	295	22,648	7,430	9	0	0	0	0	7
8	2529.55	44,851	22,612	10	306	16	322	0	284	293	22,609	7,391	6	0	0	0	0	8
9	2529.50	44,734	22,553	17	304	13	317	0	275	277	22,552	7,334	10	0	0	0	0	9
10	2529.45	44,616	22,494	18	301	13	314	0	273	271	22,491	7,273	10	0	0	0	0	10
11	2529.40	44,499	22,435	18	293	12	305	0	264	262	22,430	7,212	10	0	0	0	0	11
12	2529.34	44,359	22,364	22	283	14	297	0	248	254	22,365	7,147	12	0	0	0	0	12
13	2529.30	44,266	22,317	20	265	12	277	0	250	247	22,315	7,097	11	0	0	0	0	13
14	2529.27	44,196	22,282	12	252	15	267	0	244	239	22,275	7,057	7	0	0	0	0	14
15	2529.23	44,103	22,235	8	250	12	262	0	223	239	22,244	7,026	5	0	0	0	0	15
16	2529.21	44,057	22,212	17	241	16	257	0	251	241	22,211	6,993	10	0	0	0	0	16
17	2529.20	44,033	22,200	15	226	19	245	0	248	240	22,191	6,973	9	0	0	0	0	17
18	2529.17	43,964	22,165	18	225	13	238	0	221	238	22,173	6,955	10	0	0	0	0	18
19	2529.15	43,917	22,141	17	237	15	252	0	245	233	22,137	6,919	10	0	0	0	0	19
20	2529.12	43,848	22,107	15	240	12	252	0	233	231	22,101	6,883	9	0	0	0	0	20
21	2529.07	43,732	22,048	18	240	15	255	0	214	223	22,051	6,833	10	0	0	0	0	21
22	2529.03	43,640	22,002	12	241	14	255	0	221	243	22,027	6,809	7	0	0	0	0	22
23	2529.04	43,663	22,013	17	253	13	266	0	294	262	22,006	6,788	10	0	0	0	0	23
24	2529.04	43,663	22,013	18	239	13	252	0	270	281	22,017	6,799	10	0	0	0	0	24
25	2529.05	43,686	22,025	19	234	15	249	0	280	274	22,023	6,805	11	0	0	0	0	25
26	2529.04	43,663	22,013	20	249	15	264	0	272	282	22,021	6,803	12	0	0	0	0	26
27	2529.04	43,663	22,013	21	260	14	274	0	295	286	22,012	6,794	12	0	0	0	0	27
28	2529.03	43,640	22,002	21	266	14	280	0	290	299	22,010	6,792	12	0	0	0	0	28
29	2529.02	43,617	21,990	23	286	16	302	0	313	307	21,992	6,774	13	0	0	0	0	29
30	2529.00	43,571	21,967	22	307	13	320	0	319	317	21,967	6,749	13	0	0	0	0	30
31	2529.01	43,594	21,979	25	318	18	336	0	373	373	21,979	6,761	14	0	0	0	0	31
TOTAL SECOND FOOT DAYS				571	8,322	436	8,758	0	8,648	8,648	21,979	6,761	324	0	0	0	0	
TOTAL ACRE-FEET				1,133	16,506	865	17,371	0	17,153	17,153	43,594	13,410	643	0	0	0	0	

By: JWR

Date: June 19, 2015

MAY 2015

	NORTH KERN WATER STORAGE DISTRICT					BUENA VISTA WATER STORAGE DISTRICT							HACIENDA WATER DISTRICT				
										FLOW ABOVE 1ST PT. CARMEL La							
	ENT'L	FLOW	FLOW ABOVE	RESERVOIR		ENT'L	FLOW				RESERVOIR		ENTITLEMENT		FLOW	RESERVOIR		
	AT 1ST	AT 1ST	1ST			AT 2ND	VIA	VIA	AT 2ND	HACIENDA			Contributed by:				
DAY	POINT	POINT	POINT	LOSS	STORAGE	POINT	KDWD	CWD	POINT	INC.	LOSS	STORAGE	NKWSD	BVWSD		LOSS	STORAGE	DAY
Previous Day	305	239	13	16	7,375	2	0	0	0	0	3	67				0	0	
1	321	253	13	21	7,416	10	0	0	0	0	3	67				0	0	1
2	321	271	14	19	7,440	10	0	0	0	0	3	67				0	0	2
3	322	265	13	21	7,470	10	0	0	0	0	3	67				0	0	3
4	318	289	13	19	7,472	8	15	0	0	0	3	52				0	0	4
5	308	296	12	17	7,456	4	10	0	0	0	3	42				0	0	5
6	306	293	16	17	7,436	3	10	0	0	0	3	32				0	0	6
7	295	304	13	14	7,400	0	0	0	0	0	2	30				0	0	7
8	293	306	16	8	7,363	0	0	0	0	0	2	28				0	0	8
9	277	304	13	14	7,309	0	0	0	0	0	3	25				0	0	9
10	271	301	13	15	7,251	0	0	0	0	0	3	22				0	0	10
11	262	293	12	15	7,193	0	0	0	0	0	3	19				0	0	11
12	254	283	14	19	7,131	0	0	0	0	0	3	16				0	0	12
13	247	265	12	17	7,084	0	0	0	0	0	3	13				0	0	13
14	239	252	15	10	7,046	0	0	0	0	0	2	11				0	0	14
15	239	250	12	7	7,016	0	0	0	0	0	1	10				0	0	15
16	241	241	16	14	6,986	0	0	0	0	0	3	7				0	0	16
17	240	226	19	13	6,968	0	0	0	0	0	2	5				0	0	17
18	238	225	13	15	6,953	0	0	0	0	0	3	2				0	0	18
19	233	237	15	14	6,920	0	0	0	0	0	3	(1)				0	0	19
20	231	240	12	13	6,886	0	0	0	0	0	2	(3)				0	0	20
21	223	240	15	16	6,838	0	0	0	0	0	2	(5)				0	0	21
22	243	241	14	10	6,816	0	0	0	0	0	2	(7)				0	0	22
23	262	253	13	15	6,797	0	0	0	0	0	2	(9)				0	0	23
24	281	239	13	16	6,810	0	0	0	0	0	2	(11)				0	0	24
25	274	234	15	16	6,819	0	0	0	0	0	3	(14)				0	0	25
26	282	249	15	17	6,820	0	0	0	0	0	3	(17)				0	0	26
27	286	260	14	18	6,814	0	0	0	0	0	3	(20)				0	0	27
28	299	266	14	18	6,815	0	0	0	0	0	3	(23)				0	0	28
29	305	286	16	20	6,798	2	0	0	0	0	3	(24)				0	0	29
30	312	307	13	19	6,773	5	0	0	0	0	3	(24)				0	0	30
31	350	318	18	22	6,785	23	0	0	0	0	3	(24)				0	0	31
S.F.D.	8,573	8,287	436	489	6,785	75	35	0	0	0	82	(24)				0	0	S.F.D.
AC.FT.	17,004	16,436	865	970	13,458	149	70	0	0	0	163	(48)				0	0	AC.FT.

TOTAL ACRE-FOOT STORAGE DAYS 434,541

TOTAL ACRE-FOOT STORAGE DAYS 660

TOTAL ACRE-FOOT STORAGE DAYS 0

MAY 2015

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
May	1-5 and 30-31	2	BVWSD STORAGE	BVWSD/City exchange of 97 acre-feet into City Storage.
May	19-31	2	BVWSD STORAGE	BVWSD storage is a negative balance due to Rec. Pool loss commitment.



REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where note

JUNE 2015

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	RIO BRAVO WELL	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED FLOW	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2529.01	43,594	21,979	25	318	18	336	0	373	373	21,979	6,761	14	0	0	0	0	
1	2529.00	43,571	21,967	30	324	17	341	0	359	359	21,967	6,749	17	0	0	0	0	1
2	2528.99	43,548	21,955	23	325	15	340	0	351	345	21,949	6,731	13	0	0	0	0	2
3	2528.96	43,479	21,921	24	326	18	344	0	334	327	21,908	6,690	14	0	0	0	0	3
4	2528.90	43,341	21,851	24	326	17	343	0	297	309	21,850	6,632	14	0	0	0	0	4
5	2528.84	43,204	21,782	20	325	16	341	0	292	293	21,782	6,564	12	0	0	0	0	5
6	2528.79	43,089	21,724	22	310	16	326	0	290	286	21,720	6,502	13	0	0	0	0	6
7	2528.73	42,953	21,655	24	303	18	321	0	276	278	21,653	6,435	14	0	0	0	0	7
8	2528.66	42,793	21,575	26	307	15	322	0	268	258	21,563	6,345	15	0	0	0	0	8
9	2528.58	42,612	21,484	10	294	17	311	0	230	245	21,487	6,269	6	0	0	0	0	9
10	2528.49	42,409	21,381	23	300	17	317	0	237	239	21,386	6,168	14	0	0	0	0	10
11	2528.41	42,251	21,302	23	290	15	305	0	249	256	21,314	6,096	14	0	0	0	0	11
12	2528.38	42,161	21,256	16	295	18	313	0	283	270	21,255	6,037	10	0	0	0	0	12
13	2528.32	42,026	21,188	22	308	15	323	0	277	276	21,186	5,968	13	0	0	0	0	13
14	2528.24	41,847	21,098	28	312	19	331	0	269	282	21,109	5,891	17	0	0	0	0	14
15	2528.17	41,691	21,019	28	335	17	352	0	301	289	21,018	5,800	17	0	0	0	0	15
16	2528.11	41,557	20,952	28	318	17	335	0	296	286	20,941	5,723	17	0	0	0	0	16
17	2528.02	41,357	20,851	27	316	18	334	0	260	258	20,838	5,620	17	0	0	0	0	17
18	2527.91	41,114	20,728	30	297	15	312	0	219	219	20,715	5,497	19	0	0	0	0	18
19	2527.76	40,784	20,562	31	295	19	314	0	179	185	20,555	5,337	19	0	0	0	0	19
20	2527.58	40,391	20,364	30	311	15	326	0	158	166	20,365	5,147	19	0	0	0	0	20
21	2527.32	39,828	20,080	31	396	18	414	0	161	165	20,085	4,867	20	0	0	0	0	21
22	2527.06	39,270	19,799	30	409	18	427	0	176	167	19,795	4,577	20	0	0	0	0	22
23	2526.86	38,846	19,585	28	335	16	351	0	165	171	19,587	4,369	19	0	0	0	0	23
24	2526.68	38,466	19,393	24	324	17	341	0	173	167	19,389	4,171	16	0	0	0	0	24
25	2526.49	38,069	19,193	23	324	17	341	0	164	160	19,185	3,967	16	0	0	0	0	25
26	2526.30	37,674	18,994	25	300	16	316	0	142	148	18,992	3,774	17	0	0	0	0	26
27	2526.10	37,263	18,787	21	301	19	320	0	134	137	18,788	3,570	15	0	0	0	0	27
28	2525.91	36,875	18,591	17	298	17	315	0	136	139	18,595	3,377	12	0	0	0	0	28
29	2525.73	36,510	18,407	19	294	18	312	0	147	143	18,407	3,189	14	0	0	0	0	29
30	2525.55	36,147	18,224	23	285	16	301	0	141	141	18,224	3,006	17	0	0	0	0	30
TOTAL SECOND FOOT DAYS				730	9,483	506	9,989	0	6,964	6,964	18,224	3,006	460	0	0	0	0	
TOTAL ACRE-FEET				1,448	18,809	1,003	19,812	0	13,813	13,813	36,147	5,963	912	0	0	0	0	

By: JWR Date: July 20, 2015

JUNE 2015

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	350	318	18	22	6,785
1	340	324	17	26	6,773
2	331	325	15	20	6,755
3	318	326	18	21	6,714
4	306	326	17	21	6,656
5	293	325	16	17	6,591
6	286	310	16	19	6,532
7	278	303	18	21	6,468
8	258	307	15	22	6,382
9	245	294	17	9	6,307
10	239	300	17	20	6,209
11	256	290	15	20	6,140
12	270	295	18	14	6,083
13	276	308	15	19	6,017
14	282	312	19	24	5,944
15	289	335	17	24	5,857
16	286	318	17	24	5,784
17	258	316	18	23	5,685
18	219	297	15	25	5,567
19	185	295	19	26	5,412
20	166	311	15	25	5,227
21	165	396	18	26	4,952
22	167	409	18	25	4,667
23	171	335	16	23	4,464
24	167	324	17	20	4,270
25	160	324	17	19	4,070
26	148	300	16	21	3,881
27	137	301	19	17	3,681
28	139	298	17	14	3,491
29	143	294	18	16	3,306
30	141	285	16	19	3,127
S.F.D.	6,919	9,483	506	620	3,127
AC.FT.	13,724	18,809	1,003	1,230	6,203

TOTAL ACRE-FOOT STORAGE DAYS 323,330

BUENA VISTA WATER STORAGE DISTRICT

DAY	ENT'L AT 2ND POINT	FLOW VIA KDWD	FLOW KDWD/ ID 4	FLOW Pioneer Canal	FLOW Via CWD	FLOW VIA RRBWSD	FLOW AT 2ND POINT	FLOW ABOVE 1ST PT. CARMEL La HACIENDA INC.	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	23	0	0	0	0	0	0	0	3	(24)
1	19	0	0	0	0	0	0	0	4	(24)
2	14	0	0	0	0	0	0	0	3	(24)
3	9	0	0	0	0	0	0	0	3	(24)
4	3	0	0	0	0	0	0	0	3	(24)
5	0	0	0	0	0	0	0	0	3	(27)
6	0	0	0	0	0	0	0	0	3	(30)
7	0	0	0	0	0	0	0	0	3	(33)
8	0	0	0	0	0	0	0	0	4	(37)
9	0	0	0	0	0	0	0	0	1	(38)
10	0	0	0	0	0	0	0	0	3	(41)
11	0	0	0	0	0	0	0	0	3	(44)
12	0	0	0	0	0	0	0	0	2	(46)
13	0	0	0	0	0	0	0	0	3	(49)
14	0	0	0	0	0	0	0	0	4	(53)
15	0	0	0	0	0	0	0	0	4	(57)
16	0	0	0	0	0	0	0	0	4	(61)
17	0	0	0	0	0	0	0	0	4	(65)
18	0	0	0	0	0	0	0	0	5	(70)
19	0	0	0	0	0	0	0	0	5	(75)
20	0	0	0	0	0	0	0	0	5	(80)
21	0	0	0	0	0	0	0	0	5	(85)
22	0	0	0	0	0	0	0	0	5	(90)
23	0	0	0	0	0	0	0	0	5	(95)
24	0	0	0	0	0	0	0	0	4	(99)
25	0	0	0	0	0	0	0	0	4	(103)
26	0	0	0	0	0	0	0	0	4	(107)
27	0	0	0	0	0	0	0	0	4	(111)
28	0	0	0	0	0	0	0	0	3	(114)
29	0	0	0	0	0	0	0	0	3	(117)
30	0	0	0	0	0	0	0	0	4	(121)
S.F.D.	45	0	0	0	0	0	0	0	110	(121)
AC.FT.	89	0	0	0	0	0	0	0	218	(240)

TOTAL ACRE-FOOT STORAGE DAYS (3,856)

HACIENDA WATER DISTRICT

DAY	ENTITLEMENT Contributed by: NKWSD	ENTITLEMENT Contributed by: BVWSD	FLOW TRANS. LOSS	FLOW FOR KCWA	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day					0	0
1					0	0
2					0	0
3					0	0
4					0	0
5					0	0
6					0	0
7					0	0
8					0	0
9					0	0
10					0	0
11					0	0
12					0	0
13					0	0
14					0	0
15					0	0
16					0	0
17					0	0
18					0	0
19					0	0
20					0	0
21					0	0
22					0	0
23					0	0
24					0	0
25					0	0
26					0	0
27					0	0
28					0	0
29					0	0
30					0	0
S.F.D.					0	0
AC.FT.					0	0

TOTAL ACRE-FOOT STORAGE DAYS 0

JUNE 2015

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
June	1-3	2	BVWSD STORAGE	BVWSD/City exchange of 63 acre-feet into City Storage.
June	1-30	2	BVWSD STORAGE	BVWSD storage is a negative balance due to Rec. Pool loss commitment.

MONTHLY AVERAGES for BAKERSFIELD, CALIFORNIA

Month	Average High (°F)	Average Low (°F)	Mean (°F)	Average Precipitation	Record High (°F)	Record Low (°F)
Jan	56°	39°	48°	1.16 in.	82° (1984)	14° (1908)
Feb	63°	42°	53°	1.24 in.	88° (1902)	20° (1901)
Mar	69°	47°	58°	1.21 in.	94° (2004)	20° (1917)
Apr	75°	50°	63°	0.52 in.	101° (1981)	28° (1893)
May	84°	58°	71°	0.18 in.	110° (1910)	34° (1907)
Jun	91°	64°	78°	0.08 in.	114° (1976)	38° (1907)
Jul	97°	71°	84°	0.00 in.	118° (1908)	46° (1903)
Aug	96°	69°	82°	0.04 in.	117° (1933)	44° (1903)
Sep	90°	64°	77°	0.08 in.	112° (1955)	30° (1908)
Oct	79°	55°	67°	0.30 in.	104° (1933)	29° (1971)
Nov	66°	45°	55°	0.64 in.	95° (1921)	22° (1931)
Dec	57°	39°	48°	1.02 in.	87° (1915)	13° (1905)

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

JULY 2015

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	RIO BRAVO WELL	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED - RIO BRAVO WELL	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2525.55	36,147	18,224	23	285	16	301	0	141	141	18,224	3,006	17	0	0	0	0	
1	2525.40	35,847	18,073	12	282	17	299	0	160	160	18,073	2,855	9	0	0	0	0	1
2	2525.27	35,589	17,943	23	285	19	304	0	197	197	17,943	2,725	17	0	0	0	0	2
3	2525.37	35,788	18,043	24	243	16	259	0	383	383	18,043	2,825	18	0	0	0	0	3
4	2525.49	36,027	18,164	27	200	16	216	0	364	336	18,136	2,918	20	0	0	0	0	4
5	2525.47	35,987	18,143	26	257	19	276	0	281	325	18,159	2,941	19	0	0	0	0	5
6	2525.45	35,947	18,123	26	309	16	325	0	331	302	18,110	2,892	19	0	0	0	0	6
7	2525.36	35,768	18,033	24	341	19	360	0	294	301	18,027	2,809	18	0	0	0	0	7
8	2525.25	35,550	17,923	23	349	17	366	0	279	265	17,903	2,685	17	0	0	0	0	8
9	2525.12	35,282	17,788	22	317	17	334	0	221	238	17,785	2,567	17	0	0	0	0	9
10	2524.99	35,037	17,664	20	303	16	319	0	215	228	17,674	2,456	15	0	0	0	0	10
11	2524.89	34,842	17,566	21	306	18	324	0	247	232	17,561	2,343	16	0	0	0	0	11
12	2524.81	34,686	17,488	22	274	16	290	0	234	227	17,476	2,258	17	0	0	0	0	12
13	2524.72	34,511	17,399	23	248	18	266	0	200	206	17,393	2,175	18	0	0	0	0	13
14	2524.61	34,298	17,292	24	247	19	266	0	183	187	17,290	2,072	19	0	0	0	0	14
15	2524.50	34,087	17,186	24	241	18	259	0	177	180	17,187	1,969	19	0	0	0	0	15
16	2524.43	33,953	17,118	24	207	16	223	0	179	164	17,104	1,886	19	0	0	0	0	16
17	2524.34	33,780	17,031	23	182	18	200	0	136	160	17,041	1,823	18	0	0	0	0	17
18	2524.28	33,666	16,973	18	190	15	205	0	165	151	16,969	1,751	15	0	0	0	0	18
19	2524.21	33,533	16,906	14	185	17	202	0	149	168	16,921	1,703	11	0	0	0	0	19
20	2524.18	33,476	16,877	14	187	17	204	0	189	183	16,886	1,668	11	0	0	0	0	20
21	2524.18	33,476	16,877	20	174	18	192	0	212	205	16,879	1,661	16	0	0	0	0	21
22	2524.21	33,533	16,906	22	144	19	163	0	214	226	16,920	1,702	18	0	0	0	0	22
23	2524.26	33,628	16,954	24	163	18	181	0	253	228	16,943	1,725	19	0	0	0	0	23
24	2524.25	33,609	16,945	25	186	15	201	0	217	216	16,933	1,715	20	0	0	0	0	24
25	2524.18	33,476	16,877	25	202	18	220	0	177	190	16,878	1,660	20	0	0	0	0	25
26	2524.09	33,306	16,792	24	220	18	238	0	177	181	16,797	1,579	20	0	0	0	0	26
27	2524.03	33,193	16,735	26	205	16	221	0	190	174	16,724	1,506	21	0	0	0	0	27
28	2523.99	33,118	16,697	21	155	18	173	0	156	166	16,696	1,478	17	0	0	0	0	28
29	2523.95	33,043	16,659	21	152	18	170	0	153	148	16,653	1,435	17	0	0	0	0	29
30	2523.91	32,968	16,621	14	141	17	158	0	134	140	16,621	1,403	12	0	0	0	0	30
31	2523.85	32,855	16,564	17	129	17	146	0	106	106	16,564	1,346	14	0	0	0	0	31
TOTAL SECOND FOOT DAYS				673	7,024	536	7,560	0	6,573	6,573	16,564	1,346	526	0	0	0	0	
TOTAL ACRE-FEET				1,335	13,932	1,062	14,994	0	13,037	13,037	32,855	2,671	1,043	0	0	0	0	

By: JWR

Date: August 18, 2015

JULY 2015

	NORTH KERN WATER STORAGE DISTRICT					BUENA VISTA WATER STORAGE DISTRICT								HACIENDA WATER DISTRICT				
								FLOW				FLOW ABOVE 1ST PT. CARMEL		ENTITLEMENT	FLOW			
	ENT'L	FLOW	FLOW ABOVE	RESERVOIR		ENT'L							RESERVOIR	Contributed by:		RESERVOIR		
DAY	AT 1ST POINT	AT 1ST POINT	1ST POINT	LOSS	STORAGE	AT 2ND POINT	VIA KDWD	HMWD/ KDWD	VIA CWD	AT 2ND POINT	La HACIENDA INC.	LOSS	STORAGE	NKWSD BVWSD		LOSS	STORAGE	DAY
Previous Day	141	285	16	19	3,127	0	0	0	0	0	0	4	(121)			0	0	
1	160	282	17	10	2,978	0	0	0	0	0	0	2	(123)			0	0	1
2	197	285	19	19	2,852	0	0	0	0	0	0	4	(127)			0	0	2
3	357	243	16	20	2,952	26	0	0	0	0	0	4	(127)			0	0	3
4	325	200	16	22	3,045	11	0	0	0	0	0	5	(127)			0	0	4
5	317	257	19	22	3,068	8	0	0	0	0	0	4	(127)			0	0	5
6	301	309	16	22	3,022	1	0	0	0	0	0	4	(130)			0	0	6
7	301	341	19	20	2,943	0	0	0	0	0	0	4	(134)			0	0	7
8	265	349	17	19	2,823	0	0	0	0	0	0	4	(138)			0	0	8
9	238	317	17	18	2,709	0	0	0	0	0	0	4	(142)			0	0	9
10	228	303	16	17	2,601	0	0	0	0	0	0	3	(145)			0	0	10
11	232	306	18	17	2,492	0	0	0	0	0	0	4	(149)			0	0	11
12	227	274	16	18	2,411	0	0	0	0	0	0	4	(153)			0	0	12
13	206	248	18	19	2,332	0	0	0	0	0	0	4	(157)			0	0	13
14	187	247	19	20	2,233	0	0	0	0	0	0	4	(161)			0	0	14
15	180	241	18	20	2,134	0	0	0	0	0	0	4	(165)			0	0	15
16	164	207	16	20	2,055	0	0	0	0	0	0	4	(169)			0	0	16
17	160	182	18	19	1,996	0	0	0	0	0	0	4	(173)			0	0	17
18	151	190	15	15	1,927	0	0	0	0	0	0	3	(176)			0	0	18
19	168	185	17	12	1,881	0	0	0	0	0	0	2	(178)			0	0	19
20	183	187	17	12	1,848	0	0	0	0	0	0	2	(180)			0	0	20
21	205	174	18	16	1,845	0	0	0	0	0	0	4	(184)			0	0	21
22	226	144	19	18	1,890	0	0	0	0	0	0	4	(188)			0	0	22
23	228	163	18	20	1,917	0	0	0	0	0	0	4	(192)			0	0	23
24	216	186	15	21	1,911	0	0	0	0	0	0	4	(196)			0	0	24
25	190	202	18	21	1,860	0	0	0	0	0	0	4	(200)			0	0	25
26	181	220	18	19	1,784	0	0	0	0	0	0	5	(205)			0	0	26
27	174	205	16	21	1,716	0	0	0	0	0	0	5	(210)			0	0	27
28	166	155	18	17	1,692	0	0	0	0	0	0	4	(214)			0	0	28
29	148	152	18	17	1,653	0	0	0	0	0	0	4	(218)			0	0	29
30	140	141	17	11	1,624	0	0	0	0	0	0	3	(221)			0	0	30
31	106	129	17	14	1,570	0	0	0	0	0	0	3	(224)			0	0	31
S.F.D.	6,527	7,024	536	556	1,570	46	0	0	0	0	0	117	(224)			0	0	S.F.D.
AC.FT.	12,946	13,932	1,062	1,103	3,115	91	0	0	0	0	0	232	(444)			0	0	AC.FT.

TOTAL ACRE-FOOT STORAGE DAYS 138,374

TOTAL ACRE-FOOT STORAGE DAYS (10,379)

TOTAL ACRE-FOOT STORAGE DAYS 0

JULY 2015

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
July	3-5	2	BVWSD STORAGE	BVWSD/City exchange of 63 acre-feet into City Storage.

KERN RIVER APRIL-JULY RUNOFF

FIRST POINT OF MEASUREMENT

1894 TO DATE

Acre-foot Quantities in Order of Magnitude

Year: 2015

YEAR	APR	MAY	JUN	JUL	TOTAL	% OF AVERAGE
2015	**13,662**	**17,153**	**13,813**	**13,037**	**57,665**	**13%**
1961	24,137	29,980	24,305	8,952	87,374	19%
1924	28,540	41,722	14,069	8,225	92,556	20%
2014	26,527	40,042	20,965	7,016	94,550	21%
1977	23,391	25,630	35,655	10,973	95,649	21%
1931	23,440	41,867	24,262	8,493	98,062	21%
2013	32,212	39,509	19,494	11,700	102,915	22%
1976	25,924	47,151	20,930	14,749	108,754	24%
1990	32,019	38,600	29,345	13,380	113,344	25%
1934	39,919	43,065	21,820	11,341	116,145	25%
2007	35,649	51,267	24,131	12,363	123,410	27%
1972	28,288	45,965	38,531	14,936	127,720	28%
1959	40,566	39,945	32,061	18,013	130,585	29%
1898	42,248	45,213	32,809	15,033	135,303	30%
1988	39,584	58,350	43,140	20,969	162,043	35%
1960	46,272	58,336	47,181	16,683	168,472	37%
2012	65,851	69,671	26,945	14,154	176,621	39%
1992	55,448	74,394	32,987	16,324	179,153	39%
1964	42,946	61,521	54,658	23,803	182,928	40%
1994	46,489	67,224	56,223	21,068	191,004	42%
1928	37,757	76,885	60,344	18,716	193,702	42%
1900	28,102	68,295	76,366	24,125	196,888	43%
1949	50,517	84,508	57,685	17,201	209,911	46%
1987	55,236	75,108	56,146	24,918	211,408	46%
1913	42,494	73,561	60,738	34,929	211,722	46%
1899	53,133	51,353	79,178	30,046	213,710	47%
2002	58,838	69,991	63,775	22,703	215,307	47%
1929	39,064	85,995	63,487	30,986	219,532	48%
1966	68,779	82,336	45,431	23,347	219,893	48%
2004	64,197	78,343	56,378	23,084	222,002	49%
1955	37,567	69,544	86,660	31,014	224,785	49%
1930	53,506	67,851	82,824	28,401	232,582	51%
1926	66,079	98,598	49,530	18,575	232,782	51%
1989	91,380	71,849	49,823	21,378	234,430	51%
1948	43,976	86,108	78,565	31,331	239,980	52%
1971	52,661	66,635	82,707	42,472	244,475	53%
1968	85,584	87,991	64,054	30,690	248,319	54%
1947	60,353	110,325	57,778	21,116	249,572	55%
2001	58,249	124,417	43,033	24,593	250,292	55%
1912	37,246	80,471	100,925	33,170	251,812	55%
1999	55,843	95,199	68,733	32,852	252,627	55%
1981	69,320	91,914	65,817	25,630	252,681	55%
1908	79,320	79,418	60,305	41,851	260,894	57%
1951	48,914	85,039	88,990	38,941	261,884	57%
1939	92,136	92,253	58,400	25,480	268,269	59%
1991	58,092	79,763	100,423	38,265	276,543	60%
1957	38,644	79,355	132,359	41,988	292,346	64%
2009	63,650	130,352	65,252	35,907	295,161	64%
1894	88,974	98,801	64,564	43,061	295,400	65%
1933	57,265	60,026	125,395	56,898	299,584	65%
1950	76,155	98,483	90,367	34,901	299,906	66%
2000	67,388	129,406	81,396	28,306	306,496	67%
1925	56,408	102,016	96,252	58,437	313,113	68%
1904	59,812	113,205	103,904	39,725	316,646	69%
1970	63,513	110,057	95,700	50,138	319,408	70%
1921	51,723	100,096	120,387	49,119	321,325	70%
2003	56,146	113,472	118,383	37,075	325,076	71%
1953	70,730	86,019	103,164	69,657	329,570	72%
2008	80,991	123,177	89,078	38,095	331,341	72%
1923	73,355	120,849	82,528	55,800	332,532	73%
1918	74,513	78,722	136,753	44,828	334,816	73%

YEAR	APR	MAY	JUN	JUL	TOTAL	% OF AVERAGE
1919	86,574	140,215	81,844	34,364	342,997	75%
1935	71,042	103,787	133,634	42,184	350,647	77%
1910	102,883	127,733	79,464	42,046	352,126	77%
1954	101,203	139,719	73,553	39,642	354,117	77%
1905	62,047	117,748	132,766	53,835	366,396	80%
1896	57,864	86,174	146,124	82,760	372,922	81%
1975	46,602	147,001	140,660	51,917	386,180	84%
1902	107,403	109,904	128,853	43,436	389,596	85%
1946	109,658	155,476	85,880	39,733	390,747	85%
1903	74,315	132,097	139,222	53,355	398,989	87%
1944	80,223	150,109	115,862	59,197	405,391	89%
1979	102,079	164,935	106,112	46,733	419,859	92%
1984	91,359	161,613	93,114	77,046	423,132	92%
1985	136,241	146,799	99,858	41,395	424,293	93%
1920	83,370	158,904	137,840	50,699	430,813	94%
1915	80,916	124,506	172,324	77,496	455,242	99%
1965	80,043	131,980	149,357	95,288	456,668	100%
1963	69,412	137,839	163,944	105,384	476,579	104%
1940	118,175	196,465	145,503	50,471	510,614	112%
1962	147,463	135,884	157,253	74,874	515,474	113%
1927	100,362	184,721	161,153	75,481	521,717	114%
1942	112,586	150,036	178,754	81,529	522,905	114%
1956	97,553	159,683	168,876	99,529	525,641	115%
1932	111,273	154,742	166,404	94,013	526,432	115%
1974	114,113	183,733	167,740	69,580	535,166	117%
1917	126,329	165,062	187,638	81,275	560,304	122%
1997	142,909	214,290	142,358	71,919	571,476	125%
2010	95,484	163,601	226,437	94,875	580,397	127%
1936	157,290	219,404	137,028	67,902	581,624	127%
1901	83,190	186,446	197,792	114,613	582,041	127%
1993	133,993	200,864	162,420	87,414	584,691	128%
1945	131,246	205,509	169,002	91,593	597,350	131%
1996	147,959	225,987	154,883	70,502	599,331	131%
1922	84,407	242,259	202,395	88,649	617,710	135%
1897	173,393	281,639	137,393	61,837	654,262	143%
1907	197,720	199,950	183,995	97,083	678,748	148%
1914	144,934	210,676	201,064	128,338	685,012	150%
1895	162,071	268,635	172,890	91,133	694,729	152%
1943	198,736	254,785	155,650	88,011	697,182	152%
1911	138,113	184,481	222,076	156,498	701,168	153%
1973	110,892	288,652	230,390	93,834	723,768	158%
2005	132,119	288,847	238,352	129,182	788,500	172%
2006	147,043	309,409	232,520	106,756	795,728	174%
1982	212,963	254,985	198,748	130,098	796,794	174%
1958	168,105	316,974	230,866	115,724	831,669	182%
1937	183,505	352,050	225,395	91,097	852,047	186%
1986	208,147	293,335	263,794	121,398	886,674	194%
1967	99,509	269,631	311,063	243,802	924,005	202%
1995	143,244	255,046	293,129	237,802	929,221	203%
2011	231,304	261,005	274,675	175,874	942,858	206%
1938	223,928	315,044	291,880	130,917	961,769	210%
1980	211,608	287,825	282,877	208,715	991,025	217%
1941	124,615	386,666	309,960	174,416	995,657	218%
1978	181,700	363,157	354,825	194,693	1,094,375	239%
1952	222,633	434,769	302,557	159,856	1,119,815	245%
1998	189,663	308,440	371,835	267,435	1,137,373	248%
1909	247,402	382,617	394,086	194,870	1,218,975	266%
1906	173,143	360,234	458,418	399,841	1,391,636	304%
1983	206,473	478,625	571,846	288,866	1,545,810	338%
1916	481,749	472,994	391,700	225,154	1,571,597	343%
1969	378,333	617,968	496,796	254,777	1,747,874	382%
MAXIMUM	481,749	617,968	571,846	399,841	1,747,874	
MINIMUM	13,662	17,153	13,813	7,016	57,665	
AVERAGE	97,552	153,591	135,916	70,653	457,712	

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

AUGUST 2015

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	RIO BRAVO WELL	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED - RIO BRAVO WELL	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2523.85	32,855	16,564	17	129	17	146	0	106	106	16,564	1,346	14	0	0	0	0	
1	2523.83	32,818	16,546	26	109	18	127	0	135	135	16,546	1,328	22	0	0	0	0	1
2	2523.81	32,781	16,527	24	97	17	114	0	119	124	16,532	1,314	20	0	0	0	0	2
3	2523.77	32,706	16,489	26	113	18	131	0	119	119	16,494	1,276	22	0	0	0	0	3
4	2523.73	32,632	16,452	24	116	18	134	0	121	116	16,452	1,234	20	0	0	0	0	4
5	2523.70	32,576	16,424	20	101	17	118	0	110	111	16,425	1,207	17	0	0	0	0	5
6	2523.67	32,521	16,396	15	97	19	116	0	103	108	16,402	1,184	13	0	0	0	0	6
7	2523.65	32,483	16,377	24	90	18	108	0	113	107	16,377	1,159	20	0	0	0	0	7
8	2523.63	32,446	16,358	22	83	18	101	0	104	106	16,360	1,142	19	0	0	0	0	8
9	2523.60	32,391	16,330	22	90	17	107	0	101	102	16,333	1,115	19	0	0	0	0	9
10	2523.58	32,354	16,312	22	82	16	98	0	102	95	16,308	1,090	19	0	0	0	0	10
11	2523.54	32,280	16,275	22	83	16	99	0	84	93	16,280	1,062	19	0	0	0	0	11
12	2523.51	32,225	16,247	22	81	17	98	0	92	83	16,243	1,025	19	0	0	0	0	12
13	2523.47	32,151	16,209	20	74	19	93	0	75	79	16,209	991	17	0	0	0	0	13
14	2523.43	32,078	16,173	23	67	17	84	0	71	75	16,177	959	20	0	0	0	0	14
15	2523.40	32,023	16,145	23	67	18	85	0	80	76	16,145	927	20	0	0	0	0	15
16	2523.38	31,986	16,126	22	57	18	75	0	78	77	16,125	907	19	0	0	0	0	16
17	2523.34	31,913	16,089	25	71	16	87	0	75	68	16,081	863	22	0	0	0	0	17
18	2523.28	31,803	16,034	26	64	17	81	0	52	64	16,038	820	23	0	0	0	0	18
19	2523.22	31,694	15,979	26	73	20	93	0	64	56	15,975	757	23	0	0	0	0	19
20	2523.16	31,585	15,924	27	65	15	80	0	52	63	15,931	713	24	0	0	0	0	20
21	2523.14	31,549	15,906	24	50	18	68	0	74	66	15,905	687	22	0	0	0	0	21
22	2523.13	31,531	15,897	24	41	17	58	0	73	72	15,895	677	22	0	0	0	0	22
23	2523.12	31,512	15,887	21	40	17	57	0	68	68	15,885	667	19	0	0	0	0	23
24	2523.10	31,476	15,869	22	42	18	60	0	64	67	15,870	652	20	0	0	0	0	24
25	2523.09	31,458	15,860	14	46	17	63	0	68	65	15,858	640	13	0	0	0	0	25
26	2523.06	31,404	15,833	26	46	17	63	0	62	66	15,835	617	24	0	0	0	0	26
27	2523.04	31,368	15,815	21	48	18	66	0	69	67	15,815	597	19	0	0	0	0	27
28	2523.03	31,350	15,806	20	41	17	58	0	69	62	15,799	581	18	0	0	0	0	28
29	2523.00	31,296	15,778	25	35	17	52	0	49	51	15,773	555	23	0	0	0	0	29
30	2522.96	31,224	15,742	19	36	15	51	0	34	39	15,742	524	17	0	0	0	0	30
31	2522.94	31,188	15,724	20	36	17	53	0	55	55	15,724	506	18	0	0	0	0	31
TOTAL SECOND FOOT DAYS				697	2,141	537	2,678	0	2,535	2,535	15,724	506	612	0	0	0	0	
TOTAL ACRE-FEET				1,382	4,247	1,066	5,313	0	5,028	5,028	31,188	1,004	1,214	0	0	0	0	

By: _____ Date: September 17, 2015

AUGUST 2015

	NORTH KERN WATER STORAGE DISTRICT					BUENA VISTA WATER STORAGE DISTRICT								HACIENDA WATER DISTRICT				
							FLOW				FLOW ABOVE 1ST PT. CARMEL			ENTITLEMENT	FLOW			
	ENT'L	FLOW	FLOW ABOVE	RESERVOIR		ENT'L					La	RESERVOIR		Contributed by:		RESERVOIR		
DAY	AT 1ST POINT	AT 1ST POINT	1ST POINT	LOSS	STORAGE	AT 2ND POINT	VIA KDWD	HMWD/ KDWD	VIA CWD	AT 2ND POINT	HACIENDA INC.	LOSS	STORAGE	NKWSD BVWSD		LOSS	STORAGE	DAY
Previous Day	106	129	17	14	1,570	0	0	0	0	0	0	3	(224)			0	0	
1	135	109	18	21	1,557	0	0	0	0	0	0	5	(229)			0	0	1
2	124	97	17	20	1,547	0	0	0	0	0	0	4	(233)			0	0	2
3	119	113	18	21	1,514	0	0	0	0	0	0	5	(238)			0	0	3
4	116	116	18	20	1,476	0	0	0	0	0	0	4	(242)			0	0	4
5	111	101	17	16	1,453	0	0	0	0	0	0	4	(246)			0	0	5
6	108	97	19	12	1,433	0	0	0	0	0	0	3	(249)			0	0	6
7	107	90	18	20	1,412	0	0	0	0	0	0	4	(253)			0	0	7
8	106	83	18	18	1,399	0	0	0	0	0	0	4	(257)			0	0	8
9	102	90	17	18	1,376	0	0	0	0	0	0	4	(261)			0	0	9
10	95	82	16	18	1,355	0	0	0	0	0	0	4	(265)			0	0	10
11	93	83	16	18	1,331	0	0	0	0	0	0	4	(269)			0	0	11
12	83	81	17	18	1,298	0	0	0	0	0	0	4	(273)			0	0	12
13	79	74	19	17	1,267	0	0	0	0	0	0	3	(276)			0	0	13
14	75	67	17	19	1,239	0	0	0	0	0	0	4	(280)			0	0	14
15	76	67	18	19	1,211	0	0	0	0	0	0	4	(284)			0	0	15
16	77	57	18	18	1,195	0	0	0	0	0	0	4	(288)			0	0	16
17	68	71	16	20	1,156	0	0	0	0	0	0	5	(293)			0	0	17
18	64	64	17	21	1,118	0	0	0	0	0	0	5	(298)			0	0	18
19	56	73	20	21	1,060	0	0	0	0	0	0	5	(303)			0	0	19
20	63	65	15	22	1,021	0	0	0	0	0	0	5	(308)			0	0	20
21	66	50	18	19	1,000	0	0	0	0	0	0	5	(313)			0	0	21
22	72	41	17	19	995	0	0	0	0	0	0	5	(318)			0	0	22
23	68	40	17	17	989	0	0	0	0	0	0	4	(322)			0	0	23
24	67	42	18	18	978	0	0	0	0	0	0	4	(326)			0	0	24
25	65	46	17	11	969	0	0	0	0	0	0	3	(329)			0	0	25
26	66	46	17	21	951	0	0	0	0	0	0	5	(334)			0	0	26
27	67	48	18	17	935	0	0	0	0	0	0	4	(338)			0	0	27
28	62	41	17	17	922	0	0	0	0	0	0	3	(341)			0	0	28
29	51	35	17	20	901	0	0	0	0	0	0	5	(346)			0	0	29
30	39	36	15	16	873	0	0	0	0	0	0	3	(349)			0	0	30
31	55	36	17	17	858	0	0	0	0	0	0	3	(352)			0	0	31
S.F.D.	2,535	2,141	537	569	858	0	0	0	0	0	0	128	(352)			0	0	S.F.D.
AC.FT.	5,028	4,247	1,066	1,128	1,702	0	0	0	0	0	0	254	(698)			0	0	AC.FT.

TOTAL ACRE-FOOT STORAGE DAYS 72,970

TOTAL ACRE-FOOT STORAGE DAYS (17,877)

TOTAL ACRE-FOOT STORAGE DAYS 0

AUGUST 2015

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
				None



REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

SEPTEMBER 2015

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED FLOW	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2522.94	31,188	15,724	20	36	17	53	55	55	15,724	506	18	0	0	0	0	
1	2522.93	31,170	15,715	19	37	16	53	63	63	15,715	497	17	0	0	0	0	1
2	2522.91	31,134	15,697	21	37	18	55	58	54	15,693	475	19	0	0	0	0	2
3	2522.88	31,080	15,670	20	37	17	54	47	49	15,668	450	18	0	0	0	0	3
4	2522.85	31,026	15,642	19	35	16	51	42	45	15,643	425	18	0	0	0	0	4
5	2522.82	30,972	15,615	19	36	17	53	45	50	15,621	403	18	0	0	0	0	5
6	2522.81	30,954	15,606	19	35	17	52	62	55	15,605	387	18	0	0	0	0	6
7	2522.79	30,919	15,588	19	38	18	56	57	61	15,591	373	18	0	0	0	0	7
8	2522.78	30,901	15,579	20	35	17	52	63	57	15,576	358	19	0	0	0	0	8
9	2522.76	30,865	15,561	18	35	16	51	51	58	15,565	347	17	0	0	0	0	9
10	2522.75	30,848	15,553	16	36	16	52	60	54	15,551	333	15	0	0	0	0	10
11	2522.73	30,812	15,534	19	35	15	50	50	60	15,542	324	18	0	0	0	0	11
12	2522.71	30,776	15,516	20	52	16	68	70	61	15,515	297	19	0	0	0	0	12
13	2522.68	30,723	15,490	22	52	15	67	63	67	15,493	275	21	0	0	0	0	13
14	2522.67	30,705	15,480	13	47	18	65	68	62	15,477	259	12	0	0	0	0	14
15	2522.65	30,670	15,463	16	41	16	57	56	51	15,455	237	15	0	0	0	0	15
16	2522.60	30,581	15,418	18	40	17	57	30	49	15,429	211	17	0	0	0	0	16
17	2522.59	30,563	15,409	18	36	16	52	61	58	15,417	199	17	0	0	0	0	17
18	2522.60	30,581	15,418	14	43	17	60	83	75	15,418	200	13	0	0	0	0	18
19	2522.61	30,599	15,427	18	36	15	51	78	74	15,423	205	17	0	0	0	0	19
20	2522.60	30,581	15,418	18	36	17	53	62	67	15,419	201	17	0	0	0	0	20
21	2522.59	30,563	15,409	18	36	17	53	62	64	15,412	194	17	0	0	0	0	21
22	2522.58	30,545	15,400	23	37	17	54	68	62	15,397	179	22	0	0	0	0	22
23	2522.56	30,510	15,382	20	36	19	55	57	63	15,385	167	19	0	0	0	0	23
24	2522.54	30,475	15,364	16	45	20	65	63	61	15,365	147	15	0	0	0	0	24
25	2522.52	30,439	15,346	18	46	18	64	64	62	15,345	127	17	0	0	0	0	25
26	2522.49	30,387	15,320	17	46	21	67	58	60	15,321	103	16	0	0	0	0	26
27	2522.47	30,351	15,302	14	46	17	63	59	59	15,303	85	14	0	0	0	0	27
28	2522.44	30,299	15,276	16	47	24	71	61	61	15,277	59	16	0	0	0	0	28
29	2522.42	30,263	15,258	16	47	18	65	63	62	15,258	40	16	0	0	0	0	29
30	2522.39	30,211	15,231	18	37	19	56	47	47	15,231	13	18	0	0	0	0	30
TOTAL SECOND FOOT DAYS				542	1,202	520	1,722	1,771	1,771	15,231	13	513	0	0	0	0	
TOTAL ACRE-FEET				1,075	2,384	1,031	3,415	3,513	3,513	30,211	27	1,018	0	0	0	0	

By: JWR

Date: October 19, 2015

SEPTEMBER 2015

	NORTH KERN WATER STORAGE DISTRICT					BUENA VISTA WATER STORAGE DISTRICT							HACIENDA WATER DISTRICT				
							FLOW			FLOW ABOVE 1ST PT. CARMEL La			ENTITLEMENT	FLOW			
	ENT'L	FLOW	FLOW ABOVE	RESERVOIR		ENT'L	VIA	VIA	AT 2ND	HACIENDA	RESERVOIR		Contributed by:		RESERVOIR		
DAY	AT 1ST POINT	AT 1ST POINT	1ST POINT	LOSS	STORAGE	AT 1ST POINT	KDWD	CWD	POINT	INC.	LOSS	STORAGE	NKWSD	BVWSD	LOSS	STORAGE	DAY
Previous Day	55	36	17	17	858	0	0	0	0	0	3	(352)			0	0	
1	63	37	16	15	853	0	0	0	0	0	4	(356)			0	0	1
2	54	37	18	16	836	0	0	0	0	0	5	(361)			0	0	2
3	49	37	17	15	816	0	0	0	0	0	5	(366)			0	0	3
4	45	35	16	14	796	0	0	0	0	0	5	(371)			0	0	4
5	50	36	17	15	778	0	0	0	0	0	4	(375)			0	0	5
6	55	35	17	14	767	0	0	0	0	0	5	(380)			0	0	6
7	61	38	18	14	758	0	0	0	0	0	5	(385)			0	0	7
8	57	35	17	15	748	0	0	0	0	0	5	(390)			0	0	8
9	58	35	16	14	741	0	0	0	0	0	4	(394)			0	0	9
10	54	36	16	12	731	0	0	0	0	0	4	(398)			0	0	10
11	60	35	15	15	726	0	0	0	0	0	4	(402)			0	0	11
12	61	52	16	15	704	0	0	0	0	0	5	(407)			0	0	12
13	67	52	15	17	687	0	0	0	0	0	5	(412)			0	0	13
14	62	47	18	10	674	0	0	0	0	0	3	(415)			0	0	14
15	51	41	16	12	656	0	0	0	0	0	4	(419)			0	0	15
16	49	40	17	14	634	0	0	0	0	0	4	(423)			0	0	16
17	58	36	16	14	626	0	0	0	0	0	4	(427)			0	0	17
18	75	43	17	11	630	0	0	0	0	0	3	(430)			0	0	18
19	74	36	15	14	639	0	0	0	0	0	4	(434)			0	0	19
20	67	36	17	14	639	0	0	0	0	0	4	(438)			0	0	20
21	64	36	17	14	636	0	0	0	0	0	4	(442)			0	0	21
22	62	37	17	17	627	0	0	0	0	0	6	(448)			0	0	22
23	63	36	19	15	620	0	0	0	0	0	5	(453)			0	0	23
24	61	45	20	12	604	0	0	0	0	0	4	(457)			0	0	24
25	62	46	18	14	588	0	0	0	0	0	4	(461)			0	0	25
26	60	46	21	13	568	0	0	0	0	0	4	(465)			0	0	26
27	59	46	17	11	553	0	0	0	0	0	3	(468)			0	0	27
28	61	47	24	12	531	0	0	0	0	0	4	(472)			0	0	28
29	62	47	18	12	516	0	0	0	0	0	4	(476)			0	0	29
30	47	37	19	14	493	0	0	0	0	0	4	(480)			0	0	30
S.F.D.	1,771	1,202	520	414	493	0	0	0	0	0	128	(480)			0	0	S.F.D.
AC.FT.	3,513	2,384	1,031	821	979	0	0	0	0	0	254	(952)			0	0	AC.FT.

TOTAL ACRE-FOOT STORAGE DAYS 40,017

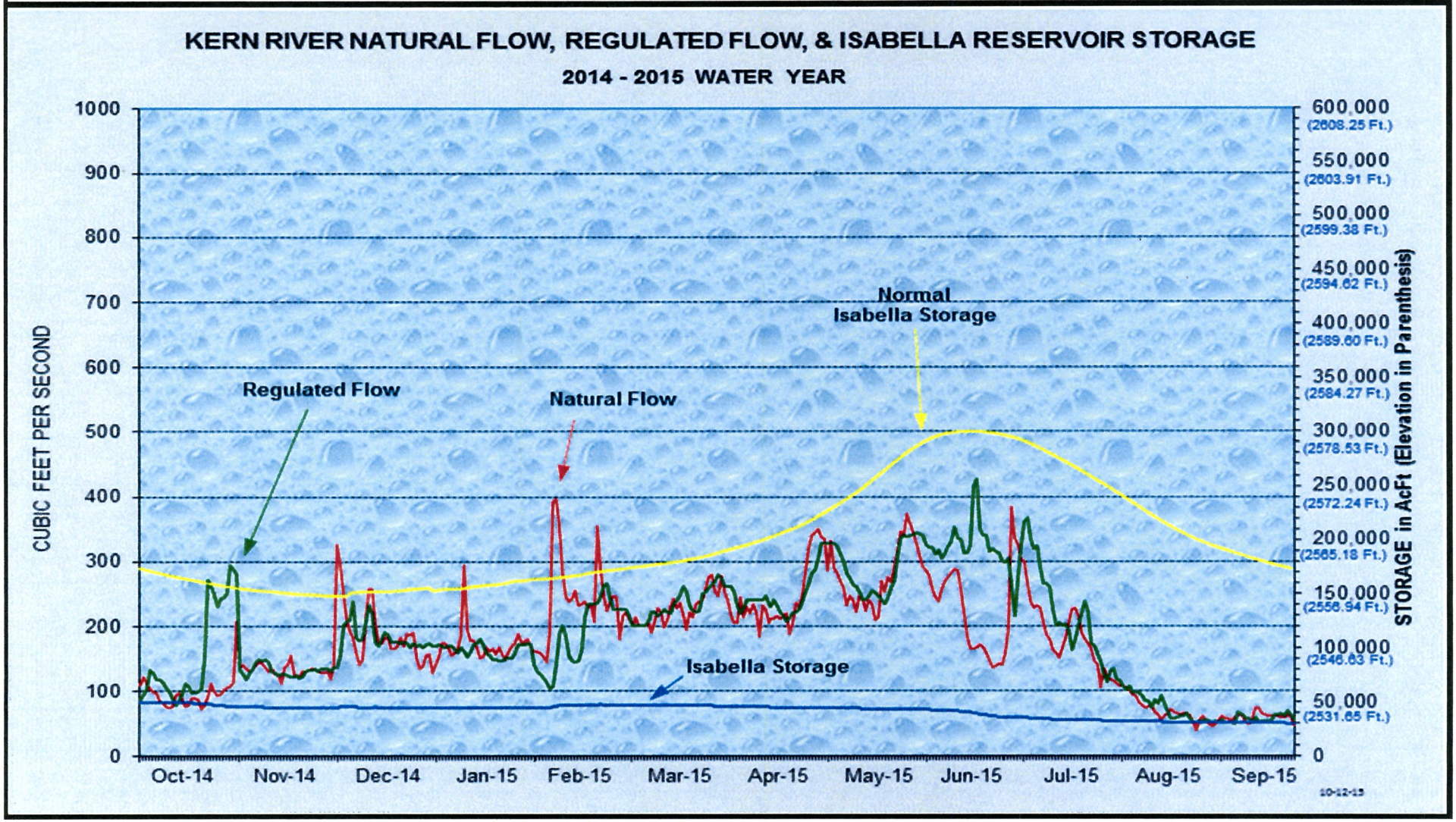
TOTAL ACRE-FOOT STORAGE DAYS (25,002)

TOTAL ACRE-FOOT STORAGE DAYS 0

SEPTEMBER 2015

*WATERMASTER NOTES *** KERN RIVER BULLETIN*

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
September				None



REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

OCTOBER 2015

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED FLOW	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2522.39	30,211	15,231	18	37	19	56	47	47	15,231	13	18	0	0	0	0	
1	2522.38	30,193	15,222	17	36	18	54	62	62	15,222	4	17	0	0	0	0	1
2	2522.36	30,158	15,205	14	36	18	54	51	58	15,212	(6)	14	0	0	0	0	2
3	2522.36	30,158	15,205	14	39	19	58	72	77	15,217	(1)	14	0	0	0	0	3
4	2522.41	30,246	15,249	4	41	19	60	108	95	15,248	30	4	0	0	0	0	4
5	2522.45	30,316	15,284	4	47	18	65	104	110	15,289	71	4	0	0	0	0	5
6	2522.49	30,387	15,320	10	54	19	73	119	107	15,313	95	10	0	0	0	0	6
7	2522.49	30,387	15,320	13	65	21	86	99	110	15,324	106	13	0	0	0	0	7
8	2522.50	30,404	15,329	13	72	18	90	112	105	15,326	108	13	0	0	0	0	8
9	2522.50	30,404	15,329	14	71	18	89	103	105	15,328	110	14	0	0	0	0	9
10	2522.49	30,387	15,320	15	75	20	95	101	106	15,324	106	15	0	0	0	0	10
11	2522.49	30,387	15,320	14	81	18	99	113	104	15,315	97	14	0	0	0	0	11
12	2522.47	30,351	15,302	14	82	19	101	97	107	15,307	89	14	0	0	0	0	12
13	2522.46	30,334	15,293	14	88	18	106	111	108	15,295	77	14	0	0	0	0	13
14	2522.46	30,334	15,293	11	88	18	106	117	125	15,303	85	11	0	0	0	0	14
15	2522.49	30,387	15,320	14	89	18	107	148	129	15,311	93	14	0	0	0	0	15
16	2522.49	30,387	15,320	14	88	20	108	122	128	15,317	99	14	0	0	0	0	16
17	2522.49	30,387	15,320	12	88	16	104	116	127	15,328	110	12	0	0	0	0	17
18	2522.50	30,404	15,329	11	106	17	123	143	140	15,334	116	11	0	0	0	0	18
19	2522.52	30,439	15,346	13	114	16	130	160	159	15,350	132	13	0	0	0	0	19
20	2522.56	30,510	15,382	11	113	15	128	175	167	15,378	160	11	0	0	0	0	20
21	2522.59	30,563	15,409	11	113	16	129	167	168	15,406	188	11	0	0	0	0	21
22	2522.61	30,599	15,427	11	116	16	132	161	158	15,421	203	10	0	0	0	0	22
23	2522.62	30,616	15,436	11	112	15	127	147	152	15,435	217	10	0	0	0	0	23
24	2522.63	30,634	15,445	11	111	17	128	148	148	15,444	226	10	0	0	0	0	24
25	2522.64	30,652	15,454	6	119	16	135	150	147	15,450	232	6	0	0	0	0	25
26	2522.62	30,617	15,436	11	134	15	149	142	136	15,426	208	11	0	0	0	0	26
27	2522.58	30,545	15,400	9	127	15	142	115	135	15,410	192	9	0	0	0	0	27
28	2522.54	30,475	15,364	13	155	16	171	148	138	15,364	146	13	0	0	0	0	28
29	2522.51	30,422	15,338	10	152	14	166	150	146	15,334	116	10	0	0	0	0	29
30	2522.48	30,369	15,311	9	141	16	157	139	143	15,311	93	9	0	0	0	0	30
31	2522.44	30,299	15,276	10	128	16	144	119	119	15,276	58	10	0	0	0	0	31
TOTAL SECOND FOOT DAYS				358	2,881	535	3,416	3,819	3,819	15,276	58	355	0	0	0	0	
TOTAL ACRE-FEET				710	5,714	1,063	6,777	7,575	7,575	30,299	115	704	0	0	0	0	

By: _____ Date: November 18, 2015

OCTOBER 2015

NORTH KERN WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	47	37	19	14	493
1	62	36	18	13	488
2	58	36	18	10	482
3	77	39	19	10	491
4	95	41	19	3	523
5	110	47	18	3	565
6	107	54	19	7	592
7	110	65	21	10	606
8	105	72	18	10	611
9	105	71	18	10	617
10	106	75	20	11	617
11	104	81	18	10	612
12	107	82	19	10	608
13	108	88	18	10	600
14	125	88	18	8	611
15	129	89	18	10	623
16	128	88	20	10	633
17	127	88	16	9	647
18	140	106	17	8	656
19	159	114	16	10	675
20	167	113	15	8	706
21	168	113	16	8	737
22	158	116	16	10	753
23	152	112	15	10	768
24	148	111	17	10	778
25	147	119	16	5	785
26	136	134	15	8	764
27	135	127	15	7	750
28	138	155	16	10	707
29	146	152	14	7	680
30	143	141	16	7	659
31	119	128	16	7	627
S.F.D.	3,819	2,881	535	269	627
AC.FT.	7,575	5,714	1,063	534	1,243

TOTAL ACRE-FOOT STORAGE DAYS 39,612

BUENA VISTA WATER STORAGE DISTRICT

DAY	ENT'L AT 1ST POINT	FLOW VIA KDWD	FLOW VIA/FOR RRBWSD	FLOW VIA CWD	FLOW AT 2ND POINT	FLOW ABOVE 1ST PT. CARMEL La HACIENDA INC.	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day	0	0	0	0	0	0	4	(480)
1	0	0	0	0	0	0	4	(484)
2	0	0	0	0	0	0	4	(488)
3	0	0	0	0	0	0	4	(492)
4	0	0	0	0	0	0	1	(493)
5	0	0	0	0	0	0	1	(494)
6	0	0	0	0	0	0	3	(497)
7	0	0	0	0	0	0	3	(500)
8	0	0	0	0	0	0	3	(503)
9	0	0	0	0	0	0	4	(507)
10	0	0	0	0	0	0	4	(511)
11	0	0	0	0	0	0	4	(515)
12	0	0	0	0	0	0	4	(519)
13	0	0	0	0	0	0	4	(523)
14	0	0	0	0	0	0	3	(526)
15	0	0	0	0	0	0	4	(530)
16	0	0	0	0	0	0	4	(534)
17	0	0	0	0	0	0	3	(537)
18	0	0	0	0	0	0	3	(540)
19	0	0	0	0	0	0	3	(543)
20	0	0	0	0	0	0	3	(546)
21	0	0	0	0	0	0	3	(549)
22	0	0	0	0	0	0	1	(550)
23	0	0	0	0	0	0	1	(551)
24	0	0	0	0	0	0	1	(552)
25	0	0	0	0	0	0	1	(553)
26	0	0	0	0	0	0	3	(556)
27	0	0	0	0	0	0	2	(558)
28	0	0	0	0	0	0	3	(561)
29	0	0	0	0	0	0	3	(564)
30	0	0	0	0	0	0	2	(566)
31	0	0	0	0	0	0	3	(569)
S.F.D.	0	0	0	0	0	0	89	(569)
AC.FT.	0	0	0	0	0	0	176	(1,128)

TOTAL ACRE-FOOT STORAGE DAYS (32,551)

HACIENDA WATER DISTRICT

DAY	ENTITLEMENT Contributed by: NKWSD	ENTITLEMENT Contributed by: BVWSD	FLOW TRANS. LOSS	FLOW FOR KCWA	RESERVOIR LOSS	RESERVOIR STORAGE
Previous Day					0	0
1					0	0
2					0	0
3					0	0
4					0	0
5					0	0
6					0	0
7					0	0
8					0	0
9					0	0
10					0	0
11					0	0
12					0	0
13					0	0
14					0	0
15					0	0
16					0	0
17					0	0
18					0	0
19					0	0
20					0	0
21					0	0
22					0	0
23					0	0
24					0	0
25					0	0
26					0	0
27					0	0
28					0	0
29					0	0
30					0	0
31					0	0
S.F.D.				0	0	0
AC.FT.				0	0	0

TOTAL ACRE-FOOT STORAGE DAYS 0

OCTOBER 2015

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
October				None



REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

NOVEMBER 2015

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED FLOW	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2522.44	30,299	15,276	10	128	16	144	119	119	15,276	58	10	0	0	0	0	
1	2522.42	30,263	15,258	11	131	15	146	139	139	15,258	40	11	0	0	0	0	1
2	2522.41	30,246	15,249	7	132	14	146	144	141	15,246	28	7	0	0	0	0	2
3	2522.39	30,211	15,231	5	131	16	147	134	144	15,238	20	5	0	0	0	0	3
4	2522.40	30,228	15,240	9	121	15	136	154	153	15,246	28	9	0	0	0	0	4
5	2522.42	30,263	15,258	7	131	15	146	171	162	15,255	37	7	0	0	0	0	5
6	2522.43	30,281	15,267	8	129	14	143	160	166	15,270	52	8	0	0	0	0	6
7	2522.45	30,316	15,284	9	125	16	141	167	165	15,285	67	9	0	0	0	0	7
8	2522.47	30,351	15,302	9	126	14	140	167	161	15,297	79	9	0	0	0	0	8
9	2522.47	30,351	15,302	8	126	14	140	148	169	15,318	100	8	0	0	0	0	9
10	2522.50	30,404	15,329	6	148	12	160	193	177	15,329	111	6	0	0	0	0	10
11	2522.51	30,422	15,338	7	161	13	174	190	178	15,326	108	7	0	0	0	0	11
12	2522.48	30,369	15,311	7	158	13	171	151	164	15,312	94	7	0	0	0	0	12
13	2522.45	30,316	15,284	9	155	15	170	152	155	15,288	70	9	0	0	0	0	13
14	2522.43	30,281	15,267	9	158	13	171	163	164	15,272	54	9	0	0	0	0	14
15	2522.43	30,281	15,267	4	158	15	173	177	189	15,284	66	4	0	0	0	0	15
16	2522.48	30,369	15,311	5	165	13	178	227	196	15,297	79	5	0	0	0	0	16
17	2522.49	30,387	15,320	6	153	15	168	183	196	15,319	101	6	0	0	0	0	17
18	2522.50	30,404	15,329	5	150	15	165	179	186	15,335	117	5	0	0	0	0	18
19	2522.53	30,457	15,355	7	148	16	164	197	191	15,355	137	7	0	0	0	0	19
20	2522.56	30,510	15,382	7	149	13	162	196	200	15,386	168	7	0	0	0	0	20
21	2522.60	30,581	15,418	9	149	14	163	208	199	15,413	195	9	0	0	0	0	21
22	2522.62	30,617	15,436	11	150	13	163	192	193	15,432	214	11	0	0	0	0	22
23	2522.63	30,634	15,445	8	147	16	163	180	188	15,449	231	8	0	0	0	0	23
24	2522.63	30,634	15,445	11	167	14	181	192	180	15,437	219	10	0	0	0	0	24
25	2522.61	30,599	15,427	4	167	15	182	168	186	15,437	219	4	0	0	0	0	25
26	2522.62	30,617	15,436	6	169	14	183	198	176	15,424	206	6	0	0	0	0	26
27	2522.59	30,563	15,409	6	169	15	184	163	178	15,412	194	6	0	0	0	0	27
28	2522.57	30,528	15,391	6	170	14	184	172	169	15,391	173	6	0	0	0	0	28
29	2522.55	30,492	15,373	7	169	14	183	172	172	15,373	155	7	0	0	0	0	29
30	2522.50	30,404	15,329	6	185	13	198	160	160	15,329	111	6	0	0	0	0	30
TOTAL SECOND FOOT DAYS				219	4,497	428	4,925	5,197	5,197	15,329	111	218	0	0	0	0	
TOTAL ACRE-FEET				434	8,920	849	9,769	10,308	10,308	30,404	220	432	0	0	0	0	

By: JWR Date: December 16, 2015

NOVEMBER 2015

	NORTH KERN WATER STORAGE DISTRICT					BUENA VISTA WATER STORAGE DISTRICT							HACIENDA WATER DISTRICT				
										FLOW ABOVE 1ST PT. CARMEL La			ENTITLEMENT	FLOW			
	ENT'L	FLOW	FLOW ABOVE	RESERVOIR		ENT'L	FLOW				RESERVOIR		Contributed by:		RESERVOIR		
DAY	AT 1ST POINT	AT 1ST POINT	1ST POINT	LOSS	STORAGE	AT 1ST POINT	VIA KDWD	VIA CWD	AT 2ND POINT	HACIENDA INC.	LOSS	STORAGE	NKWSD	BVWSD	LOSS	STORAGE	DAY
Previous Day	119	128	16	7	627	0	0	0	0	0	3	(569)			0	0	
1	139	131	15	9	611	0	0	0	0	0	2	(571)			0	0	1
2	141	132	14	5	601	0	0	0	0	0	2	(573)			0	0	2
3	144	131	16	4	594	0	0	0	0	0	1	(574)			0	0	3
4	153	121	15	7	604	0	0	0	0	0	2	(576)			0	0	4
5	162	131	15	5	615	0	0	0	0	0	2	(578)			0	0	5
6	166	129	14	6	632	0	0	0	0	0	2	(580)			0	0	6
7	165	125	16	7	649	0	0	0	0	0	2	(582)			0	0	7
8	161	126	14	7	663	0	0	0	0	0	2	(584)			0	0	8
9	169	126	14	6	686	0	0	0	0	0	2	(586)			0	0	9
10	177	148	12	4	699	0	0	0	0	0	2	(588)			0	0	10
11	178	161	13	5	698	0	0	0	0	0	2	(590)			0	0	11
12	164	158	13	5	686	0	0	0	0	0	2	(592)			0	0	12
13	155	155	15	7	664	0	0	0	0	0	2	(594)			0	0	13
14	164	158	13	7	650	0	0	0	0	0	2	(596)			0	0	14
15	189	158	15	3	663	0	0	0	0	0	1	(597)			0	0	15
16	196	165	13	4	677	0	0	0	0	0	1	(598)			0	0	16
17	196	153	15	4	701	0	0	0	0	0	2	(600)			0	0	17
18	186	150	15	4	718	0	0	0	0	0	1	(601)			0	0	18
19	191	148	16	5	740	0	0	0	0	0	2	(603)			0	0	19
20	200	149	13	5	773	0	0	0	0	0	2	(605)			0	0	20
21	199	149	14	7	802	0	0	0	0	0	2	(607)			0	0	21
22	193	150	13	9	823	0	0	0	0	0	2	(609)			0	0	22
23	188	147	16	6	842	0	0	0	0	0	2	(611)			0	0	23
24	180	167	14	9	832	0	0	0	0	0	2	(613)			0	0	24
25	186	167	15	3	833	0	0	0	0	0	1	(614)			0	0	25
26	176	169	14	4	822	0	0	0	0	0	2	(616)			0	0	26
27	178	169	15	4	812	0	0	0	0	0	2	(618)			0	0	27
28	169	170	14	4	793	0	0	0	0	0	2	(620)			0	0	28
29	172	169	14	5	777	0	0	0	0	0	2	(622)			0	0	29
30	160	185	13	4	735	0	0	0	0	0	2	(624)			0	0	30
S.F.D.	5,197	4,497	428	164	735	0	0	0	0	0	55	(624)			0	0	S.F.D.
AC.FT.	10,308	8,920	849	325	1,457	0	0	0	0	0	109	(1,237)			0	0	AC.FT.

TOTAL ACRE-FOOT STORAGE DAYS 42,437

TOTAL ACRE-FOOT STORAGE DAYS (35,548)

TOTAL ACRE-FOOT STORAGE DAYS 0

NOVEMBER 2015

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
November				None



REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

DECEMBER 2015

DAY	ISABELLA RESERVOIR ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET	S.F.D.	LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS +1ST POINT REGULATED FLOW	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT) TOTAL	IRRIGATION	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT KERN RIVER	FRIANT-KERN	FRIANT-KERN INFLOW	DAY
Previous Day	2522.50	30,404	15,329	6	185	13	198	160	160	15,329	111	6	0	0	0	0	
1	2522.49	30,387	15,320	6	158	14	172	169	169	15,320	102	6	0	0	0	0	1
2	2522.50	30,404	15,329	6	144	14	158	173	169	15,325	107	6	0	0	0	0	2
3	2522.49	30,387	15,320	6	149	14	163	160	171	15,327	109	6	0	0	0	0	3
4	2522.49	30,387	15,320	8	157	15	172	180	175	15,322	104	8	0	0	0	0	4
5	2522.49	30,387	15,320	5	168	13	181	186	181	15,317	99	5	0	0	0	0	5
6	2522.48	30,369	15,311	6	169	12	181	178	181	15,311	93	6	0	0	0	0	6
7	2522.47	30,351	15,302	6	180	2	182	179	167	15,290	72	6	0	0	0	0	7
8	2522.47	30,351	15,302	5	140	0	140	145	149	15,294	76	5	0	0	0	0	8
9	2522.44	30,299	15,276	6	141	1	142	122	143	15,289	71	6	0	0	0	0	9
10	2522.45	30,316	15,284	8	145	2	147	163	162	15,296	78	8	0	0	0	0	10
11	2522.50	30,404	15,329	2	153	1	154	201	189	15,329	111	2	0	0	0	0	11
12	2522.55	30,492	15,373	5	153	0	153	202	196	15,367	149	5	0	0	0	0	12
13	2522.58	30,545	15,400	4	151	2	153	184	198	15,408	190	4	0	0	0	0	13
14	2522.64	30,652	15,454	2	150	3	153	209	190	15,443	225	2	0	0	0	0	14
15	2522.60	30,687	15,471	5	140	14	154	176	169	15,453	235	5	0	0	0	0	15
16	2522.62	30,616	15,436	5	140	13	153	123	149	15,444	226	5	0	0	0	0	16
17	2522.60	30,581	15,418	5	147	14	161	148	151	15,429	211	5	0	0	0	0	17
18	2522.60	30,581	15,418	6	162	14	176	182	174	15,421	203	6	0	0	0	0	18
19	2522.59	30,563	15,409	6	182	12	194	191	191	15,412	194	6	0	0	0	0	19
20	2522.61	30,599	15,427	5	164	14	178	201	192	15,421	203	5	0	0	0	0	20
21	2522.61	30,599	15,427	2	169	13	182	184	190	15,427	209	2	0	0	0	0	21
22	2523.61	31,585	15,924	6	277	12	289	792	792	15,924	706	5	0	0	0	0	22
23	2523.71	32,595	16,433	6	754	5	759	1,274	1,274	16,433	1,215	5	0	0	0	0	23
24	2523.88	32,912	16,593	5	247	0	247	412	378	16,559	1,341	4	0	0	0	0	24
25	2524.01	33,155	16,716	5	183	0	183	311	311	16,682	1,464	4	0	0	0	0	25
26	2524.05	33,231	16,754	5	167	1	168	211	240	16,749	1,531	4	0	0	0	0	26
27	2524.06	33,249	16,763	7	179	2	181	197	210	16,771	1,553	6	0	0	0	0	27
28	2524.09	33,306	16,792	7	172	13	185	221	213	16,792	1,574	6	0	0	0	0	28
29	2524.13	33,382	16,830	5	165	14	179	222	208	16,816	1,598	4	0	0	0	0	29
30	2524.12	33,363	16,821	5	171	13	184	180	194	16,821	1,603	4	0	0	0	0	30
31	2524.14	33,401	16,840	8	164	13	177	204	204	16,840	1,622	7	0	0	0	0	31
TOTAL SECOND FOOT DAYS				168	5,741	260	6,001	7,680	7,680	16,840	1,622	158	0	0	0	0	
TOTAL ACRE-FEET				333	11,387	516	11,903	15,233	15,233	33,401	3,217	313	0	0	0	0	

By: JWR Date: January 15, 2016

DECEMBER 2015

	NORTH KERN WATER STORAGE DISTRICT					BUENA VISTA WATER STORAGE DISTRICT								HACIENDA WATER DISTRICT						
							FLOW				FLOW ABOVE 1ST PT. CARMEL			ENTITLEMENT		FLOW				
	ENT'L	FLOW	FLOW ABOVE	RESERVOIR		ENT'L	VIA	VIA/FOR	VIA	AT 2ND	La	RESERVOIR		Contributed by:		TRANS.	FOR	RESERVOIR		
DAY	AT 1ST POINT	AT 1ST POINT	1ST POINT	LOSS	STORAGE	AT 1ST POINT	KDWD	RRBWSD	CWD	POINT	HACIENDA INC.	LOSS	STORAGE	NKWSD	BVWSD	LOSS	KCWA	LOSS	STORAGE	DAY
Previous Day	160	185	13	4	735	0	0	0	0	0	0	2	(624)					0	0	
1	169	158	14	4	728	0	0	0	0	0	0	2	(626)					0	0	1
2	169	144	14	4	735	0	0	0	0	0	0	2	(628)					0	0	2
3	171	149	14	4	739	0	0	0	0	0	0	2	(630)					0	0	3
4	175	157	15	6	736	0	0	0	0	0	0	2	(632)					0	0	4
5	181	168	13	4	732	0	0	0	0	0	0	1	(633)					0	0	5
6	181	169	12	4	728	0	0	0	0	0	0	2	(635)					0	0	6
7	167	180	2	4	709	0	0	0	0	0	0	2	(637)					0	0	7
8	149	140	0	4	714	0	0	0	0	0	0	1	(638)					0	0	8
9	143	141	1	4	711	0	0	0	0	0	0	2	(640)					0	0	9
10	162	145	2	6	720	0	0	0	0	0	0	2	(642)					0	0	10
11	189	153	1	2	753	0	0	0	0	0	0	0	(642)					0	0	11
12	196	153	0	4	792	0	0	0	0	0	0	1	(643)					0	0	12
13	198	151	2	3	834	0	0	0	0	0	0	1	(644)					0	0	13
14	190	150	3	1	870	0	0	0	0	0	0	1	(645)					0	0	14
15	169	140	14	4	881	0	0	0	0	0	0	1	(646)					0	0	15
16	149	140	13	4	873	0	0	0	0	0	0	1	(647)					0	0	16
17	151	147	14	4	859	0	0	0	0	0	0	1	(648)					0	0	17
18	174	162	14	4	853	0	0	0	0	0	0	2	(650)					0	0	18
19	191	182	12	4	846	0	0	0	0	0	0	2	(652)					0	0	19
20	192	164	14	4	856	0	0	0	0	0	0	1	(653)					0	0	20
21	190	169	13	2	862	0	0	0	0	0	0	0	(653)					0	0	21
22	792	277	12	5	1,360	0	0	0	0	0	0	1	(654)					0	0	22
23	1,274	754	5	5	1,870	0	0	0	0	0	0	1	(655)					0	0	23
24	378	247	0	4	1,997	0	0	0	0	0	0	1	(656)					0	0	24
25	311	183	0	4	2,121	0	0	0	0	0	0	1	(657)					0	0	25
26	240	167	1	4	2,189	0	0	0	0	0	0	1	(658)					0	0	26
27	210	179	2	5	2,213	0	0	0	0	0	0	2	(660)					0	0	27
28	213	172	13	5	2,236	0	0	0	0	0	0	2	(662)					0	0	28
29	208	165	14	4	2,261	0	0	0	0	0	0	1	(663)					0	0	29
30	194	171	13	4	2,267	0	0	0	0	0	0	1	(664)					0	0	30
31	204	164	13	6	2,293	0	0	0	0	0	0	2	(671)					0	0	31
S.F.D.	7,680	5,741	260	126	2,293	0	0	0	0	0	0	42	(671)				0	0	0	S.F.D.
AC.FT.	15,233	11,387	516	250	4,547	0	0	0	0	0	0	83	(1,330)				0	0	0	AC.FT.

TOTAL ACRE-FOOT STORAGE DAYS 74,058

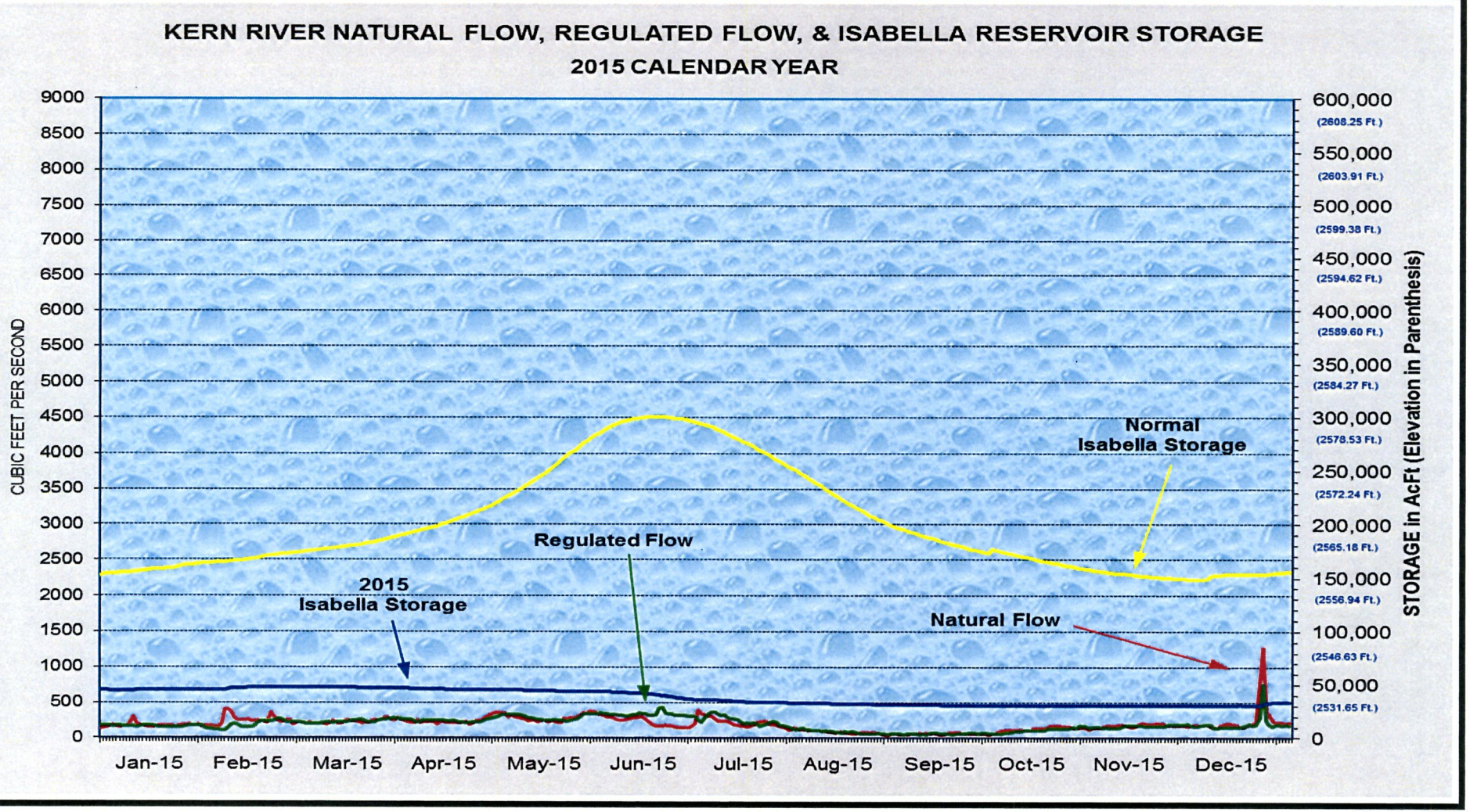
TOTAL ACRE-FOOT STORAGE DAYS (39,796)

TOTAL ACRE-FOOT STORAGE DAYS 0

DECEMBER 2015

*WATERMASTER NOTES *** KERN RIVER BULLETIN*

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
December	31	2	BVWSD RESERVOIR STORAGE	Reflects transfer of 10 acre-feet (5 s.f.d.) from BUENA VISTA WATER STORAGE DISTRICT to NORTH KERN WATER STORAGE DISTRICT on behalf of HACIENDA WATER DISTRICT as compensation for additional evaporation of Kern River water due to Rio Bravo Power Plant operations during calendar year 2015 pursuant to terms of May 14, 1986 Memorandum of Understanding between Olcese WD and the Kern River Interests. (Total of 14 acre-feet of additional evaporation; shared 75% NKWSD & 25% BVWSD)



DANGER SWIMMERS

This river is extremely dangerous between June and September. Every year there have been numerous swimmers drowned.

For your own safety,
we recommend you--

Do Not Swim in this river!

CHARLES H. DODGE, SHERIFF
COUNTY OF KERN

KSFIELD PRINTING CO.

CITY OF BAKERSFIELD

KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: January 2015 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	11014
LESS NON-CONTRIBUTING CANALS.....	10338
FOR OTHERS AND FIRST POINT CANALS.....	676
TO BE CONTRIBUTED BY OTHER CANALS.....	676
TO BE USED BY OTHER CANALS.....	0
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)...	0
B.V.W.S.D. ENTITLEMENT.....	0
SEEPAGE LOSS.....	676
KERN RIVER CONDUIT ENTITLEMENT.....	0
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	676

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.																		
300.0	300	KERN ISLAND (1-ST)		6734	10338	3570					6768						6734		34	
		EASTSIDE																		
		KERN RIVER CONDUIT																		
320.0	20	CASTRO					278													
		KCC&W Co.					811			1089			504						566	
330.5	10.5	SOUTH FORK					504					504		504						
410.5	80	BUENA VISTA (1-ST)																		
530.5	120	JAMES (1-ST)					1977		1977											
550.5	20	ANDERSON (1-ST)																		
700.5	150	STINE																		
730.5	30	MEACHAM																		
880.5	150	FARMERS																		
920.5	40	PLUNKET																		
960.5	40	JOYCE																		
1000.5	40	JOHNSON																		
1130.5	130	PIONEER (1-ST)																		
1190.5	60	BEARDSLEY (1-ST)		4												4				
		LERDO (NKWSD)		1644											1644					
1200.5	10	ANDERSON (2-ND)																		
1240.5	40	JAMES & DIXON																		
1250.5	10	WILSON																		
		KCC&W Co.																		
1276.5	26	McCAFFREY																		
		McCORD	LERDO 30%																	
1376.5	100		BEARDSLEY 70%																	
		CALLOWAY	CENTRAL 20%																	
2226.5	850		NKWSD 80%																	
		RAILROAD	KCC&W Co. 20%																	
2426.5	200		NKWSD 80%																	
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD																		
		TRUXTUN LAKES		109												109				
		AERA PARK		16												16				
		COUNTY OF KERN														30				
		KERN VALLEY GOLF COURSE																		
		CALIFORNIA WATER SERVICE CO.														676				
		OLCESE WD														14				
		THE PARK AT RIVER WALK		79												79				
		WILSON DITCH																		
		2800 ACRES SPREADING																		
		NKWSD FOR CWD																		
		NKWSD FOR ID4																		
		BVWSD VIA CWD																		
		BVWSD VIA/ FOR KDWD																		
		BVWSD VIA KDWD (MWD WATER)																		
		BVWSD FOR La HACIENDA, INC.																		
		BVWSD AT ALT. 2ND POINT																		
		RIO BRAVO WELL																		
		GLEN GRUNDEIS																		
		BVWSD TRANSFER TO 1ST PT. GRP.																		
TOTALS			720	8586	10338	3570	3570	0	1977	1089	6768	504	504	504	1644	928	6734	0	600	0
		LOSS		1276	676														600	
FLOW AT FIRST POINT			720	9862	11014															

ISABELLA RESERVOIR

IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
0	517	12	0	505
0	0	0	0	0
292	8094	209	193	7984
0	600		0	600
0	228	6	0	222
0	91	2	0	89
0	12	0	0	12
0	0	0	0	0
510	4570	111	177	4792
802	14112	340	370	14204

TOTAL CHANGE IN STORAGE = 92

NOTES:

CITY OF BAKERSFIELD

KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: February 2015 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	14214
LESS NON-CONTRIBUTING CANALS.....	13111
FOR OTHERS AND FIRST POINT CANALS.....	1103
TO BE CONTRIBUTED BY OTHER CANALS.....	611
TO BE USED BY OTHER CANALS.....	492
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)...	0
B.V.W.S.D. ENTITLEMENT.....	0
SEEPAGE LOSS.....	611
KERN RIVER CONDUIT ENTITLEMENT.....	0
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	611

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.																		
300.0	300	KERN ISLAND (1-ST)		8438	13111	1315					11796						8438			
		EASTSIDE																		
		KERN RIVER CONDUIT																		
320.0	20	CASTRO			30		69													
		KCC&W Co.			83		210			392			2						241	
330.5	10.5	SOUTH FORK			42		101					143		2						
410.5	80	BUENA VISTA (1-ST)			282						282									
530.5	120	JAMES (1-ST)			55		935		990											
550.5	20	ANDERSON (1-ST)																		
700.5	150	STINE																		
730.5	30	MEACHAM																		
880.5	150	FARMERS																		
920.5	40	PLUNKET																		
960.5	40	JOYCE																		
1000.5	40	JOHNSON																		
1130.5	130	PIONEER (1-ST)																		
1190.5	60	BEARDSLEY (1-ST)		141												141				
		LERDO (NKWSD)		857											857					
1200.5	10	ANDERSON (2-ND)																		
1240.5	40	JAMES & DIXON																		
1250.5	10	WILSON																		
		KCC&W Co.																		
1276.5	26	McCAFFREY																		
		McCORD	LERDO 30%																	
1376.5	100		BEARDSLEY 70%																	
		CALLOWAY	CENTRAL 20%																	
2226.5	850		NKWSD 80%																	
		RAILROAD	KCC&W Co. 20%																	
2426.5	200		NKWSD 80%																	
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD																		
		TRUXTUN LAKES		109												109				
		AERA PARK																		
		COUNTY OF KERN														32				
		KERN VALLEY GOLF COURSE																		
		CALIFORNIA WATER SERVICE CO.														409				
		OLCESE WD														12				
		THE PARK AT RIVER WALK		44												44				
		WILSON DITCH																		
		2800 ACRES SPREADING																		
		NKWSD FOR CWD																		
		NKWSD FOR ID4																	32	
		BVWSD VIA CWD																		
		BVWSD VIA/ FOR KDWD																		
		BVWSD VIA KDWD (MWD WATER)																		
		BVWSD FOR La HACIENDA, INC.																		
		HWD FOR ID4																		
		PANORAMA PRESERVE		4												4				
TOTALS			453	9593	13603	1315	1315	0	990	392	12078	143	2	2	857	751	8438	0	273	0
		LOSS		884	611														273	
FLOW AT FIRST POINT			453	10477	14214															

ISABELLA RESERVOIR				
IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
3360	505	65	2	3798
0	0	0	0	0
24	7984	220	622	7166
141	600		0	741
282	222	12	0	492
0	89	2	0	87
0	12	0	0	12
0	0	0	0	0
208	4792	126	107	4767
4015	14204	425	731	17063

TOTAL CHANGE IN STORAGE = 2859

NOTES:

River Loss: NKWSD for ID4= 32

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: March 2015 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	14190
LESS NON-CONTRIBUTING CANALS.....	13514
FOR OTHERS AND FIRST POINT CANALS.....	676
TO BE CONTRIBUTED BY OTHER CANALS.....	676
TO BE USED BY OTHER CANALS.....	0
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)...	0
B.V.W.S.D. ENTITLEMENT.....	0
SEEPAGE LOSS.....	676
KERN RIVER CONDUIT ENTITLEMENT.....	0
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	676

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.																		
300.0	300	KERN ISLAND (1-ST)		10011	13514	1371					12143						10011			
		EASTSIDE		1843										30			1813			
		KERN RIVER CONDUIT																		
320.0	20	CASTRO					163													
		KCC&W Co.					337			500			71						163	
330.5	10.5	SOUTH FORK					71					71		71						
410.5	80	BUENA VISTA (1-ST)																		
530.5	120	JAMES (1-ST)					800		800											
550.5	20	ANDERSON (1-ST)																		
700.5	150	STINE																		
730.5	30	MEACHAM																		
880.5	150	FARMERS																		
920.5	40	PLUNKET																		
960.5	40	JOYCE																		
1000.5	40	JOHNSON																		
1130.5	130	PIONEER (1-ST)																		
1190.5	60	BEARDSLEY (1-ST)		375												375				
		LERDO (NKWSD)		799											799					
1200.5	10	ANDERSON (2-ND)																		
1240.5	40	JAMES & DIXON																		
1250.5	10	WILSON																		
		KCC&W Co.																		
1276.5	26	McCAFFREY																		
		McCORD	LERDO 30%																	
1376.5	100		BEARDSLEY 70%																	
		CALLOWAY	CENTRAL 20%																	
2226.5	850		NKWSD 80%																	
		RAILROAD	KCC&W Co. 20%																	
2426.5	200		NKWSD 80%																	
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD																		
		TRUXTUN LAKES		65												65				
		AERA PARK																		
		COUNTY OF KERN														70				
		KERN VALLEY GOLF COURSE																		
		CALIFORNIA WATER SERVICE CO.														517				
		OLCESE WD														41				
		THE PARK AT RIVER WALK		24												24				
		WILSON DITCH																		
		2800 ACRES SPREADING																		
		NKWSD FOR CWD																		
		NKWSD FOR ID4																		
		BVWSD VIA CWD																		
		BVWSD VIA/ FOR KDWD											30							
		BVWSD VIA KDWD (MWD WATER)																		
		BVWSD FOR La HACIENDA, INC.											10	10						
		BVWSD AT ALT. 2ND POINT																		
		RIO BRAVO WELL																		
		PANORAMA PRESERVE		2												2				
TOTALS			628	13119	13514	1371	1371	0	800	500	12143	71	111	111	799	1094	11824	0	163	0
		LOSS		839	676														163	
FLOW AT FIRST POINT			628	13958	14190															

ISABELLA RESERVOIR				
IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
428	3798	151	109	3966
0	0	0	0	0
0	7166	296	686	6184
0	741		0	741
0	492	20	0	472
0	87	4	0	83
0	12	0	0	12
0	0	0	0	0
154	4767	184	153	4584
582	17063	655	948	16042

TOTAL CHANGE IN STORAGE = -1021

NOTES:

Eastside Exch. Less: from BVWSD= 30

CITY OF BAKERSFIELD

KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: April 2015 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	13662
LESS NON-CONTRIBUTING CANALS.....	12993
FOR OTHERS AND FIRST POINT CANALS.....	669
TO BE CONTRIBUTED BY OTHER CANALS.....	669
TO BE USED BY OTHER CANALS.....	0
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)...	0
B.V.W.S.D. ENTITLEMENT.....	4
SEEPAGE LOSS.....	655
KERN RIVER CONDUIT ENTITLEMENT.....	10
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	669

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.																		
300.0	300	KERN ISLAND (1-ST)		9774	12993						12993						9774			
		EASTSIDE		2779													2779			
		KERN RIVER CONDUIT			10					10										
320.0	20	CASTRO																		
		KCC&W Co.											4							
330.5	10.5	SOUTH FORK																		
410.5	80	BUENA VISTA (1-ST)																		
530.5	120	JAMES (1-ST)																		
550.5	20	ANDERSON (1-ST)																		
700.5	150	STINE																		
730.5	30	MEACHAM																		
880.5	150	FARMERS																		
920.5	40	PLUNKET																		
960.5	40	JOYCE																		
1000.5	40	JOHNSON																		
1130.5	130	PIONEER (1-ST)																		
1190.5	60	BEARDSLEY (1-ST)		272												272				
		LERDO (NKWSD)																		
1200.5	10	ANDERSON (2-ND)																		
1240.5	40	JAMES & DIXON																		
1250.5	10	WILSON																		
		KCC&W Co.																		
1276.5	26	McCAFFREY																		
		McCORD	LERDO 30%																	
1376.5	100		BEARDSLEY 70%																	
		CALLOWAY	CENTRAL 20%																	
2226.5	850		NKWSD 80%																	
		RAILROAD	KCC&W Co. 20%																	
2426.5	200		NKWSD 80%																	
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD																		
		TRUXTUN LAKES																		
		AERA PARK																		
		COUNTY OF KERN														92				
		KERN VALLEY GOLF COURSE																		
		CALIFORNIA WATER SERVICE CO.														664				
		OLCESE WD														57				
		THE PARK AT RIVER WALK																		
		WILSON DITCH																		
		2800 ACRES SPREADING																		
		NKWSD FOR CWD																		
		NKWSD FOR ID4																		
		BVWSD VIA CWD																		
		BVWSD VIA/ FOR KDWD																		
		BVWSD VIA KDWD (MWD WATER)																		
		BVWSD FOR La HACIENDA, INC.																		
		RIO BRAVO WELL																		
		PANORAMA PRESERVE		2												2				
		BVWSD TRANSFER TO CITY												4						
TOTALS			813	12827	13003	0	0	0	0	10	12993	0	4	4	0	1087	12553	0	0	0
		LOSS		655	655														0	
FLOW AT FIRST POINT			813	13482	13658															

ISABELLA RESERVOIR				
IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
670	3966	200	230	4206
0	0	0	0	0
0	6184	323	1073	4788
0	741		0	741
0	472	24	0	448
0	83	4	0	79
0	12	0	0	12
0	0	0	0	0
0	4584	230	0	4354
670	16042	781	1303	14628

TOTAL CHANGE IN STORAGE = -1414

NOTES:

BVWSD Transfer to City in storage: 4

CITY OF BAKERSFIELD

KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: May 2015 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	17153
LESS NON-CONTRIBUTING CANALS.....	16005
FOR OTHERS AND FIRST POINT CANALS.....	1148
TO BE CONTRIBUTED BY OTHER CANALS.....	1148
TO BE USED BY OTHER CANALS.....	0
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)...	0
B.V.W.S.D. ENTITLEMENT.....	149
SEEPAGE LOSS.....	676
KERN RIVER CONDUIT ENTITLEMENT.....	323
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	1148

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.																		
300.0	300	KERN ISLAND (1-ST)		12167	16005	157					15848			70			12097			
		EASTSIDE		3322													3322			
		KERN RIVER CONDUIT			323					323										
320.0	20	CASTRO					46													
		KCC&W Co.					111			157			97						93	
330.5	10.5	SOUTH FORK																		
410.5	80	BUENA VISTA (1-ST)																		
530.5	120	JAMES (1-ST)																		
550.5	20	ANDERSON (1-ST)																		
700.5	150	STINE																		
730.5	30	MEACHAM																		
880.5	150	FARMERS																		
920.5	40	PLUNKET																		
960.5	40	JOYCE																		
1000.5	40	JOHNSON																		
1130.5	130	PIONEER (1-ST)																		
1190.5	60	BEARDSLEY (1-ST)		246												246				
		LERDO (NKWSD)																		
1200.5	10	ANDERSON (2-ND)																		
1240.5	40	JAMES & DIXON																		
1250.5	10	WILSON																		
		KCC&W Co.																		
1276.5	26	McCAFFREY																		
		McCORD	LERDO 30%																	
1376.5	100		BEARDSLEY 70%																	
		CALLOWAY	CENTRAL 20%																	
2226.5	850		NKWSD 80%																	
		RAILROAD	KCC&W Co. 20%																	
2426.5	200		NKWSD 80%																	
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD																		
		TRUXTUN LAKES																		
		AERA PARK																		
		COUNTY OF KERN														119				
		KERN VALLEY GOLF COURSE																		
		CALIFORNIA WATER SERVICE CO.														669				
		OLCESE WD														77				
		THE PARK AT RIVER WALK																		
		WILSON DITCH																		
		2800 ACRES SPREADING																		
		NKWSD FOR CWD																		
		NKWSD FOR ID4																		
		BVWSD VIA CWD																		
		BVWSD VIA/ FOR KDWD											70							
		BVWSD VIA KDWD (MWD WATER)																		
		BVWSD FOR La HACIENDA, INC.																		
		BVWSD AT ALT. 2ND POINT																		
		RIO BRAVO WELL																		
		PANORAMA PRESERVE		2												2				
		BVWSD TRANSFER TO CITY												97						
TOTALS			865	15737	16328	157	157	0	0	480	15848	0	167	167	0	1113	15419	0	93	0
		LOSS		769	676														93	
FLOW AT FIRST POINT			865	16506	17004															

ISABELLA RESERVOIR

IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
780	4206	292	351	4343
0	0	0	0	0
228	4788	350	857	3809
0	741		0	741
0	448	30	0	418
0	79	6	0	73
0	12	0	0	12
0	0	0	0	0
0	4354	292	0	4062
1008	14628	970	1208	13458

TOTAL CHANGE IN STORAGE = -1170

NOTES:

Kern Island Exch. Less: from BVWSD= 70

BVWSD Transfer to City in storage: 97

CITY OF BAKERSFIELD

KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: June 2015 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	13813
LESS NON-CONTRIBUTING CANALS.....	12881
FOR OTHERS AND FIRST POINT CANALS.....	932
TO BE CONTRIBUTED BY OTHER CANALS.....	932
TO BE USED BY OTHER CANALS.....	0
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)...	0
B.V.W.S.D. ENTITLEMENT.....	89
SEEPAGE LOSS.....	655
KERN RIVER CONDUIT ENTITLEMENT.....	188
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	932

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS		ISABELLA RESERVOIR				
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO	IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
		K.C.L. Co. ENT'L @ 2ND PT.																							
300.0	300	KERN ISLAND (1-ST)		12801	12881	42					12839						12801				4	4343	367	3471	509
		EASTSIDE		3505													3505								
		KERN RIVER CONDUIT			188					188															
320.0	20	CASTRO					6														0	0	0	0	0
		KCC&W Co.					16			22			63						22		141	3809	464	898	2588
330.5	10.5	SOUTH FORK																			0	741		0	741
410.5	80	BUENA VISTA (1-ST)																			0	418	46	0	372
530.5	120	JAMES (1-ST)					20		20																
550.5	20	ANDERSON (1-ST)																							
700.5	150	STINE																			0	73	8	0	65
730.5	30	MEACHAM																							
880.5	150	FARMERS																			0	12	2	0	10
920.5	40	PLUNKET																							
960.5	40	JOYCE																							
1000.5	40	JOHNSON																							
1130.5	130	PIONEER (1-ST)																							
1190.5	60	BEARDSLEY (1-ST)																			0	0	0	0	0
		LERDO (NKWSD)		1821											1821						0	4062	343	1801	1918
1200.5	10	ANDERSON (2-ND)																							
1240.5	40	JAMES & DIXON																							
1250.5	10	WILSON																			145	13458	1230	6170	6203
		KCC&W Co.																							
1276.5	26	McCAFFREY																							
		McCORD	LERDO 30%																						
1376.5	100		BEARDSLEY 70%																						
		CALLOWAY	CENTRAL 20%																						
2226.5	850		NKWSD 80%																						
		RAILROAD	KCC&W Co. 20%																						
2426.5	200		NKWSD 80%																						
2516.5	90	BUENA VISTA (2-ND)																							
2696.5	180	JAMES (2-ND)																							
2866.5	170	PIONEER (2-ND)																							
3106.5	240	BEARDSLEY (3-RD)																							
3162.5	56	KERN ISLAND (2-ND)																							
		ROSEDALE RBWSD																							
		TRUXTUN LAKES																							
		AERA PARK																							
		COUNTY OF KERN														157									
		KERN VALLEY GOLF COURSE																							
		CALIFORNIA WATER SERVICE CO.														753									
		OLCESE WD														93									
		THE PARK AT RIVER WALK																							
		WILSON DITCH																							
		2800 ACRES SPREADING																							
		NKWSD FOR CWD																							
		NKWSD FOR ID4																							
		BVWSD VIA CWD																							
		BVWSD VIA/ FOR KDWD																							
		BVWSD VIA KDWD (MWD WATER)																							
		BVWSD FOR La HACIENDA, INC.																							
		RIO BRAVO WELL																							
		PANORAMA PRESERVE		5												5									
		BVWSD TRANSFER TO CITY												63											
TOTALS			1003	18132	13069	42	42	0	20	210	12839	0	63	63	1821	1008	16306	0	22	0					
		LOSS		677	655														22						
FLOW AT FIRST POINT			1003	18809	13724																				

TOTAL CHANGE IN STORAGE = -7255

NOTES:

BVWSD Transfer to City in storage: 63

CITY OF BAKERSFIELD

KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: July 2015 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	13037
LESS NON-CONTRIBUTING CANALS.....	12069
FOR OTHERS AND FIRST POINT CANALS.....	968
TO BE CONTRIBUTED BY OTHER CANALS.....	968
TO BE USED BY OTHER CANALS.....	0
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)...	0
B.V.W.S.D. ENTITLEMENT.....	91
SEEPAGE LOSS.....	676
KERN RIVER CONDUIT ENTITLEMENT.....	201
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	968

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.																		
300.0	300	KERN ISLAND (1-ST)		8670	12069						12069		647				9317			
		EASTSIDE		2874													2874			
		KERN RIVER CONDUIT			201					201										
320.0	20	CASTRO																		
		KCC&W Co.											63	1078						
330.5	10.5	SOUTH FORK																		
410.5	80	BUENA VISTA (1-ST)											356				357			
530.5	120	JAMES (1-ST)																		
550.5	20	ANDERSON (1-ST)																		
700.5	150	STINE											65				65			
730.5	30	MEACHAM																		
880.5	150	FARMERS											10				10			
920.5	40	PLUNKET																		
960.5	40	JOYCE																		
1000.5	40	JOHNSON																		
1130.5	130	PIONEER (1-ST)																		
1190.5	60	BEARDSLEY (1-ST)		234												234				
		LERDO (NKWSD)		1472											1472					
1200.5	10	ANDERSON (2-ND)																		
1240.5	40	JAMES & DIXON																		
1250.5	10	WILSON																		
		KCC&W Co.																		
1276.5	26	McCAFFREY																		
		McCORD	LERDO 30%																	
1376.5	100		BEARDSLEY 70%																	
		CALLOWAY	CENTRAL 20%																	
2226.5	850		NKWSD 80%																	
		RAILROAD	KCC&W Co. 20%																	
2426.5	200		NKWSD 80%																	
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD																		
		TRUXTUN LAKES																		
		AERA PARK																		
		COUNTY OF KERN														187				
		KERN VALLEY GOLF COURSE																		
		CALIFORNIA WATER SERVICE CO.														786				
		OLCESE WD														89				
		THE PARK AT RIVER WALK																		
		WILSON DITCH																		
		2800 ACRES SPREADING																		
		NKWSD FOR CWD																		
		NKWSD FOR ID4																		
		PANORAMA PRESERVE		6												6				
		BVWSD TRANSFER TO CITY												63						
TOTALS			1062	13256	12270	0	0	0	0	201	12069	0	1141	1141	1472	1302	12623	0	0	0
		LOSS		676	676														0	
FLOW AT FIRST POINT			1062	13932	12946															

ISABELLA RESERVOIR

IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
1139	509	81	1261	306
0	0	0	0	0
256	2588	770	216	1858
0	741		0	741
0	372	16	356	0
0	65	0	65	0
0	10	0	10	0
0	0	0	0	0
0	1918	236	1472	210
1395	6203	1103	3380	3115

TOTAL CHANGE IN STORAGE = -3088

NOTES:

KDWD Exch. Less: for City= 1078

BVWSD Transfer to City in storage: 63

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: August 2015 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	5028
LESS NON-CONTRIBUTING CANALS.....	4352
FOR OTHERS AND FIRST POINT CANALS.....	676
TO BE CONTRIBUTED BY OTHER CANALS.....	676
TO BE USED BY OTHER CANALS.....	0
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)...	0
B.V.W.S.D. ENTITLEMENT.....	0
SEEPAGE LOSS.....	676
KERN RIVER CONDUIT ENTITLEMENT.....	0
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	676

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.																		
300.0	300	KERN ISLAND (1-ST)		2573	4352						4352		1275				3848			
		EASTSIDE		547													547			
		KERN RIVER CONDUIT																		
320.0	20	CASTRO																		
		KCC&W Co.												1275					1	
330.5	10.5	SOUTH FORK																		
410.5	80	BUENA VISTA (1-ST)																		
530.5	120	JAMES (1-ST)																		
550.5	20	ANDERSON (1-ST)																		
700.5	150	STINE																		
730.5	30	MEACHAM																		
880.5	150	FARMERS																		
920.5	40	PLUNKET																		
960.5	40	JOYCE																		
1000.5	40	JOHNSON																		
1130.5	130	PIONEER (1-ST)																		
1190.5	60	BEARDSLEY (1-ST)		283												283				
		LERDO (NKWSD)		157											157					
1200.5	10	ANDERSON (2-ND)																		
1240.5	40	JAMES & DIXON																		
1250.5	10	WILSON																		
		KCC&W Co.																		
1276.5	26	McCAFFREY																		
		McCORD	LERDO 30%																	
1376.5	100		BEARDSLEY 70%																	
		CALLOWAY	CENTRAL 20%																	
2226.5	850		NKWSD 80%																	
		RAILROAD	KCC&W Co. 20%																	
2426.5	200		NKWSD 80%																	
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD																		
		TRUXTUN LAKES																		
		AERA PARK																		
		COUNTY OF KERN														177				
		KERN VALLEY GOLF COURSE																		
		CALIFORNIA WATER SERVICE CO.														799				
		OLCESE WD														90				
		THE PARK AT RIVER WALK																		
		WILSON DITCH																		
		2800 ACRES SPREADING																		
		NKWSD FOR CWD																		
		NKWSD FOR ID4																		
		PANORAMA PRESERVE		10												10				
		BVWSD TRANSFER TO CITY																		
TOTALS			1066	3570	4352	0	0	0	0	0	4352	0	1275	1275	157	1359	4395	0	1	0
		LOSS		677	676														1	
FLOW AT FIRST POINT			1066	4247	5028															

ISABELLA RESERVOIR

IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
200	306	93	243	170
0	0	0	0	0
0	1858	982	85	791
0	741		0	741
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	210	53	157	0
200	3115	1128	485	1702

TOTAL CHANGE IN STORAGE = -1413

NOTES:

KDWD Exch. Less: for City= 1275

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: September 2015 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	3513
LESS NON-CONTRIBUTING CANALS.....	2858
FOR OTHERS AND FIRST POINT CANALS.....	655
TO BE CONTRIBUTED BY OTHER CANALS.....	655
TO BE USED BY OTHER CANALS.....	0
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)...	0
B.V.W.S.D. ENTITLEMENT.....	0
SEEPAGE LOSS.....	655
KERN RIVER CONDUIT ENTITLEMENT.....	0
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	655

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS		ISABELLA RESERVOIR				
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO	IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
		K.C.L. Co. ENT'L @ 2ND PT.																							
300.0	300	KERN ISLAND (1-ST)		1495	2858						2858		1053				2548				397	170	175	87	305
		EASTSIDE																							
		KERN RIVER CONDUIT																							
320.0	20	CASTRO																			0	0	0	0	0
		KCC&W Co.												1794							745	791	646	216	674
330.5	10.5	SOUTH FORK											741								0	741		741	0
410.5	80	BUENA VISTA (1-ST)																			0	0	0	0	0
530.5	120	JAMES (1-ST)																							
550.5	20	ANDERSON (1-ST)																							
700.5	150	STINE																			0	0	0	0	0
730.5	30	MEACHAM																							
880.5	150	FARMERS																			0	0	0	0	0
920.5	40	PLUNKET																							
960.5	40	JOYCE																							
1000.5	40	JOHNSON																							
1130.5	130	PIONEER (1-ST)																							
1190.5	60	BEARDSLEY (1-ST)		226												103		123			0	0	0	0	0
		LERDO (NKWSD)																			0	0	0	0	0
1200.5	10	ANDERSON (2-ND)																							
1240.5	40	JAMES & DIXON																							
1250.5	10	WILSON																			1142	1702	821	1044	979
		KCC&W Co.																							
1276.5	26	McCAFFREY																							
		McCORD	LERDO 30%																						
1376.5	100		BEARDSLEY 70%																						
		CALLOWAY	CENTRAL 20%																						
2226.5	850		NKWSD 80%																						
		RAILROAD	KCC&W Co. 20%																						
2426.5	200		NKWSD 80%																						
2516.5	90	BUENA VISTA (2-ND)																							
2696.5	180	JAMES (2-ND)																							
2866.5	170	PIONEER (2-ND)																							
3106.5	240	BEARDSLEY (3-RD)																							
3162.5	56	KERN ISLAND (2-ND)																							
		ROSEDALE RBWSD																							
		TRUXTUN LAKES																							
		AERA PARK																							
		COUNTY OF KERN														137									
		KERN VALLEY GOLF COURSE																							
		CALIFORNIA WATER SERVICE CO.														827									
		OLCESE WD														67									
		THE PARK AT RIVER WALK																							
		WILSON DITCH																							
		2800 ACRES SPREADING																							
		NKWSD FOR CWD																							
		NKWSD FOR ID4																							
		BVWSD VIA CWD																							
		BVWSD VIA/ FOR KDWD																							
		BVWSD VIA KDWD (MWD WATER)																							
		BVWSD FOR La HACIENDA, INC.																							
		RIO BRAVO WELL																							
		PANORAMA PRESERVE		8												8									
		BVWSD TRANSFER TO CITY																							
TOTALS			1031	1729	2858	0	0	0	0	0	2858	0	1794	1794	0	1142	2548	123	0	0					
		LOSS		655	655														0						
FLOW AT FIRST POINT			1031	2384	3513																				

TOTAL CHANGE IN STORAGE = -723

NOTES:

KDWD Exch. Less: for City= 1794

CITY OF BAKERSFIELD

KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: October 2015 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	7575
LESS NON-CONTRIBUTING CANALS.....	6899
FOR OTHERS AND FIRST POINT CANALS.....	676
TO BE CONTRIBUTED BY OTHER CANALS.....	676
TO BE USED BY OTHER CANALS.....	0
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)...	0
B.V.W.S.D. ENTITLEMENT.....	0
SEEPAGE LOSS.....	676
KERN RIVER CONDUIT ENTITLEMENT.....	0
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	676

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS	
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO
		K.C.L. Co. ENT'L @ 2ND PT.																		
300.0	300	KERN ISLAND (1-ST)		5032	6899						6899		1056				6088			
		EASTSIDE																		
		KERN RIVER CONDUIT																		
320.0	20	CASTRO																		
		KCC&W Co.												1056						
330.5	10.5	SOUTH FORK																		
410.5	80	BUENA VISTA (1-ST)																		
530.5	120	JAMES (1-ST)																		
550.5	20	ANDERSON (1-ST)																		
700.5	150	STINE																		
730.5	30	MEACHAM																		
880.5	150	FARMERS																		
920.5	40	PLUNKET																		
960.5	40	JOYCE																		
1000.5	40	JOHNSON																		
1130.5	130	PIONEER (1-ST)																		
1190.5	60	BEARDSLEY (1-ST)																		
		LERDO (NKWSD)																		
1200.5	10	ANDERSON (2-ND)																		
1240.5	40	JAMES & DIXON																		
1250.5	10	WILSON																		
		KCC&W Co.																		
1276.5	26	McCAFFREY																		
		McCORD	LERDO 30%																	
1376.5	100		BEARDSLEY 70%																	
		CALLOWAY	CENTRAL 20%																	
2226.5	850		NKWSD 80%																	
		RAILROAD	KCC&W Co. 20%																	
2426.5	200		NKWSD 80%																	
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	56	KERN ISLAND (2-ND)																		
		ROSEDALE RBWSD																		
		TRUXTUN LAKES																		
		AERA PARK																		
		COUNTY OF KERN														103				
		KERN VALLEY GOLF COURSE																		
		CALIFORNIA WATER SERVICE CO.														897				
		OLCESE WD														63				
		THE PARK AT RIVER WALK																		
		WILSON DITCH																		
		2800 ACRES SPREADING																		
		NKWSD FOR CWD																		
		NKWSD FOR ID4																		
		BVWSD VIA CWD																		
		BVWSD VIA/ FOR KDWD																		
		BVWSD VIA KDWD (MWD WATER)																		
		PANORAMA PRESERVE		6												6				
TOTALS			1063	5038	6899	0	0	0	0	0	6899	0	1056	1056	0	1069	6088	0	0	0
		LOSS		676	676														0	
FLOW AT FIRST POINT			1063	5714	7575															

ISABELLA RESERVOIR

IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
1031	305	300	220	816
0	0	0	0	0
0	674	234	13	427
0	0		0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
1031	979	534	233	1243

TOTAL CHANGE IN STORAGE = 264

NOTES:

KDWD Exch. Less: for City= 1056

CITY OF BAKERSFIELD
KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: November 2015 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	10308
LESS NON-CONTRIBUTING CANALS.....	9653
FOR OTHERS AND FIRST POINT CANALS.....	655
TO BE CONTRIBUTED BY OTHER CANALS.....	655
TO BE USED BY OTHER CANALS.....	0
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)...	0
B.V.W.S.D. ENTITLEMENT.....	0
SEEPAGE LOSS.....	655
KERN RIVER CONDUIT ENTITLEMENT.....	0
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	655

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS		ISABELLA RESERVOIR				
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO	IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
		K.C.L. Co. ENT'L @ 2ND PT.																							
300.0	300	KERN ISLAND (1-ST)		3533	9653	6278					3375						3533				0	816	147	158	511
		EASTSIDE																							
		KERN RIVER CONDUIT																							
320.0	20	CASTRO					298														0	0	0	0	0
		KCC&W Co.					883			1181			625						864		89	427	103	0	413
330.5	10.5	SOUTH FORK					625					625		625							0	0		0	0
410.5	80	BUENA VISTA (1-ST)					236				236								236		0	0	0	0	0
530.5	120	JAMES (1-ST)					4236		4236																
550.5	20	ANDERSON (1-ST)																							
700.5	150	STINE																			0	0	0	0	0
730.5	30	MEACHAM																							
880.5	150	FARMERS																			0	0	0	0	0
920.5	40	PLUNKET																							
960.5	40	JOYCE																							
1000.5	40	JOHNSON																							
1130.5	130	PIONEER (1-ST)																							
1190.5	60	BEARDSLEY (1-ST)																			0	0	0	0	0
		LERDO (NKWSD)		3628											3628						805	0	75	197	533
1200.5	10	ANDERSON (2-ND)																							
1240.5	40	JAMES & DIXON																							
1250.5	10	WILSON																			894	1243	325	355	1457
		KCC&W Co.																							
1276.5	26	McCAFFREY																							
		McCORD	LERDO 30%																						
1376.5	100		BEARDSLEY 70%																						
		CALLOWAY	CENTRAL 20%																						
2226.5	850		NKWSD 80%																						
		RAILROAD	KCC&W Co. 20%																						
2426.5	200		NKWSD 80%																						
2516.5	90	BUENA VISTA (2-ND)																							
2696.5	180	JAMES (2-ND)																							
2866.5	170	PIONEER (2-ND)																							
3106.5	240	BEARDSLEY (3-RD)																							
3162.5	56	KERN ISLAND (2-ND)																							
		ROSEDALE RBWSD																							
		TRUXTUN LAKES																							
		AERA PARK																							
		COUNTY OF KERN														69									
		KERN VALLEY GOLF COURSE																							
		CALIFORNIA WATER SERVICE CO.														750									
		OLCESE WD														30									
		THE PARK AT RIVER WALK																							
		WILSON DITCH																							
		2800 ACRES SPREADING																							
		NKWSD FOR CWD																							
		NKWSD FOR ID4																							
		BVWSD VIA CWD																							
		BVWSD VIA/ FOR KDWD																							
		BVWSD VIA KDWD (MWD WATER)																							
		BVWSD FOR La HACIENDA, INC.																							
		RIO BRAVO WELL																							
		PANORAMA PRESERVE		4												4									
		BVWSD TRANSFER TO CITY																							
TOTALS			849	7165	9653	6278	6278	0	4236	1181	3611	625	625	625	3628	853	3533	0	1100	0					
		LOSS		1755	655														1100						
FLOW AT FIRST POINT			849	8920	10308																				

TOTAL CHANGE IN STORAGE = 214

NOTES:

CITY OF BAKERSFIELD

KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: December 2015 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....	15233
LESS NON-CONTRIBUTING CANALS.....	11560
FOR OTHERS AND FIRST POINT CANALS.....	3673
TO BE CONTRIBUTED BY OTHER CANALS.....	676
TO BE USED BY OTHER CANALS.....	2997
EACH OTHER CANAL TO RECEIVE.....	N/A % OF IT'S DIVERSION RIGHT

QUANTITIES IN: ACRE-FEET

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)...	0
B.V.W.S.D. ENTITLEMENT.....	0
SEEPAGE LOSS.....	676
KERN RIVER CONDUIT ENTITLEMENT.....	0
HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....	0
TOTAL.....	676

DIVERSION RIGHT				GROSS	GROSS	RELEASES			ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS				WATER TRANS. LOSS		ISABELLA RESERVOIR				
RIVER STAGE	AMT.	NAME OF CANAL		DIV'R	ENT'L	To River	Distribution Direct	Distribution Pro	NKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO	IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
		K.C.L. Co. ENT'L @ 2ND PT.																							
300.0	300	KERN ISLAND (1-ST)		1930	11560	9510					2050						1930				234	511	78	114	553
		EASTSIDE																							
		KERN RIVER CONDUIT																							
320.0	20	CASTRO			28		230														0	0	0	0	0
		KCC&W Co.			85		680			1023			967						1978		726	413	48	195	896
330.5	10.5	SOUTH FORK			58		462					520		520							0	0		0	0
410.5	80	BUENA VISTA (1-ST)			393	393	191				191										191	0	16	0	175
530.5	120	JAMES (1-ST)			468		5056		5524																
550.5	20	ANDERSON (1-ST)			79		637		716																
700.5	150	STINE			585	585	12				12										12	0	0	0	12
730.5	30	MEACHAM			117		557		674																
880.5	150	FARMERS			413	293	87				207										207	0	4	0	203
920.5	40	PLUNKET			79		296		337																
960.5	40	JOYCE			79		238		317																
1000.5	40	JOHNSON			79		198		278																
1130.5	130	PIONEER (1-ST)			256		351		524	83															
1190.5	60	BEARDSLEY (1-ST)			117		121					238		443							0	0	0	0	0
		LERDO (NKWSD)		6432									6		6397			35			2428	533	104	149	2708
1200.5	10	ANDERSON (2-ND)			20		20		40																
1240.5	40	JAMES & DIXON			79		79		158																
1250.5	10	WILSON			12		12														3798	1457	250	458	4547
		KCC&W Co.			8		8			40															
1276.5	26	McCAFFREY			42		62		66	38															
		McCORD	LERDO 30%				119			119															
1376.5	100		BEARDSLEY 70%				240					240													
		CALLOWAY	CENTRAL 20%				224			224															
2226.5	850		NKWSD 80%				901			901															
		RAILROAD	KCC&W Co. 20%																						
2426.5	200		NKWSD 80%																						
2516.5	90	BUENA VISTA (2-ND)																							
2696.5	180	JAMES (2-ND)																							
2866.5	170	PIONEER (2-ND)																							
3106.5	240	BEARDSLEY (3-RD)																							
3162.5	56	KERN ISLAND (2-ND)																							
		ROSEDALE RBWSD																							
		TRUXTUN LAKES		371													371								
		AERA PARK																							
		COUNTY OF KERN															44								
		KERN VALLEY GOLF COURSE																							
		CALIFORNIA WATER SERVICE CO.															462								
		OLCESE WD															10								
		THE PARK AT RIVER WALK																							
		WILSON DITCH																							
		2800 ACRES SPREADING																							
		NKWSD FOR CWD																							
		NKWSD FOR ID4																							
		BVWSD VIA CWD																							
		BVWSD VIA/ FOR KDWD																							
		BVWSD VIA KDWD (MWD WATER)																							
		PANORAMA PRESERVE												10											
TOTALS			516	8733	14557	10781	10781	0	8634	2428	2460	998	973	973	6397	887	1930	35	1978	0					
		LOSS		2654	676														1978						
FLOW AT FIRST POINT			516	11387	15233																				

TOTAL CHANGE IN STORAGE = 3090

NOTES:

BVWSD Transfer to 1st Pt. Grp.: NKWSD (6); City (4)

NKWSD/KCC&W Co. Ent'l: reflects release to City (due to inability to divert natural flow ent'l)= 1141

ISABELLA DAM & LAKE

KERN RIVER BASIN, CALIFORNIA

MIDNIGHT STORAGE

JANUARY

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	318	318	318	318	318	319	319	319	319	318	318	319	318	318	318	317	318	319	328	322	318	317	317	425	564	371	359	354	353	348	347
1955	9659	9705	9751	9782	9828	9866	9897	9935	9981	10062	10103	10152	10160	10160	10177	10226	10209	10234	10209	10177	10177	10177	10168	10168	10168	10168	10168	10168	10168	10168	10177
1956	79823	80916	81717	82627	83262	83714	84353	84842	85218	85556	85932	86308	86729	87000	87350	87932	88358	88707	88978	89211	89521	89793	90181	90775	97873	103902	111558	114739	117165	118398	119727
1957	130263	130263	130213	130213	130162	130162	130162	130112	130062	130062	130062	130413	130413	130413	130363	130313	130313	130263	130263	130413	130413	130363	130313	130313	130413	130363	130263	130263	130213	130213	130263
1958	101413	101413	101370	101328	101328	101328	101328	101328	101286	101286	101244	101244	101201	101201	101159	101159	101117	101117	101074	101032	100990	100947	100947	101540	102302	103293	103728	103815	103815	103771	103711
1959	198047	197981	197916	197786	197786	198177	198112	198112	198112	198112	198112	198047	197916	197851	197786	197786	197721	197655	197655	197655	197590	197590	197525	197525	197460	197460	197395	197395	197199	197004	196874
1960	71575	71542	71509	71509	71542	71509	71509	71542	71542	71608	71805	71805	71838	71970	72036	72036	72036	72036	72036	72003	72036	72036	72003	72036	72036	72069	72069	72036	72036	72036	72003
1961	29101	29101	29082	29082	29082	29064	29064	29064	29045	29045	29027	29027	29010	29010	28992	28992	28974	28957	28957	28939	28921	28921	28903	28886	28886	28921	28939	28939	28921	28921	28903
1962	17524	17524	17511	17511	17498	17498	17486	17486	17486	17473	17448	17498	17498	17498	17486	17473	17473	17473	17524	17789	17827	17802	17751	17726	17688	17663	17650	17650	17650	17650	17650
1963	82849	82849	82811	82811	82744	82736	82736	82700	82663	82590	82590	82554	82518	82481	82445	82408	82408	82372	82336	82336	82299	82299	82299	82299	82263	82263	82226	82190	82263	82886	97873
1964	169983	169983	169922	169862	169801	169741	169621	169561	169502	169384	169384	169324	169206	169087	168909	168671	168552	168552	168552	168552	168849	169028	169028	169028	169028	168968	168909	168849	168849	168790	168671
1965	118683	118920	119490	120011	120628	121352	122427	122964	123403	123647	123842	124037	124135	124135	124232	124330	124428	124575	124770	124965	125161	125307	125502	126598	127201	127602	127853	128104	128305	128456	128606
1966	171193	171073	170891	170709	170588	170467	170346	170164	170043	169982	169982	169982	169982	169962	169922	169922	169922	169922	169862	169862	169862	169801	169740	169740	169740	169680	169680	169680	169621	169680	169621
1967	309662	306252	302286	297531	293058	288301	283427	278678	274286	270475	266925	263707	260283	257110	253885	250831	247799	244640	241578	238680	236521	235445	234229	233515	232447	231027	229753	228483	227780	228132	229612
1968	199871	199806	199806	199740	199740	199740	199675	199675	199675	199937	200265	200134	200199	200199	200199	200330	200330	200265	200265	200265	200265	200265	200330	200330	200265	200199	200265	200199	200134	200068	200134
1969	124431	124381	124381	124381	124431	124431	124381	124431	124381	124332	124283	124283	124578	124824	125120	125120	125070	125465	131851	137772	146487	152658	155603	165291	208151	230248	239620	244933	248167	250386	251946
1970	225326	225256	225046	224767	224697	224627	224697	224767	225256	225955	226516	226796	226796	227007	227850	238103	243033	243982	245153	246106	246621	247062	247257	247799	248389	248463	248610	249054	248980	248832	248832
1971	172219	172582	172703	172703	172703	172763	172884	173127	173309	173430	173612	173916	174220	174524	174707	175011	175377	176050	176907	177890	178876	179432	179494	179494	179432	179309	179247	179185	179062	179062	179123
1972	122089	122089	122089	122040	121992	121992	122089	122089	122040	121992	121992	121992	121992	122040	122040	122040	122040	121992	121992	121943	121943	121943	121895	121847	121847	121798	121750	121702	121702	121702	121605
1973	55645	55617	55645	55674	55617	55533	55449	55702	56409	56693	56922	57122	57380	57610	57812	58830	60930	62743	64529	65247	65907	66476	66889	67016	67080	67399	67463	67527	67431	67367	67431
1974	206281	206347	206414	206347	206414	206747	207148	207281	207415	207549	207616	208151	208955	209425	209761	210434	212545	214428	215860	217022	218257	218807	219220	219633	219633	219978	219978	220047	220116	220116	219978
1975	223930	224000	223930	223930	224000	224139	224278	224627	224837	224837	225116	225116	225116	225046	224906	224906	224906	224906	224906	224906	224906	224906	224767	224767	224488	224488	224418	224348	224139	223721	223303
1976	170131	170131	170190	170131	170190	170309	170368	170487	170546	170784	170724	170843	170962	171021	171140	171140	171259	171438	171557	171498	171498	171557	171498	171557	171557	171617	171617	171319	170724	170427	170309
1977	67668	67897	67930	67930	67930	67864	67668	67636	67570	67505	67440	67375	67343	67278	67245	67180	67148	67115	67050	67018	67050	67018	67018	66953	66953	66888	66856	66824	66759	66727	66598
1978	44060	44228	44543	44858	45029	45520	45989	46238	46612	47317	47800	48081	48389	49062	51900	54573	57458	58985	60480	61604	62248	62680	63083	63332	63456	63581	63738	63769	63832	63894	63926
1979	244755	244458	244606	244904	245203	245128	245203	245203	245352	245054	245652	246251	246624	246924	247599	247675	247750	247675	247599	247449	247299	246999	246849	246474	246251	246101	245502	245652	245427	245427	245278
1980	208970	208970	208700	208496	208360	208292	208224	208292	208632	209719	211015	227232	250310	274831	283991	288715	291750	294307	295879	296959	297542	297956	298039	298123	297956	297625	297375	297542	298039	297873	297292
1981	229741	229669	229669	229741	229741	229741	229669	229597	229669	229669	229597	229669	229741	229741	229669	229813	229813	229813	229741	229741	229669	229669	229669	229526	229382	229166	229166	229669	231109	231182	231543
1982	168984	169461	169520	169819	171619	172160	172100	171920	171920	171920	172100	172160	172220	172220	172220	172220	172100	172039	172220	172825	172825	172885	172946	173067	173370	173611	173914	174097	174401	174522	174644
1983	261325	261170	260938	260628	260396	260319	260242	260087	260010	260164	260551	261015	261558	262099	262332	262177	262254	262177	262177	262177	261944	264120	268344	272210	275707	277705	281402	284397	287000	289125	290764
1984	312967	313823	314423	315536	316654	317340	317771	318375	318807	318720	319755	320015	319842	320101	319842	319755	320015	319842	319582	319409	319064	318977	318289	317254	315708	314251	311261	309475	307017	304991	302636
1985	244979	244829	244680	244383	244085	243787	244085	244458	244531	244458	244531	244309	243936	243787	243564	243117	242671	242302	241931	242153	242671	243117	243489	243862	244085	243862	243862	243787	243787	243862	244085
1986	195579	195645	195841	196627	198664	199918	200513	200579	200712	200845	201044	201244	201377	201576	201643	201709	201843	201976	201976	202174	202241	202374	202308	202308	202374	202374	202374	202374	202574	204246	205724
1987	244011	243936	244011	244531	244680	245278	245427	245427	245352	245352	245352	245352	245427	245352	245427	245352	245203	245278	245502	245502	245502	245427	245502	245427	245352	245278	245054	244904	244755	244680	244606
1988	143030	143303	143464	143731	144538	145023	144969	145077	144969	144862	144808	144700	144754	144700	144592	144700	144862	144969	144969	145023	145023	144915	144969	144915	144915	144862	144862	144808	144700	144538	144431
1989	73477	73444	73342	73275	73241	73342	73275	73208	73208	73208	73208	73174	72973	72939	72906	72839	72839	72872	72939	72939	72973	72906	72872	72872	72772	72705	72705	72671	72504	72303	72004
1990	85902	85978	85940	85940	85902	85940	85940	86015	86015	85978	85978	85978	86129	86167	86015	86015	85940	85940	85940	85902	85902	85940	86015	86091	86015	85940	85789	85638	85488	85376	85263
1991	45990	45966	46086	46279	46351	46279	46158	46110	46086	46062	46014	46014	45966	45990	45966	45942	45919	45942	45942	45990	45990	45990	45966	45990	45990	45966	45966	45942	45919	45895	45871
1992	89615	89499	89421	89421	89538	89538	89771	89693	89576	89499	89383	89383	89267	89189	89228	89228	89305	89305	89305	89228	89150	89112	89073	89034	88957	88918	88918	88918	88918	88918	88879
1993	82226	82226	82262	82226	82153	82189	84217	87764	88957	89460	89810	90122	90512	91219	91889	92404	92962	93962	94566	94849	95416	95945	96517	96927	97256	97503	97750	97957	98164	98289	98413
1994	242450	242450	242376	242228	242153	242079	242079	242005	242005	242005	242005	241931	242931	242931	241857	241783	241783	241708	241708	241634	241634	241560	241634	241560	241486	241338	241264	241190	241116	240968	240600
1995	115538	115538	115492	116281	116421	116468	116795	117075	117496	119288	121865	124041	125750	127229	129770	131432	132446	133108	133721	134131	134747	135211	135829	136555	137386	138430	139323	140113	140801	141436	142075
1996	246474	246474	246399	246326	246326	246326	246326	246251	246176	246101	246026	245951	245876	245801	245652	246774	249481	250009	251522	252127	252507	252811	252735	252963	253572	254027	254409	255096	255555	255860	256396
1997	253267	265992	301715	317599	327408	334267	339774	344518	348663	352286	355475	358861	361985	364569	367906	370602	373123	375559	377814	380549	383104	386429	392159	396487	404136	414614	421737	427018	430625	432936	434546
1998	242671	242820	243043	243266	243266	243117	243043	243043	243415	243787	244011	244383	244829	244755	245203	246924	247299	246474	245876	244829	244309	244011	243862	243638	243489	243340	243043	242599	242450	242228	242005
1999	244829	244904	244829	244829	244829	244755	244755	244829	244755	244755	244680	244606	244680	244755	244755	244680	244755	244829	245278	246849	247750	247675	247599	247825	248576	249103	249103	248953	248802	248726	248651
2000	168448	167854	167794	167735	167735	167676	167735	167735	167676	167616	167616	167616	167735	167794	167854	167854	167913	167972	167913	167676	167321	166907	166493	166729	167380	167735	167735	167557	167321	167203	167616
2001	129569	129569	129569	129569	129620	129620	129620	129670	129670	129770	130323	130273	130273	130222	130172	130122	130122	130071	130222	130273	130222	130172	130172	130273	130323	130424	130323	130273	130222	130222	130172
2002	106607	106959	107222	107398	107487	107575	107663	107796	107840	107840	107796	107796	107796	107752	107708	107663	107575	107619	107531	107575	107531	107531	107531	107442	107398	107354	107487	107487	107487	107442	107487
2003	138326	138430	138640	138850	139060	139218	139271	139428	139585	139743	139954	140060	140113	140166	140324	140430	140536	140695	140854	140958	141011	141117	141171	141277	141436	141596	141649	141755	141862	141915	142022
2004	148615	148780	148890	148835	148780	148725	148835	148890	148890	148945	149054	149274	149494	149715	149880	150101	150322	150376	150487	150709	150819	150875	150819	150764	150764	150764	150819	151041	151152	151208	151263
2005	94123	94123	94123	94123	94083	94043	94083	94123	98703	106739	114429	117778	119288	120285	120953	121432	121913	122345	122732	123166	123797	124478	124967	125555	126538	127477	128620	129369	129971	130424	130775
2006	249103	252279	255402	256319	256626	256549	256473	256703	256779	256549	255860	254943	253801	252583	251673	250688	249179	248051	247074	245726	244904	244979	244829	244755	244755	244680	244606	244606	244680	244755	244904
2007	226875	226875	226804	226804	227304	227447	227518	227590	227518	227518	227662	227733	227733	227662	227447	227304	227161	226946	226804	226661	226518	226304	226092	225949	225807	225664	225593	225522	225166	224102	223182
2008	107442	107487	107619	108017	111146	112688	113374	113831	114245	114614	114982	115214	115399	115399	115399	115399	115399	115399	115306	115121	115029	114936	114890	114890	114936	115121	115260	115492	115445	115399	115306
2009	117122	117355	117778	118154	118436	118767	119003	119193	119525	119714	119999	120285	120524	120762	121049	121145	121288	121288	121336	121192	121049	121145	121913	122587	123312	123895	124187	124429	124674	124820	124967
2010	110830	111101	111327	111507	111734	111961	112233	112461	112688	112916	113145	113374	113877	114337	114568	114845	115121	115910	116795	117731	118672	119288	119809	120333	120905	121432	121865	122345	122683	123022	123361
2011	235461	236118	236557	236191	235461	234369	233425	232337	231182	230224	228951	227662	226518	225451	224457	223748	223252	222899	222899	222757	222476	222335	222124	221912	221560	221208	220787	220366	219874	219804	219664
2012	167203	167143	167084	167025	167025	166847	166847	166847	166729	166670	166729	166670	166670	166552	166374	166256	165904	165492	165197	165374	167025	167794	168865	169640	170119	170478	170537	170657	170597	170597	170537
2013	83734	83698	83624	83550	83476	83513	83476	83402	83402	83476	83513	83624	83624	83698	83513	83328	83107	82849	82666	82446	82299	82116	82116	82262	82666	82812	82922	82959	82849	82629	82519
2014	59832	60036	60153	60094	60007	59920	59861	59775	59717	59630	59514	59543	59485	59485	59369	59398	59282	59167	59052	58937	58822	58678	58563	58392	58250	58107	58022	57936	57851	57851	57993
2015	44757	44687	44640	44640	44640	44616	44569	44546	44546	44569	44827	44898	44921	44921	44898	44827	44780	44780	44780	44804	44804	44827	44827	44804	44804	44827	44851	44874	44874	44874	44874
Max.	**312967**	**313823**	**314423**	**317599**	**327408**	**334267**	**339774**	**344518**	**348663**	**352286**	**355475**	**358861**	**361985**	**364569**	**367906**	**370602**	**373123**	**375559**	**377814**	**380549**	**383104**	**386429**	**392159**	**396487**	**404136**	**414614**	**421737**	**427018**	**430625**	**432936**	**434546**
Min.	**318**	**318**	**318**	**318**	**318**	**319**	**319**	**319**	**319**	**318**	**318**	**319**	**318**	**318**	**318**	**317**	**318**	**319**	**328**	**322**	**318**	**317**	**317**	**425**	**564**	**371**	**359**	**354**	**353**	**348**	**347**
Ave.	**149461**	**149729**	**150346**	**150620**	**150879**	**151012**	**151125**	**151237**	**151387**	**151607**	**151875**	**152280**	**152759**	**153224**	**153474**	**153846**	**154140**	**154293**	**154557**	**154786**	**155066**	**155325**	**155578**	**155956**	**157016**	**157710**	**158132**	**158404**	**158568**	**158684**	**159025**

ISABELLA DAM & LAKE

KERN RIVER BASIN, CALIFORNIA

MIDNIGHT STORAGE

FEBRUARY

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	344	342	340	336	336	335	333	335	336	333	332	334	534	510	397	380	377	388	375	368	365	363	357	353	351	350	346	344			
1955	10185	10160	10152	10152	10152	10152	10152	10160	10168	10177	10144	10144	10152	10161	10161	10193	11315	12134	12290	12392	12476	12559	12596	12606	12606	12606	12616	12626			
1956	120818	121596	122524	123208	123988	124770	125307	125845	126397	127050	127552	127954	128305	128506	128556	128606	128606	128656	128656	128707	128707	128707	128707	128707	128707	128707	128707	128606	128606		
1957	130263	130263	130213	130162	130162	130162	130313	130614	130715	130715	130815	130815	131021	131176	131279	131383	131486	131537	131537	131486	131486	131434	131537	131692	132362	132672	132826	133291			
1958	103771	104032	104119	104468	104773	104948	105122	105339	105470	105600	105644	105861	106123	106297	106471	106558	106689	106907	107395	107708	107931	108155	108379	108693	111696	113494	114416	114555			
1959	196678	196352	196222	196026	195831	195636	195571	195505	195375	195375	195571	195571	195701	195766	196092	196418	196808	197134	197264	197329	197329	197329	197264	197264	197264	197264	197264	197329			
1960	72849	75437	76031	76312	76454	76595	76700	77334	79896	80843	81535	82008	82372	82700	82924	83225	83413	83638	83864	84014	84127	84240	84353	84428	84503	84503	84503	84616	84729		
1961	28903	28886	28868	28868	28850	28833	28833	28833	28815	28815	28797	28780	28762	28762	28744	28744	28762	28709	28691	28691	28673	28656	28656	28656	28638	28638	28620	28620			
1962	17650	17638	17638	17638	17625	17613	17650	20332	23724	26937	31106	33986	35517	36644	37824	38994	39776	40449	41190	41789	42184	42627	42859	43138	43301	43371	43417	43394			
1963	127803	139518	144847	148359	150972	153046	154752	156287	157765	159911	161597	162876	164281	165468	166536	167426	168256	169028	169621	170346	170952	171436	171920	172404	172827	173312	173857	174280			
1964	168552	168434	168256	168019	167781	167544	167307	167070	166833	166595	166536	166476	166358	166239	166179	166179	166120	166061	166001	165883	165705	165408	165112	164756	164459	164162	163866	163631	163515		
1965	128757	128907	129058	129158	129309	129560	129660	129711	129711	129660	129610	129560	129510	129409	129309	129108	128857	128556	128205	127853	127251	126799	126347	125697	125063	124330	123988	123549			
1966	169680	169680	169680	169740	169982	170285	170406	170406	170406	170346	170224	170164	170164	170164	170104	170104	170104	170043	170043	169983	169983	169983	169922	169801	169502	169265	168909	168434			
1967	231665	233301	234801	236162	237527	238825	240199	241578	242815	244274	245813	247357	248980	250757	252170	253587	254633	255082	255608	255758	255758	255758	255532	255157	254708	254408	254184	253811			
1968	200068	200068	200068	200134	200002	199806	199675	199609	199675	199740	199806	199675	199544	199348	199086	198825	199348	199937	200068	200330	200658	201381	201908	202435	202831	203029	203162	203162	203162		
1969	253213	254409	255307	255983	256809	258543	259223	259904	260662	260586	259601	258845	257939	256584	256058	255532	254334	253064	251872	250312	248832	247062	246180	246841	251946	254708	255757	256358			
1970	249128	249349	249497	249720	249942	250164	250312	250535	250683	251277	251872	252244	252691	253288	253586	253810	254035	254334	254483	254633	254783	255008	255232	255532	255757	255983	256058	256734			
1971	179123	179123	179123	179062	178876	178876	178691	178506	178260	178013	177890	177706	177644	177521	177460	177460	177214	177030	176907	176907	176785	176478	176172	175622	175255	174768	174159	173551			
1972	121605	121557	121460	121412	121557	121702	121847	121798	121750	121702	121653	121557	121508	121412	121315	121122	121026	120833	120593	120401	120161	119970	119492	119015	118920	118540	118208	117736	117311		
1973	67495	67431	67367	67335	67463	67752	68170	68428	68558	68914	69926	70980	71712	72415	73022	73394	73768	74109	74417	74726	74932	75139	75381	75658	75832	76075	76354	77124			
1974	220047	220116	220116	219909	219909	219633	219427	219151	218738	218394	217845	217296	216954	216201	215587	214632	213952	212866	211784	210906	209828	208821	208084	207081	205814	204486	203624	202501			
1975	222886	222400	221637	221637	221499	221360	221084	220945	221084	221984	222192	222192	222261	222261	222192	222192	221984	221637	220807	220600	220254	219840	218669	217982	217091	216201	215177	214156			
1976	170131	169893	169420	169243	169065	169138	169302	169124	169716	169893	169953	169893	169834	169893	169893	169893	169953	169775	169953	170012	169953	169716	169302	169065	168711	168298	167769	167122	166829		
1977	66630	66598	66565	66533	66501	66436	66404	66276	66308	66308	66243	66179	66115	66051	65987	65922	65858	65794	65730	65571	65635	65698	65730	65698	65603	65507	65411	65220			
1978	63957	64020	64051	64051	64208	65252	67406	70783	82683	94425	99289	103270	106423	108783	110632	112410	113974	115460	116863	118278	119608	120996	122442	123850	125318	126550	127838	129436			
1979	245352	245577	245427	245352	245352	245427	245427	245502	245577	245502	245577	245577	246176	247900	249103	249556	249858	249858	250159	250537	251597	252355	252963	253267	253496	253877	254104	254409			
1980	296544	295796	295052	294307	293399	292574	291914	291011	289943	288633	287408	286103	284884	284072	283828	285372	289697	316138	333119	344878	354927	361708	366884	370975	373779	375935	378286	380927	383199		
1981	231686	231830	231903	232047	232120	232265	232265	232845	233641	234005	234151	234369	234515	234660	235098	235315	235972	237288	237508	238169	238169	238243	238243	238390	238463	238463	238096	237875			
1982	174766	174888	174583	174644	174279	173732	172825	172160	171258	170957	170597	170238	169700	169819	170119	173550	176353	177888	178936	179926	180795	181604	182354	182730	182979	193041	183230	183104			
1983	291832	292491	292821	292904	293317	295135	300040	304401	307441	309475	310750	312285	316568	319755	322006	324352	326270	328194	330300	331974	333561	335064	336570	337637	339061	342725	350200	357027			
1984	298623	296211	293565	290847	288224	285533	282858	280194	277625	276186	274752	273478	272051	271814	271024	271024	271418	271340	271261	270787	269918	269210	268423	267480	267325	266933	265992	265134	264354		
1985	244160	244458	244680	244829	244979	244904	244755	245128	245352	245427	245054	244829	244458	244085	243564	242969	242228	241634	240674	240230	239566	238905	238243	237582	236850	236118	235388	234660			
1986	206331	206736	206871	207275	207411	207614	207750	207817	208021	208360	208428	210197	224032	230532	238463	245352	250310	260087	274991	284803	290929	295550	299374	302720	306004	309220	312371	315450			
1987	244531	244458	244383	244309	244234	244160	244085	244011	243862	243862	244011	243862	244606	246251	246326	246326	246026	245652	245577	245427	245427	245128	245128	244979	244755	244383	244011	243713			
1988	144377	144377	144377	144269	144215	144108	144000	143785	143464	143250	142982	142661	142340	142128	141808	141596	141330	140905	140536	140113	139638	139113	138588	138013	137491	136970	136503	136296	136036		
1989	71606	71342	71342	71473	71573	71408	71342	71441	71539	71606	71506	71441	71375	71309	71243	71210	71177	71111	71276	71309	71276	71375	71606	71805	72004	72337	73040	73376			
1990	85113	85038	84851	84701	84590	84441	84329	84291	84254	84217	84180	83994	83845	83698	83550	83439	83365	83402	83291	82996	82849	82629	82446	82299	82080	81897	81679	81570			
1991	45847	45799	45799	45752	45728	45728	45704	45680	45656	45632	45585	45537	45561	45561	45561	45513	45465	45465	45442	45418	45418	45370	45370	45347	45324	45324	45300	45347			
1992	88763	88725	88686	88648	88570	88532	88493	88532	88570	88609	88686	89034	89228	89267	89383	89383	89421	89421	89305	89228	89305	89383	89460	89460	89388	89344	89344	89383	89421		
1993	98537	98662	98745	98828	98870	99037	99287	99915	100756	101433	101814	102155	102325	102496	102624	102709	102880	103180	103567	104473	104992	105471	106959	108327	109216	110156	110966	111418			
1994	240009	239271	238390	237949	237435	236850	236631	236850	236850	236850	236777	236777	236631	236484	236484	236411	236557	236777	236850	237070	236950	236557	236191	235972	235753	235534	235171	234660			
1995	142928	143946	144862	145726	146540	147357	148122	149054	149660	150156	150542	150930	151541	153998	155858	156992	157903	158704	159506	160368	161351	162336	163441	164553	165668	166788	167913	168925			
1996	256933	257317	257701	258161	261015	263265	264822	266071	267246	268226	269289	270313	271103	271893	272765	273637	274353	275150	277625	292244	299873	304823	307864	310494	312796	314849	316654	318116	319409		
1997	436061	437474	438284	438487	438687	438788	438588	438284	437879	437069	435758	434042	432432	430826	429019	427018	425222	423626	421637	418860	416094	413727	410879	407745	404526	401030	397837	394560			
1998	242302	244234	244606	244606	244160	243787	244160	244680	244531	244011	243489	243043	242376	245054	248877	250310	250840	250612	250612	250915	251825	257853	267715	274274	278106	280678	282696	283910			
1999	248500	248201	247675	247074	246474	245801	245352	245502	245352	245726	245352	244904	244531	244606	244755	244755	244979	245054	245203	245427	245502	245427	245352	245203	245054	244979	244979	244829			
2000	167794	167735	167676	167616	167616	167557	167499	167499	167440	167499	167735	167972	169222	171258	172764	173672	174157	174583	174766	175069	175619	175925	176597	176842	177149	177457	177826	178318	178688		
2001	130172	130222	130222	130222	130222	130172	129971	129870	129820	129870	130172	130172	130323	130323	130323	130474	130474	130373	130323	130323	130323	130323	130323	130826	130876	130927	130927	130927			
2002	107531	107531	107663	107708	107708	107752	107796	107885	107840	107796	107708	107708	107708	107663	107663	107575	107575	107663	107619	107663	107619	107575	107487	107398	107442	107398	107531	107619			
2003	142022	142182	142287	142182	142128	142022	141808	141649	141649	141702	141862	142554	143089	143677	144646	145401	146215	146812	147303	147738	148231	148780	149274	149770	150432	150986	151374	151652			
2004	151319	151597	151762	151985	152097	152208	152320	152487	152599	152711	152822	152990	153046	153102	153157	153269	153437	153717	153942	154111	154223	154336	154504	154616	155010	155970	156765	157389	157903		
2005	130977	131179	131382	131686	131989	132294	132548	132905	133159	133465	133670	133875	134131	134438	134747	135004	135314	136036	136919	137804	139008	140483	141649	142607	143410	144161	144808	145401			
2006	245054	245278	245502	245577	245726	245801	245801	245801	245801	245801	245801	245801	245801	245726	245502	245203	245054	245054	245128	245128	245128	245054	244979	244904	244829	244755	245352	248051			
2007	222618	222124	221771	221278	220858	220647	220436	220225	220085	220015	220506	220647	220717	220647	220576	220647	220647	220647	220858	220996	221067	220996	221067	220996	220996	220996	221348	221489			
2008	115214	115306	116421	116841	117075	117261	117308	117449	117778	118060	118296	118531	118625	118909	119098	119240	119383	119525	119714	120190	120809	121960	123360	125065	126932	128122	129170	130222	131230		
2009	125016	125016	124967	124967	124967	125065	125212	125310	125506	125603	125652	125800	125898	125947	126095	126243	126341	126538	126588	126637	126785	127081	127874	129070	129720	130323	131129	131534			
2010	123700	123992	124284	124625	125114	125947	126736	127378	128172	128670	129170	129670	130122	130624	131230	131837	132497	133108	133772	134438	135262	136244	136867	138535	140377	141596	143250	144538			
2011	219945	220085	220085	220155	220295	220295	220155	220436	220576	220506	220015	219594	219244	218826	218267	217709	217153	216110	215003	213692	212316	210810	209311	207682	206533	205187	204045	203175			
2012	170418	170478	170358	170358	170418	170418	170418	170238	169939	169520	169102	168746	168746	168806	168806	168806	168806	168686	168686	168865	168567	168567	168627	168567	168567	168627	168448	168270	168091		
2013	82409	82372	82446	82482	82372	82446	82372	82299	82299	82153	82189	82336	82336	82372	82372	82336	82336	82226	82299	82299	82409	82409	82482	82556	82446	82409	82336	82299			
2014	58250	58420	58478	58592	58678	58822	58937	58994	59138	59282	59340	59282	59224	59167	59081	59023	58994	59023	59081	59138	59167	59253	59340	59456	59485	59514	59601	60211			
2015	44851	44874	44921	44969	45016	45063	45229	45775	46255	46568	46714	46811	46957	47127	47322	47470	47592	47617	47592	47568	47494	47716	47789	47740	47642	47617	47642	47666			
Max.	**436061**	**437474**	**438284**	**438487**	**438687**	**438788**	**438588**	**438284**	**437879**	**437069**	**435758**	**434042**	**432432**	**430826**	**429019**	**427018**	**425222**	**423626**	**421637**	**418860**	**416094**	**413727**	**410879**	**407745**	**404526**	**401030**	**397837**	**394560**	**383199**		
Min.	**344**	**342**	**340**	**336**	**336**	**335**	**333**	**335**	**336**	**333**	**332**	**334**	**534**	**510**	**397**	**380**	**377**	**388**	**375**	**368**	**365**	**363**	**357**	**353**	**351**	**350**	**346**	**344**	**84729**		
Ave.	**159585**	**159915**	**160035**	**160114**	**160210**	**160342**	**160502**	**160770**	**161179**	**161553**	**161758**	**161935**	**162353**	**162760**	**163140**	**163497**	**163843**	**164554**	**165182**	**165835**	**166264**	**166660**	**167060**	**167389**	**167759**	**168191**	**168328**	**168607**	**179499**		

ISABELLA DAM & LAKE

KERN RIVER BASIN, CALIFORNIA

MIDNIGHT STORAGE

MARCH

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	342	342	341	336	331	331	331	331	623	569	492	434	374	360	357	369	384	387	379	390	403	390	387	399	408	407	417	455	463	521	487
1955	12626	12606	12596	12596	12596	12596	12606	12606	12606	12596	12532	12281	11948	11734	11507	11255	10917	10592	10266	9958	9667	9444	9237	9042	8862	8668	8495	8300	8139	7869	7453
1956	128456	128405	128355	128004	128004	128054	127903	127652	127301	126548	125946	125358	124330	123549	122524	121303	120391	119300	118778	118350	118350	118540	119110	119632	120296	121255	122329	123452	124526	125551	127150
1957	133291	133239	133188	133136	133033	133136	133136	133084	133033	132981	132878	132620	132620	132776	132776	132723	132620	132517	132414	132104	131898	131486	131125	130765	130464	130162	129861	129610	129309	128907	128456
1958	114555	114555	114601	114647	114647	114647	114693	114739	114739	114831	114923	115016	115062	115154	116168	117353	119680	121450	122720	124135	126448	129158	131176	132672	133961	135044	136131	137137	137877	138724	139836
1959	197329	197395	197460	197525	197460	197375	197329	197264	197069	196808	196483	196157	196026	195896	195636	195310	194854	194401	193825	193313	192672	192096	191648	191264	191008	190880	190880	190880	190880	190752	190688
1960	84804	84917	84992	85105	85218	85368	85706	86120	86458	86845	87078	87427	87893	88291	88513	88746	88823	88901	89017	89133	89327	89405	89444	89366	89250	89172	89366	90181	90735	91015	91414
1961	28603	28585	28567	28549	28549	28638	28620	28603	28603	28567	28532	28443	28319	28213	28266	28231	28213	28178	28160	28142	28142	28125	28107	28107	28142	28160	28160	28178	28213	28213	28195
1962	43371	43371	43371	43371	43371	43417	43440	43417	43394	43371	43324	43278	43278	43278	43231	43134	43045	42906	42697	42464	42115	41719	41055	40449	39798	39125	38192	37413	36790	36185	35621
1963	174764	175128	175491	175856	176103	176350	176659	176782	176967	177029	176967	176967	176967	176844	176597	176720	176720	176659	176659	176659	176782	176967	177029	177090	177214	177276	177399	179127	180855	181904	182701
1964	163282	163166	162817	162469	162004	161655	161307	160842	160376	160086	159679	159389	159214	158866	158691	158401	158227	157994	157822	157652	157538	157708	157708	157652	157595	157652	157708	157822	157936	158227	158633
1965	123110	122671	122329	121840	121352	120818	120248	119632	118873	118066	117924	118019	117924	117734	117450	117260	117117	117117	117117	117117	117117	117117	117117	117117	117165	117165	117165	117212	117212	117260	117307	117402
1966	168019	167604	167070	166476	165823	165171	164518	163631	162934	162236	161597	160842	160086	159388	158633	157822	157083	156344	155776	155264	154742	154410	154183	154126	154070	154070	154070	154183	154410	154638	154979
1967	253512	253288	253064	253064	252989	252766	252542	252319	252021	251946	251872	251946	252170	252319	252393	253064	256133	258316	260358	262181	264012	265772	267463	269392	271018	272494	273974	275615	277105	278442	280335
1968	203228	203228	203095	202897	202435	201908	202435	202765	202765	202897	203029	203095	203095	203426	203691	204088	204419	204486	204618	204685	204618	204552	204552	204552	204552	204552	204685	204751	204950	205149	205415
1969	256809	256659	256433	255983	255232	253960	252244	250090	248167	246106	243909	241287	237959	233800	229188	224557	220392	216338	212595	208419	204486	200265	195896	192028	188074	184227	180733	177890	175866	174829	175133
1970	257261	257864	258165	258769	259374	259752	260207	260586	260889	261573	261877	262258	262486	262867	263248	263554	263859	264012	264012	263783	263554	263325	262943	262562	262182	262182	262182	262410	262410	262410	262258
1971	172763	171917	170953	170111	169332	168555	167483	166474	165350	164289	163174	162355	161771	160840	160317	159622	159217	158813	158525	158295	158180	158065	158065	158237	158352	159102	160491	161771	162939	163878	164937
1972	117029	116559	116419	116372	116325	116091	115764	115624	115298	115066	115020	115020	115112	115345	115531	115624	115811	115998	116138	116185	116372	116419	116700	116841	116841	116888	116982	116841	116841	116700	116606
1973	77830	78504	79040	79614	79866	80372	80698	81171	81537	81830	82345	82677	82899	82899	82862	82862	82825	82936	83159	83680	84428	84993	85371	85787	86244	86894	87585	88436	89019	89605	90114
1974	201710	203757	204618	204618	204419	204220	204887	205083	205681	206214	206547	207014	207415	208084	208754	209761	210636	211581	212392	213205	214020	214973	215860	216885	218051	219151	219978	220945	222470	224069	225605
1975	213341	212595	211851	210838	210030	209089	208352	207816	207482	207081	207215	207081	206681	206614	206414	206414	206347	206214	206147	206014	206081	206547	206881	207081	208017	209224	209896	210030	210098	210299	210434
1976	166888	166712	166420	166069	165485	164961	164554	164147	163625	163104	162527	162123	161491	161031	160687	160344	160001	159544	159259	158917	158633	158179	157725	157386	157159	156933	156820	156651	156538	156425	156256
1977	65125	65030	64934	64808	64713	64555	64429	64240	64020	64051	63988	63957	63863	63769	63581	63488	63394	63394	63363	63332	63301	63269	63176	63145	63269	63269	63238	63145	63145	63114	63052
1978	132516	138394	144004	156031	166829	173531	178370	182423	186091	189171	192216	194969	197226	199303	201327	203430	205610	207938	210348	212774	215761	220080	223681	226824	229921	233185	236546	240007	243204	246866	254057
1979	254867	255173	255479	255936	256396	256856	257470	258238	259394	260474	261480	262177	262876	263420	263964	265134	265836	266384	267168	268030	268738	269368	269918	270550	271182	271893	273321	275310	276506	277785	278909
1980	384338	386048	388239	390053	392063	393696	395137	395812	396391	396198	395041	393888	392639	391298	390053	389099	387762	386524	385477	383768	382158	380455	378380	376687	374998	372845	370695	368647	366605	364754	363000
1981	237949	237728	237362	237070	237070	237070	236924	236850	236704	236484	236265	236191	235972	235899	235680	235388	235244	234952	235461	235826	236484	237070	237728	238169	238537	239198	239787	240157	240378	240894	241264
1982	182916	182916	183292	183481	183669	183732	183607	183481	183292	183481	185180	186953	188289	189631	191043	192397	194277	195516	196692	197807	198992	200117	201244	202441	203644	204649	205926	207074	208768	209856	211289
1983	367906	378286	386715	393119	397837	402193	406475	410879	414811	418466	421637	424124	428718	435859	439600	441934	444478	446722	448154	449381	450920	452665	454929	458026	459888	461029	462065	463416	464145	465289	467478
1984	263574	262954	262487	262323	261866	261403	261015	260474	260087	259855	259932	259701	259548	260783	261325	261944	262643	263187	263420	263574	264276	264978	265914	267011	268030	269210	270550	271972	273478	274672	275787
1985	233787	233425	232917	232410	231830	231830	231543	231109	230821	230460	229884	229310	228663	228161	227805	227447	227089	226732	226589	226375	226020	226163	226234	226304	226304	226518	228520	229884	230748	231543	232337
1986	318289	321139	323569	326008	328194	330388	332589	342277	350926	359502	366512	372936	378003	382345	386334	389766	392351	394560	396487	398223	399866	401804	403846	405696	407354	409114	410977	413630	415699	418761	421836
1987	243192	242671	242079	241412	241264	242079	242228	242228	242079	241708	241412	240968	240526	239935	239861	239640	238758	238463	238390	237949	237949	237949	237875	237949	238096	238316	238537	238831	239198	239640	239935
1988	135726	135469	135159	134901	134592	134337	134029	133670	133516	133312	133058	132701	132344	131989	131534	131129	130775	130524	130373	130172	129870	129720	129519	129369	129419	129369	129270	129220	129120	129070	129020
1989	73477	75075	77922	79125	80018	80989	82299	83883	85526	86925	88186	89383	90473	91376	92127	92722	93561	94043	94606	95254	95864	96599	97626	98870	100251	101644	102709	103653	104818	106037	107266
1990	81388	81207	81134	81062	80882	80593	80232	79874	79516	79231	78983	78770	78592	78345	78204	78133	78063	78028	77992	77922	77852	77816	77746	77781	77852	77992	78098	78204	78275	78309	78275
1991	45704	45895	45966	49411	58307	60299	61270	61803	62101	62221	62370	62400	62430	62460	62430	62341	62191	62161	62161	62370	62521	62641	62701	62731	62911	63214	63426	63547	63760	63973	64218
1992	89460	89499	89460	89499	89538	89538	89499	89383	89383	89383	89267	89267	89228	89189	89189	89112	89034	89034	88995	88957	88957	88995	89189	89267	89228	89150	89112	89034	88995	88995	89034
1993	111688	112006	112370	112738	113190	113649	114153	114706	115121	115260	115538	116003	116514	117215	118249	119430	120619	122925	124869	126586	128421	130222	132141	134029	136296	139743	142875	145456	147684	149715	151708
1994	233932	233062	232192	231398	230748	230821	230748	230676	230532	230604	230748	230676	230604	230388	230172	230388	230532	230676	230893	230821	230676	230748	230821	230821	230821	230821	230532	230028	229526	229094
1995	169461	170059	170537	171559	173914	177211	179183	180671	182041	189687	203243	211495	217014	221630	226092	230028	233569	236557	240230	244011	248425	252431	255708	258161	260164	261711	263031	264042	265056	265836	266541
1996	320534	321485	322440	323308	326970	329072	330740	332325	333915	335507	337104	339417	341739	343530	344968	346497	348211	350019	352016	354381	356753	359318	361985	364291	366327	368092	369672	371722	373779	375653	377534
1997	391011	387001	383009	379134	375277	371909	368647	365680	362815	360329	358035	356023	354199	352832	351652	350563	349477	348211	346858	345868	345148	344518	344608	344878	345328	345866	346948	348572	350472	351925	352923
1998	284965	285859	286674	287652	288551	289125	289615	289615	289453	289207	289125	289289	289861	290600	290929	292244	293565	295550	297708	299873	302217	304738	307864	311773	316824	320621	324265	328194	330916	333585	335862
1999	244904	244979	244979	245128	245352	245652	245951	246101	246326	246474	246474	246624	246774	246999	247299	247449	247599	247900	248051	248201	248425	248726	249103	249300	249632	250085	250537	250840	251294	251597	251977
2000	179059	179431	179739	180049	180857	181230	181604	181916	182291	182604	182916	183355	183921	184612	185370	186191	187207	188097	188800	189631	190016	190208	190465	190850	191172	191430	191688	192140	192461	192850	193239
2001	130876	130876	130876	130927	130876	130725	130725	130674	130624	130624	130624	130524	130474	130474	130474	130524	130624	130775	131078	131382	131736	132192	132752	133363	134080	134798	135572	136399	137386	138535	139743
2002	107752	107752	107752	107752	107663	107708	107973	108282	108371	108460	108504	108504	108593	108682	108727	108771	108950	109083	109128	109173	109261	109261	109439	109753	109977	110067	110246	110380	110560	110830	111282
2003	151874	152097	152264	152431	152655	152822	152990	153046	153102	153157	153213	153381	153549	153717	154954	157503	159161	160484	161582	162568	163616	164553	165550	166552	167499	168270	169401	170597	171679	172825	173975
2004	158646	159276	159678	160081	160541	161119	161640	162161	162859	163733	164728	165668	166670	167676	168746	169879	171198	172643	174279	175986	177703	179431	181169	182979	184549	186064	187779	188992	189951	190914	191946
2005	146052	146703	147412	148122	148890	149660	150487	151430	152543	153942	155688	157675	159966	162394	164436	166256	167913	169580	171316	173430	175252	177888	182542	185623	188161	190401	192591	195059	197216	199455	201510
2006	250385	251977	253420	254714	255860	257086	258623	259932	261093	262410	263652	264744	265914	266776	267794	268816	269839	270866	271734	272448	273162	273876	274513	275230	276186	277306	278588	281162	284072	286103	288060
2007	221771	222124	222406	222618	222688	222618	222547	222476	222194	222053	221912	221771	221771	221912	222265	222757	223323	223748	224032	224386	224740	224882	224811	224740	224598	224811	225024	225308	225522	225664	225807
2008	132141	133159	133670	134029	134438	134592	134592	134953	135520	135985	136555	137438	138378	139481	140430	141277	141808	142234	142661	143250	143892	144646	145347	145943	146540	146975	148012	148725	149825	151041	152041
2009	131989	132548	133261	133977	134490	134953	135417	135726	135985	136192	136296	136503	136763	136919	137022	137126	137178	137386	137804	138273	138850	139638	139954	140166	140166	140536	141011	141596	142182	142982	143518
2010	145456	146215	147030	148012	148835	149604	150432	151041	151374	151762	152152	152487	153157	153998	154728	155575	156027	156935	158017	159161	160310	161293	162336	163324	164201	165139	166022	166670	167321	168091	169222
2011	202508	201976	202042	202574	203176	203778	205389	206939	208157	209242	210402	211632	212385	213417	214312	215557	216944	218057	219454	221067	222828	224173	226020	228090	230100	231830	232990	235899	238390	242376	245054
2012	167972	168091	168091	168032	168032	167735	167440	167203	167143	167025	166966	166907	166847	166966	167025	167203	167854	168091	168210	168329	168567	168746	169043	169281	169760	169939	170238	170358	170657	170897	170957
2013	82299	82189	82299	81970	82080	82080	82153	82299	82666	82849	82996	82996	82996	82996	83107	83513	83920	84366	84701	84963	85300	85638	85902	86091	86356	86544	86620	86848	87039	87268	87382
2014	60680	60856	60974	61151	61298	61240	61298	61298	61240	61181	61122	60945	60827	60621	60504	60358	60328	60241	60182	60094	60036	59949	59804	59746	59601	59543	59630	59630	59601	59659	59775
2015	47568	47543	47519	47494	47470	47470	47445	47420	47396	47371	47298	47249	47249	47224	47151	47103	47103	47103	47054	47005	46884	46738	46689	46641	46641	46641	46592	46568	46568	46568	46496
Max.	**391011**	**387001**	**388239**	**393119**	**397837**	**402193**	**406475**	**410879**	**414811**	**418466**	**421637**	**424124**	**428718**	**435859**	**439600**	**441934**	**444478**	**446722**	**448154**	**449381**	**450920**	**452665**	**454929**	**458026**	**459888**	**461029**	**462065**	**463416**	**464145**	**465289**	**467478**
Min.	**342**	**342**	**341**	**336**	**331**	**331**	**331**	**331**	**623**	**569**	**492**	**434**	**374**	**360**	**357**	**369**	**384**	**387**	**379**	**390**	**403**	**390**	**387**	**399**	**408**	**407**	**417**	**455**	**463**	**521**	**487**
Ave.	**168978**	**169375**	**169719**	**170157**	**170692**	**171035**	**171333**	**171678**	**171990**	**172377**	**172846**	**173228**	**173560**	**173941**	**174260**	**174620**	**175026**	**175396**	**175790**	**176173**	**176637**	**177147**	**177693**	**178241**	**178784**	**179331**	**179943**	**180657**	**181325**	**182014**	**182782**

ISABELLA DAM & LAKE
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

APRIL *Units in acre-feet*

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	482	500	517	538	566	590	590	609	650	660	663	654	679	761	1104	2124	3490	5028	6549	8045	9545	11115	12740	14570	16144	17408	18696	20550	22070	23322	
1955	7058	6734	6438	6140	5855	5554	5286	5062	4876	4692	4554	4453	4411	4422	4408	4419	4426	4445	4422	4375	4330	4505	4722	4981	5229	5440	5603	5752	5884	6005	
1956	128506	129911	131176	132259	133342	134528	135714	137137	138618	140206	142025	144521	146583	148526	150361	152364	154183	155946	157538	159214	160667	162236	163925	165942	167485	169028	170406	171557	172525	173615	
1957	127954	127452	127000	126749	126498	126146	125845	125502	125356	125161	124965	124721	124477	124330	124232	123940	124135	124477	124623	124672	124672	124672	124770	124868	125014	125161	125307	125453	125551	125600	
1958	141106	142567	145444	147748	150249	152139	154126	155946	157708	159970	161830	164044	166358	168790	171375	174038	177090	181040	185488	190496	196352	202170	206878	210777	213745	216683	219155	222189	225121	227426	
1959	190688	190752	191008	191200	191328	191648	191840	192032	192288	192480	192672	192864	193121	193313	193505	193569	193569	193761	194081	194273	194465	194854	195180	195505	195961	196418	197004	197460	197851	198438	
1960	91694	92054	92454	93014	93573	94093	94703	95320	95896	96555	97131	97708	98119	98532	99083	99676	100226	100735	101413	102175	103118	104294	105426	106166	106863	107663	108648	109454	110125	110931	
1961	28213	28249	28372	28585	28974	29360	29748	30080	30265	30450	30598	30802	31010	31222	31434	31723	32186	32706	33183	33504	33766	33986	34167	34348	34508	34628	34729	34850	34954	35038	
1962	35038	34328	33705	33263	33143	33404	33986	35038	36560	38214	39529	40808	42347	44205	46614	48935	51446	54524	57668	60661	63075	65397	68136	71278	74382	77017	79532	82226	84729	86612	
1963	183664	184230	184734	185299	185613	185928	187060	189023	190496	191648	192608	193569	194209	195115	196222	197655	198829	199806	200783	201905	202767	203761	204889	205751	206613	207541	208617	209494	210507	211586	
1964	159098	159853	160260	160493	160667	160900	161016	161133	161249	161597	162062	162643	163398	164221	164993	165824	166714	167485	168137	168671	169087	169561	169922	170164	170346	170467	170588	171073	171436	171859	
1965	117829	118066	118540	118730	118920	119110	119300	119585	120154	120486	120818	121303	121791	122378	123110	124086	125161	126297	127652	129560	131640	134064	136342	138618	141265	144087	147359	150194	153387	156571	
1966	155434	156344	157424	158749	159795	160842	162004	163108	164459	165527	166120	166655	167070	167366	167900	168612	169324	169862	170346	170649	170952	171254	171556	171799	172162	172767	173615	174522	175430	176473	
1967	281760	282950	284223	285659	287098	288301	289587	290956	292168	293382	294680	296144	297531	298511	299576	300396	300971	301381	301053	300560	300314	299986	299494	299084	298511	297939	297531	297123	296307	295331	
1968	206347	207482	208084	208754	209358	210098	210771	211378	211851	212325	212866	213545	214769	215587	216201	216543	217228	217433	217845	218257	218601	218876	218945	219220	219427	219978	220945	221707	222747	223582	
1969	175805	175439	175255	173551	173127	173855	171977	168794	165173	162004	159102	157204	156688	156117	154694	152883	151422	150751	150304	150863	152940	156345	159854	162004	162939	163819	164878	166474	168854	172703	
1970	261725	261041	260359	259904	259450	258996	258920	259072	259147	259298	259828	260283	260738	261117	261573	261801	262029	262105	262258	262258	262258	262182	262105	262029	262029	262105	262334	262486	262562	262867	
1971	166000	166889	167602	168436	169153	169871	170532	171073	171615	172219	172824	173369	173977	174768	175439	176111	177214	178260	179062	179742	180547	181106	181479	182039	182476	182725	183163	183601	184039	184478	
1972	116512	116325	115998	115718	115252	114741	114278	113771	113219	112852	112669	112577	112577	112577	112898	113035	113035	112989	112852	112669	112669	112669	112577	112349	112349	112349	112394	112440	112715	113035	
1973	90863	91378	91577	91497	91378	91378	91975	92935	94063	95079	96226	97589	99342	100565	101159	101841	102526	103386	104381	105383	106567	107317	108338	109813	111893	114834	118778	123451	128103	132877	
1974	227780	234729	237959	240706	242159	244128	246253	247946	250461	252393	254109	256058	258014	260131	262334	264318	266387	268619	270785	272727	274520	276320	278127	279940	281443	282871	284462	286458	287820	289587	
1975	210501	210367	210165	210165	210434	210636	210771	210906	211041	211041	211243	211311	211378	211513	211784	211784	211784	211851	211919	212122	212392	212799	213477	214088	215177	215723	215996	216270	216270	216406	
1976	156088	155919	155694	155638	155638	155638	155638	155525	155694	155582	155582	155469	155413	155469	155750	155694	155582	155525	155638	155694	155694	155638	155638	155750	155750	155975	155919	155862	155862	155862	
1977	63052	63083	63083	63052	63052	63052	63021	62959	62928	62897	62897	62897	62866	62866	62835	62804	62804	62990	63083	63145	63425	63706	63926	64083	64271	64366	64681	65030	65443	65890	
1978	260074	264867	268396	271332	273117	274830	275768	276080	276080	276002	276393	277255	278511	280085	281348	282851	283247	283089	282693	282297	281664	280874	280321	280558	281268	281664	281664	281743	282613	283723	
1979	279953	280839	281887	282858	284153	285291	286755	287815	289125	290929	292409	293893	295796	297956	300542	302804	305329	307356	309050	310750	312540	314165	315708	317513	319150	320794	323223	325834	328194	330652	
1980	361432	359685	358035	356297	355018	354108	352832	351471	350019	348934	348301	347490	347219	347219	347759	348572	350019	352196	355018	358402	362169	365124	366884	367906	369765	372470	375186	378946	382345	385667	
1981	241486	241783	242153	242450	242671	243117	243489	244085	244755	245427	246251	246774	247149	247449	247750	248275	249179	250310	251294	252127	252887	253724	254791	256319	258315	259855	261170	262332	263652	265290	
1982	213210	214657	216249	217988	219384	220858	222194	223394	224598	226163	242079	257394	267325	275230	282453	288715	294638	300208	305835	311602	316996	322180	327058	331974	336395	340846	345866	351107	357302	363829	
1983	469046	470615	472606	473762	473236	471978	470196	467896	465184	462065	458958	455342	451432	446926	441934	437069	432734	428119	423529	419356	414614	409898	406377	402673	399479	396101	392831	389670	386619	383958	
1984	277384	278668	280114	281243	282453	283666	284965	285696	287163	287733	289289	290436	291585	292987	294390	295796	296959	298039	299374	300961	302720	304570	305920	306933	308371	309305	310409	311517	312796	313480	
1985	233425	234515	235899	237728	239935	242376	245054	247900	250991	254180	257394	260783	264588	268974	273242	276986	280194	282858	286022	288797	291093	293399	295384	297126	299374	301128	302804	304233	306004	308034	
1986	425521	428119	430524	432734	434748	436564	437980	438890	439295	439701	440209	440920	441527	441832	441730	441425	441123	440513	440006	439600	439803	440920	442442	443461	444784	445804	446415	447745	450304	452768	
1987	240083	240304	240230	240600	240820	241116	241116	240968	240968	241042	241264	241560	241857	242005	242005	242228	242599	243192	243638	243713	243787	243936	244011	244160	244458	245054	245278	245577	245951	246474	
1988	129070	128970	128920	128870	128870	128920	128920	129070	129270	129369	129670	129971	130273	130674	131129	131230	131432	131584	131635	132141	132344	132548	132548	132446	132599	132650	132599	132446	132497	132548	
1989	108460	109708	111146	112552	114015	115538	117261	119288	121480	123700	126046	128221	130273	132294	134438	136763	138955	141224	143464	145889	147957	149880	151263	152487	153549	154559	155349	156027	156594	157049	
1990	78239	78239	78204	78275	78275	78204	78204	78169	78133	78098	78098	78239	78521	78912	79374	80054	80412	80737	80954	81170	81388	81461	81570	81897	82043	82153	82372	82849	83402	83957	
1991	64524	64832	65140	65605	66543	67807	69445	70749	72171	73748	75212	76350	77291	78204	79161	80197	81170	82043	82922	83771	84552	85225	85827	86470	87268	88186	88995	89927	90865	91929	
1992	89228	89344	89538	89693	89966	90317	90708	91258	91929	92762	93561	94364	95173	95986	96845	97709	98537	99789	101221	102539	103824	105209	106300	107266	108327	109618	111056	112779	114568	116374	
1993	153717	155970	158308	160830	163792	166552	169222	171679	174279	177272	180174	183167	185686	187906	190016	192269	194667	197020	199323	201976	204918	208089	211221	214243	217432	221067	224953	228735	232772	237142	
1994	229022	229166	229166	229094	228879	228448	227876	227447	227232	227161	227018	226804	226518	226163	225949	225807	225878	225807	225807	226163	226661	227375	228090	228735	229166	229597	230028	230316	230676	231182	
1995	267325	268108	268895	269681	270629	271103	272210	273242	274752	275867	276666	277625	278668	280114	281402	282129	282696	282777	283020	283182	283344	283101	282696	282372	282291	282696	283423	284640	287082	293069	
1996	379418	382440	384906	387284	389670	391967	393985	396101	398513	400545	402776	405208	407647	409996	412351	415502	418959	422433	425022	427419	429621	431326	433036	435051	437879	441324	445907	450818	456064	461236	
1997	353925	354562	354927	355292	355840	356389	356753	356753	356572	356572	356936	357760	358586	359134	359685	360237	361250	362630	364199	366141	368740	371536	374623	377440	379982	382630	385857	389003	392255	395234	
1998	338172	340132	342187	344249	345596	347309	348482	349387	350200	351017	351925	352741	353197	353379	353470	353288	353014	353014	353379	354381	356480	359961	364199	368275	372190	375653	379229	383009	386524	390244	
1999	252279	252583	252887	253191	253648	253877	254256	254562	255020	255479	256089	256626	257163	257853	258700	259701	261093	262254	263498	264900	266306	268030	269524	270550	271497	272131	273003	274035	274831	275707	
2000	193563	193628	193563	193563	193628	194017	194537	195124	196037	196758	197281	197544	197807	198202	198730	199058	199455	199918	200382	201177	201976	202842	203377	203844	204313	205052	206061	207614	209311	210879	
2001	140854	142022	143142	144054	144592	145077	145889	146485	146975	147466	147848	148176	148615	148999	149439	149935	150542	151208	151929	152878	153886	154672	155519	156537	157675	158932	160484	162278	164201	166079	
2002	111779	112461	113236	114061	114982	116003	116935	117966	118861	119952	121001	122442	124138	125898	127924	129569	130977	131887	132701	133363	134080	134644	135159	135624	136036	136711	137543	138273	138850	139376	
2003	175130	176353	177395	178503	179369	180111	180920	181729	182416	183292	184299	185433	186699	188097	189503	190850	192010	193044	194082	194993	195841	196692	197478	198268	198992	199786	200579	201377	202042	202641	
2004	192850	193434	193952	194472	194993	195516	195972	196692	197610	198796	199521	199918	200183	200117	200117	200249	200579	200911	200978	201044	201177	201177	201177	201443	201843	202174	202374	202574	202975	203310	
2005	203377	205456	207411	209856	212043	214105	216388	218966	221771	224244	226589	228951	231543	234296	237288	240600	244309	248275	252659	256703	260319	263886	267480	271103	274433	277625	281001	284965	288797	292162	
2006	289861	291505	293811	300793	306933	311944	316310	320621	324527	328370	332060	335064	338172	341471	345416	349025	352559	355657	358494	361339	364199	366698	368834	370975	372845	374716	376499	378380	380644	382630	
2007	225949	225807	225807	225949	226234	226447	226804	227161	227375	227590	227876	227948	228090	228376	228520	228735	228807	228951	229022	229238	229310	229382	229597	229813	230028	230172	230316	230460	230821	231254	
2008	152934	153605	154336	155067	156254	157106	158189	158932	159506	159793	160368	161409	162976	164553	166847	169043	170837	172522	173793	175069	176720	177888	178874	180111	181354	182730	184360	186381	188608	191043	
2009	144269	145293	146485	147521	148231	148890	149494	150212	150930	151652	152375	152990	153549	154223	154841	155406	156084	156878	157503	158246	159219	160368	161813	163733	165492	166729	167676	168686	169700	170597	
2010	170298	171198	172100	173370	174218	175010	175681	176292	177089	177949	178997	180298	181791	183230	184612	186064	187524	189246	190785	192526	194667	196758	198400	199786	201177	202908	204985	207275	209656	212043	
2011	249707	254791	260551	265369	269524	273321	277226	279953	281806	282939	283991	284559	285047	285533	285859	286755	288797	291585	295550	299040	302384	305244	307695	309730	310920	312540	313994	315364	317513	319150	
2012	171559	171980	172281	172522	172885	173309	173672	173914	174218	174401	174583	174705	175252	175680	176047	176537	177211	177949	178997	180298	181916	184110	186635	189246	191301	193174	195450	197216	199058	200845	
2013	87611	87726	87687	87496	87420	87382	87420	87496	87649	87726	87802	87879	88071	88109	88417	88763	89112	89421	89615	89849	90200	90630	91298	91969	92643	93281	93801	94445	95214	96231	
2014	59775	59775	59746	59601	59572	59485	59456	59456	59543	59601	59601	59746	59949	60153	60416	60680	61033	61476	61923	62311	62671	63062	63426	63638	63912	64309	64709	65048	65388	65730	
2015	46399	46375	46327	46255	46134	46014	45942	45966	45919	45871	45799	45752	45680	45537	45489	45418	45324	45252	45158	45087	45039	45016	45016	44945	44898	44898	44874	44851	44875	44945	
Max.	**469046**	**470615**	**472606**	**473762**	**473236**	**471978**	**470196**	**467896**	**465184**	**462065**	**458958**	**455342**	**451432**	**446926**	**441934**	**441425**	**441123**	**440513**	**440006**	**439600**	**439803**	**440920**	**442442**	**443461**	**444784**	**445804**	**446415**	**450818**	**456064**	**461236**	
Min.	**482**	**500**	**517**	**538**	**566**	**590**	**590**	**609**	**650**	**660**	**663**	**654**	**679**	**761**	**1104**	**2124**	**3490**	**4445**	**4422**	**4375**	**4330**	**4505**	**4722**	**4981**	**5229**	**5440**	**5603**	**5752**	**5884**	**6005**	
Ave.	**183615**	**184454**	**185245**	**186063**	**186821**	**187565**	**188281**	**188932**	**189611**	**190272**	**191199**	**192144**	**193071**	**193970**	**194899**	**195814**	**196790**	**197787**	**198799**	**199872**	**201006**	**202168**	**203293**	**204387**	**205475**	**206581**	**207785**	**209099**	**210517**	**212009**	

ISABELLA DAM & LAKE
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

MAY *Units in acre-feet*

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	24185	24967	25800	27060	28752	30787	33086	35662	38308	40610	42524	44513	46388	48500	50632	52450	54360	56948	60040	63089	66194	68504	70430	72232	73805	75100	76304	77312	78608	79770	80574
1955	6209	6400	6560	6705	6862	7110	7453	7957	8381	8804	9383	10168	11090	11911	12411	12646	12933	13290	13841	14635	15525	16717	17940	19230	19962	20443	21152	22283	23816	25552	26636
1956	174522	175552	176844	179003	181102	183035	184859	186305	187688	188895	189984	190816	191520	192096	192736	193377	194401	195440	197004	198568	200327	203231	206878	211114	214967	218125	221630	224912	228193	231671	235080
1957	125356	125063	124819	124721	124917	125307	125946	126347	126699	126950	127050	127150	127301	127552	127803	127954	128154	128807	132878	135147	137084	138406	139942	141106	142187	143219	144467	145770	147248	148415	149860
1958	229327	231600	234441	237964	242442	247876	253518	259680	266231	273266	279857	285345	289746	294035	298924	304591	311251	319163	327690	336589	344641	352873	361472	368714	375193	381192	387045	392651	398034	403243	408509
1959	199219	199936	200327	200718	200979	201374	201639	201838	201971	202170	202568	203297	204159	204955	205817	206149	206613	206878	207276	207541	207674	207674	207674	207607	207607	207541	207475	207342	207210	207210	207210
1960	111742	112572	113356	114232	114785	115430	116122	116832	117639	118683	119110	119063	118778	118683	118683	118920	119158	119253	119205	119110	118920	118825	118635	118493	118445	118303	118208	118398	118588	118778	118730
1961	35204	35497	35830	36185	36435	36727	36980	37240	37499	37759	38020	38257	38473	38690	38929	39192	39574	40068	40561	40988	41417	41836	42394	42975	43580	44277	44952	45556	46137	46589	46990
1962	88320	90455	92814	95814	99422	103597	107708	111513	114969	117782	119869	121596	123110	124379	125551	126648	127652	128656	129460	130413	131021	131383	131537	131692	131898	131898	132052	132052	132001	132156	132672
1963	212733	214150	216203	218125	220322	222468	224772	226867	228759	230748	232736	234654	236591	238325	240203	241937	244275	246994	250380	253891	257402	261123	264769	268471	271946	275385	278524	281917	284867	287657	291203
1964	172464	173009	173312	173554	174038	174220	174522	174825	175128	175491	175918	176473	177399	178571	179806	181225	182659	184105	185676	187436	189407	191200	192993	194401	196026	197786	199024	200066	200783	201441	201507
1965	159911	163340	165705	167604	168968	170588	172101	173070	174522	175431	176350	177152	178016	179251	180485	182156	184419	187499	190752	194593	197851	200718	203297	205486	207475	209427	211518	214082	217233	220596	223795
1966	177584	178818	180300	181657	183161	184671	186431	188191	189599	190816	192032	192993	194017	195505	196938	198307	199806	201507	203363	205088	206547	207740	208954	210237	211451	212733	213947	215173	216203	216890	217370
1967	293869	292491	290876	289426	288301	287098	286058	285419	285818	287419	287820	287419	287018	286698	286778	287820	289909	293058	297123	301628	306750	313930	321195	328372	335282	342351	349226	355454	361375	366347	371169
1968	224488	225535	226516	227358	228343	229330	230177	230956	231595	232234	233088	233800	234729	235445	236090	236664	237527	238392	239764	241287	242814	244421	245299	245813	246474	247430	248832	250461	252244	253885	255232
1969	177030	181603	185988	189345	191068	192734	196935	201447	208151	216954	226235	234729	244713	255232	266003	276712	288381	300806	313090	324346	335890	348164	358498	369710	381465	393595	405536	416887	428892	441474	454244
1970	263325	263706	264088	264547	265083	265619	266310	267001	267848	269160	270088	271018	272027	273194	274989	277262	279264	282474	285020	287098	289024	291037	293463	296470	299166	301464	303523	305921	308412	311165	314182
1971	184981	185547	185925	186366	186682	187378	188011	188709	189472	190365	191260	192156	193056	194215	195572	197130	198825	200199	201447	202369	203624	204618	205548	206347	207415	208687	210704	212325	213748	214837	215928
1972	113265	113771	114325	114973	115485	115998	116466	116935	117452	117972	118540	119063	119635	120257	120833	121315	121798	122040	122331	122380	122380	122283	122186	122137	122186	122283	122574	122769	123012	123109	123402
1973	137088	139625	143002	146817	150863	153957	157089	160665	165291	171073	177890	185295	192670	200396	208084	214837	221984	229683	237599	245593	252318	258618	264471	270397	276399	282633	289024	296959	305838	313510	320261
1974	292168	294274	297286	300888	301183	306750	309578	312923	317129	322215	327514	333029	338502	343404	348872	354026	358678	362547	366256	369346	372266	375014	377588	380263	382948	386667	391153	396138	400871	405345	409846
1975	216543	216817	217228	218051	218876	219633	220323	221568	223303	224976	227077	229612	232447	235516	238897	242669	246253	249942	254259	259223	262715	265466	268156	270940	274676	278678	283030	287339	291845	296307	301135
1976	156200	156651	157103	157103	157499	157952	158406	158804	159316	160058	160630	161318	162296	163567	164844	165952	166829	167534	168063	168181	168475	168770	168947	169006	169124	169420	169597	169597	169834	169834	169538
1977	66147	66372	66501	66469	66565	66727	66856	67213	67375	67570	67701	67864	67995	68061	68126	68422	68586	68718	68850	68982	69114	69313	69745	70146	70481	70749	70918	71053	71188	71560	72138
1978	284041	283882	283723	284280	286669	288588	289872	290354	290997	292044	294306	297392	301724	307248	313327	319048	322694	326275	329792	333502	337146	341775	346171	349355	351220	355142	357471	360708	364414	369050	374636
1979	333208	335507	337904	340578	343261	345956	348482	350835	352741	354562	356206	358219	360237	362538	364846	367441	370231	373498	377158	381211	385572	390340	394945	399285	403360	407354	411761	416191	420050	423626	426818
1980	389386	393023	396871	401513	406572	411957	417971	423230	428618	433638	437575	440818	443664	446213	448052	450099	452563	456064	460510	465914	471664	477341	482942	487512	490924	493598	495638	497248	498540	499831	501234
1981	267637	270471	273083	274991	276586	277705	278588	279631	280758	281887	283182	285047	287000	289289	290600	291997	292821	293482	294141	294638	294969	295301	295713	296378	297126	298456	299792	300877	302217	303645	305160
1982	370511	377158	383863	389957	395523	401224	407061	412941	418367	423529	428119	432332	436564	440818	444988	449176	453798	458440	462896	467582	472606	478268	484110	490499	496817	502961	508922	514152	518309	522044	525349
1983	380833	377346	373498	370324	367162	364476	361985	360421	358861	358219	357577	356480	355566	353652	352377	352923	353652	354653	356023	359318	364569	372096	381685	392351	404039	416290	429520	444170	458854	471768	485702
1984	314251	315278	316396	317513	319236	320967	322353	323917	326008	328457	331709	335507	339685	343889	347580	350563	353288	355749	358677	362077	365956	369579	373404	377346	379982	383768	387571	391011	394177	397933	400836
1985	309901	312456	314935	318116	320881	323830	326795	329423	331269	333385	335330	337193	339239	340400	342456	344518	346497	348663	351017	353288	355383	357760	360421	363184	366234	368740	370882	372470	373779	374716	375559
1986	455548	458647	461652	464663	466436	467687	468314	468523	468523	468942	469151	469256	470091	471034	473446	475232	477655	481036	484854	489003	493065	495853	498217	500262	502853	506534	510880	515571	521163	526894	533100
1987	246924	247299	247449	247975	248802	250009	250764	251749	252963	254485	255708	257010	258392	260087	262099	264666	266384	267637	268738	269681	270629	271261	271734	271893	271814	271972	272210	272289	272527	272765	273083
1988	132497	132446	132599	132599	132650	132752	132752	132854	133108	133159	133210	133465	134183	135314	136659	138273	139849	141171	142182	143464	144754	146268	147629	148945	150156	151319	152320	153157	154111	154954	155688
1989	157446	157903	158532	159448	160772	162278	163792	165492	167321	169162	170478	171559	172522	173430	174218	175010	175680	176292	177088	178011	178936	179739	180733	181354	181916	182479	183041	183732	184236	184549	184738
1990	84291	84515	84701	84925	85300	85789	86507	87306	88071	88725	89383	89732	90122	90395	90747	91022	91140	91376	91455	91573	91613	91810	91889	92127	92364	92444	92523	92882	93440	93842	94204
1991	93041	93962	94849	95619	96435	97380	98620	100293	102368	104170	105514	106607	107619	108727	109887	111192	112870	114475	115910	117215	118483	119714	121049	122877	125261	128024	130624	132803	134644	136711	138535
1992	118060	119525	120905	122442	123895	125457	127229	128870	130775	132701	134592	136503	138430	140430	142340	144108	145835	147193	148176	149054	149770	150267	150598	150875	151097	151541	152041	152599	153046	153325	153549
1993	242005	247074	252051	257624	262254	266462	270234	274114	278106	282210	286592	291093	295135	298706	302468	306340	310494	314935	319755	324788	329599	334533	339864	345148	350200	354290	357760	360605	363184	366141	369206
1994	231758	232265	232845	233353	233787	234369	235315	236045	236557	237070	237875	238905	240600	242525	244531	246326	247825	248953	249707	250310	251143	251825	252583	253267	253951	254562	255326	256243	256933	257701	258469
1995	300710	307780	313652	318634	323308	327233	330212	332854	335064	337282	339774	342725	345956	348482	351017	353925	356572	358953	361524	364661	368368	372564	376969	381211	385001	388239	391778	395426	398900	402387	406282
1996	466227	471244	476075	480612	484747	488576	492208	495745	499292	502636	506643	510771	514699	518857	523035	526894	530103	531877	533100	533656	533656	533433	532988	532544	532099	531435	530991	530547	530547	530547	530547
1997	398320	401224	404233	407256	410192	413335	416487	419753	423230	426618	430022	433638	437575	441527	446009	451023	455858	460302	463729	465810	467060	467896	469151	470824	471559	471664	472291	473131	475338	477760	481036
1998	394752	399576	404428	409604	415107	419554	423230	425621	428320	431326	433941	436766	439093	440209	440513	440818	441123	440920	441222	441527	442442	443359	444580	446111	448154	450304	451637	452563	453798	454517	455445
1999	276666	277384	277865	278427	279150	279953	280920	282210	283666	284965	286592	288388	290682	292656	294638	296211	297708	299457	301547	303561	305667	307864	309901	312029	314080	316568	319150	321399	323917	325834	327495
2000	212660	214588	217083	219874	222828	225664	228592	231615	234223	237142	239861	241857	243638	245203	246399	247599	248726	249707	250915	252355	254409	256856	260010	263730	267246	270787	274353	277865	281243	283666	285696
2001	168210	170897	173370	175375	177211	179183	181666	184549	187842	191494	195254	199058	202109	204380	206533	209379	213072	216597	219524	222335	225166	227876	230244	232410	234660	236777	238537	240157	241634	242671	243564
2002	139849	140271	140748	141224	141702	142234	142982	143839	144538	145347	146161	146812	147357	148286	149274	150598	152264	154223	156140	157960	159391	160599	161467	162045	162685	163383	164377	165550	167025	168686	170657
2003	203310	203911	204985	206466	208089	209379	210673	211837	212797	213899	215003	216180	217292	218337	219454	220576	221771	223323	224953	226946	228951	231471	234587	237802	241264	245352	249783	254943	259932	265056	270313
2004	203978	204918	205993	207479	209447	211358	212935	214312	215626	216666	217988	219106	219945	220928	222124	223394	224173	224882	225593	225878	226092	226234	226518	226732	227018	227304	227447	227518	227948	227948	227733
2005	295218	298790	302552	306679	311944	317082	321746	326008	330828	335774	339774	343530	347490	352107	357485	364384	371629	378474	386048	394463	403068	411761	420150	428919	437474	446926	456785	466749	475759	483366	489751
2006	384906	387475	389862	391202	391490	391586	391778	392351	393023	393985	395619	397064	398900	401418	404916	407745	410977	413825	416883	419852	421936	423529	423329	422831	422135	421339	421043	419653	417476	415107	412941
2007	231543	231903	232120	232410	232990	233353	233353	233280	233280	233787	234515	235388	236338	237142	237949	238610	239345	240157	241190	241931	242525	242969	243266	243340	243266	243117	242969	242671	242228	241708	241116
2008	192980	194863	196955	198926	200448	201643	202842	204447	206196	208157	210129	211906	213692	215280	217292	220225	224102	228233	232627	237802	241634	244755	246999	248726	250009	250764	251446	251901	251977	251901	251901
2009	172220	175069	177826	180111	182041	184110	186762	189631	192850	196299	199587	202975	206331	209651	213072	216944	220858	225024	228448	231543	234223	236484	238758	240526	242153	243787	245278	246399	247524	248425	249179
2010	213830	215280	216388	217362	218756	220155	222194	224102	226092	228020	229956	230821	231758	232482	232990	233353	233787	234587	235899	237435	239566	242376	245128	247449	249179	250537	251749	252887	253648	254180	254485
2011	319928	320361	320794	321833	323395	325746	328633	331886	334004	334621	334444	334356	334710	335330	335685	335685	335330	335064	334356	333473	332413	331533	331180	330652	329860	329511	329072	330388	332060	332589	332326
2012	202842	204918	206939	208768	210402	211837	213004	214105	215142	216110	217223	218197	219176	219664	219804	219454	219176	219804	220155	220295	220436	220506	220225	219874	219524	219176	218966	218476	217569	216458	215419
2013	97462	98620	99789	100882	101771	102325	102794	103094	103438	103696	103911	104127	104516	104949	105471	105863	106431	106553	106651	106783	106827	106959	106871	106695	106475	106169	105863	105906	105776	105601	105558
2014	66166	66606	67236	67967	68671	69283	69899	70290	70520	70749	70979	71144	71309	71540	72004	72638	73477	74256	75109	75659	76073	76489	76767	76837	77011	77396	78063	78734	79409	79803	80018
2015	45016	45087	45134	45110	45087	44969	44945	44851	44734	44616	44499	44359	44266	44196	44103	44057	44033	43964	43917	43848	43732	43640	43663	43663	43686	43663	43663	43640	43617	43571	43594
Max.	**466227**	**471244**	**476075**	**480612**	**484747**	**488576**	**492208**	**495745**	**499292**	**502636**	**506643**	**510771**	**514699**	**518857**	**523035**	**526894**	**530103**	**531877**	**533100**	**533656**	**533656**	**533433**	**532988**	**532544**	**532099**	**531435**	**530991**	**530547**	**530547**	**530547**	**533100**
Min.	**6209**	**6400**	**6560**	**6705**	**6862**	**7110**	**7453**	**7957**	**8381**	**8804**	**9383**	**10168**	**11090**	**11911**	**12411**	**12646**	**12933**	**13290**	**13841**	**14635**	**15525**	**16717**	**17940**	**19230**	**19962**	**20443**	**21152**	**22283**	**23816**	**25552**	**26636**
Ave.	**213549**	**215117**	**216694**	**218336**	**219954**	**221642**	**223320**	**225006**	**226778**	**228660**	**230510**	**232308**	**234182**	**236061**	**238039**	**240091**	**242211**	**244421**	**246767**	**249128**	**251433**	**253787**	**256104**	**258370**	**260549**	**262791**	**265064**	**267349**	**269631**	**271752**	**273844**

ISABELLA DAM & LAKE

KERN RIVER BASIN, CALIFORNIA

MIDNIGHT STORAGE

JUNE

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	81176	81990	82952	83784	84544	85000	85190	85304	85380	85304	84734	83974	83214	82360	81546	80843	80140	79437	78716	78176	77600	77132	76700	76016	75135	74155	73105	71722	70634	69512	
1955	27558	26178	28656	29323	30413	32340	34708	37154	39058	40920	41975	42720	43092	43208	43347	43557	43464	43347	43255	43231	43208	43208	42999	42650	42254	41812	41279	40741	40292	39753	
1956	238108	241431	244128	246920	249345	251575	253817	256207	258844	261731	264693	267390	269552	270865	272023	272563	272795	273345	274129	274835	275149	275620	276169	277111	278759	280250	280881	281758	282395	283033	
1957	151805	154695	158517	162004	165053	168019	170588	173312	176103	178139	179003	179683	180979	182093	182973	183476	183601	183790	183916	183979	183916	183350	183035	182596	182093	181842	181719	181904	181719	181164	
1958	413405	417863	422129	425563	428603	430859	432833	434719	436604	438490	439979	440376	440773	441071	441766	442268	443072	443474	444980	447491	449398	450805	452520	453130	453130	452520	454146	455162	453536	451608	
1959	207143	206480	204889	203363	201838	200392	199024	197525	195505	193569	191392	189343	187185	184671	182030	179498	176967	174341	171617	168909	166239	163224	160493	157367	154240	151305	148526	145661	142893	140259	
1960	118730	118825	118873	118825	118588	117924	117022	116076	115016	113863	112711	111424	109991	108469	106950	105296	103554	101879	99930	97914	95690	93533	91295	88978	86574	84240	83450	82590	81753	80989	
1961	47316	47567	47743	47993	48344	48831	49404	49951	50498	51019	51419	51771	52150	52501	52825	53042	53096	53096	53096	53015	52906	52690	52474	52177	51771	51392	50993	50629	50212	49664	
1962	133755	135508	137877	139677	140948	142187	143653	145607	147693	150194	152705	155093	156969	158517	159911	159970	159970	160667	162004	163806	165883	168019	169862	171073	171799	172464	173191	173615	173675	173554	
1963	294844	298760	303112	307002	310584	314011	316714	319417	321954	324351	327348	330431	333033	334941	336936	339985	344025	348782	353407	357960	361742	364354	366344	367164	367802	368714	369443	369990	369717	369261	
1964	201838	202104	202236	202634	203032	203562	203628	203363	202568	201772	200653	199610	198698	197851	196939	195701	195049	193569	191968	190368	188831	187436	186053	185676	184419	182847	181040	179189	177276	175310	
1965	227495	230606	233020	235222	238253	241937	245892	249639	252471	254863	258085	262187	265922	268702	270710	272023	272641	273031	273658	274600	275934	277268	278524	279308	279779	280171	280485	281041	281758	282635	
1966	217576	217645	217782	217919	217988	218125	218125	218262	218193	217713	216958	216134	215104	214217	213071	211451	209966	208415	206812	205221	203496	201573	199610	197916	196352	194984	193825	192736	191392	190112	
1967	374280	376759	378878	380818	382577	384433	386387	388813	391904	395667	399732	404105	408790	413504	418148	423209	425850	428204	431354	433428	435804	438385	440975	443873	446881	449798	455258	461160	467719	474844	
1968	256433	257713	258996	260131	260965	261193	260738	260207	259374	258467	257261	255983	254483	253138	251872	250757	249423	247946	245960	244348	242669	241142	239475	237887	236305	234372	232092	229753	227498	225465	
1969	467616	480772	493272	503796	512383	520065	526713	532413	536047	537593	538145	539141	539694	540912	542798	545466	546802	548029	549815	552501	555418	558660	562178	565801	568071	568867	569095	569663	569436	569663	
1970	317214	320176	322300	323920	324774	325201	325543	326742	327514	327771	327342	327085	326742	326399	325714	324945	324176	323578	323067	322896	322726	322556	322130	321450	320770	320091	319328	318735	317890	316876	
1971	216954	217776	218601	219427	220323	221360	222470	223791	225256	226796	228343	229895	231240	232732	234300	235803	237311	238536	239547	240199	240706	240996	240924	240706	240126	239403	238608	237815	236880	235875	
1972	123793	124136	124332	124431	124480	124038	124824	125465	126109	126555	126754	126705	126506	126506	126406	126357	126158	125811	125317	124578	123793	122671	121508	120449	119158	117925	116653	115485	114371	113403	
1973	328716	333635	338502	343316	348961	354561	360025	365621	371535	376851	380910	384340	386760	389094	390029	390497	391060	391622	392561	393971	394913	395855	396516	396799	397082	397555	398501	399164	399448	399353	
1974	414565	418827	422819	426732	431157	435704	441574	446278	450302	454345	458102	461160	463921	468748	470810	472256	472980	472980	472773	472566	472566	473912	475881	475778	475155	474740	473912	473083	472463	471739	
1975	306170	310747	315275	319328	323237	326485	331128	334068	336673	339812	341825	343844	344899	345780	346751	348076	348695	348695	348518	347811	347192	346398	345780	344811	344107	343316	342000	340861	340161	338851	
1976	169361	169065	168652	167886	167005	166010	164961	163799	162527	161376	160401	159316	158292	157159	155862	154628	153177	151846	150356	149094	147675	146048	144594	143041	141341	139810	138290	136676	134869	132771	
1977	72994	73926	74866	75779	76700	77521	78384	79035	79544	80385	81011	81492	81825	82086	82272	82347	82347	82347	82309	82235	82086	81863	81714	81529	81306	80937	80422	79872	79326	78636	
1978	380265	385377	390149	395328	401019	407039	413298	420483	428321	435438	441415	447433	453188	457962	461635	464400	466556	468408	470574	472537	474712	476789	478245	478870	479078	479808	480747	481373	482209	483569	
1979	429420	431627	433439	435051	436463	438082	440107	441123	441629	441832	442035	441934	441629	440818	439295	437778	435960	434445	432634	430826	428718	427118	425621	424224	422732	421140	419356	417377	415502	413630	
1980	502420	503827	505666	508052	510226	512622	514808	517324	520286	523694	527005	529771	531766	533544	535323	537663	540120	542694	545724	549326	553166	556337	559175	561792	564758	568075	571169	574735	578312	581319	
1981	306510	307610	308456	309390	310579	311858	312456	312456	312456	312285	311773	311176	310326	309560	308541	307102	305751	304233	302720	301296	299873	298289	296627	294886	293152	291340	289533	287570	285614	283585	
1982	528333	530103	531324	532321	533433	533990	534321	534878	536104	537663	539228	540904	542024	542919	544041	546062	547638	548762	550568	552600	553955	554975	555883	556902	557242	557697	558720	559855	560083	560083	
1983	497033	505666	512295	517653	522594	528001	533878	539787	545724	551582	559175	565899	570483	575773	581783	587240	593893	600343	606239	610384	613828	617043	620146	622178	623737	625174	626376	627335	628057	628177	
1984	402776	404428	405598	406086	407256	407159	407745	407061	406572	406377	405891	405306	404916	404623	404331	404039	403749	403165	402193	401321	400642	399866	399188	398707	398223	397740	397257	396774	395908	395619	
1985	376405	377346	378663	379701	380455	381969	383673	385191	386429	387380	388143	388525	388621	388525	388525	387857	387094	385953	384716	383578	382253	380927	379606	377626	376217	374716	373217	371442	369579	367627	
1986	538781	543817	547750	551356	553732	555656	556902	557469	558492	559175	559741	560311	560652	561450	562020	562134	562134	561336	560425	559403	558606	557810	557242	556788	556788	556450	556450	556110	554975	553166	
1987	273876	274831	275467	275707	276026	276026	276266	276266	275946	275310	274752	274114	273399	272448	271340	270313	269131	268108	267168	265914	264510	263498	262487	261248	260010	258931	257776	256473	255173	253648	
1988	155970	156537	157163	157732	158017	158189	158017	157618	157049	156424	155858	155236	154616	153942	153269	152375	151374	150376	149439	148560	148012	147957	147521	147357	147248	146975	146431	145672	144646	143518	
1989	184801	184549	184110	183544	182916	182479	182041	181791	181604	181479	181479	181604	181604	181666	181729	181791	181854	181791	181542	181044	180671	179987	179121	178195	177334	176414	175436	174279	173127	172160	
1990	94325	94325	94284	94404	94687	95092	95538	95945	96394	96968	97297	97420	97420	97297	97091	96927	96640	96354	95986	95538	95011	94404	93801	93201	92563	91889	91415	90826	90239	89693	
1991	140060	141808	144269	147248	150101	152934	155575	158189	160657	163093	165492	167676	169700	171498	173006	174097	174949	175497	175558	175497	175252	175069	174827	174522	174218	173793	173249	172704	172100	171378	
1992	153717	153830	153886	153886	153942	153886	153773	153773	153661	153325	152878	152375	152041	151818	151597	151319	151097	150653	150046	149549	148999	148396	147903	147357	146757	146161	145618	144969	144215	143570	
1993	372003	373779	375277	376781	379606	381779	383768	385477	387094	388812	390819	393119	395523	397933	400351	402387	403941	405403	406963	408724	409604	410192	411075	412154	413433	414910	416191	416883	416982	416883	
1994	259394	260396	261093	261789	262177	262332	262099	261633	261015	260551	260242	259932	259471	258777	258007	257086	256089	254943	253801	252507	251143	249707	248350	246924	245502	244234	242820	241338	239714	238022	
1995	410290	414022	418367	423031	428818	434445	439295	442748	445294	448154	451740	456168	461132	465393	468732	471768	474393	476286	477549	478605	479451	479663	480718	482942	486341	490285	493813	496925	500910	505016	
1996	531213	531988	533322	534989	537105	539228	541464	543480	545277	546624	546849	546624	545949	545724	545724	545499	544603	543480	542585	541576	540456	539004	537105	535212	533433	530991	528773	526562	524356	522044	
1997	484003	486447	488790	490499	491566	491994	491887	491780	491673	491673	491566	491245	491138	491352	491673	491352	490710	490392	490392	490710	491031	490924	490499	489644	488576	487512	486234	484854	483366	481566	
1998	456785	458543	460821	462376	463729	465289	467582	469672	471664	473867	476181	477760	479240	480295	482729	487193	492315	496710	501126	505775	509790	513605	516557	518967	522044	525460	528001	530547	533322	535769	
1999	329072	330300	331357	332236	333031	333738	334181	334267	333827	333561	333028	333119	332943	332766	332413	331974	331533	330828	330916	331357	331445	331180	330564	329687	329072	328633	327931	326970	325834	324527	
2000	287245	288633	289861	290929	292079	292821	293152	293234	293152	292739	292162	291340	290600	290353	290271	290189	290600	290847	290682	290436	290025	289453	288797	287979	286919	285777	284315	282615	280678	278668	
2001	244458	244755	244904	244458	243713	243117	242525	241708	240820	239661	238610	237142	235680	234223	232555	230893	229094	227161	225095	223040	221137	219244	217639	216180	214796	213417	212043	210333	208021	205791	
2002	172583	174157	175375	176476	177580	178936	180484	181791	182667	183104	183292	183481	183607	183858	184173	184047	183607	183292	183355	183481	182979	182667	181979	180857	179739	178688	177580	176292	175010	173732	
2003	274672	279470	284640	289043	293234	296793	299957	302720	304401	305582	306679	307780	308796	309901	310750	311517	312200	312540	312710	312540	312285	311773	310750	309901	308881	307949	307017	306004	304907	303814	
2004	227590	227518	227662	227805	227232	226518	225807	225095	224386	223819	223323	222899	222265	221560	220996	220366	219734	219244	218826	218127	217292	216319	215280	214105	213004	211975	210947	209719	208292	206939	
2005	496280	502744	508814	513715	517653	521053	523253	524576	525349	526452	527779	529216	530880	533433	535546	537552	538557	538222	536773	535435	534212	533656	533211	532988	532432	531877	531102	529992	529327	528884	
2006	411564	411075	410977	411957	413630	415502	416784	416982	416784	416191	415206	414219	411859	409212	405891	402776	400254	397933	396198	394177	392159	389957	387666	385477	384053	383294	382819	382440	381874	380455	
2007	240600	240304	239640	238684	237875	236997	236045	235098	234369	233714	232845	231686	230604	229382	228448	227876	227375	226589	225522	224386	223111	221700	220717	219384	217988	216458	214726	213072	211426	210060	
2008	252203	252127	251977	252203	252431	252811	253951	254867	255249	255326	256166	256626	257240	258007	258392	258238	257776	257240	256626	256089	256319	256396	256243	255785	255173	254714	254180	253648	252811	251448	
2009	249858	250310	250461	250461	250310	250310	249934	249330	248726	247825	247149	246774	246399	245951	245203	244458	243564	242599	241857	241783	241338	240526	239566	238537	237508	236850	236484	235899	235171	234223	
2010	255020	256013	257624	260164	272448	280194	287897	294969	301296	307271	311602	313994	315364	316568	318030	319409	319928	320448	320967	321054	321225	321572	321833	322353	323395	325224	326970	328808	330124	331269	
2011	331709	330564	329247	327844	326008	324527	323049	322006	321225	321139	321746	322353	323049	324265	326358	330388	333738	336482	339328	342456	345866	349477	353561	356480	358310	359042	359685	360237	360237	359777	
2012	214312	213210	212249	210879	209719	208564	207275	205858	204514	203109	201576	199719	198005	196430	194863	193498	191946	190144	188161	186445	184549	182667	181230	179677	178073	176292	174766	173249	171739	170179	
2013	105514	105427	105296	105122	104949	104603	104170	103653	103180	102539	101984	101263	100419	99663	99204	98330	97503	96394	95092	94325	93561	92922	92246	91415	90787	90005	89150	88302	87382	86242	
2014	80161	80232	80340	80412	80521	80593	80665	80845	80882	80882	80845	80665	80448	80304	80054	79695	79302	78947	78557	78098	77570	77011	76558	76004	75487	75006	74597	74086	73545	73074	
2015	43571	43548	43479	43341	43204	43089	42953	42793	42612	42409	42251	42161	42026	41847	41691	41557	41357	41114	40784	40391	39828	39270	38846	38466	38069	37674	37263	36875	36510	36147	
Max.	**538781**	**543817**	**547750**	**551356**	**553732**	**555656**	**556902**	**557469**	**558492**	**559175**	**559741**	**565899**	**570483**	**575773**	**581783**	**587240**	**593893**	**600343**	**606239**	**610384**	**613828**	**617043**	**620146**	**622178**	**623737**	**625174**	**626376**	**627335**	**628057**	**628177**	
Min.	**27558**	**26178**	**28656**	**29323**	**30413**	**32340**	**34708**	**37154**	**39058**	**40920**	**41975**	**42161**	**42026**	**41847**	**41691**	**41557**	**41357**	**41114**	**40784**	**40391**	**39828**	**39270**	**38846**	**38466**	**38069**	**37674**	**37263**	**36875**	**36510**	**36147**	
Ave.	**275865**	**277684**	**279395**	**280943**	**282583**	**284057**	**285483**	**286721**	**287798**	**288787**	**289634**	**290358**	**290884**	**291396**	**291800**	**292148**	**292329**	**292357**	**292395**	**292452**	**292421**	**292324**	**292196**	**291907**	**291572**	**291227**	**290910**	**290519**	**289977**	**289348**	

ISABELLA DAM & LAKE

KERN RIVER BASIN, CALIFORNIA

MIDNIGHT STORAGE

JULY

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	68240	67019	66524	66392	65259	64329	63647	63089	62686	62110	61270	60280	59500	58833	58137	57470	56687	55816	54920	54052	53152	52342	51478	50658	49878	49280	48578	47876	47084	46388	45456
1955	39372	38886	38473	37955	37283	36519	35830	35204	34588	34147	33565	32963	32302	31723	31280	30802	30487	30228	29970	29730	29471	29175	28903	28603	28284	27948	27523	27089	26650	26209	25804
1956	282874	282714	282077	281200	280171	279308	278524	277582	276483	275385	274207	272641	271096	269243	267390	265536	263782	262187	260743	259984	259908	259604	258996	258692	257933	257402	257253	256506	255535	254041	252471
1957	180670	179930	179251	178201	177399	176473	175552	174522	173494	172283	170770	169087	167129	165053	162934	161772	161074	160260	159447	158517	157538	156571	155662	154695	153672	152705	151694	150861	149971	148859	147804
1958	449700	447892	446386	445884	444879	443775	442469	440674	438391	435612	432634	429584	426642	423503	419899	416313	412727	410424	407265	404392	401534	399358	396805	394251	391436	388446	385550	382577	379069	375839	371722
1959	137507	134631	131795	129209	126096	123940	120818	117734	114693	112019	111110	110305	109365	106379	107395	106428	105426	104468	103554	102770	101964	101117	100226	99252	98366	97585	96925	96267	95443	94703	94053
1960	80114	79459	78813	78179	77510	76876	76277	75539	74756	73938	73020	72036	71047	70058	69102	68104	67082	65996	64995	64097	63292	62460	61681	60931	60152	59408	58625	57871	57146	56430	55729
1961	49169	48648	48093	47567	46990	46489	45990	45556	45097	44567	44012	43440	42743	42092	41417	40785	40112	39439	38777	38063	37391	36727	36102	35476	34769	34106	33504	32902	32302	31665	31029
1962	173070	172404	171617	171012	170285	170709	170406	169801	169146	168137	166655	164993	163689	162004	160435	158924	157481	155946	154410	152876	151138	149582	147804	146041	143978	141645	139254	136925	134477	132207	129811
1963	369170	369170	368987	368805	368440	367984	367619	367437	367255	367255	367437	367802	367802	367619	366982	366526	365614	364264	362912	361382	359761	358320	356699	354830	352962	350828	348515	346222	343762	341215	338758
1964	173494	171859	170225	168493	166833	165112	163282	161423	159389	157253	155150	152989	150694	148359	146149	144032	141971	139942	138036	136237	134425	132672	130918	129359	127903	126799	126146	125551	124819	124037	123159
1965	283192	283990	285027	285903	286700	287497	288215	288694	288937	288937	288613	288055	287577	287178	287019	287099	287338	287736	287418	286700	285824	284628	283511	282555	281598	280250	278838	277346	275934	275463	275463
1966	188645	187251	185799	184165	182476	180671	178938	177276	175561	173855	171977	170111	168198	166415	164760	163174	161713	160085	158525	156803	154921	153053	151198	149748	148360	146872	145229	143652	142194	140905	139678
1967	481816	488526	494435	502621	508724	512598	516271	519305	521370	522893	524201	525620	527369	529559	531864	534174	536268	537262	537593	538698	538035	537041	535717	534504	533293	532413	531205	529699	528573	527697	526275
1968	223721	221845	219978	218257	216543	214769	212934	211041	209022	206947	204884	202699	200724	198498	196415	194409	192477	190620	188836	187251	185610	183914	181977	179804	177829	175744	173916	172098	170652	169213	167899
1969	570688	573882	575253	576168	576626	577084	577199	577428	577428	577314	576970	576397	576970	578116	577428	576512	575024	573539	572284	571144	570005	570232	568867	566936	565121	562744	560710	558567	556541	554183	551493
1970	315949	315022	314098	313090	311917	310496	308912	307497	306087	305093	304101	302698	301053	299494	297857	295981	294355	292815	291199	289587	287820	285818	283666	281443	279383	277498	275380	273194	270785	268234	265849
1971	234944	234015	233230	232376	231382	230107	228765	227288	225745	224209	222747	221291	219840	218257	216817	215177	213748	212528	211311	209828	208218	206614	204817	203095	201381	199544	197716	195896	193957	191900	189918
1972	112258	111166	110083	108962	107804	106567	105339	104208	102998	101798	100565	99342	98004	96720	95406	93983	92374	91140	89683	88048	86702	85446	84391	83345	82198	80953	79866	78861	77936	77019	76040
1973	398974	397933	396516	395195	393783	392091	390685	388907	386946	385084	383133	380910	378417	375840	373181	370166	367163	364173	362908	360385	357064	353491	350645	346927	344195	340774	337195	333721	329835	326228	322896
1974	470913	470191	469160	468028	466583	465049	463512	461262	459426	457187	455055	452726	450504	448288	446178	444073	441773	439579	437391	434912	432341	430172	427910	425948	424382	422331	420091	417663	415242	412925	410999
1975	337282	336064	335022	333461	332078	330696	329404	328029	326571	325115	323152	321195	319582	317721	314434	312420	310162	307830	305507	303028	300560	298102	295575	292815	289989	287098	284223	281364	278442	275537	272805
1976	130995	129436	128037	126550	124779	122829	120756	118705	116676	114669	112869	110904	108873	107176	105717	104401	103227	102060	100860	99585	98446	97107	95739	94343	93163	92073	91272	90355	89722	89170	88737
1977	78023	77521	76878	76133	75392	74691	73891	73053	72070	71053	69945	68949	67831	66791	65762	64808	63894	62928	61941	61025	60209	59342	58513	57808	57052	56360	55675	54966	54237	53514	52799
1978	485035	485874	486084	486294	486294	487029	488080	488712	489132	489975	490608	490608	490186	490502	491030	491451	491346	490818	489659	488080	486189	484406	482627	480851	478766	477309	476581	475439	473366	470780	468614
1979	411663	409408	407256	404916	402873	400642	398707	396487	393792	391106	388812	386238	383863	381306	378663	375653	372564	369206	365587	362446	358769	355383	351925	348753	345506	342008	338350	334798	331269	327844	324352
1980	583870	585264	585381	584451	582592	580161	577965	575543	573010	570138	567732	565327	562702	560311	558151	556564	555883	555883	555996	555316	554182	553505	553052	552600	552034	551130	550342	548988	546962	544266	540904
1981	281644	279872	278106	276426	274353	272210	269918	267794	265447	263031	260551	258007	255555	252963	250688	248275	245951	243936	242079	240230	238243	236338	234515	232410	230532	228807	227018	225095	223252	221208	219244
1982	559516	559061	558492	557810	557356	556677	556110	555542	554862	554069	553279	552373	551356	550116	548762	547525	546062	544153	542136	539896	537328	534655	532099	529882	527226	524797	522264	519846	517434	514917	512295
1983	627576	627696	628659	629623	630705	630825	629141	626256	622658	617995	612995	608252	604114	600108	595179	589220	583521	576925	570827	564644	558492	553279	547863	541688	535546	529992	525460	522044	519956	518967	518528
1984	395041	394367	393792	393023	391871	390436	388621	386334	384053	381874	379606	377346	375465	373498	372377	372377	371442	370602	369485	368554	367813	366512	365217	364384	362907	361250	359685	358035	356297	355018	353470
1985	365587	363461	361432	359042	356663	354470	352196	349659	347129	344968	342545	340042	337726	335241	332325	329599	326883	324352	321746	319409	317340	314935	312115	309390	306679	303898	300877	297789	294390	291011	288060
1986	551243	550003	548875	548088	547412	545949	544041	541688	539004	536104	533433	531213	528995	526452	523584	520176	516557	512732	509140	505666	502204	498647	495745	492744	489751	486554	483260	479874	476391	473026	469360
1987	252051	250461	249028	247374	245951	244234	242599	240748	238977	237215	235244	233353	231398	229526	227447	225166	222899	220928	219106	217083	215349	213486	211632	209924	208224	206466	204716	203042	201377	199719	198268
1988	142287	141064	139796	138326	136711	135211	133619	132090	130775	129369	127825	126390	124820	123215	121672	120285	118767	117308	115677	113923	112142	110380	108727	107178	105645	104299	103223	102069	100967	99999	99120
1989	171438	170717	169879	168984	168091	167025	165668	164026	162568	161235	159966	158704	156765	155293	153998	152711	151208	149825	148341	146866	145456	144161	142875	141436	139849	138326	136763	135314	133926	132497	130977
1990	89189	88648	88071	87459	86810	86129	85338	84478	83771	83328	82739	82116	81534	80882	80304	79659	78947	78169	77326	76489	75797	75006	74222	73444	72537	71772	70979	70192	69445	68606	67775
1991	170597	170179	169939	169760	169580	169222	168806	168151	167262	166374	165492	164669	163909	163149	162219	161061	159851	158646	157560	156765	155745	154616	153437	152097	150598	148999	147357	145781	144054	142340	140695
1992	142768	142022	141171	140271	139481	138693	137908	137074	136347	135726	134953	134285	133721	133210	132548	131787	130876	129921	128820	127626	126390	124967	123700	122635	121672	120715	119571	118296	116982	115492	114015
1993	416883	416784	416784	416685	416388	416388	416290	416191	415996	415897	415699	415206	414219	412646	410781	409016	407061	404916	402582	400157	397740	395234	392831	390723	388908	386810	384623	382345	380076	378003	376123
1994	236625	234442	232482	230460	228592	226732	224811	222828	220717	218546	216388	214243	212043	209924	207817	205724	203711	201643	199521	197478	195516	193693	191946	190144	188289	186381	184549	182604	180609	178627	176658
1995	509249	513168	517105	521713	526231	530880	534989	538445	542694	546512	548649	549552	549552	549439	549213	549213	549777	551921	551921	551020	550342	550229	549326	548201	546512	544378	542024	540456	539116	537775	535992
1996	519956	517653	515133	512732	510117	507509	504907	502204	499399	496280	493491	490924	488576	486234	483579	480507	477549	474393	471244	468314	465184	461753	458129	454414	450920	447642	444784	442035	439194	436463	433540
1997	479557	477549	475443	473657	472083	469986	467791	465601	463104	460406	457819	455651	453695	451432	448769	445907	442850	440107	437879	435556	432835	430323	428019	426618	424723	422632	420348	417971	415600	413040	410388
1998	537775	540008	542136	543929	544828	545612	546399	547525	549439	551695	553166	553955	555089	556223	557469	558492	559403	560652	561564	561906	562134	561906	562362	562474	562020	560994	559855	558606	557015	555089	552939
1999	322962	321399	319755	317857	316224	314508	312625	310835	308881	307271	306004	304738	303393	301965	299873	297789	295713	293893	292162	290436	288551	286755	285291	283991	282696	281162	279389	277146	274672	272289	270313
2000	276586	274513	272289	270155	268030	265758	263574	261711	260010	258161	256396	254638	252659	250612	248877	246624	244383	242228	240083	238022	235972	234078	232192	230244	228161	225878	223606	221489	219524	217499	215488
2001	203644	201510	199389	197544	195579	193952	192785	191752	190658	189695	188544	187462	186255	185117	183984	182730	181479	180174	178997	177765	176597	175436	174218	173067	171739	170358	168865	167321	165786	164026	162336
2002	172522	171378	170358	169162	167794	166611	165374	164026	162626	161177	159851	158532	157446	155858	153886	151985	150376	148999	147521	146161	144592	142928	141489	140113	138850	137595	136555	135572	134541	133465	132192
2003	302552	301045	299541	297956	296544	295135	293565	291832	290189	288551	286919	285372	283585	281806	280033	278266	276346	274274	272765	271103	269131	267089	264900	262798	260783	259008	257010	255020	253115	251143	249632
2004	205656	204514	203644	202708	201310	199786	198136	196299	194472	193239	191881	190208	188544	186826	185054	183544	182416	181292	179987	178627	177211	175741	174218	172885	171619	170238	168627	166788	165080	163383	161697
2005	528773	529105	529438	528773	527558	525902	524576	523035	521493	519626	516995	514589	512079	509358	506857	504474	501879	498968	496065	492851	489751	486767	483897	481248	478183	475232	472186	468628	465393	462065	458543
2006	378757	376875	374247	371442	368740	366141	363829	361339	359410	358219	356480	354927	353197	351380	349477	347580	345596	343799	341918	340310	339239	338439	337104	335419	333561	331445	328984	327233	325572	323395	321225
2007	208564	206736	204985	203310	201643	199984	198532	196889	194993	192785	190721	188417	186826	185686	184047	182354	180546	178812	177518	176292	174949	173249	171559	169879	168151	166256	164494	163034	161235	159506	158131
2008	249707	247900	246326	245054	243936	242599	240968	239345	237582	235244	233135	231543	230028	228663	227662	226589	225593	225024	224244	223323	221841	220155	218546	217083	215696	214105	212316	210333	208157	205724	203176
2009	233280	232192	230893	229956	228592	226732	224669	222757	220996	219384	218267	216875	215280	213486	211632	209651	207682	206128	204380	202374	200117	197741	195516	193304	191365	189374	187207	185054	182730	180484	178441
2010	331974	331974	332148	332060	331621	330828	330036	328984	327756	327058	326708	326533	325659	324352	322962	321659	321312	320534	319150	317427	315536	313480	311346	309390	307356	305329	303225	301045	298623	296128	294141
2011	359869	360605	361800	362815	363369	364661	365587	366327	365956	364661	362907	360881	359318	357944	356572	355201	353561	351652	349749	348030	346587	345148	343799	342635	341023	339596	338261	336926	335774	336482	337193
2012	168686	167203	165786	164319	162859	161351	159909	158303	156424	154223	152152	150267	148505	147030	145401	143624	141915	140536	139323	138170	136970	135469	133772	131887	129971	128024	126144	124478	123022	121336	119666
2013	84925	83587	82336	81207	80268	79588	78876	78063	77361	76697	76246	75728	75418	74972	74494	73984	73376	72839	72403	71904	71506	71276	71375	71144	70946	70781	70618	70585	70683	70650	70552
2014	72638	72137	71639	70979	70356	69737	69283	68832	68414	67967	67426	66857	66386	66041	65326	64585	63943	63426	62941	62341	61833	61476	61004	60680	60358	60007	59717	59514	59311	59109	58937
2015	35847	35589	35788	36027	35987	35947	35768	35550	35282	35037	34842	34686	34511	34298	34087	33953	33780	33666	33533	33476	33476	33533	33628	33609	33476	33306	33193	33118	33043	32968	32855
Max.	**627576**	**627696**	**628659**	**629623**	**630705**	**630825**	**629141**	**626256**	**622658**	**617995**	**612995**	**608252**	**604114**	**600108**	**595179**	**589220**	**583521**	**576925**	**572284**	**571144**	**570005**	**570232**	**568867**	**566936**	**565121**	**562744**	**560710**	**558606**	**557015**	**555089**	**552939**
Min.	**35847**	**35589**	**35788**	**36027**	**35987**	**35947**	**35768**	**35204**	**34588**	**34147**	**33565**	**32963**	**32302**	**31723**	**31280**	**30802**	**30487**	**30228**	**29970**	**29730**	**29471**	**29175**	**28903**	**28603**	**28284**	**27948**	**27523**	**27089**	**26650**	**26209**	**25804**
Ave.	**288666**	**287991**	**287277**	**286551**	**285667**	**284708**	**283665**	**282492**	**281249**	**279963**	**278621**	**277221**	**275828**	**274419**	**272915**	**271420**	**269919**	**268460**	**266958**	**265405**	**263780**	**262178**	**260549**	**258926**	**257259**	**255543**	**253837**	**252128**	**250391**	**248676**	**246976**

ISABELLA DAM & LAKE
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

AUGUST

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	44513	43448	42436	41226	40016	38770	37930	37279	36418	35536	34740	33880	33010	32269	31566	30882	30160	29495	28878	28338	27852	27438	27114	26753	26286	25783	25290	24899	24508	24083	23573
1955	25439	25100	24648	24212	23847	23847	24115	24115	24051	23816	23585	23339	23123	22784	22342	21886	21490	21123	20723	20318	19926	19522	19243	19030	18869	18763	18750	18750	18710	18683	18657
1956	250828	248831	246920	244863	242659	240492	237964	235435	232949	230606	227914	225261	222538	219704	216821	213880	210912	208010	205154	202170	199610	198698	197655	196548	195440	194337	193121	192032	190880	189727	188639
1957	146803	145715	144684	143490	142242	141212	140100	139095	138142	137454	136660	135920	135199	134477	133600	132826	132001	131125	130162	129359	128456	127552	126799	126046	125258	124379	123500	122671	121889	121255	120866
1958	367437	363363	359220	355275	351362	347715	344641	341742	338844	335809	332513	329402	326320	323409	320430	318149	315362	312834	310335	307585	304509	301634	298677	295816	292984	289989	287099	284229	281678	279465	277346
1959	93334	92614	91734	90935	89987	89133	88436	87738	87000	86233	85518	84954	84315	83751	83187	82554	81899	81316	80734	80333	80005	79750	79568	79350	79095	78884	78637	78426	78215	78073	77862
1960	55001	54244	53475	52717	52014	51284	50525	49664	48779	47868	46839	45869	45025	44277	43674	43115	42604	42068	41557	41100	40696	40269	39798	39259	38799	38430	38063	37694	37305	36980	36644
1961	30506	29952	29415	28921	28532	28160	27806	27434	27038	26667	26531	26768	26751	26650	26430	26192	25871	25520	25293	25116	24970	24890	24954	25068	25164	25132	25100	24987	24841	24648	24390
1962	129158	128707	128054	127351	126749	126046	125209	124428	123500	122964	122280	121547	120866	120201	119632	119015	118493	117971	117450	116880	116215	115523	114877	114324	113771	113218	112618	112019	111334	110842	110394
1963	336156	333640	330952	328289	325721	323238	320937	319501	318572	316967	315108	312667	310335	307668	304837	301962	299170	296059	293226	290232	287258	284069	281120	278367	276012	273345	270710	267930	265536	263250	260591
1964	122182	121206	120248	119490	118635	117829	117307	116642	115891	115108	114186	113356	112664	112019	111468	110887	110260	109722	109051	108469	107931	107350	106732	106123	105426	104773	104119	103510	102988	102429	101837
1965	275463	274835	273737	272486	271251	270169	268934	267699	266231	264769	263858	263934	263782	263250	262566	261883	261047	260060	258996	257705	256357	254937	253667	252396	251127	249933	248757	247435	246259	244937	243541
1966	138353	137508	136302	135049	133806	132569	131289	130019	128606	127203	125712	124381	123158	121992	120690	119444	118161	116700	115485	114233	113082	111848	110669	109499	108249	107052	106040	104990	103862	102913	101970
1967	524419	522240	519848	517137	513893	510552	506900	503048	499104	494330	489262	484222	478688	473083	467410	461569	454954	448690	441973	435308	428499	421746	414855	408024	401821	396705	391435	386108	381280	377035	372815
1968	166474	164937	163408	161771	160085	158237	156459	154410	152433	150472	148582	146542	144520	142517	141066	139413	137772	136144	134686	133135	131749	131137	130577	130120	129715	129260	128756	128404	128103	127903	127703
1969	551157	548810	545800	542243	538256	534174	531534	528682	523983	519305	515730	511952	507436	503689	499424	495601	491582	487474	483175	478896	474326	469778	465151	460548	456171	451412	447282	443372	439380	435506	431650
1970	263477	261041	258618	255983	253288	250535	247799	245006	242014	239186	236449	233586	230956	228343	225815	223443	221084	218945	216612	214224	212054	209963	207883	205948	204088	202237	200396	198890	197650	196415	195184
1971	187821	185862	183789	181603	179618	177644	175744	173794	171857	169871	167899	165822	163936	162296	160607	158813	156917	155091	153222	151422	149803	148305	146982	145884	144792	143814	142840	142086	141334	140531	139678
1972	74967	74041	73191	72348	71512	70617	69697	68752	67784	66793	65812	64747	63693	62712	61922	61169	60512	59859	59210	58538	57870	57351	56380	55505	54694	53975	53480	53207	52908	52690	52528
1973	319837	317214	314686	312336	309912	307497	305341	302863	300314	298021	295981	293869	291602	289185	286618	284303	283268	280651	277970	275537	272805	270397	267540	265159	263172	261193	259374	258014	256659	255232	253835
1974	409174	407545	404677	402201	399922	397644	395007	392373	389842	386760	384247	381465	378694	375932	373181	370348	367618	364806	361736	359216	356616	354115	351800	349647	347634	345340	342702	340161	337543	335109	332942
1975	270088	267386	264700	261877	258920	255983	253064	250312	247799	245299	242742	240199	237455	234801	232305	229753	226866	223791	221014	218463	216133	213952	211986	210098	208084	206014	203889	201974	200527	199282	198041
1976	88346	87760	86945	86096	85330	84530	83848	83095	82272	81566	80900	80275	79617	79071	78456	77879	77270	76700	76062	75603	75111	74552	73995	73338	72548	71934	71357	70884	70414	69879	69214
1977	51981	51227	50427	49688	48751	47546	46412	45446	44470	43653	42964	42494	42074	41634	41221	40924	40878	40765	41015	41083	41106	41083	40947	40742	40561	40335	40110	39886	39663	39441	39242
1978	466556	464400	461839	459388	457045	454607	451973	449549	446728	444118	441415	438621	435736	432861	429503	426158	422826	419898	416979	414362	411367	408671	405697	402734	399877	397505	394856	392499	390055	387899	385843
1979	320707	317168	313566	309815	306340	302720	299123	295713	292162	288633	285372	282210	278989	275946	273083	270234	267558	265134	262332	259548	256703	253801	251067	248576	246474	244680	242894	241042	239345	237802	236631
1980	537775	534766	531435	528222	524356	520286	516009	512079	508379	504149	500046	495638	490817	485808	480930	476391	471768	466955	462169	457198	452254	447745	443359	438788	433941	429119	424025	419257	415008	411564	408528
1981	217432	215626	213692	212043	210470	208836	207142	205522	203711	201776	200050	198532	196955	195579	194082	192591	191107	189631	188161	186762	185623	184928	184299	183481	182604	181729	180920	180236	179555	178688	178011
1982	509249	505992	502420	498860	495208	491780	488790	485808	482520	478711	474709	470615	466955	463416	459888	456478	452871	449176	445396	441629	437980	434243	430725	427419	424224	421043	418169	415798	413433	410781	408137
1983	519516	521933	524245	525128	522925	520943	519297	518857	518309	518857	519077	518309	517653	516557	516338	516338	515790	515024	516776	518089	517653	516338	514042	511207	507726	504799	501879	498753	494993	492101	489323
1984	351834	349928	347939	345866	343889	341650	339239	336570	333827	331357	328721	326358	323656	321225	319582	317944	316310	314764	313823	313053	312200	311346	310326	309050	307949	306594	305076	303729	302217	300542	298790
1985	285291	282858	280839	278829	276746	274035	271340	268816	266541	264354	262254	259932	257624	255402	253267	251370	249632	247975	246251	244458	242671	240748	238905	237215	235461	233714	232047	230316	229022	227518	226163
1986	465601	462065	458336	454723	451229	447438	443764	440107	436564	433036	429822	426818	423825	420845	417971	414910	411957	408918	406086	403360	400448	397643	395041	392447	389862	387094	384433	381685	379040	376781	374623
1987	197086	195775	194342	193044	191688	190208	188864	187587	186191	184738	183167	181604	180236	178997	177949	176781	175497	174157	172643	171559	170717	169999	169222	168389	167616	166907	166197	165550	164904	164377	163850
1988	97999	97050	96027	95011	94204	93360	92683	92850	90944	90161	89460	88725	88148	87534	86925	86356	85638	84925	84217	83587	82886	82116	81570	81243	80989	80882	81025	80989	80882	80845	80629
1989	129469	127974	126588	125359	124284	123119	121817	120142	118578	117543	116561	115585	114429	113190	112052	111011	110112	109395	108771	108194	107575	107002	106388	105776	105296	104862	104429	103954	103524	103094	102794
1990	66888	65979	65202	64647	64095	63486	62881	62281	61595	60915	60241	59572	58879	58221	57540	56921	56418	55863	55313	54711	54222	53899	53630	53389	53175	52962	52671	52353	52038	51724	51515
1991	138955	137178	135417	133721	131989	130323	128570	126736	124918	123071	121288	119525	117637	115817	114061	112507	111327	110246	109173	108327	107796	107222	106739	106169	105601	104992	104429	103954	103567	103223	103009
1992	112688	111373	110067	108816	107442	106125	104776	103438	102155	100840	99915	99204	98537	97874	97380	97050	96435	95538	94727	94204	93661	93121	92603	92206	91810	91455	91062	90669	90317	89966	89615
1993	374060	371629	369020	366512	364014	361616	359685	357669	355566	353288	351017	348844	346768	344968	343171	341202	339150	337282	335241	333119	331357	329511	327583	325572	323308	321139	319323	317599	315794	313737	311773
1994	174583	172402	170238	168151	166138	164143	162103	160024	157960	155915	153886	151985	150322	148615	146812	145077	143410	141915	140642	139534	138535	137543	136503	135314	134183	133108	132192	131432	130624	129870	129120
1995	533544	530547	526783	522925	519407	515462	510989	506534	501988	496925	492208	487406	482414	477655	472501	466854	461340	456374	451843	447540	443664	439904	436260	433036	429721	426418	422931	419356	415798	412351	409016
1996	430424	427419	424423	421439	418466	415008	411564	408332	405111	401804	398610	395523	392351	388908	385286	381874	378851	375935	372845	369765	366791	364199	361800	359410	356936	354470	352107	349749	347400	345148	343084
1997	407647	404721	401610	398513	395330	392351	389290	386238	383199	380265	377158	374247	371722	369299	366884	364661	362261	359502	356844	354199	351743	349387	347038	344788	342635	340489	338350	336306	334533	332854	331180
1998	550681	549100	548762	547976	546962	544490	540792	537552	533767	529549	525349	521383	516995	512841	508270	504149	499399	494457	490071	485383	481036	476813	472396	468000	463208	458440	453901	449381	445192	440513	436061
1999	268344	265914	263420	261015	258623	256473	254638	252811	250840	248726	246624	244829	243266	242005	240378	238243	236265	234515	233135	231903	230748	229597	228233	226661	225166	223819	222688	221489	219804	217988	216458
2000	213555	211769	209924	208157	206263	204313	202308	200382	198532	196561	194667	192850	190978	189118	187271	185307	183355	181292	179245	177272	175436	173914	172583	171438	170537	169879	169102	168329	167440	166552	165786
2001	160714	159219	157789	156481	155462	154336	153213	151874	150376	149109	147848	146485	145185	143839	142182	140748	139534	138378	137386	136347	135056	133619	132243	131281	130424	129620	128670	127775	127081	126292	125555
2002	130725	129419	128172	126883	125701	124478	123215	122201	121432	120857	120142	119288	118343	117169	115956	114798	113831	112916	111825	110695	109529	108238	107002	106081	105122	104127	103309	102624	102112	101644	101221
2003	248802	247825	246624	245278	243862	242450	240968	239566	238316	236850	234952	232845	230748	228520	226234	224244	222124	219945	217848	215902	213692	211700	210129	208428	206871	205656	204246	202908	201709	200646	199587
2004	160139	158589	157049	155575	154111	152487	150930	149329	147521	145401	143250	141277	139743	138483	137282	136036	134850	133516	132243	131129	130222	129319	128172	126982	125750	124625	123749	123071	122297	121432	120476
2005	455032	451331	447131	442646	438588	434647	430524	426818	423031	419554	416094	412744	409408	405891	403846	400933	398223	395812	393408	390819	387952	384906	381874	378946	376029	373310	370882	368275	365587	362907	360329
2006	319409	317513	315622	313652	311944	310156	308119	306004	303982	302217	300710	299123	297375	295301	293234	291258	289371	287652	286103	284478	282615	280758	278989	277226	275230	273558	272210	270787	269368	267873	266462
2007	156878	155745	154672	153493	151985	150322	148670	147084	145618	144323	143250	141808	140483	139428	138430	137386	136347	135417	134490	133670	132905	132090	131281	130474	129820	129120	128421	127775	127229	126736	126193
2008	200712	198532	196299	193498	190658	187970	185243	182354	179801	177334	174644	172100	169760	167616	165845	164377	162918	160946	159046	157503	156254	155236	154336	153381	152152	150930	149660	148505	147139	145672	144323
2009	176658	174462	172100	169879	167735	165668	163967	162394	160714	158817	156878	155067	153437	152097	150875	149770	148560	147466	146268	144915	143518	142287	141117	139954	138850	137752	136555	135262	133926	132548	131129
2010	291750	289289	286674	284153	281402	278748	276186	273321	270550	267558	264198	260938	257853	255173	252431	249481	246624	243713	240748	237875	235171	232265	229669	227089	223677	220928	219036	217292	215557	213692	211975
2011	337282	336570	335685	334621	333650	332854	331445	329599	327408	324963	322440	320101	317944	315708	313053	310579	307949	305160	302804	301296	299625	297625	295550	293399	291422	289779	288306	286919	285291	283423	281564
2012	118060	116561	115075	114245	113282	112279	111373	110291	109305	108460	107796	107134	106563	105906	105253	104603	104127	103653	103266	102794	102283	101814	101306	100840	100293	99747	99037	98330	97668	96968	96394
2013	70290	70094	69931	69672	69315	68896	68478	68126	67839	67553	67300	67046	66794	66636	66449	66260	65979	65824	65605	65481	65357	65171	64894	64493	64126	63760	63456	63214	62972	62551	62221
2014	58850	58678	58592	58563	58879	58937	58621	58335	57993	57625	57314	57117	57314	57230	56949	56641	56334	56030	55753	55560	55423	55258	55148	55011	54848	54684	54548	54412	54223	53953	53764
2015	32818	32781	32706	32632	32576	32521	32483	32446	32391	32354	32280	32225	32151	32078	32023	31986	31913	31803	31694	31585	31549	31531	31512	31476	31458	31404	31368	31350	31296	31224	31188
Max.	**551157**	**549100**	**548762**	**547976**	**546962**	**544490**	**540792**	**537552**	**533767**	**529549**	**525349**	**521383**	**517653**	**516557**	**516338**	**516338**	**515790**	**515024**	**516776**	**518089**	**517653**	**516338**	**514042**	**511207**	**507726**	**504799**	**501879**	**498753**	**494993**	**492101**	**489323**
Min.	**25439**	**25100**	**24648**	**24212**	**23847**	**23847**	**24115**	**24115**	**24051**	**23816**	**23585**	**23339**	**23123**	**22784**	**22342**	**21886**	**21490**	**21123**	**20723**	**20318**	**19926**	**19522**	**19243**	**19030**	**18869**	**18763**	**18750**	**18750**	**18710**	**18683**	**18657**
Ave.	**245337**	**243668**	**241906**	**240113**	**238267**	**236370**	**234485**	**232644**	**230714**	**228783**	**226883**	**225001**	**223125**	**221282**	**219459**	**217668**	**215873**	**214065**	**212337**	**210662**	**208986**	**207377**	**205777**	**204212**	**202647**	**201151**	**199703**	**198314**	**196958**	**195642**	**194378**

ISABELLA DAM & LAKE

KERN RIVER BASIN, CALIFORNIA

MIDNIGHT STORAGE

SEPTEMBER

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	23182	22774	22355	21980	21590	21200	20788	20410	19962	19500	19092	18684	18384	18000	17712	17364	17023	16715	16418	16187	15934	15659	15384	15054	14735	14449	14163	13877	13591	13349	
1955	18643	18617	18590	18550	18324	18080	17877	17625	17347	17044	16646	16287	16012	15773	15626	15469	15333	15232	15187	15176	15165	15154	15131	15120	15097	15086	15029	14916	14815	14714	
1956	187562	186494	185550	184482	183413	182219	180855	179621	178448	177337	175856	174704	173494	172222	170891	169680	168612	167426	166001	164696	163457	162295	161074	160086	158982	157822	156799	155776	154695	153728	
1957	120343	119869	119300	118683	118066	117402	116785	116168	115523	114923	114370	113863	113448	113079	112711	112296	111973	111650	111379	111065	110797	110529	110215	109901	109499	109141	108693	108290	107842	107439	
1958	275463	273580	271637	269397	267544	265845	264313	263478	262718	261807	260743	259528	258465	257402	256506	255236	253966	252695	251201	249933	248537	246994	245671	244496	243541	242442	241575	240636	239625	238614	
1959	77616	77264	76912	76559	76277	75995	75749	75539	75403	75232	75130	75198	75266	75198	75130	75028	74994	74960	74926	74892	74824	74790	74756	74688	74654	74586	74484	74416	74347	74313	
1960	36331	35997	35768	35559	35330	34996	34688	34428	34207	34066	33966	33946	33906	33766	33484	33303	33143	32963	32764	32552	32321	32090	31877	31704	31530	31357	31164	30971	30802	30654	
1961	24099	23893	23677	23416	23092	22738	22357	21960	21564	21123	20667	20234	19954	19786	19618	19442	19283	19269	19230	19150	19057	18963	18856	18803	18790	18710	18643	18550	18431	18364	
1962	109946	109409	108782	108110	107395	106732	106036	105426	104817	104163	103467	102857	102133	101540	100990	100481	99930	99370	98914	98575	98202	97790	97420	97008	96638	96226	95814	95526	95320	95114	
1963	258920	257253	255385	253891	252396	251201	250305	249271	248096	246626	245084	243541	242009	240636	239119	237674	236374	235293	234725	233731	232665	231245	229966	228475	226657	224982	223097	221077	219086	217027	
1964	101455	101286	101244	101159	101074	100947	100778	100566	100396	100226	100099	99888	99591	99295	99083	98787	98532	98366	98243	98078	97955	97790	97667	97543	97461	97379	97255	97131	97049	96967	
1965	242154	240853	239552	238325	237097	235724	234441	233304	232239	231174	230109	228922	227914	226657	225400	224004	222817	222049	221008	220322	219361	218331	217233	216066	214761	213475	212126	210777	209764	208954	
1966	101330	100862	100439	99974	99553	99007	98422	97963	97423	96968	96472	95979	95447	95039	94713	94347	94023	93579	93297	92975	92654	92374	92095	91736	91299	90863	90469	90076	89605	89175	
1967	368436	364987	361285	357691	354472	351000	347280	343316	339462	335543	331732	328544	325201	322130	319159	315949	313007	310246	307414	304679	301875	299084	296470	293869	291360	288702	285978	283030	279861	276712	
1968	127502	127203	126904	126555	126208	125910	125663	125416	125120	124837	124627	124431	124185	124087	123940	123891	123793	123598	123451	123207	123061	123012	122963	122915	122866	122817	122671	122574	122380	122186	
1969	427910	424382	420772	417178	413793	410518	407449	404677	401821	399069	396610	394253	391810	389187	386667	384061	381558	378970	376392	373913	371626	369619	367345	365259	363360	361105	358857	356706	355186	354382	
1970	193828	192477	191196	189600	188519	187378	186303	185232	184227	183413	182725	181915	181044	180175	179185	178383	177583	176723	175866	175133	174524	173916	173127	172521	171796	171254	170772	171171	169692	169093	
1971	138882	138088	137561	137035	136511	135988	135466	135049	134582	134064	133599	133083	132620	132056	131340	130577	129968	129260	128605	127953	127502	127003	126555	126059	125515	125021	124726	124332	124038	123744	
1972	52528	52528	52501	52420	52339	52258	52555	52663	52663	52582	52474	52447	52420	52366	52312	52231	52150	51989	51855	51748	51641	51508	51321	51135	51003	50844	50739	50633	50528	50397	
1973	252915	252170	251129	250164	248980	247799	246474	245373	244128	242814	241577	240271	239186	237959	236880	235731	234729	233729	232732	231665	230956	230107	229471	228554	228061	227358	226516	225675	224488	223443	
1974	330869	328802	326399	323834	321280	318905	316707	314434	312169	309912	307747	305590	303440	301464	299740	297939	296307	295005	293625	292491	291521	290392	289667	288381	287018	285579	284223	282791	281285	279624	
1975	196675	195443	194280	193184	192285	191324	190492	189727	189154	188709	187884	187188	186556	185862	185169	184451	183851	183225	182538	181852	181292	180485	179804	179185	178568	178013	177460	176907	176417	175866	
1976	68487	67799	67148	66565	66083	65507	65061	64681	64523	64713	65316	67375	68257	68553	68619	68586	68553	68520	68553	68553	68520	68520	68520	68586	68520	68520	68520	68487	70012	70280	
1977	39088	38934	38780	38649	38540	38453	38323	38193	38085	37977	37826	37762	37633	37462	37356	37228	37143	37101	37016	36932	36848	36784	36721	36700	36658	36595	36533	36491	36407	36386	
1978	383979	382213	380543	379061	382120	388461	391652	393158	394196	394573	395139	395423	395234	394478	393441	392687	391276	390055	388555	386871	385097	383421	381563	379709	377860	375924	374176	372158	370237	368230	
1979	235607	234806	233932	233062	232265	231543	230748	230172	229454	228735	227948	227089	226234	225451	224811	224102	223323	222547	221841	221208	220576	219874	219314	219036	218686	218546	218337	217918	218057	218267	
1980	405306	401901	398417	394945	391778	388908	386238	383483	380927	378474	376029	373685	371536	369206	366791	364569	362261	359594	357119	354562	352377	350019	347400	344878	342456	340042	337637	335330	332854	330388	
1981	177334	176720	176292	175925	175741	175558	175436	175191	174949	174827	174705	174522	174279	174097	173975	173793	173672	173430	173188	172946	172704	172402	172281	171980	171920	171920	171920	171800	171619	171498	
1982	405696	403360	401224	399479	397740	395812	393600	391490	389099	387189	385382	383388	381117	378663	375935	373404	371069	369020	366791	364661	362538	360421	358219	356480	358402	369020	374247	375559	376029	375465	
1983	486660	484322	481778	478817	475654	472186	468837	465601	462688	459784	456992	453901	450612	447642	444580	441527	438487	435455	432332	429119	425821	422632	419158	416094	412646	409212	405696	402096	399092	396391	
1984	297625	296627	295550	294390	293234	292079	291011	290271	289453	288469	287570	286755	285859	285372	285209	284965	284965	284803	284722	284315	284234	283991	283263	282615	281887	281081	280355	279631	278748	277545	
1985	224740	223394	221982	220928	220155	219594	219106	218546	217778	216805	216180	215833	215626	215280	214934	214381	213417	212660	212181	211495	211015	210197	209311	208360	207546	206668	205656	204985	204313	203510	
1986	372377	370231	367906	365773	364014	362446	360697	358677	356663	354835	353197	351571	349840	348211	346497	344698	343261	341739	340221	338882	337637	336306	334887	333915	332413	331180	330212	329072	328019	326970	
1987	163383	162743	162045	161640	161177	160714	160253	159909	159563	159161	158704	158417	158131	157789	157389	156992	156537	156084	155745	155293	154954	154559	154111	153605	153157	152822	152487	152152	151708	151208	
1988	80268	80089	79982	79803	79481	79089	78734	78415	78169	77922	77746	77535	77396	77256	77151	77046	76906	76697	76489	76212	75935	75762	75625	75522	75384	75281	75178	75178	75109	75075	
1989	102582	102368	102069	101771	101475	101094	100798	100503	100251	99999	99789	99579	99329	99037	98828	98912	98787	98828	98828	98745	98662	98495	98289	97874	97503	97091	96681	96190	95864	95497	
1990	51437	51359	51255	51125	50996	50867	50712	50558	50404	50250	50097	49893	49689	49538	49336	49209	49159	49083	49033	49008	48983	48933	48908	48908	48883	48833	48783	48783	48783	48758	
1991	102794	102709	102453	102155	101942	101814	101686	101644	101518	101306	101221	101094	100925	100798	100713	100629	100461	100377	100251	100083	99747	99455	99204	99037	98912	98703	98579	98495	98413	98330	
1992	89344	89034	88802	88570	88379	88225	88032	87879	87802	87687	87572	87459	87344	87268	87153	87039	86886	86734	86696	86544	86356	86129	85789	85488	85150	84813	84552	84403	84254	84105	
1993	309986	308204	306594	305076	303645	302300	300877	299374	297873	296544	295301	294141	292904	291505	290107	288633	287327	286185	285128	283991	282858	281644	280355	279070	277865	276666	275150	273637	271972	270313	
1994	126371	127626	126883	126193	125506	124869	124284	123700	123071	122587	122153	121769	121432	121145	120857	120667	120476	120285	120047	119761	119430	119145	118956	118767	118625	118483	118389	118201	118060	118296	
1995	405891	403360	401030	399576	397547	395041	392543	390149	387762	385191	382535	379890	377158	374529	371909	369392	366884	364106	361339	358861	356663	354744	352832	350926	348753	346407	344069	341560	339507	337548	
1996	341292	339328	337282	335153	332854	330740	328808	326883	324963	322962	320967	318893	316996	315193	313395	311432	309560	307864	306089	304233	302552	300961	299374	297625	295796	294059	292491	290929	289453	288060	
1997	329335	327756	327320	326183	324876	323743	322353	320621	318977	317254	315450	313908	312710	311517	310071	308711	307441	306256	304991	304064	303141	302217	301128	300040	299290	298706	298206	297625	296793	295879	
1998	431929	428119	424324	421538	419356	417080	414712	412154	409800	407452	405111	402970	400545	397837	395426	393119	390723	388430	386429	384528	382440	380455	378474	376687	374716	373123	371536	369858	368092	366420	
1999	215211	213899	212729	211837	211152	210265	209242	208157	207006	205724	204447	203310	202174	201177	200183	199190	198071	197086	196168	195189	194277	193369	192591	191881	191236	190594	189823	188928	188034	187207	
2000	165080	164319	163558	162801	162151	161582	161119	160599	160139	159621	158932	158131	157334	156481	155745	155067	154392	153661	152934	152264	151430	150709	150101	149494	148945	148231	147466	146757	146106	145564	
2001	124820	124187	123506	122877	122201	121528	120905	120428	119952	119335	118720	118201	117731	117215	116748	116141	115492	114752	114153	113739	113328	112870	112370	111779	111192	110650	110112	109618	109261	108860	
2002	100882	100461	99957	99495	99162	98787	98495	98247	97957	97709	97380	97009	96640	96313	95945	95416	94808	94284	93721	93121	92563	92048	91613	91219	90826	90473	90044	89693	89383	89073	
2003	198532	197544	196823	195972	194993	193952	192850	191752	190721	189695	188800	187906	187144	186318	185370	184360	183355	182479	181604	180857	180049	179121	178133	177088	176108	175191	174340	173550	172764	172039	
2004	119477	118389	117169	115956	114845	113694	112825	111961	111192	110470	109887	109261	108460	107575	106739	105993	105253	104559	103954	103438	102923	102411	101899	101433	101051	100629	100125	99537	98995	98495	
2005	357944	355749	353834	351743	349659	347490	345328	343261	341113	339061	337015	335064	333119	331004	328896	326708	324788	323049	321225	319323	317513	315536	313666	311602	309815	308034	306256	304738	303057	301380	
2006	265523	264822	263964	263109	261944	260628	259317	257930	256779	255632	254180	252659	251143	249481	248126	246999	245876	244680	243489	242525	241634	240748	239935	239271	238758	238243	237582	237070	236557	236191	
2007	125750	125261	124625	123943	123554	123166	122780	122394	121913	121384	120715	120047	119525	119051	118625	118107	117590	117169	116795	116514	116328	116141	115910	115724	115492	115260	115075	114798	114614	114291	
2008	143250	142128	141064	140007	139113	138326	137491	136503	135572	134695	133926	133261	132548	131635	130674	129720	128820	127974	127279	126637	126046	125408	124820	124333	123846	123457	123022	122587	122153	121769	
2009	129720	128271	126834	125457	124284	123119	122056	121192	120428	119571	118767	118013	117122	116141	115214	114429	113739	113053	112233	111507	110740	109887	109039	107973	107046	106125	105166	104170	103180	102283	
2010	210402	208632	207142	205926	204514	203176	201709	199918	198268	196823	195710	194407	193044	191623	190144	188672	187271	186001	184549	183041	181417	179863	178503	177457	176353	175010	173793	172583	171438	170119	
2011	280033	278668	277306	275707	273796	271814	269760	267794	265758	264198	262720	261248	259932	258546	257317	255708	254256	252735	250915	249028	247149	244829	242079	239271	236265	233641	230821	228233	225807	223536	
2012	95986	95578	95051	94445	93962	93561	93360	93081	92802	92630	92326	92127	91969	91692	91455	91140	90983	90708	90395	90161	90005	89771	89499	89189	88957	88763	88609	88570	88493	88417	
2013	62101	62041	61893	61744	61565	61417	61298	61151	61004	60827	60591	60299	60065	59861	59630	59427	59167	58965	58735	58420	58079	57823	57540	57202	56977	56697	56446	56252	56057	55863	
2014	53603	53469	53309	53015	52750	52512	52353	52222	52064	52012	51933	51854	51776	51671	51567	51437	51307	51151	51022	50944	50867	50790	50764	50712	50609	50506	50404	50327	50275	50225	
2015	31170	31134	31080	31026	30972	30954	30919	30901	30865	30848	30812	30776	30723	30705	30670	30581	30563	30581	30599	30581	30563	30545	30510	30475	30439	30387	30351	30299	30263	30211	
Max.	**486660**	**484322**	**481778**	**478817**	**475654**	**472186**	**468837**	**465601**	**462688**	**459784**	**456992**	**453901**	**450612**	**447642**	**444580**	**441527**	**438487**	**435455**	**432332**	**429119**	**425821**	**422632**	**419158**	**416094**	**412646**	**409212**	**405696**	**402096**	**399092**	**396391**	
Min.	**18643**	**18617**	**18590**	**18550**	**18324**	**18080**	**17877**	**17625**	**17347**	**17044**	**16646**	**16287**	**16012**	**15773**	**15626**	**15469**	**15333**	**15232**	**15187**	**15176**	**15165**	**15154**	**15131**	**15054**	**14735**	**14449**	**14163**	**13877**	**13591**	**13349**	
Ave.	**193219**	**192126**	**191043**	**189987**	**189044**	**188149**	**187227**	**186297**	**185370**	**184453**	**183556**	**182706**	**181834**	**180935**	**180047**	**179147**	**178278**	**177436**	**176599**	**175776**	**174983**	**174162**	**173333**	**172525**	**171776**	**171174**	**170485**	**169743**	**169011**	**168287**	

ISABELLA DAM & LAKE

KERN RIVER BASIN, CALIFORNIA

MIDNIGHT STORAGE

OCTOBER

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	13110	12900	12674	12465	12243	12000	11777	11512	11317	11122	10943	10790	10710	10694	10718	10742	10774	10799	10816	10824	10824	10816	10816	10816	10816	10816	10841	10867	10900	10900	10900
1955	14614	14529	14434	14360	14317	14264	14264	14264	14264	14254	14233	14211	14201	14180	14158	14148	14127	14106	14085	14064	14043	14032	14011	14000	13990	13969	13947	13937	13916	13894	13873
1956	152591	151583	150750	149916	149193	148359	147971	147415	146748	146095	145390	144901	144358	143761	143273	142676	141971	141053	140206	139518	138618	137666	136819	135972	135147	134373	133806	133188	132878	132775	132775
1957	106994	106558	106079	105644	105209	104773	104381	104076	103858	103684	103510	103380	103336	103336	103293	103249	103206	103075	102944	102857	102726	102599	102472	102429	102387	102387	102387	102387	102344	102260	102217
1958	237313	236302	235579	234796	233873	232807	231813	230748	229753	228759	227775	226657	225540	224353	223097	221700	220322	218811	217370	215929	214487	213205	212193	211586	210709	209967	209089	208213	207342	206679	206083
1959	74245	74177	74109	74075	74006	73938	73904	73836	73768	73700	73666	73632	73598	73564	73530	73462	73428	73360	73292	73224	73190	73122	73088	73020	72985	72917	72849	72815	72747	72679	72610
1960	30543	30432	30302	30173	30062	29970	29933	29915	29896	29878	29859	29822	29804	29785	29767	29748	29730	29711	29693	29674	29656	29637	29619	29582	29563	29526	29508	29489	29452	29452	29434
1961	18364	18364	18364	18351	18324	18298	18271	18231	18193	18168	18143	18118	18105	18092	18092	18080	18054	18029	17991	17953	17902	17877	17852	17839	17814	17789	17764	17751	17739	17713	17701
1962	94826	94373	93973	93573	93134	92774	92374	92014	91654	91095	90535	89987	89521	88978	88630	88203	87815	87427	87039	86690	86308	86045	85857	85631	85443	85255	85142	84992	84954	84842	84766
1963	214556	212126	209899	207409	205287	202899	200653	198438	196418	194465	192864	191392	189984	188639	187060	186368	186620	186431	185739	185048	184293	183350	182533	181719	180855	179868	179127	178818	178201	177646	177090
1964	96884	96843	96802	96720	96638	96596	96514	96391	96226	96144	96020	95938	95855	95773	95690	95608	95526	95484	95402	95361	95320	95278	95196	95155	95114	95032	95073	95196	95196	95196	95196
1965	208078	207210	206083	204822	203562	202369	201175	200066	198894	197851	196874	195701	194593	193313	192160	190880	189727	188511	187625	186682	185739	184796	183916	182973	182093	181164	180115	179127	178139	177152	176165
1966	88746	88358	87971	87662	87354	87086	86856	86703	86549	86359	86130	85902	85485	85220	84993	84842	84729	84616	84541	84466	84391	84353	84316	84316	84279	84241	84091	83979	83755	83531	83345
1967	273662	270475	267155	263706	260359	257186	254109	250906	247651	244421	241723	241359	240851	240416	239982	239475	238897	238392	237959	236880	235445	234300	233088	231736	230461	229259	228202	227077	226095	225186	224348
1968	121992	121895	121798	121557	121363	121267	121171	121074	120978	120930	120833	120737	120737	120737	120785	120737	120689	120641	120593	120545	120449	120401	120353	120257	120209	120161	120113	120066	120018	119922	119874
1969	351800	349315	347192	344811	342439	340074	337805	335195	332769	330352	328029	325543	322982	320346	317805	315359	313007	310747	308329	306004	303936	301628	299330	297041	294924	292653	290634	288943	287579	285978	284064
1970	168734	168257	167899	167483	167007	166296	165822	165173	164583	164230	163878	163525	163232	162881	162530	162238	162004	161713	161421	160956	160549	160259	159969	159796	159333	159333	159160	158813	158468	158237	158122
1971	123598	123451	123304	123207	123061	122963	122817	122720	122623	122477	122331	122234	122089	121895	121798	121702	121557	121460	121412	121412	121412	121412	121315	121267	121267	121171	121074	121026	120930	120785	120689
1972	50265	50239	50213	50187	50213	50344	50344	50318	50239	50239	50187	50161	50161	50135	50056	50030	50056	50082	50108	50239	50318	50397	50449	50475	50475	50475	50475	50449	50475	50475	50397
1973	222261	220876	219633	218463	217091	215791	214769	214292	213816	213477	213138	212934	212799	212595	212460	212392	212257	212054	211986	211784	211581	211446	211243	210973	210771	210501	210367	210098	209963	209761	209157
1974	277498	275537	273896	272493	271018	269237	268311	266771	265389	263935	262715	261573	260283	259072	257864	256584	255307	253960	252691	251203	250164	249349	248536	247799	246915	246327	245593	245593	245006	244494	242762
1975	175820	175276	174914	174492	174251	173831	173351	173231	173111	172931	172871	172931	172871	172931	172931	172931	172811	172692	172632	172453	172273	172154	172094	172094	171975	171796	171855	172034	172094	172094	172214
1976	70447	70447	70481	70481	70514	70548	70649	70649	70514	70380	70280	70213	70179	70079	70012	70012	70012	69945	69945	69979	69945	69945	69912	69812	69778	69712	69745	69712	69645	69645	69612
1977	36407	36407	36345	36345	36303	36261	36261	36282	36282	36261	36240	36220	36178	36136	36116	36074	36033	35991	35909	35847	35826	35826	35805	35785	35764	35743	35723	35702	35620	35620	35620
1978	366229	364142	361971	359808	357561	355232	353000	350775	348381	345907	343618	341337	339063	336972	334627	332378	330050	327903	325677	323459	321419	319301	317107	314836	312658	310488	308326	306089	303614	301395	299594
1979	217918	217709	217569	217432	217292	217063	216805	216527	216249	216041	215763	215557	215280	215003	214657	214312	213899	213348	213072	213417	213624	213624	213348	213210	212935	212729	212454	211975	212112	211769	211769
1980	327931	325484	323136	320881	318634	316138	313652	311091	308456	306004	303561	300793	297708	294804	292739	291093	289615	288060	286674	285128	283585	282129	280758	279389	277865	276506	275388	273955	282686	271103	269997
1981	171800	171498	171258	171198	171137	171017	170897	170777	170717	170478	170418	170478	170418	170478	170298	170179	170119	170059	169999	169939	169819	169700	169520	169341	169222	168984	168984	169162	169281	169281	169162
1982	374716	373779	372564	370975	369485	367441	365495	363736	361892	360053	358219	356297	354381	352377	350472	348663	346587	344608	342456	340132	337548	334710	331621	328721	325659	323482	321485	318893	315966	314337	313395
1983	394752	392927	391011	389290	387284	385572	383863	382158	380360	378474	376499	374529	372377	370138	367999	366049	364014	361985	359594	357027	354470	352016	349568	346948	344339	341560	338882	336129	333561	330916	328457
1984	276746	275867	275230	274433	273637	272765	272051	271182	270392	269445	268266	267794	266776	265914	265134	264276	264198	263808	263420	263187	262798	262410	262021	261789	261015	260319	260010	259548	259162	258854	258546
1985	202842	202174	201510	200978	200448	199786	199058	198532	197873	197281	196823	196364	195906	195385	194863	194212	193888	193498	193174	192850	192397	192269	192140	192010	192010	191881	191817	191623	191430	191301	191236
1986	326445	324440	322267	320101	317857	315450	313224	311005	308881	306594	304317	302133	300040	298039	295879	293811	291832	290025	288142	286348	284397	282534	280839	279070	277465	275946	274513	273003	271418	269918	268423
1987	150709	150212	149715	149219	148670	148067	147466	147030	146703	146485	146268	146052	145835	145672	145456	145293	145077	144808	144592	144377	144377	144269	144161	144215	144161	144054	144000	143946	143839	143731	143677
1988	75041	74972	74869	74768	74631	74563	74460	74392	74290	74256	74188	74188	74154	74086	74086	74052	73984	73883	73849	73849	73782	73680	73646	73579	73511	73477	73410	73376	73342	73342	73342
1989	95132	94768	94525	94204	93962	93761	93601	93400	93201	92962	92842	92722	92603	92484	92404	92206	92087	92008	91929	92850	91810	91810	91731	91573	91534	91494	91455	91415	91376	91337	91337
1990	48683	48558	48508	48458	48359	48259	48185	48160	48110	48036	47962	47912	47838	47814	47764	47764	47764	47716	47592	47494	47445	47347	47298	47249	47176	47127	47079	47030	46957	46908	46859
1991	98164	97999	97792	97626	97461	97297	97174	97009	96845	96681	96558	96476	96313	96027	95782	95538	95295	95092	94930	94808	94606	94364	94163	93962	93801	93842	94163	94163	94002	93882	93801
1992	83994	83845	83771	83698	83550	83550	83476	83402	83328	83254	83180	83107	82996	82812	82703	82629	82556	82519	82446	82409	82372	82372	82409	82519	82519	82519	82446	82372	82299	82886	83661
1993	268659	267089	265447	263886	262467	261170	259855	258623	257547	256319	255402	254562	253724	253267	252963	252735	252507	252127	251673	251294	250840	250461	250085	249632	249103	248576	248051	247374	246942	246326	245951
1994	118436	118389	118296	118296	118369	118483	118578	118672	118767	118767	118720	118672	118578	118483	118389	118343	118296	118201	118154	118060	117966	117872	117778	117684	117590	117449	117355	117215	117075	116982	116888
1995	335596	333561	331621	329860	328019	326183	324440	322701	321139	319669	318116	316740	315364	314080	312710	311346	310071	308796	307271	305582	303729	301631	299541	297458	295384	293565	291750	290107	288469	286674	284884
1996	286755	285614	284397	283263	282291	281323	280114	278748	277146	275467	273796	272210	270708	269289	267637	266149	264822	263574	262565	261711	260706	259932	259240	258623	257930	257470	257010	256626	256319	256089	256013
1997	294804	293728	282987	292409	291997	291422	290929	290436	289861	289289	288961	288551	288060	287408	286674	285940	285291	284640	283828	283020	282291	281402	280597	279550	278106	276586	275150	273876	272527	271182	270076
1998	364569	362630	360973	359318	357485	355383	353288	351017	348753	346768	344878	342994	341113	339150	337104	335064	333119	331180	328896	326533	324265	321919	319755	317857	316138	314423	312796	311176	309645	308204	306848
1999	186508	185876	185180	184423	183669	183041	182479	181979	181666	181354	180982	180422	179739	179121	178688	178503	178318	177888	177580	177211	176842	176537	176353	176169	175863	175497	175130	174827	174644	174522	174462
2000	145023	144592	144054	143464	142768	142128	141596	141011	140430	140060	139534	139113	138798	138640	138535	138326	138065	137752	137388	137074	136919	136763	136503	136140	135726	135572	135469	135365	135365	135417	135417
2001	108371	107840	107398	106871	106300	105863	105471	105079	104818	104516	104170	103911	103696	103395	102923	102411	101857	101263	100756	100461	100251	100083	99957	99831	99747	99663	99579	99537	99455	99537	99621
2002	88802	88532	88302	88148	88032	87917	87687	87382	87039	86658	86356	86091	85864	85564	85263	84963	84701	84515	84329	84105	83920	83698	83476	83254	83070	82922	82812	82629	82482	82372	82299
2003	171258	170358	169700	169102	168508	167794	167084	166315	165197	164084	163149	162452	161813	161061	160310	159736	159219	158704	158246	157732	157049	156367	155632	154954	154279	153549	152878	152097	151319	150653	150156
2004	98081	97833	97503	97091	96722	96435	96149	95904	95741	95578	95497	95416	95335	95214	95132	95051	95011	95011	95173	95497	95578	95497	95295	95132	94970	95011	95011	94930	94849	94768	94727
2005	299792	298123	296378	294721	293152	291585	290025	288306	286919	285533	284072	282534	280920	279150	277785	276586	275467	274752	273637	272368	271182	270155	269131	268030	266933	265836	264744	263808	262954	262177	261248
2006	235826	235388	235098	234952	234806	234587	234515	234442	234296	234151	234005	233860	233860	233860	233787	233569	233425	233280	233207	233135	233062	232990	232845	232627	232410	232192	231975	231686	231398	231109	230893
2007	113923	113649	113465	113190	113053	112962	112688	112370	112097	111779	111553	111327	111192	111011	110876	110695	110515	110380	110335	110246	110156	109932	109708	109618	109574	109484	109395	109216	109039	108905	108682
2008	121384	121049	120667	120381	120095	119714	119383	118956	118483	118060	117778	117543	117261	116935	116748	116514	116188	115863	115492	115121	114752	114337	113923	113557	113190	112779	112370	111961	111598	111327	111237
2009	101475	100798	100251	99705	99162	98620	98123	97668	97297	96927	96640	96354	96149	98413	100125	101136	101942	102794	103137	103524	103738	103824	103868	103824	103824	103696	103610	103524	103395	103309	103309
2010	168865	167735	166552	165374	164728	164143	163675	163441	163266	163093	162918	162626	162219	161697	161235	160772	159966	159333	159161	158817	158417	158189	158017	157960	157503	157732	157789	157560	157446	157550	157106
2011	221348	219244	216944	214796	213555	212591	211152	209719	208224	207006	205791	204649	203243	201377	199455	197281	195189	193109	190914	188608	186255	183858	181666	179555	177826	176414	174644	172825	171017	169341	168329
2012	88379	88225	88032	87841	87687	87572	87268	87001	86848	86696	86620	86620	86658	86658	86582	86470	86394	86356	86242	86129	86091	85940	85902	85902	85978	85978	85940	85789	85600	85338	85150
2013	55697	55560	55395	55258	55038	54820	54602	54439	54385	54331	54222	54061	53980	53899	53899	53845	53764	53684	53603	53576	53523	53496	53443	53362	53309	53229	53095	53042	53042	52962	52962
2014	50225	50250	50199	50097	50020	49918	49817	49689	49589	49487	49411	49386	49411	49336	49184	49109	49058	49008	48958	48883	48633	48284	47962	47642	47298	46981	46689	46351	45966	45585	45418
2015	30193	30158	30158	30246	30316	30387	30387	30404	30404	30387	30387	30351	30334	30334	30387	30387	30387	30404	30439	30510	30563	30599	30616	30634	30652	30617	30545	30475	30422	30369	30299
Max.	**394752**	**392927**	**391011**	**389290**	**387284**	**385572**	**383863**	**382158**	**380360**	**378474**	**376499**	**374529**	**372377**	**370138**	**367999**	**366049**	**364014**	**361985**	**359594**	**357027**	**354470**	**352016**	**349568**	**346948**	**344339**	**341560**	**338882**	**336129**	**333561**	**330916**	**328457**
Min.	**13110**	**12900**	**12674**	**12465**	**12243**	**12000**	**11777**	**11512**	**11317**	**11122**	**10943**	**10790**	**10710**	**10694**	**10718**	**10742**	**10774**	**10799**	**10816**	**10824**	**10824**	**10816**	**10816**	**10816**	**10816**	**10816**	**10841**	**10867**	**10900**	**10900**	**10900**
Ave.	**167555**	**166783**	**165880**	**165306**	**164598**	**163870**	**163178**	**162479**	**161792**	**161115**	**160478**	**159904**	**159309**	**158746**	**158194**	**157655**	**157148**	**156629**	**156101**	**155582**	**155009**	**154455**	**153910**	**153379**	**152828**	**152324**	**151853**	**151370**	**151056**	**150461**	**150068**

ISABELLA DAM & LAKE

KERN RIVER BASIN, CALIFORNIA

MIDNIGHT STORAGE

NOVEMBER

Units in acre-feet

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	10900	10900	10900	10900	10892	10892	10884	10884	10884	10858	10841	10841	10841	10841	10782	10782	10702	10518	10326	10110	9904	9655	9442	9301	9170	9050	8901	8733	8593	8537	
1955	13652	13831	13810	13799	13788	13788	13672	13488	13310	13112	12903	12695	12568	12559	12559	12550	12550	12550	12550	12559	12559	12559	12550	12532	12532	12532	12541	12541	12550	12541	
1956	132723	132723	132723	132723	132620	132568	132517	132465	132362	132310	132207	132156	132052	131949	131898	131846	131795	131743	131692	131640	131486	131383	131383	131331	131331	131279	131279	131228	131228	131176	
1957	102133	102091	102048	101964	101921	101921	101879	101921	101921	101921	101921	101921	101879	101879	101837	101794	101752	101709	101709	101709	101667	101625	101625	101625	101625	101582	101540	101497	101413	101328	
1958	205420	204756	204159	203496	202899	202369	201971	201441	200913	200587	200262	200001	199806	199806	199806	199676	199610	199610	199806	199741	199806	199741	199806	199741	199676	199610	199545	199480	199350	199219	
1959	72576	72542	72508	72474	72406	72372	72338	72304	72304	72270	72270	72236	72202	72202	72168	72135	72135	72102	72069	72036	72003	72003	71970	71970	71937	71904	71871	71871	71871	71838	
1960	29415	29397	29434	29452	29508	29508	29508	29489	29470	29470	29452	29489	29508	29526	29545	29582	29600	29619	29582	29526	29526	29545	29526	29489	29415	29397	29397	29378	29378	29378	
1961	17688	17676	17663	17650	17625	17613	17600	17587	17575	17562	17537	17524	17511	17486	17460	17448	17435	17423	17410	17435	17460	17448	17448	17448	17600	17600	17600	17587	17587	17575	
1962	84691	84654	84616	84541	84503	84503	84466	84428	84390	84353	84315	84315	84278	84240	84202	84165	84127	84090	84052	84052	84052	84014	84014	83977	83939	83902	83864	83826	83789	83789	
1963	176473	175673	175189	174462	174159	173736	173494	173251	173009	172767	172525	172222	171799	171375	171194	171073	170891	170891	170891	170073	170073	170891	170770	170649	170649	170709	170649	170588	170588	170588	
1964	95073	95073	94991	94991	94949	94908	94867	94826	94908	95073	95196	95320	95320	95278	95278	95320	95278	95278	95278	95237	95196	95196	95196	95155	95114	95032	94991	94991	94949	94908	
1965	175249	174583	173978	173373	172888	172403	172040	171738	171496	171254	171012	170709	170588	170709	170891	171073	171436	171496	171375	171133	170830	170891	171557	172767	173312	173191	172706	171920	171012	170164	
1966	83196	83048	82899	82714	82530	82456	82419	82419	82419	82382	82345	82308	82308	82272	82235	82161	82124	82124	82088	82161	82124	82088	82051	82014	81977	81977	81941	82051	82640	82788	
1967	223443	222608	221568	220461	219358	218463	217639	216406	215177	213816	211919	210232	208754	207749	206747	206014	205349	204685	204685	204685	204552	204022	203426	202831	202106	201447	200593	200068	200134	200461	
1968	119826	119778	119778	119778	119731	119683	119683	119635	119587	119587	119540	119492	119492	119444	119970	120018	119970	119874	119874	119826	119826	119778	119731	119731	119635	119587	119540	119540	119492	119492	
1969	282712	281443	280019	278127	275928	274286	272493	270630	268542	266540	264318	261953	259752	257487	255083	252989	251277	249423	247209	244860	242814	240706	239041	238536	236305	234068	231878	229895	228202	226376	
1970	157950	157835	157548	157261	157032	156860	156803	156631	156517	156574	156574	156574	156631	156631	156631	156688	156688	156688	156688	156631	156631	156574	156574	156517	157089	158007	158468	158640	159564	159854	
1971	120689	120737	120737	120737	120689	120641	120593	120545	120497	120449	120497	120641	120641	120545	120497	120401	120353	120305	120305	120257	120257	120209	120209	120161	120161	120449	120689	120641	120641	120689	
1972	50397	50370	50344	50528	50581	50633	50686	50739	50739	50976	51082	51215	51295	51614	51855	52124	52258	52258	52339	52366	52339	52285	52258	52177	52150	52124	52124	52124	52124	52097	
1973	208754	208218	207749	207281	206480	206147	205814	205349	204751	204486	204353	204486	204685	204618	204552	204353	204618	205216	205282	204884	205149	205083	204950	204817	204685	204685	204751	204751	204751	204685	
1974	243252	242596	242014	241577	241069	240706	240199	239909	239547	239330	238969	238464	237959	236880	236090	235230	234372	233373	232874	231878	230956	230319	229612	228765	228061	227288	226376	225745	225046	224767	
1975	172094	172094	172094	172034	171796	171736	171319	171498	171498	171319	171438	171378	171259	171140	171081	170902	170843	170784	170665	170487	170546	170427	170427	170427	170487	170309	170309	170487	170249	170190	
1976	69612	69612	69579	69512	69446	69379	69313	69247	69147	69147	69180	69147	69048	69015	69114	69114	69081	69114	69081	69048	69015	68982	68949	68883	68817	68784	68718	68685	68619	68586	
1977	35620	35600	35600	35579	35579	35620	35538	35517	35517	35476	35456	35436	35415	35395	35374	35354	35313	35272	35231	35211	35130	35109	35170	35150	35130	35109	35069	35048	35028	35008	
1978	292162	289943	287652	285452	283585	281644	279792	277705	275547	273558	271814	269681	268266	266541	264978	263343	262177	261711	260242	258700	257394	256166	255096	253801	252659	251446	250385	249254	248350	247599	
1979	211700	211700	211563	211563	211495	211358	211289	211152	211152	211152	211152	211015	210879	210810	210605	210833	210470	210402	210402	210265	210060	209992	209924	209788	209924	210129	210265	210060	209856	209719	
1980	268816	267480	265992	264510	263031	261480	259778	258238	256626	255020	253267	251749	250159	248425	246849	245278	243564	241931	240230	238537	236924	235461	233787	232555	231830	231398	231254	231109	230965	230748	
1981	169102	168984	168925	168865	168806	168567	168508	168508	168448	168329	168329	168210	168329	168448	168686	168627	168329	168270	167972	167854	167557	167499	167499	167321	167380	167380	167499	167854	167794	167735	
1982	311602	309645	307525	305413	303309	301212	298956	296793	294721	292327	290189	287652	285372	282858	280517	278186	275707	273717	272924	271655	270313	268895	267794	266697	265447	264042	262487	261170	260164	267246	
1983	326270	324178	321919	319928	317513	315278	312625	310750	308456	306340	305582	305244	304148	302804	301380	299123	297789	297042	295632	296461	296544	295218	295218	296211	300373	301045	301296	301128	300877	300710	
1984	258161	257240	256856	256243	255479	254485	253648	252963	252355	251522	250915	250085	250085	250159	250085	250159	250310	250234	250310	250159	250159	250688	250688	251749	252279	252431	252583	254333	254791	254409	
1985	191043	190978	190914	190721	190721	190658	190401	190273	190144	190080	190144	190016	189951	189951	189951	189823	189823	189887	189951	189951	189951	189823	189823	190144	190273	190465	190144	190337	191043	191494	
1986	267089	266071	265134	264354	263420	262487	261633	261015	260474	259701	258469	257317	256166	255020	253951	252887	251977	251370	250915	250234	249632	249254	248726	248201	247975	247599	247299	246924	246549	246101	
1987	143677	143731	143785	143946	143839	143892	144000	144054	144054	144054	143946	143839	143677	143731	143624	143518	143624	143731	143624	143464	143410	143357	143303	143089	143196	143142	142982	142875	142768	142661	
1988	73342	73275	73174	73140	73107	73040	72939	72872	72872	72805	72805	72805	72738	72839	72872	72839	72772	72805	72772	72738	72705	72705	72705	72939	73174	73275	73107	73074	73074	73074	
1989	91298	91298	91258	91180	91062	91022	90983	90944	90826	90747	90747	90669	90630	90669	90630	90630	90630	90590	90512	90395	90356	90278	90161	90044	89966	90122	90161	90005	89888	89732	
1990	46835	46811	46811	46811	46762	46762	46762	46738	46738	46738	46738	46689	46665	46568	46544	46496	46399	46327	46303	46255	46279	46279	46279	46279	46279	46351	46399	46375	46327	46303	
1991	93721	93641	93601	93521	93480	93440	93440	93321	93201	93121	93041	93002	92882	92762	92683	92603	92523	92722	92762	92683	92722	92762	92762	92762	92762	92802	92722	92643	92484	92404	
1992	83994	83957	84031	84031	83994	83957	83920	83883	83863	83845	83771	83698	83661	83624	83587	83550	83476	83402	83328	83328	83328	83291	83291	83291	83254	83217	83107	82996	82959	82886	
1993	245652	245427	245278	245128	245054	244979	244829	244755	244680	244606	244606	244606	244531	244829	244904	244829	244829	244755	244755	244755	244680	244531	244458	244383	244309	244160	244011	243862	243787	243862	
1994	116748	116608	116514	116421	116328	116328	116328	116328	116328	116328	116234	116141	116141	116095	116095	116095	116188	116281	116281	116234	116281	116188	116188	116188	116234	116374	116328	116328	116374	116374	
1995	283263	281806	280839	279953	278909	277705	276586	275388	274035	272845	271576	270234	268895	267480	266071	264588	263109	261711	260396	259085	257701	256396	255096	253877	252507	251294	249934	248877	247975	247074	
1996	255936	255860	255708	255555	255402	255096	254791	254256	253724	253191	252659	252203	251749	251294	250764	250310	250840	252203	252127	252051	253039	258700	260938	261944	261944	260474	258007	255020	252431	249556	
1997	269289	268423	267403	266306	265134	263964	262798	261633	260551	259625	258700	257624	256626	255708	254714	253801	252963	252051	251143	250612	249783	248877	247900	246999	246326	246101	245951	245652	245352	245128	
1998	305413	303814	301965	299792	297542	295135	292904	290764	288551	286429	284397	282049	279792	277705	275627	273321	271024	268816	266541	264042	261633	259162	256396	253801	251673	249858	248425	246999	245951	244979	
1999	174401	174340	174340	174340	174340	174279	174218	174218	174279	174340	174401	174462	174462	174462	174462	174462	174340	174279	174097	174036	174097	174157	174157	174097	174036	173975	173975	173975	173914	173854	
2000	135417	135365	135314	135314	135211	135262	135262	135159	135159	135107	135107	135056	134953	134953	134901	134798	134695	134592	134490	134387	134234	134183	134234	134285	134285	134285	134337	134387	134387	134438	
2001	99621	99537	99455	99413	99371	99287	99246	99204	99120	99037	98953	99120	99120	99162	99204	99162	99079	99037	98995	98995	98870	98787	98870	99204	100209	100125	100041	99999	100293	100419	
2002	82299	82262	82226	82189	82116	82043	82153	98537	118625	124429	127477	128820	129670	130624	131230	131736	132192	132548	132905	133261	133516	133721	133926	134131	134285	134285	134285	134285	134337	134541	
2003	149935	149825	149715	149604	149604	149604	149549	149604	149770	149825	149825	149770	149715	149604	149439	149384	149439	149439	149384	149274	149219	149219	149164	149109	149054	149054	149054	148999	148999	148999	
2004	94687	94727	94727	94687	94647	94606	94566	94566	94566	94566	94566	94566	94525	94525	94485	94445	94404	94325	94244	94163	94083	94043	94043	94043	94043	94043	94083	94244	94204	94163	
2005	260087	258700	257317	256013	254943	253877	252735	251673	250537	249632	248802	248051	247299	246774	246474	246176	245951	245726	245502	245427	245352	245352	245278	245128	244979	244904	244829	244680	244606	244606	
2006	230676	230460	230318	230100	230028	229884	229669	229454	229238	229094	228807	228663	228520	228448	228448	228305	228233	228161	228090	228020	227805	227590	227447	227232	227018	226804	226518	226304	226020	225878	
2007	108682	108638	108638	108593	108593	108549	108460	108327	108238	108194	108149	108105	108149	108149	108105	108017	107973	107929	107929	107929	107885	107796	107796	107752	107752	107708	107663	107619	107487	107266	
2008	111373	111507	111643	111553	111462	111462	111418	111462	111553	111553	111462	111462	111462	111507	111507	111462	111373	111282	111192	111056	110921	110830	110785	110740	110695	111011	110966	110921	110876	110830	
2009	103309	103266	103180	103052	102880	102794	102752	102794	102752	102709	102666	102624	102666	102709	102794	102794	102794	102752	102709	102624	102539	102496	102496	102496	102539	102539	102453	102368	102325	102283	
2010	157049	156878	156708	156481	156310	156140	156084	156027	155915	155915	155970	155915	155915	155915	155858	155802	155745	155632	155462	155575	155858	155688	155745	156140	156424	156537	156708	157220	157389	157561	
2011	168151	167854	167440	167143	167025	167143	167203	167380	167380	167321	167380	167854	168151	168270	168270	168280	168151	167854	168032	168032	168032	168032	168032	168151	168151	168211	168270	168270	168329	168270	
2012	85075	84963	84738	84552	84403	84291	84105	83957	83845	83771	83771	83734	83771	83845	83845	83883	83994	84180	84291	84180	84068	84031	83957	83883	83771	83968	83698	83698	83624	83624	
2013	52989	52909	52962	52962	53051	53095	53095	53149	53255	53362	53496	53603	53710	53684	53818	53899	54034	54115	54222	54277	54439	54412	54412	54358	54331	54331	54385	54358	54358	54358	
2014	45418	45442	45442	45418	45394	45347	45324	45300	45229	45181	45158	45158	45110	45087	45016	45110	45110	45110	45039	45039	45039	45016	44992	44992	44969	44945	44921	44874	44851	44804	
2015	30263	30246	30211	30228	30263	30281	30316	30351	30351	30404	30422	30369	30316	30281	30281	30369	30387	30404	30457	30510	30581	30617	30634	30634	30599	30617	30563	30528	30492	30404	
Max.	**326270**	**324178**	**321919**	**319928**	**317513**	**315278**	**312625**	**310750**	**308456**	**306340**	**305582**	**305244**	**304148**	**302804**	**301380**	**299123**	**297789**	**297042**	**295632**	**296461**	**296544**	**295218**	**295218**	**296211**	**300373**	**301045**	**301296**	**301128**	**300877**	**300710**	
Min.	**10900**	**10900**	**10900**	**10900**	**10892**	**10892**	**10884**	**10884**	**10884**	**10858**	**10841**	**10841**	**10841**	**10841**	**10782**	**10782**	**10702**	**10518**	**10326**	**10110**	**9904**	**9655**	**9442**	**9301**	**9170**	**9050**	**8901**	**8733**	**8593**	**8537**	
Ave.	**149650**	**149284**	**148922**	**148547**	**148161**	**147800**	**147432**	**147352**	**147317**	**147071**	**146800**	**146494**	**146201**	**145919**	**145647**	**145350**	**145096**	**144895**	**144665**	**144417**	**144209**	**144066**	**143900**	**143784**	**143707**	**143551**	**143331**	**143146**	**142986**	**142938**	

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MIDNIGHT STORAGE

DECEMBER

Units in acre-feet

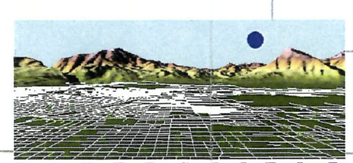
Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1954	8537	8537	8558	8600	8607	8600	8607	8607	8621	8649	8649	8649	8656	8656	8656	8663	8663	8663	8670	8670	8677	8684	8684	8670	8670	8670	8670	8670	8670	8670	8670
1955	12814	12863	12863	12863	12863	13419	13863	13905	14487	14646	14669	14680	14680	14680	14669	14657	14657	14646	14646	14657	14657	14871	39080	51798	59205	64531	69135	72406	74960	76912	78567
1956	131125	131125	131021	130970	130970	130918	130918	130867	130765	130715	130715	130715	130765	130765	130664	130664	130614	130614	130564	130564	130514	130464	130464	130413	130413	130413	130363	130363	130313	130313	130313
1957	101244	101201	101201	101159	101328	101286	101286	101286	101286	101244	101201	101117	101117	101074	101201	101328	101540	101582	101582	101540	101497	101455	101455	101413	101413	101413	101413	101413	101413	101413	101413
1958	199154	199089	199089	199024	198894	198894	198894	198829	198698	198698	198763	198763	198763	198763	198698	198633	198633	198568	198503	198503	198503	198503	198503	198438	198373	198307	198242	198242	198177	198112	198112
1959	71805	71772	71739	71706	71674	71641	71608	71575	71542	71509	71509	71476	71443	71410	71410	71377	71377	71377	71344	71476	71476	71476	71509	71608	71608	71608	71608	71575	71575	71641	71608
1960	29378	29360	29341	29341	29323	29304	29286	29286	29286	29286	29286	29304	29304	29304	29304	29286	29267	29267	29267	29267	29267	29249	29230	29230	29212	29212	29193	29175	29156	29138	29119
1961	17575	17663	17650	17638	17638	17625	17625	17613	17613	17600	17575	17575	17575	17575	17575	17562	17562	17562	17549	17549	17549	17549	17549	17549	17549	17549	17537	17537	17537	17524	17524
1962	83751	81714	83676	83676	83676	83676	83676	83638	83601	83563	83526	83526	83488	83450	83413	83375	83338	83300	83262	83225	83150	83112	83074	83037	82999	82924	82886	82886	82849	82849	82849
1963	170527	170467	170467	170406	170346	170346	170346	170285	170527	170527	170467	170467	170467	170467	170467	170467	170467	170406	170346	170285	170285	170164	170104	170043	170043	170043	169983	169983	169983	169983	170043
1964	94867	94949	94908	94867	94867	94826	94785	94785	94744	94744	94703	94661	94661	94620	94579	94579	94538	94497	94620	94620	94620	94661	95526	99973	103249	105122	112711	115523	116785	117687	118303
1965	170104	169983	169983	169983	169922	169922	169922	169922	169983	169983	169983	169922	169862	169862	169740	169561	169502	169502	169443	169502	169443	169443	169443	169443	169443	169443	169443	169443	170588	171012	171193
1966	82714	83011	84616	85295	111121	260358	292653	304514	311918	317467	321960	325372	328458	330869	333029	334848	336325	336760	336934	337195	337369	336760	335369	333288	331128	328888	326228	322897	319752	316623	313258
1967	200593	200330	200265	200068	200068	199937	199937	199871	199871	199806	199806	199806	199675	199282	199413	199544	199740	200265	200199	200199	200134	200068	200068	200068	200068	200068	200134	200134	200068	200002	199937
1968	119444	119397	119397	119397	119397	119397	119349	119683	120161	120593	121171	121605	121992	122623	123304	124087	124136	124087	124038	124038	123989	123989	124038	124185	124283	124431	124381	124431	124529	124480	124480
1969	225186	224976	224906	224767	224767	224697	224627	224557	224557	224488	224418	224418	224418	224488	224557	224557	224557	224557	224557	225326	225326	225815	225745	225605	225605	226235	226235	226025	225885	225675	225535
1970	160027	160491	160607	160782	161130	161946	162705	163467	164348	165291	166059	166651	167067	167304	167542	167899	168317	168615	168734	168914	169811	170171	170351	170532	170652	170953	171193	171434	171615	171857	172038
1971	120689	120641	120641	120593	120497	120497	120497	120449	120401	120401	120449	120689	120785	120785	120930	120930	120930	121026	121026	121026	121026	121219	121460	121943	122137	122186	122137	122089	121992	121992	122040
1972	52070	51989	51989	52636	52799	52935	53125	53289	53316	53316	53344	53371	53398	53426	53480	53562	53645	53810	51030	54334	54528	54722	54945	55113	55280	55308	55365	55533	55589	55589	55589
1973	204884	204817	204751	204685	204618	204552	204486	204353	204353	204287	204022	204083	204751	205482	205415	205415	205349	205349	205282	205216	205017	205083	205083	205083	205017	204950	204751	205282	205216	205748	205948
1974	224697	224697	224837	225885	225815	225535	225396	224976	224767	224627	224627	224552	224837	224837	224837	224837	224697	224697	224627	224697	224348	224348	224209	224139	224069	224139	224209	224209	224209	224209	223930
1975	170190	170249	170309	170309	170368	170368	170309	170249	170249	170249	170131	170071	170071	170131	169953	169953	169893	169953	169953	169953	169953	169953	169953	169953	170012	170131	170131	170131	170190	170190	170131
1976	68586	68553	68553	68520	68487	68454	68454	68389	68389	68356	68323	68257	68224	68192	68159	68126	68093	68061	68025	67995	67930	67897	67864	67831	67799	67766	67734	67701	67668	67766	67701
1977	34988	34967	34947	34907	34927	34907	34785	34805	34765	34745	34644	34644	34584	34504	34544	34504	35028	35702	35805	35743	35723	35764	35847	35888	35929	36033	38431	41634	42823	43438	43820
1978	248126	247825	247675	247149	247299	247224	246849	246326	246101	245951	245726	245577	245278	245128	245128	244829	245128	245577	245502	245427	245427	245427	245352	245352	245352	245203	245278	245203	245054	244904
1979	209719	209583	209651	209379	209651	209719	209651	209651	209583	209515	209515	209311	209106	209106	209106	209106	209106	209308	209106	208768	208700	208836	208768	208700	208768	208700	208632	208632	208768	208632	208768
1980	230532	230460	230748	231543	231903	231903	231903	231903	231903	231903	232047	231975	232047	232047	232047	232120	231975	231686	231543	231254	230893	230604	230460	230316	230172	230028	229956	230028	230028	229956	229813
1981	167676	167676	167616	167499	167380	167321	167321	167380	167321	167380	167321	167025	167143	167203	167084	167203	167143	167084	166966	167025	167735	167499	167321	167203	167143	167025	166907	167143	167262	167794	168210
1982	267794	267168	266306	265056	263498	261170	258777	256243	253877	251825	249934	247900	247074	246399	245876	245577	245278	245203	244979	244904	245054	249934	256549	258546	259625	260551	261170	261480	261633	261711	261558
1983	300040	299123	299290	299040	298539	297956	297789	297542	297042	298039	297292	297625	296793	296378	295879	294886	294307	293399	292162	290847	289943	289043	288551	288224	293482	299541	303645	307356	309220	310579	311944
1984	254104	253724	253115	252507	251977	251143	250385	249481	248576	247975	247074	246326	245502	244904	244755	244979	245054	245128	245652	245577	245577	245577	245502	245502	245352	245352	245352	245278	245203	245054	244979
1985	191688	193304	194733	195059	195124	195059	194993	195189	195189	195320	195320	195254	195254	195320	195385	195450	195516	195385	195385	195385	195320	195320	195320	195254	195189	195189	195124	194993	195124	195385	195516
1986	245577	245203	245054	244979	244904	244979	245203	245203	245128	245128	245054	244979	244904	244904	244829	244680	244606	244531	244458	244531	244531	244458	244458	244458	244383	244383	244309	244309	244160	244160	244085
1987	142661	142768	142875	143303	143518	143464	143785	143731	143731	143624	143624	143731	143518	143410	143410	143357	143303	143303	143410	143410	143464	143357	143464	143357	143250	143303	143357	143357	143464	143464	143410
1988	73074	73007	73007	72939	72872	72906	72973	72839	72638	72671	72671	72671	72738	72705	72671	72805	72906	72805	72939	73107	73140	73040	73107	73816	74018	73849	73579	73579	73613	73477	73545
1989	89576	89460	89305	89189	88957	88725	88455	88186	87917	87649	87382	87115	86886	86734	86620	86544	86432	86356	86280	86280	86280	86280	86280	86242	86280	86204	86167	86129	86091	86053	85978
1990	46303	46303	46303	46279	46255	46255	46231	46207	46207	46183	46134	46134	46086	46110	46038	45966	45942	45895	45990	46086	46062	46062	46014	45966	46038	46158	46207	46134	46110	46062	46014
1991	92326	92206	92048	91929	91771	91573	91415	91415	91337	91258	91101	90865	90669	90434	90161	89888	89654	89576	89615	89654	89576	89499	89499	89460	89499	89499	89460	89499	89538	89615	89654
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1999	173672	173491	173370	173188	173127	173006	172885	172825	172583	172462	172341	172220	172160	172100	171980	171920	171860	171739	171679	171498	171198	170897	170717	170657	170597	170537	170358	170179	169999	169819	169341
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2001	100461	100545	100840	100798	100713	100587	100587	100545	100503	100461	100377	100419	100419	100503	100629	100587	100545	100545	100503	100503	100629	100671	100713	100713	100671	100671	100671	100671	100713	102240	104689	105906
2002	134695	134747	134798	134901	134953	134953	135056	135159	135159	135262	135314	135262	135159	135159	135211	135778	136555	136815	136867	137178	137282	137282	137334	137334	137438	137491	137647	137699	138013	138065	138222
2003	148945	148725	148505	148286	148067	147903	147793	147793	147629	147303	147193	147193	147139	147030	147030	147030	146921	146921	146866	146812	146866	146866	146866	146921	148012	148560	148670	148505	148560	148560	148505
2004	94123	94083	94002	93962	93922	93882	93882	93882	93801	93801	93761	93681	93601	93480	93400	93281	93201	93121	93081	93002	92962	92922	92882	92802	92762	92762	92922	93321	93681	93761	94083
2005	244680	246474	247374	247675	247825	247975	248051	248126	248350	248877	249330	249103	248651	248275	247750	247149	246474	246101	246176	246026	245726	245652	245951	245951	245801	246026	246326	245951	246026	245726	246549
2006	225878	225949	225878	225878	225878	225878	225878	225807	225878	226234	226304	226234	226234	226234	226234	226234	226234	226163	226092	226020	226020	226304	226375	226518	226589	226589	226946	227018	226875	226804	226732
2007	106827	106475	105950	105471	105035	104818	104862	105166	105384	105514	105689	105776	105906	105993	106081	106081	106081	106081	106256	106388	106607	106783	106959	107134	107266	107310	107442	107442	107398	107442	107442
2008	110785	110695	110605	110560	110470	110291	110291	110246	110246	110201	110156	110112	110246	110740	111011	111282	111507	111734	111961	112233	112416	112962	113419	113739	114383	114890	115260	115631	116048	116514	116888
2009	102069	101814	101686	101518	101390	101518	101942	102069	102112	102325	102709	103180	104386	104949	105340	105732	106125	106475	106827	107134	107398	107840	108238	108549	108816	109128	109439	109708	109887	110291	110560
2010	157675	157846	158131	158360	158704	159104	159276	159333	159219	159448	159678	159851	159909	159678	159793	159966	160484	165668	190273	208224	215003	219874	222828	224457	225379	226163	226518	226661	231182	233496	234733
2011	168329	168210	168091	167972	167913	167794	167794	167794	167913	167854	167794	167854	167972	167913	167794	167794	167972	167735	167794	167794	167676	167616	167499	167440	167380	167321	167321	167262	167203	167203	167203
2012	83698	83920	84403	84441	84441	84329	84254	84105	83957	83771	83661	83439	83328	83070	82849	82666	82592	82556	82739	82703	82629	82739	82959	83476	83734	84031	84217	84105	84068	84031	83883
2013	54358	54222	54142	54115	54034	53845	53818	54115	54249	54439	54711	54956	55258	55505	55725	56002	56224	56446	56753	56977	57230	57540	57738	57993	58221	58449	58707	58937	59138	59340	59601
2014	44804	45181	45489	45561	45513	45465	45370	45300	45181	45087	45039	45181	45276	45300	45252	45229	45229	45205	45181	45110	45110	45110	45110	45039	45158	45158	45110	44992	44921	44898	44851
2015	30387	30404	30387	30387	30387	30369	30351	30351	30299	30316	30404	30492	30545	30652	30687	30616	30581	30581	30563	30599	30599	31585	32595	32912	33155	33231	33249	33306	33382	33363	33401
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Min.	**8537**	**8537**	**8558**	**8600**	**8607**	**8600**	**8607**	**8607**	**8621**	**8649**	**8649**	**8649**	**8656**	**8656**	**8656**	**8663**	**8663**	**8663**	**8670**	**8670**	**8677**	**8684**	**8684**	**8670**	**8670**	**8670**	**8670**	**8670**	**8670**	**8670**	**8670**
Ave.	**142834**	**142773**	**142828**	**142792**	**143158**	**145496**	**145978**	**146113**	**146179**	**146283**	**146465**	**146549**	**146610**	**146625**	**146623**	**146624**	**146618**	**146666**	**146966**	**147261**	**147326**	**147502**	**148087**	**148426**	**148729**	**148978**	**149303**	**149499**	**149695**	**149832**	**149920**

METRO BAKERSFIELD CANALS

N
W E
S

#5 DITCH
#4 DITCH
#1 DITCH
RRID MAIN CANAL
CALLOWAY CANAL
FRIANT-KERN CANAL
PUMP STATION "A"
BEARDSLEY CANAL
BEARDSLEY RIVER WEIR
FIRST POINT OF MEASUREMENT
ROCKY POINT WEIR
CALLOWAY RIVER WEIR
FOUR WEIRS
LEVEE #1
KCWA WATER TREATMENT PLANT
Highway 178
CARRIER CANAL
RIVER CANAL WEIR
ARVIN-EDISON TURNOUT
KERN ISLAND CANAL
EASTSIDE CANAL
ROSEDALE CHANNEL
BELLEVUE WEIR
PIONEER INLET TO CVC
CROSS VALLEY CANAL
PIONEER EXTENSION
LAKE OHSHUH
LAKE XAHLY
TRUXTUN LAKES
Highway 58
K.I. EAST BRANCH
STINE CANAL
McCLUNG WEIR
BERRENDA MESA PIPELINE TURNOUT
THE PARK AT RIVER WALK
RIVER CANAL
K. I. CENTRAL BRANCH
Kern Water Bank Canal
2800 ACRE RECHARGE FACILITY
ALTERNATE 2ND POINT
SEC. 15 DITCH
SEC. 23 DITCH
Highway 99
SECOND POINT OF MEASUREMENT
ALEJANDRO CANAL
ARVIN-EDISON CANAL
BUENA VISTA CANAL
STINE BRANCH 2
KERN ISLAND BRANCH 1
KERN ISLAND MAIN BRANCH
HIRSCHFIELD DITCH
FARMERS CANAL
Interstate 5

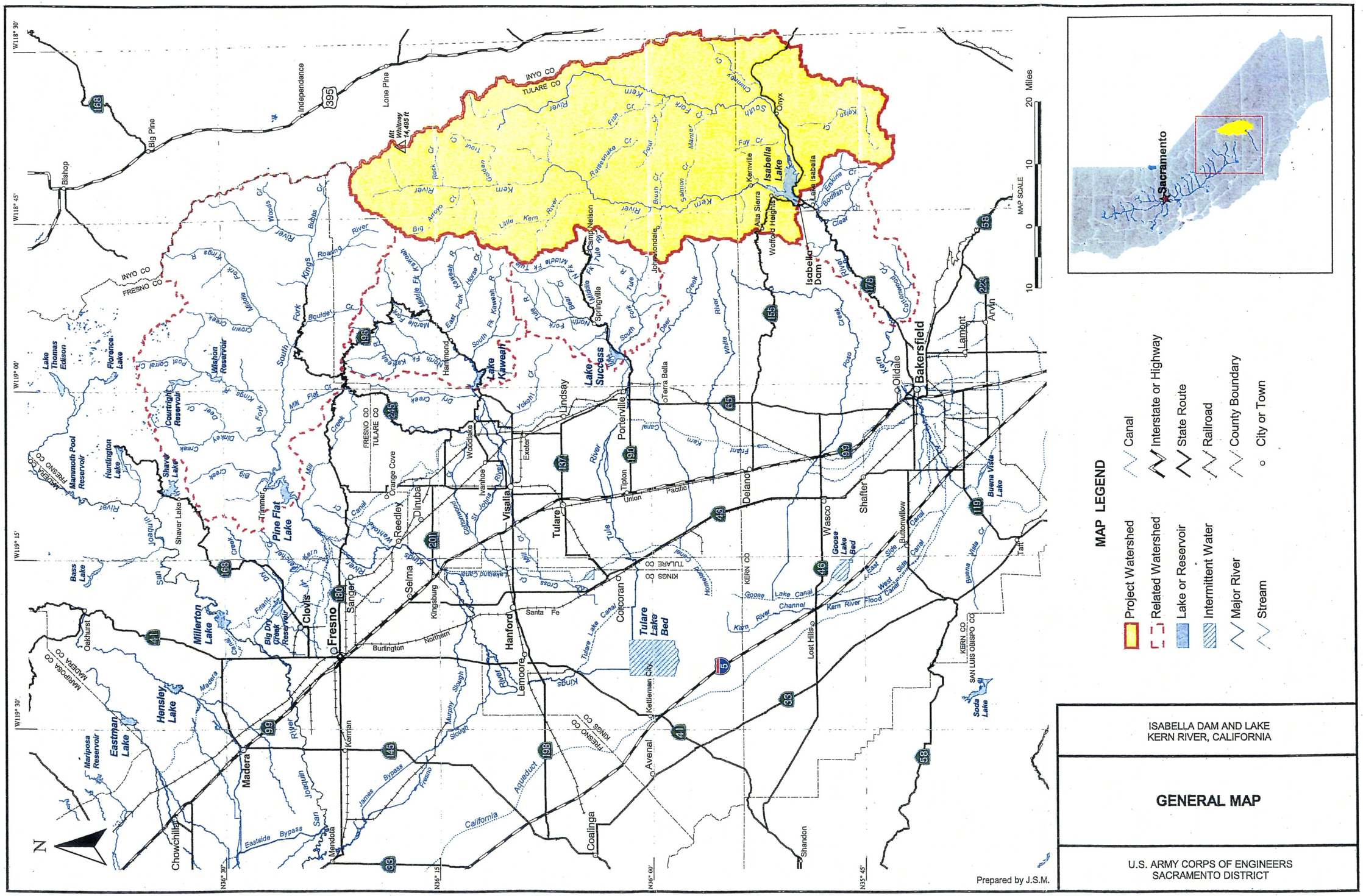
- KERN RIVER : 326-3716
- KERN DELTA CANALS : 834-4656
- ARVIN-EDISON CANAL : 854-5573
- CROSS VALLEY CANAL : 634-1400
- NORTH KERN CANALS : 393-2696
- FRIANT-KERN CANAL : 559-562-6305
- ROSEDALE RBWSD : 589-6045
- BUENA VISTA WSD : 324-1101



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ISABELLA DAM AND LAKE
KERN RIVER, CALIFORNIA

GENERAL MAP

U.S. ARMY CORPS OF ENGINEERS
SACRAMENTO DISTRICT

Revised Apr 2006 SHEET 1 OF 2 PLATE 2-1

CITY OF BAKERSFIELD - WATER RESOURCES

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