

Kern River



2006



Prepared for:

Colin Pearce

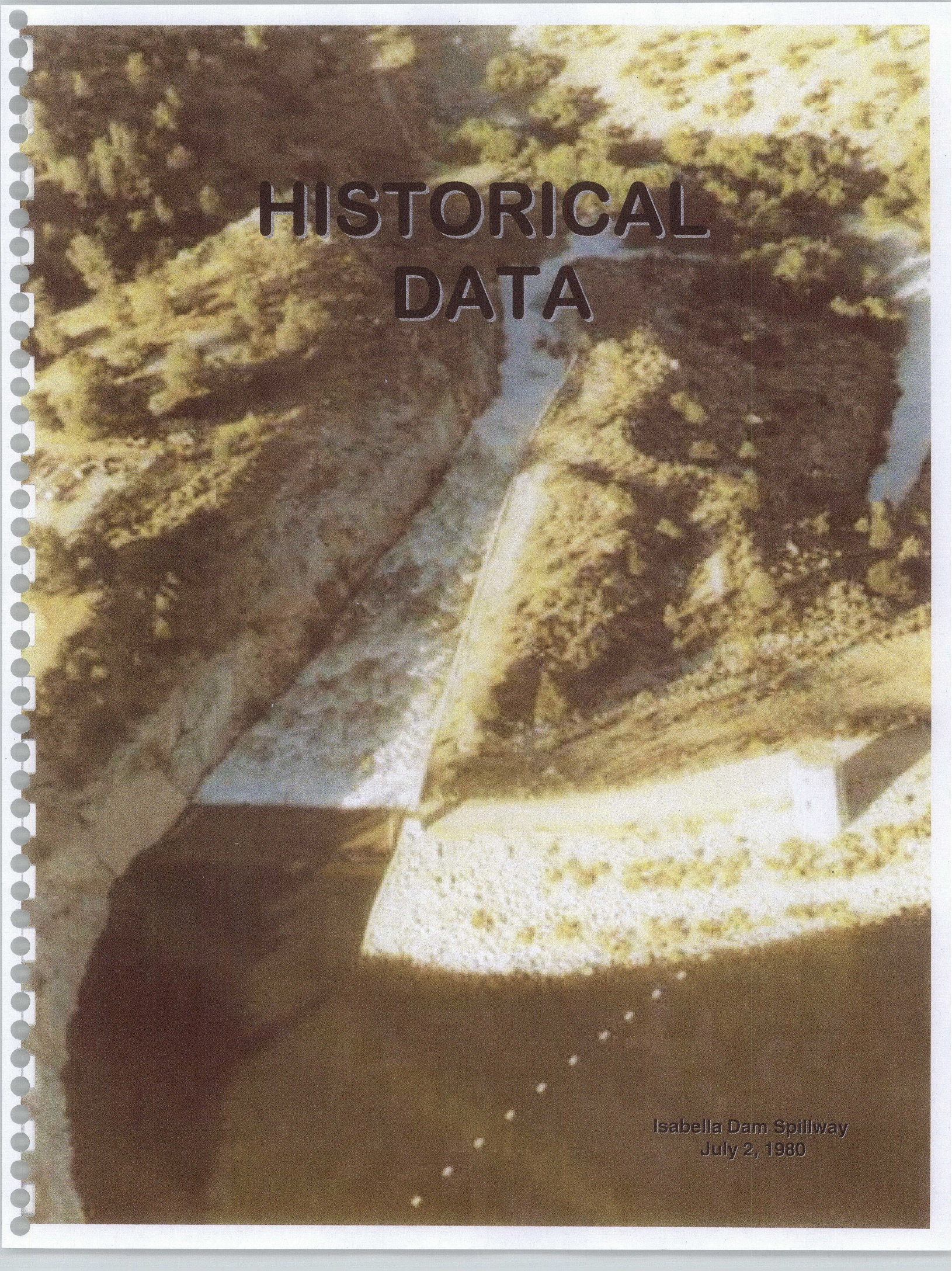
**Kern River North Fork
above Fairview Dam**

2006
HYDROGRAPHIC ANNUAL REPORT

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Front Cover Photo: John Ryan, City of Bakersfield Water Resources Department
Back Cover Photo: Gregory Iger, Iger Studio

An aerial photograph of a dam spillway. The spillway is a long, narrow concrete structure with a textured surface, extending from the bottom center towards the top right. Water is flowing over the spillway, creating a white, turbulent flow. The surrounding area is a mix of brown and green, suggesting a natural, possibly wooded or brush-covered, landscape. The overall tone is somewhat muted, with a lot of brown and tan colors.

HISTORICAL DATA

Isabella Dam Spillway
July 2, 1980

**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	39,916	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	--	--	--	--
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	2,208	172	737
	mean s.f.d.	809	1,252	1,374	2,724	4,369	2,906	1,482	629	344	327	346	403	--	--	--	--
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	76,566	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	166	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	34,760	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	--	--	--	--
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	--	--	--	--
1909	acre-feet	118,441	125,050	128,649	247,402	382,617	394,066	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	6,823	3,169	1,077	730	508	577	1,176	--	11,870	295	2,540
1910	acre-feet	73,523	48,904	85,065	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	--	4,947	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-foot	38,241	53,944	80,166	138,113	184,481	222,076	156,498	45,880	25,222	25,422	21,891	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-foot	23,320	21,302	28,090	37,246	80,471	100,925	33,170	16,653	10,899	11,772	11,804	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-foot	13,019	15,731	25,191	42,494	73,551	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-foot	116,541	62,575	102,739	144,934	210,676	201,064	128,338	55,127	25,240	24,482	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-foot	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-foot	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-foot	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-foot	18,918	18,559	48,087	74,513	78,722	136,753	44,828	20,807	17,562	32,555	22,160	25,039	638,503	--	--	--
	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-foot	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-foot	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-foot	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-foot	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-foot	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-foot	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-foot	17,992	26,333	31,299	56,408	102,016	96,252	58,437	25,938	11,405	12,906	12,906	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-foot	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-foot	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-foot	18,452	17,818	32,668	37,757	76,985	60,344	18,716	9,189	6,583	8,792	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-foot	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-foot	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	6,960	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	--	3,789	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	11,952	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	155	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	588	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	159,956	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	36,709	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	482	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	28,863	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	--	6,288	171	914

**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	66,695	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	36,531	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	36,655	10,979	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	1,653,506	--	--	--
	mean s.f.d.	788	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	55,068	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	66,817	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	199,748	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	599	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	71,949	49,823	21,378	13,010	10,213	10,824	10,707	10,949	397,038	--	--	--
	mean s.f.d.	259	424	1,097	1,556	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	6,428	8,834	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	46,932	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	12,754	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	--	10,827	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

**KERN RIVER AT FIRST POINT OF MEASUREMENT
HISTORICAL MONTHLY NATURAL FLOWS**

YEAR: 2006

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	37,790	43,641	65,866	99,611	157,896	140,008	72,714	31,374	18,418	17,432	20,241	27,687	732,678
Mean Monthly Flow (second foot days)	615	779	1,071	1,674	2,568	2,353	1,183	510	310	284	340	450	1,011
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	10,931	9,215	14,221	23,391	25,630	14,069	8,225	5,881	5,494	6,817	8,241	9,148	
Year of Occurrence	1991	1991	1961	1977	1977	1924	1924	1924	1924	1931	1931	1990	
Number Months of Record	113	113	113	113	113	113	113	113	113	114	114	114	
Cumulative Monthly Flow	4,270,244	4,931,483	7,442,843	11,256,003	17,842,278	15,820,938	8,216,676	3,545,210	2,081,274	1,987,304	2,307,436	3,156,363	
Median Monthly Flow	23,972	31,860	48,436	76,036	121,726	112,155	48,232	21,862	13,970	14,471	16,022	19,654	548,396
Median Monthly Flow (second foot days)	390	569	788	1,278	1,980	1,885	784	356	235	235	269	320	757

MEAN APRIL - JULY RUNOFF TO DATE = 470,229 AcFt
 MEDIAN APRIL - JULY RUNOFF TO DATE = 358,149 AcFt

MEAN MARCH - OCTOBER RUNOFF TO DATE = 603,319 AcFt
 MEDIAN MARCH - OCTOBER RUNOFF TO DATE = 456,888 AcFt

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

Acre-foot Quantities In order of Magnitude

Year: 2006

YEAR	APR	MAY	JUN	JUL	TOTAL	% OF AVERAGE	YEAR	APR	MAY	JUN	JUL	TOTAL	% OF AVERAGE	
1961	24,137	29,980	24,305	8,952	87,374	19%	1954	101,203	139,719	73,553	39,642	354,117	75%	
1962	28,540	41,722	14,069	8,225	92,556	20%	1905	62,047	117,748	132,766	53,835	366,396	78%	
1963	23,391	25,630	35,655	10,973	95,649	20%	1906	57,864	86,174	186	82,760	372,922	79%	
1964	23,440	41,867	24,262	8,493	98,062	21%	1907	46,602	147,001	140,660	51,917	396,180	82%	
1965	25,924	47,151	20,930	14,749	108,754	23%	1908	107,403	109,904	128,853	43,436	389,596	83%	
1966	32,019	38,600	29,345	13,380	113,344	24%	1909	109,658	155,476	85,860	39,733	390,747	83%	
1967	39,919	43,065	21,820	11,341	116,145	25%	1910	74,315	132,097	139,222	53,365	398,989	85%	
1968	28,288	40,566	38,531	14,936	127,720	27%	1911	80,223	150,109	115,862	59,197	405,391	86%	
1969	42,248	45,213	32,809	15,033	135,303	29%	1912	102,079	164,985	106,112	46,733	419,859	89%	
1970	39,584	58,350	43,140	20,969	162,043	34%	1913	136,241	146,799	93,114	77,046	423,132	90%	
1971	46,272	58,336	47,161	16,683	168,472	36%	1914	83,370	158,904	137,840	41,395	424,293	90%	
1972	55,448	74,394	32,987	16,324	179,153	38%	1915	80,916	124,506	172,324	50,699	430,813	92%	
1973	61,521	64,658	23,803	23,003	182,928	39%	1916	80,043	131,980	149,357	77,496	455,242	97%	
1974	46,489	67,224	56,223	21,068	191,004	41%	1917	69,412	137,839	163,944	95,288	456,668	97%	
1975	37,757	76,885	60,344	18,716	193,702	41%	1918	118,175	196,465	145,503	105,384	476,579	101%	
1976	28,102	68,295	76,366	22,703	215,307	46%	1919	147,463	135,884	157,253	50,471	510,614	109%	
1977	50,517	84,508	57,685	17,201	209,911	45%	1920	100,362	184,721	161,153	74,874	515,474	110%	
1978	55,236	73,561	56,146	24,918	211,408	45%	1921	112,586	150,036	178,754	75,481	521,717	111%	
1979	42,494	75,108	60,738	34,929	211,222	45%	1922	97,553	159,683	168,876	99,529	522,905	111%	
1980	53,133	51,353	79,178	30,046	213,710	45%	1923	111,273	154,742	166,404	94,013	526,432	112%	
1981	58,888	69,891	63,775	22,703	215,307	46%	1924	114,113	183,733	167,740	69,580	535,166	114%	
1982	39,064	85,995	63,487	30,986	219,532	47%	1925	126,329	165,062	187,638	81,275	560,304	119%	
1983	66,779	82,336	45,431	23,347	219,893	47%	1926	142,909	214,290	142,358	71,919	571,476	122%	
1984	64,197	78,343	56,378	23,084	222,002	47%	1927	157,290	219,404	137,028	67,902	581,624	124%	
1985	37,567	69,544	86,660	31,014	224,785	48%	1928	83,190	186,446	197,922	114,613	582,041	124%	
1986	53,506	67,851	82,824	28,401	232,582	48%	1929	138,993	200,664	167,400	87,414	597,350	127%	
1987	66,079	98,598	49,530	18,575	232,782	50%	1930	205,509	200,864	169,002	91,593	597,350	127%	
1988	91,380	71,849	49,823	21,378	234,430	50%	1931	147,959	225,259	154,883	70,502	599,331	127%	
1989	43,976	86,108	78,565	31,331	239,980	51%	1932	84,407	242,259	202,395	88,649	617,710	131%	
1990	52,661	66,635	82,707	42,472	244,475	52%	1933	173,393	281,639	137,393	61,837	654,262	139%	
1991	65,584	87,991	64,054	30,690	248,319	53%	1934	197,720	199,950	183,995	97,083	678,748	144%	
1992	60,353	110,325	57,778	21,116	249,572	53%	1935	162,071	210,676	128,338	88,502	685,012	146%	
1993	58,249	124,417	43,033	24,593	250,292	53%	1936	198,736	254,785	155,650	88,011	694,729	148%	
1994	37,246	80,471	100,925	33,170	251,812	54%	1937	138,113	184,481	222,076	166,498	701,168	149%	
1995	55,843	95,199	68,733	32,852	252,627	54%	1938	110,892	286,652	230,390	93,834	723,768	154%	
1996	69,320	91,914	65,817	25,630	252,681	54%	1939	208,119	288,847	132,119	129,182	788,500	169%	
1997	79,320	79,418	60,305	41,851	260,894	55%	1940	147,043	309,409	232,520	106,756	796,728	169%	
1998	48,914	85,039	88,990	38,941	261,884	56%	1941	212,963	254,985	198,748	130,098	796,794	169%	
1999	92,136	92,253	58,400	25,480	268,269	57%	1942	168,105	316,974	230,866	115,724	831,689	177%	
2000	58,092	79,763	100,423	38,265	276,543	59%	1943	183,505	352,050	225,395	91,097	852,047	181%	
2001	38,644	79,355	132,359	41,988	292,346	62%	1944	208,147	293,333	263,794	121,398	886,674	189%	
2002	88,974	98,801	64,564	43,061	295,400	63%	1945	96,509	269,631	311,063	243,802	924,005	197%	
2003	57,265	60,026	125,395	56,898	299,584	64%	1946	143,244	255,046	237,129	99,221	929,221	198%	
2004	76,155	98,483	90,367	34,901	299,906	64%	1947	291,880	315,044	291,880	130,917	961,769	205%	
2005	67,398	129,406	81,396	28,306	306,496	65%	1948	211,608	287,825	309,960	208,715	991,025	211%	
2006	56,408	102,016	96,252	59,427	313,113	67%	1949	124,616	386,666	309,960	174,416	995,057	212%	
1904	59,812	113,205	103,904	39,725	316,646	67%	1950	181,700	363,157	354,825	194,693	1,094,375	233%	
1905	63,513	100,096	95,700	50,138	319,408	68%	1951	222,633	434,769	302,557	159,856	1,119,815	238%	
1906	51,793	100,096	120,387	49,119	321,325	68%	1952	371,835	308,440	371,835	267,435	1,137,373	243%	
1907	56,146	113,472	118,383	37,075	329,076	69%	1953	247,402	362,617	394,086	194,870	1,219,975	259%	
1908	70,730	86,019	103,164	69,657	329,570	70%	1954	380,234	360,234	468,418	399,841	1,391,636	296%	
1909	73,355	120,849	82,528	55,600	332,532	71%	1955	478,625	478,625	571,846	288,866	1,545,810	329%	
1910	74,513	78,722	136,753	44,828	334,816	71%	1956	481,749	472,994	391,700	225,154	1,571,597	334%	
1911	86,574	140,215	81,844	34,364	342,997	73%	1957	378,333	617,968	496,796	254,777	1,747,874	372%	
1912	71,042	103,787	133,634	42,184	350,647	75%								
1913	102,863	127,733	79,464	42,046	352,126	75%								
MAXIMUM								481,749	617,968	571,846	399,841	1,747,874		
MINIMUM								23,391	25,630	14,069	8,225	87,374		
AVERAGE								99,611	157,896	140,008	72,714	470,229		

Year: 2006

Kern River Mean Natural Flow at First Point of Measurement
(1893 to Date)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	473	733	868	1,308	2,141	2,750	1,705	726	368	300	291	353
2	524	700	897	1,313	2,171	2,722	1,685	703	364	297	288	364
3	615	658	971	1,331	2,214	2,710	1,658	684	361	294	286	375
4	513	614	948	1,346	2,278	2,699	1,628	667	352	291	283	393
5	505	614	976	1,372	2,324	2,705	1,570	641	365	284	285	495
6	482	670	940	1,393	2,361	2,708	1,526	625	369	291	285	1,072
7	475	794	901	1,410	2,386	2,699	1,479	610	345	282	288	517
8	479	742	918	1,435	2,426	2,662	1,434	596	333	287	360	428
9	482	783	1,001	1,461	2,465	2,607	1,392	581	322	288	380	435
10	512	753	1,042	1,486	2,492	2,583	1,351	571	312	284	321	444
11	531	690	1,048	1,580	2,496	2,544	1,301	561	307	282	322	454
12	567	707	1,003	1,596	2,497	2,522	1,264	549	311	279	318	437
13	577	814	1,009	1,591	2,523	2,504	1,234	524	301	278	311	415
14	668	805	1,020	1,610	2,553	2,468	1,210	505	290	274	315	390
15	591	798	995	1,633	2,581	2,435	1,172	503	289	274	310	388
16	603	774	1,033	1,675	2,602	2,385	1,146	495	285	275	310	384
17	591	797	1,055	1,693	2,630	2,351	1,113	484	283	281	319	386
18	657	895	1,113	1,722	2,666	2,308	1,086	480	281	280	333	378
19	629	895	1,105	1,763	2,705	2,267	1,054	477	276	279	459	371
20	592	886	1,099	1,810	2,708	2,231	1,028	464	276	282	410	369
21	599	833	1,137	1,853	2,709	2,196	994	445	277	280	366	376
22	688	837	1,127	1,889	2,718	2,161	965	429	276	276	377	405
23	706	857	1,143	1,903	2,710	2,115	950	419	275	276	363	530
24	713	830	1,147	1,919	2,720	2,054	948	405	274	275	383	481
25	943	831	1,191	1,940	2,743	1,999	907	395	290	273	385	484
26	918	828	1,214	1,974	2,789	1,936	877	383	329	281	362	460
27	768	832	1,247	2,001	2,798	1,891	856	382	305	285	376	494
28	720	828	1,258	2,047	2,801	1,842	826	383	288	286	370	469
29	640	857	1,259	2,064	2,812	1,793	793	382	293	286	360	456
30	617	-	1,254	2,102	2,802	1,741	769	377	289	292	389	500
31	674	-	1,288	-	2,785	-	739	371	-	297	-	456
TOTAL	19,052	22,003	33,207	50,220	79,606	70,588	36,660	15,817	9,286	8,789	10,205	13,959
MAXIMUM DAY	943	895	1,288	2,102	2,812	2,750	1,705	726	369	300	459	1,072
MINIMUM DAY	473	614	868	1,308	2,141	1,741	739	371	274	273	283	353
MEAN	615	779	1,071	1,674	2,568	2,353	1,183	510	310	284	340	450
TOTAL AC. FT.	37,790	43,641	65,866	99,611	157,896	140,008	72,714	31,374	18,418	17,432	20,241	27,687
WHOLE YEAR:-	TOTAL,	369,392	MAX.,	2,812	MIN.,	273	MEAN,	1,011	TOTAL AC.FT.,	732,678		

Year: 2006

Kern River Median Natural Flow at First Point of Measurement
(1893 to Date)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	353	442	633	1,058	1,621	2,196	1,281	502	263	232	245	285
2	347	441	635	1,044	1,655	2,219	1,142	469	257	231	258	283
3	359	452	647	1,044	1,661	2,218	1,130	472	257	227	253	303
4	356	461	650	1,045	1,717	2,238	1,115	475	265	238	252	315
5	355	473	700	1,085	1,765	2,184	1,069	434	257	227	257	318
6	375	480	675	1,120	1,723	2,151	1,041	426	259	224	252	322
7	373	492	653	1,198	1,708	2,409	969	412	257	230	256	317
8	381	523	662	1,199	1,765	2,324	917	417	248	231	257	313
9	389	541	668	1,229	1,880	2,255	905	388	246	231	259	310
10	368	554	642	1,241	1,919	2,197	856	381	247	230	265	304
11	388	550	656	1,188	1,903	2,275	826	367	247	225	263	311
12	390	564	671	1,228	1,905	2,284	823	359	244	226	268	312
13	393	588	623	1,215	2,002	2,189	825	366	234	231	269	316
14	394	570	694	1,249	1,947	2,184	814	349	225	229	272	319
15	376	539	724	1,177	1,941	2,069	770	340	232	230	271	319
16	385	579	726	1,217	1,906	1,954	731	346	238	230	269	327
17	378	612	740	1,235	2,061	1,842	719	331	230	234	269	323
18	380	609	767	1,265	2,147	1,801	717	326	226	237	276	310
19	385	597	852	1,296	2,141	1,683	684	321	220	246	281	315
20	401	591	880	1,322	2,073	1,602	701	312	218	245	283	318
21	393	575	906	1,360	2,026	1,570	681	306	221	240	268	310
22	406	572	891	1,405	2,122	1,609	634	299	223	236	275	320
23	402	573	888	1,430	2,074	1,534	608	312	218	236	283	331
24	418	580	879	1,467	2,114	1,439	596	308	212	234	288	328
25	420	599	921	1,463	2,146	1,439	600	299	211	237	290	334
26	397	605	989	1,515	2,114	1,431	575	285	222	243	286	324
27	408	623	999	1,485	2,169	1,333	550	305	215	250	276	333
28	415	636	995	1,511	2,268	1,301	526	280	216	248	274	341
29	419	642	986	1,504	2,294	1,346	510	281	214	249	281	348
30	433	-	1,024	1,540	2,331	1,269	519	280	221	242	282	346
31	449	-	1,044	-	2,272	-	483	274	-	247	-	354
TOTAL	12,086	16,063	24,420	38,335	61,370	56,545	24,317	11,022	7,043	7,296	8,078	9,909
MAXIMUM DAY	449	642	1,044	1,540	2,331	2,409	1,281	502	265	250	290	354
MINIMUM DAY	347	441	623	1,044	1,621	1,269	483	274	211	224	245	283
MEAN	390	569	788	1,278	1,980	1,885	784	356	235	235	269	320
TOTAL AC. FT.	23,972	31,860	48,436	76,036	121,726	112,155	48,232	21,862	13,970	14,471	16,022	19,654
WHOLE YEAR:-	TOTAL,	276,484	MAX.,	2,409	MIN.,	211	MEAN,	757	TOTAL AC.FT.,	548,396		

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	39,880	22,114	14,450	17,500	17,595	510,320
1955	19,795	22,058	34,671	38,874	48,188	72,196	38,874	43,259	43,259	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	445,659
1958	19,137	28,175	42,125	78,472	131,421	181,305	167,890	143,722	61,519	49,825	26,085	18,825	967,511
1959	20,811	20,991	27,767	29,936	27,463	29,936	59,817	22,689	8,700	9,786	14,254	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	177,083
1962	13,121	27,435	44,838	95,445	87,187	112,437	113,316	40,778	26,184	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	68,688	64,828	31,174	23,044	676,237
1964	20,356	21,152	28,532	27,485	28,451	76,268	71,078	10,989	8,852	10,989	14,259	22,879	361,624
1965	35,784	35,907	41,363	39,399	61,313	85,934	96,236	75,497	52,397	47,220	34,356	28,877	634,303
1966	29,976	22,752	50,933	44,634	37,289	67,466	68,338	51,110	19,535	14,739	15,285	82,447	504,506
1967	146,180	40,516	57,923	82,732	190,249	200,743	183,566	240,164	146,509	85,002	56,799	35,482	1,465,865
1968	33,088	36,284	44,904	45,035	82,337	88,046	82,337	56,564	13,886	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	62,489	60,101	55,698	86,904	94,112	86,421	35,667	21,285	18,228	15,944	601,254
1971	25,978	35,520	48,589	30,809	31,950	57,322	82,128	64,643	23,520	12,184	12,889	17,169	442,851
1972	14,690	31,789	14,380	18,778	17,431	18,778	32,951	31,579	11,560	10,286	12,460	16,524	311,291
1973	21,366	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	108,093	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	15,213	15,311	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	10,051	14,380	15,925	14,380	17,431	18,778	32,951	31,579	11,560	10,286	12,460	16,524	200,702
1978	26,132	50,285	49,222	149,450	266,073	236,549	198,567	146,660	73,234	93,098	70,927	30,458	1,390,675
1979	35,549	31,793	45,303	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	28,638	1,560,852
1981	26,482	27,013	40,594	41,768	46,348	76,405	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	387,506	176,194	163,814	117,233	97,616	90,549	2,381,575
1984	84,280	96,998	68,614	49,793	67,327	110,785	110,785	96,734	41,726	41,726	47,770	834,036	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	868,871
1986	31,277	39,039	95,946	172,221	205,204	233,197	193,767	141,114	67,569	82,792	46,227	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	20,789	26,906	35,036	33,769	31,815	50,985	60,468	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	31,129	30,030	21,519	6,885	8,979	8,037	8,925	219,501
1991	10,627	9,112	27,814	29,937	30,539	62,997	63,954	48,196	12,480	11,353	13,381	14,394	333,494
1992	13,593	20,711	25,451	25,777	33,548	38,600	40,967	31,929	10,185	7,769	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	166,960	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	63,362	142,831	159,678	95,933	120,789	133,315	133,724	108,462	55,240	42,278	46,977	31,894	1,133,463
1998	46,636	93,987	132,317	239,423	284,408	284,408	239,607	200,713	114,224	89,960	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	20,472	10,848	16,203	461,621
2000	19,946	23,320	33,834	46,580	49,204	81,023	83,859	59,577	26,533	20,340	12,260	16,260	472,536
2001	13,936	17,643	29,679	29,679	41,423	73,624	61,618	42,432	21,410	15,968	13,259	18,793	375,769
2002	25,339	19,898	26,465	26,300	34,740	54,714	58,163	46,317	16,197	16,197	20,165	23,694	379,627
2003	28,584	20,966	24,889	25,548	41,952	68,752	83,336	68,297	37,192	29,364	12,754	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	34,485	33,256	36,881	38,928	86,217	191,024	188,997	137,561	78,594	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
MAXIMUM	146,180	142,831	237,265	378,817	370,706	419,760	387,506	240,164	153,814	117,233	101,403	90,549	2,381,575
MINIMUM	10,627	9,112	14,017	16,318	16,780	19,321	25,222	21,316	6,885	7,267	8,037	8,925	177,083
AcF TOTAL	1,613,061	1,903,081	2,742,011	3,451,516	4,628,690	6,159,976	5,943,788	4,469,421	2,304,822	1,834,080	1,479,837	1,345,502	37,876,785
AcF AVERAGE	30,435	36,907	51,736	65,123	87,334	116,226	112,147	84,329	43,487	34,605	27,921	25,387	714,637
S.F.D. AVERAGE	495	641	841	1,094	1,420	1,953	1,824	1,371	731	563	469	413	985
% OF TOTAL	4.26%	5.03%	7.24%	9.11%	12.22%	16.26%	15.69%	11.80%	6.09%	4.84%	3.91%	3.55%	100.00%

Year: 2006

Kern River Mean Regulated Flow at First Point of Measurement
(1954 to Date)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	462	534	781	936	1,282	1,621	1,955	1,578	921	656	471	429
2	470	548	772	956	1,306	1,670	1,913	1,555	899	665	464	404
3	458	564	778	960	1,308	1,720	1,912	1,563	881	650	464	391
4	458	568	790	959	1,345	1,773	1,882	1,556	868	638	468	396
5	460	567	789	966	1,351	1,810	1,908	1,564	845	632	470	407
6	462	578	786	963	1,349	1,835	1,927	1,572	820	652	474	479
7	465	579	794	982	1,340	1,871	1,933	1,551	800	624	470	412
8	460	581	794	1,012	1,366	1,895	1,944	1,532	782	613	473	403
9	454	670	792	1,042	1,383	1,919	1,941	1,544	762	613	478	399
10	451	649	813	1,060	1,383	1,931	1,916	1,543	750	603	478	392
11	451	614	838	1,073	1,368	1,941	1,895	1,535	742	584	490	389
12	459	611	814	1,084	1,381	1,959	1,889	1,507	728	555	487	400
13	466	627	823	1,089	1,385	1,978	1,873	1,482	719	554	491	398
14	469	647	816	1,099	1,381	2,000	1,882	1,458	718	551	474	394
15	473	639	835	1,115	1,366	2,006	1,884	1,446	711	541	469	400
16	496	631	840	1,116	1,374	2,031	1,868	1,436	707	531	472	396
17	496	630	847	1,118	1,370	2,082	1,834	1,406	702	517	476	403
18	505	638	836	1,121	1,393	2,096	1,801	1,409	687	526	468	420
19	513	651	836	1,135	1,416	2,094	1,788	1,375	674	530	470	418
20	510	688	854	1,129	1,455	2,065	1,755	1,341	667	535	470	413
21	507	686	874	1,134	1,474	2,077	1,787	1,312	663	537	472	411
22	497	699	880	1,144	1,488	2,090	1,770	1,265	665	528	465	411
23	503	732	888	1,160	1,504	2,075	1,762	1,240	665	527	455	406
24	539	726	894	1,178	1,510	2,088	1,740	1,216	660	526	442	413
25	559	710	893	1,186	1,509	2,068	1,721	1,183	656	529	456	412
26	580	714	896	1,200	1,499	2,031	1,716	1,141	652	522	464	413
27	566	723	904	1,217	1,504	1,973	1,706	1,111	650	515	462	428
28	544	738	905	1,214	1,510	1,953	1,686	1,081	645	507	466	436
29	531	645	892	1,224	1,536	1,979	1,669	1,043	653	506	459	434
30	536	-	909	1,261	1,575	1,966	1,659	1,005	633	499	459	440
31	544	-	921	-	1,620	-	1,625	966	-	481	-	452
TOTAL	15,344	18,103	26,084	32,833	44,031	58,597	56,541	42,516	21,925	17,447	14,077	12,799
MAXIMUM INSTANT.	3,331	8,280	5,691	7,394	6,675	7,576	7,327	4,694	3,126	7,000	2,275	9,289
MINIMUM INSTANT.	102	67	143	86	223	215	349	84	64	40	66	22
MEAN	495	641	841	1,094	1,420	1,953	1,824	1,371	731	563	469	413
TOTAL AC. FT.	30,435	35,907	51,736	65,123	87,334	116,226	112,147	84,329	43,487	34,605	27,921	25,387
WHOLE YEAR:-	TOTAL,	360,297	MAX.,	9,289	MIN.,	22	MEAN,	985	TOTAL AC.FT.,	714,637		

**ACCRETIONS TO KERN RIVER BELOW ISABELLA DAM
APRIL 1954 TO DATE**

Year: 2006

Quantities in acre-feet except where noted...

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1954				4,038	2,977	1,479	3,897	2,559	514	626	966	1,870	19,331
1955	2,358	1,921	1,821	2,386	1,390	3,298	1,929	402	(314)	651	1,065	2,524	31,774
1956	5,828	1,732	2,448	2,860	2,366	1,406	2,347	3,061	1,119	5,799	1,356	1,452	9,425
1957	2,114	886	1,097	1,69	397	1,251	918	1,114	(369)	48	1,168	1,289	34,677
1958	1,494	2,918	6,644	14,550	4,681	(801)	(4,348)	5,125	1,735	222	1,168	1,289	7,997
1959	1,299	1,068	1,544	1,073	540	(936)	3,318	1,119	(383)	(880)	438	797	14,397
1960	1,071	2,739	1,633	1,581	92	1,601	1,311	1,569	1,49	502	1,060	1,099	8,308
1961	1,085	6,284	5,125	7,050	4,778	2,709	2,271	1,753	633	1,041	835	816	34,380
1962	1,005	2,190	1,900	1,827	3,626	1,339	2,855	4,520	2,424	2,710	2,045	1,986	26,577
1963	1,692	472	2,378	3,237	1,275	2,408	1,793	577	346	432	926	2,729	19,265
1964	3,172	1,460	2,608	4,776	811	(367)	151	(2,100)	(46)	1,941	1,036	2,285	15,727
1965	2,298	997	1,303	2,095	803	(63)	1,229	1,932	(58)	1,214	1,740	14,810	28,288
1966	3,856	3,320	3,094	3,945	1,998	7,531	5,736	10,549	1,517	1,286	2,619	2,688	48,149
1967	1,870	1,300	1,400	1,224	1,383	1,757	2,220	1,993	418	936	1,687	2,428	18,616
1968	19,079	17,945	23,687	40,391	20,384	11,064	18,659	17,163	5,750	2,480	2,457	3,381	182,440
1969	4,742	2,450	3,028	1,168	186	2,916	869	1,434	739	685	2,794	1,814	22,795
1970	2,309	1,547	1,202	1,459	2,154	1,500	707	211	156	166	785	1,853	14,671
1971	1,634	1,204	975	1,003	501	844	222	42	16	777	222	1,075	8,473
1972	3,146	4,182	7,686	7,394	6,123	3,811	1,882	3,879	4,168	1,982	1,890	2,699	48,842
1973	4,393	2,003	5,145	6,054	1,704	1,011	817	2,357	3,055	2,717	2,303	2,894	34,463
1974	704	1,299	2,925	2,641	4,023	2,265	1,565	55	699	497	189	746	17,608
1975	1,646	1,503	1,373	1,562	386	1,675	833	821	1,914	1,679	1,172	1,120	15,684
1976	4,577	26,353	12,041	11,512	11,745	4,945	7,597	736	2,682	1,438	2,039	1,656	87,321
1977	1,724	3,158	5,330	2,675	1,718	494	(415)	234	516	1,428	476	1,544	18,882
1978	1,471	9,429	8,860	7,525	3,543	7,595	9,802	8,239	(86)	2	(68)	1,426	63,091
1979	2,861	1,313	2,041	1,858	1,129	140	148	1,786	958	764	459	1,798	15,255
1980	3,805	3,501	7,352	10,277	1,973	3,985	5,471	3,876	1,128	1,256	1,897	4,141	48,562
1981	6,887	17,322	37,912	24,107	12,710	4,711	3,097	2,414	7,484	6,473	5,718	9,390	136,195
1982	7,549	5,329	5,418	3,381	2,701	2,213	4,495	3,970	1,434	328	1,460	3,897	42,175
1983	3,759	6,340	3,865	2,714	(625)	(593)	2,697	517	279	1,497	2,264	3,501	23,515
1984	3,734	6,350	8,619	9,540	9,416	13,375	13,989	11,019	2,280	2,850	2,957	2,182	86,331
1985	3,123	2,239	3,822	738	2,935	1,611	1,486	1,149	696	901	418	689	19,387
1986	764	1,228	(51)	1,188	2,049	1,464	(485)	100	534	415	1,042	870	5,610
1987	551	962	3,415	1,188	2,049	1,464	(716)	228	(3)	376	150	973	11,080
1988	1,471	1,278	1,669	42	298	59	(1,580)	662	170	571	763	1,300	6,269
1989	1,351	683	3,099	2,993	849	(236)	376	662	(66)	(26)	1,205	1,429	12,309
1990	2,297	1,800	1,996	1,196	(294)	(289)	16	267	352	(433)	308	1,183	7,258
1991	3,131	3,757	4,177	2,110	(1,854)	(1,528)	(638)	(1,789)	366	903	308	1,019	9,962
1992	604	1,351	446	226	(1,152)	(367)	258	746	(89)	208	537	1,435	4,203
1993	4,978	2,805	10,025	5,664	10,025	11,210	10,055	11,347	1,380	2,463	1,784	3,192	74,868
1994	3,627	10,773	8,346	4,362	7,908	3,906	2,628	2,405	531	716	1,360	5,573	52,135
1995	14,168	9,981	7,447	911	2,616	4,619	809	(1,658)	2,448	(1,509)	(1,397)	4,441	42,876
1996	5,482	34,907	24,539	25,855	30,900	25,533	16,059	12,476	4,730	(121)	155	3,425	183,940
1997	3,772	4,820	3,236	3,148	1,092	1,033	1,516	2,094	624	1,088	122	690	23,235
1998	1,637	2,000	3,112	517	(688)	(562)	543	1,896	(3)	803	801	12,491	12,491
1999	1,144	1,377	1,200	1,240	(807)	1,613	821	250	(385)	(428)	437	1,202	7,664
2000	2,359	1,163	1,307	514	(1,086)	(111)	1,145	757	(251)	(17)	2,010	1,860	9,640
2001	2,517	1,847	1,679	1,679	210	229	990	932	(260)	514	579	991	11,799
2002	1,185	1,411	1,513	71	(1,520)	(263)	224	(506)	(733)	288	50	804	3,747
2003	2,716	1,382	3,309	2,452	5,484	7,107	5,693	3,282	(733)	1,177	2,242	2,461	36,572
2004	3,850	1,468	3,793	3,684	12,458	9,856	6,413	1,972	885	1,247	132	404	46,142
2005	170,245	226,601	262,794	246,506	178,851	150,202	144,630	131,508	53,715	53,197	59,908	120,875	1,799,032
2006	19,079	34,907	37,912	40,391	30,900	25,533	18,659	17,163	7,454	6,473	5,718	14,810	183,940
Maximum	551	472	446	(51)	(1,854)	(1,528)	(4,348)	(2,100)	(733)	(1,509)	(1,397)	404	404
Minimum	3,274	4,358	5,054	4,651	3,375	2,834	2,729	2,481	1,013	1,004	1,130	2,261	34,183
Mean	53	78	82	78	55	48	44	40	17	16	19	37	47
Mean CFS													

MIDNIGHT STORAGE IN ACRE-FEET

Isabella Reservoir Daily Mean Storage (1954-2006)

Year: 2006

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	153,081	164,752	175,175	190,106	220,717	289,258	304,751	259,766	204,671	178,055	158,792	150,882
2	153,372	165,133	175,595	190,936	222,350	291,409	304,104	258,013	203,521	177,243	158,376	150,814
3	154,073	165,254	175,949	191,696	223,997	293,437	303,386	256,159	202,384	176,281	157,966	150,876
4	154,386	165,336	176,413	192,505	225,725	295,270	302,650	254,269	201,281	175,699	157,545	150,843
5	154,628	165,438	176,988	193,253	227,426	297,032	301,749	252,322	200,306	174,932	157,106	151,281
6	154,766	165,570	177,361	194,001	229,215	298,677	300,764	250,316	199,381	174,136	156,689	154,023
7	154,895	165,742	177,659	194,709	230,970	300,264	299,691	248,332	198,422	173,395	156,265	154,579
8	155,033	166,031	178,013	195,366	232,729	301,647	298,480	246,414	197,457	172,642	156,172	154,727
9	155,216	166,478	178,334	196,073	234,604	302,857	297,221	244,389	196,496	171,896	156,135	154,803
10	155,478	166,904	178,749	196,780	236,620	303,973	295,937	242,369	195,530	171,158	155,849	154,917
11	155,792	167,132	179,259	197,791	238,611	304,927	294,568	240,389	194,584	170,458	155,531	155,113
12	156,271	167,331	179,665	198,823	240,562	305,791	293,131	238,425	193,693	169,833	155,166	155,193
13	156,836	167,811	180,007	199,811	242,588	306,439	291,687	236,442	192,774	169,183	154,815	155,227
14	157,390	168,278	180,393	200,769	244,633	307,059	290,217	234,483	191,832	168,540	154,481	155,225
15	157,704	168,714	180,709	201,749	246,793	307,534	288,652	232,550	190,898	167,916	154,162	155,209
16	158,155	169,122	181,056	202,699	249,035	307,919	287,102	230,647	189,961	167,329	153,813	155,194
17	158,517	169,519	181,455	203,703	251,331	308,149	285,533	228,743	189,048	166,789	153,517	155,161
18	158,706	170,356	181,818	204,707	253,706	308,230	283,999	226,830	188,164	166,228	153,287	155,110
19	159,013	171,087	182,204	205,721	256,249	308,331	282,418	225,004	187,294	165,660	153,017	154,972
20	159,278	171,849	182,570	206,800	258,814	308,434	280,789	223,215	186,440	165,107	152,729	154,963
21	159,574	172,348	183,020	207,929	261,348	308,429	279,086	221,416	185,618	164,499	152,483	154,897
22	159,863	172,790	183,536	209,093	263,944	308,350	277,425	219,700	184,774	163,920	152,325	154,964
23	160,125	173,226	184,096	210,216	266,521	308,214	275,726	217,988	183,924	163,345	152,131	155,548
24	160,538	173,554	184,659	211,302	269,079	307,927	274,034	216,322	183,099	162,782	151,989	155,880
25	161,748	173,931	185,219	212,409	271,564	307,598	272,296	214,670	182,342	162,192	151,898	156,183
26	162,537	174,405	185,784	213,533	274,131	307,261	270,507	213,080	181,754	161,644	151,703	156,434
27	163,021	174,517	186,421	214,764	276,733	306,954	268,731	211,532	181,064	161,147	151,451	156,783
28	163,329	174,797	187,153	216,121	279,333	306,566	266,940	210,046	180,307	160,645	151,230	156,998
29	163,533	-	187,831	217,566	281,949	306,031	265,126	208,606	179,555	160,339	151,045	157,130
30	163,685	-	188,497	219,108	284,422	305,419	263,312	207,227	178,813	159,696	150,995	157,227
31	164,098	-	189,288	-	286,882	-	261,498	205,900	-	159,278	-	157,292
MAXIMUM DAY	164,098	174,797	189,288	219,108	286,882	308,434	304,751	259,766	204,671	178,055	158,792	157,292
MINIMUM DAY	153,081	164,752	175,175	190,106	220,717	289,258	261,498	205,900	178,813	159,278	150,995	150,814

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	38.5	30.3	78.1	131.8	41.0	12.5	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	44.5	44.5	58.0	7.9	45.5	8.4	279.3	773.9
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	686.7
1966	15.6	28.4	28.3	27.0	21.4	37.8	66.7	81.5	16.1	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	19.3	30.5	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	21.4	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	44.2	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	14.1	14.1	11.1	388.9
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	30.1	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	137.7	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	66.9	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
MEAN	16.9	20.1	30.5	39.4	43.6	63.1	92.7	156.5	139.6	73.5	32.8	19.9	728.7

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	4.77	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	0.40	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	0.00	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	2.26	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	0.00	0.00	1.16	0.00	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	5.64
1972-73	0.66	3.13	2.48	3.96	2.57	2.85	2.57	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	3.46	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	0.00	11.81
1979-80	0.95	0.38	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	1.71	1.71	0.03	0.00	0.00	0.16	0.00	0.15	9.18
1985-86	0.10	2.27	1.43	2.94	3.58	3.58	0.10	0.27	0.00	0.38	0.00	0.04	14.65
1986-87	0.24	0.54	0.27	2.65	2.03	1.88	0.42	0.42	0.00	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	0.56	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	2.04	1.09	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	2.75	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
AVERAGE	0.37	1.23	1.87	2.46	2.14	1.65	0.70	0.26	0.08	0.15	0.18	0.33	11.41
MAXIMUM	2.30	5.76	11.53	9.56	10.60	6.43	2.77	1.74	0.80	2.01	1.20	5.20	24.34
DAILY MAXIMUM	0.96	2.85	5.20	2.58	3.40	1.72	1.45	0.75	0.50	1.56	1.01	3.09	
DATE OF OCCURRENCE	10/17/63	11/20/50	12/05/66	01/09/05	02/01/60	03/04/91	04/02/74	05/26/99	06/08/72	07/20/06	08/09/63	09/30/76	

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	68.7	67.2	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	62.3	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	60.7	67.1	67.1	77.3	76.8	66.5	64.4	51.8	43.6	56.8
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	76.9	79.4	69.6	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	73.1	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	67.6	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	65.1	55.7	47.0	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	51.0	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	47.0	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	56.2
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	82.0	76.9	68.5	60.8	48.5	60.8
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	51.9	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	49.0	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
Normal	44.5	47.3	50.7	55.5	63.7	72.9	79.7	78.3	72.2	62.1	51.3	44.7	60.2
Maximum	52.0	56.1	59.1	64.1	73.0	79.8	86.8	85.5	77.7	68.9	60.8	50.8	63.5
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

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	4.36	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	2.41	2.41	4.84	7.68	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	9.33	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	4.71	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	10.53	15.72	16.93	15.53	10.88	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	2.76	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	14.14	12.39	9.78	87.08
1980-81	6.96	4.05	2.82	2.82	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	5.90	2.43	1.86	2.82	3.22	7.71	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	12.35	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	12.35	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	14.20	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	1.75	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	16.22	14.21	11.30	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	93.09
MEAN	6.34	3.37	2.19	2.20	2.72	4.70	7.06	10.42	13.19	14.83	13.38	9.80	90.20

ISABELLA RESERVOIR EVAPORATION

April 1954 to Date

Quantities in acre-feet

Year: 2006

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	16,883
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	23,550
1963	684	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	4,897	3,010	1,623	619	40,891
1971	700	990	1,807	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	2,245	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	1,166	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	19,866
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	10,374	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	57,935
1981	1,154	1,317	1,619	3,866	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	5,563	8,180	10,967	9,418	5,732	4,086	1,769	1,053	54,193
1983	1,097	1,057	1,282	3,235	5,905	9,255	10,645	8,814	7,337	3,814	1,188	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	7,914	7,650	4,441	3,287	1,577	885	49,931
1986	1,119	1,150	2,323	4,740	7,496	10,088	9,025	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	2,498	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	2,872	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	1,338	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	8,941	8,428	7,260	6,428	5,790	4,219	1,196	1,196	55,816
1998	768	415	1,817	2,807	3,596	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	6,480	5,113	3,802	3,802	2,045	1,569	45,867
2000	849	649	1,686	2,971	5,080	6,944	6,327	4,320	2,499	2,499	1,252	1,363	41,235
2001	780	551	1,620	2,053	5,165	6,791	5,978	3,858	2,539	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	6,626	5,062	3,658	1,791	1,335	633	36,346
2005	486	718	1,341	2,541	4,852	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
Average	813	908	1,567	2,471	4,291	6,227	7,079	6,020	4,218	2,716	1,436	886	38,632

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	196,112
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	December 7	225,535
1970	327,771	June 10	156,517	January 12	172,038
1971	240,996	June 22	120,161	November 24	122,040
1972	126,754	June 11	50,030	November 25	55,589
1973	399,448	June 29	55,449	October 16	205,948
1974	475,881	June 23	201,710	January 7	223,930
1975	348,695	June 17	169,893	March 1	170,190
1976	171,617	January 26	67,668	December 17	67,701
1977	82,347	June 16	34,504	December 29	43,820
1978	491,451	July 16	44,060	December 16	244,904
1979	442,035	June 11	208,632	January 1	208,768
1980	585,381	June 11	208,632	December 30	229,813
1981	312,456	July 3	208,224	January 7	168,210
1982	560,083	June 7	166,907	December 27	261,558
1983	630,825	June 29	168,984	January 1	311,944
1984	407,745	July 6	260,010	January 9	244,979
1985	388,621	June 7	244,755	December 15	195,516
1986	562,134	June 13	189,823	November 23	244,085
1987	276,266	June 16	195,579	January 1	143,410
1988	158,189	June 7	142,661	December 1	73,545
1989	184,801	June 6	72,638	December 9	85,978
1990	97,420	June 1	71,111	February 18	46,014
1991	175,558	June 12	45,895	December 18	89,654
1992	153,942	June 19	45,300	February 27	82,262
1993	416,982	June 5	82,080	December 28	242,525
1994	262,332	June 29	82,189	January 1	115,585
1995	551,921	June 6	115,492	December 24	252,811
1996	546,849	July 19	244,979	January 3	246,474
1997	491,994	June 11	242,450	December 4	242,525
1998	562,474	June 6	242,005	December 30	244,904
1999	334,267	July 24	169,341	January 31	169,341
2000	293,234	June 8	129,469	December 31	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

The image is a cover page for a report. It features a photograph of a river scene. In the foreground, a tree with green leaves stands in the water, its trunk partially submerged. The water is a murky, brownish-grey color. In the background, a concrete bridge with several supports spans across the river. The sky is overcast and grey. The text 'KERN RIVER OPERATIONS' is printed in large, bold, red letters with a white outline, centered over the bridge. Below it, the year '2006' is printed in the same style. In the bottom right corner, the text 'Kern River at Kernville' is printed in a smaller, black font. The left edge of the page has a decorative border of grey circles.

KERN RIVER OPERATIONS

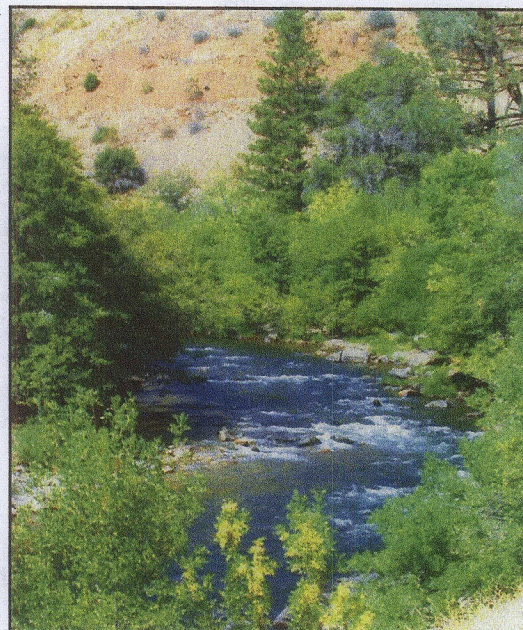
2006

Kern River at Kernville

KERN RIVER IN REVIEW 2006

Introduction

The Kern River Basin awoke on New Year's Day 2006 to a record-setting deluge of precipitation, setting the tone for the abundant water supply season to follow. Isabella, California received 1.50" of rainfall on January 1, 2006, followed by 1.26" on January 2, 2006, both record daily amounts dating back to 1949 when records were begun. Preceding this massive storm event was the strong downpour of December 2, 2005 which deposited a record 2.38" of precipitation at Isabella Dam, and left up to 4" of snow water content in the upper Kern River Basin. Manual snow survey measurements taken in the Kern River snow shed at the end of January 2006 confirmed the above-normal snowpack, leading to a 101% of normal spring snow melt forecast by the State of California DWR for Kern River as of February 1, 2006. An extended lull in storm activity during the last half of January 2006 extending through late February 2006 created a concern for water watchers, however, during the 7-week period beginning February 27, 2006 and ending on April 15, 2006, precipitation was recorded at Isabella Dam headquarters on 30 days, punctuated with a record 1.09" on the 28th of March, 2006. This steady parade of spring-time storms pushed peak snowpack accumulation in the Kern River Basin to the middle of April, helping to ensure above normal Kern River runoff during 2006. Bolstered by unusually strong thunderstorm activity that pelted the southern Sierra Nevada on July 20, 2006, leaving a record 1.56" of precipitation at Isabella Dam, Kern River 2006 April through July runoff ended with **795,728** acre-feet, **169%** of the long-term average.



Kern River at Sherman Pass Road

Beginning on April 29, 2006, the U.S. Army Corps of Engineers declared a Mandatory Release operation at Isabella Reservoir, quickly increasing outflow from the dam to a rate of 4,500 cubic feet per second by May 8, 2006. The action by the Corps to release water from the dam in excess of downstream demand was due to concern by the Corps over an apparent increase in seepage at the base of the Isabella Auxiliary Dam. During the 2006 Mandatory Release operation, which ended on June 25, 2006, a total of 73,411 acre-feet of Kern River water entered the California Aqueduct via the Kern River Intertie.

Precipitation

Monthly precipitation amounts in inches as recorded at selected Kern County stations during the 2005-2006 Water Year were as follows:



Brush Creek

	Bakersfield Meadows Field (Elev. 494 ft.)			Isabella Dam (Elev. 2660 ft.)			Glennville (Elev. 3140 ft.)		
	05-06	Ave.	% of Ave.	05-06	Ave.	% of Ave.	05-06	Ave.	% of Ave.
Oct	0.17	0.30	57%	1.11	0.37	300%	0.44	0.75	59%
Nov	0.23	0.59	39%	0.06	1.23	5%	1.01	1.85	55%
Dec	1.11	0.76	146%	3.63	1.87	194%	3.86	2.96	130%
Jan	0.75	1.18	64%	3.10	2.46	126%	3.56	3.32	107%
Feb	0.30	1.21	25%	1.38	2.14	64%	1.51	2.99	51%
Mar	1.91	1.41	135%	2.21	1.65	134%	6.76	3.05	222%
Apr	1.99	0.45	442%	0.93	0.70	133%	5.04	2.06	245%
May	0.30	0.24	125%	0.02	0.26	8%	0.18	0.75	24%
Jun	0.00	0.12	0%	0.00	0.08	0%	0.07	0.18	39%
Jul	0.00	0.00	0%	1.68	0.15	1112%	0.00	0.04	0%
Aug	0.00	0.08	0%	0.00	0.18	0%	0.00	0.10	0%
Sep	0.00	0.15	0%	0.00	0.33	0%	0.00	0.37	0%
TOTAL	6.76	6.49	104%	14.12	11.41	124%	22.43	18.42	122%

Temperature

Isabella, California, 2006 mean air temperatures (°F) with comparative averages were as follows:

	2006 Actual	Normal	Variance from Norm		2006 Actual	Normal	Variance from Norm
Jan	46.9	44.5	+2.4	Jul	84.5	79.7	+4.8
Feb	49.9	47.3	+2.6	Aug	79.2	78.3	+0.9
Mar	45.8	50.7	-4.9	Sep	75.0	72.2	+2.8
Apr	55.0	55.5	-0.5	Oct	62.1	62.1	+0.0
May	68.3	63.7	+4.6	Nov	54.5	51.3	+3.2
Jun	77.4	72.9	+4.5	Dec	46.0	44.7	+1.3

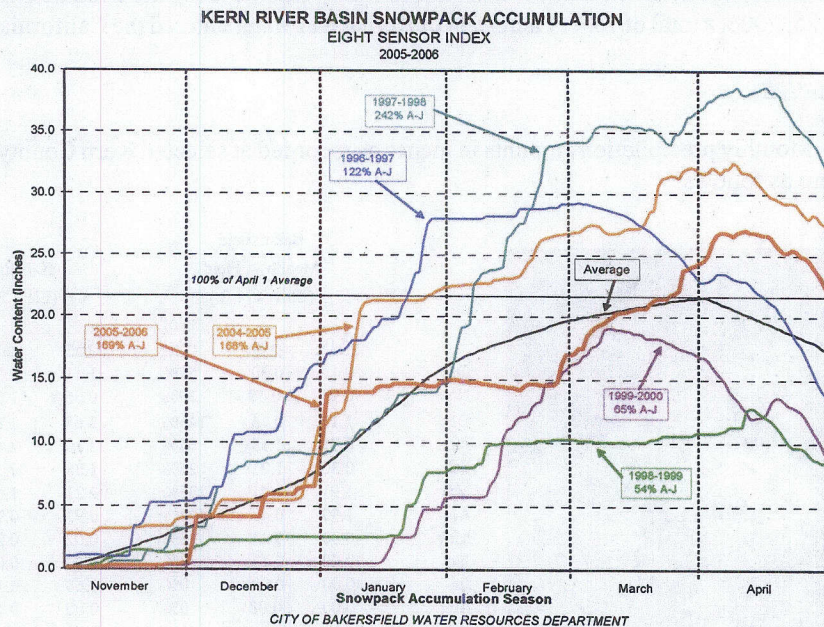
The mean annual temperature as recorded at Isabella Dam for 2006 was 62.1° Fahrenheit, 1.9° above the long-term (1956 to 2006) normal. Temperature extremes reached 105° on July 23, 2006, with the low of 25° occurring on December 18, 2006. The mean air temperature for March 2006 was 4.9° below normal, a reflection of the cool, moist weather pattern that persisted throughout the month. The last year in which March temperatures were as chilly at Isabella was during the so-called "March Miracle" of 1991, when the mean air temperature registered only 43.6°. In sharp contrast, the highest mean air temperature ever recorded for the month of March occurred in 2004 with a scorching 59.1°, 8.4° above normal.

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, 2006, 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, 2006	27.6	21.8	20.9	36.4	32.3	19.1	28.3	7.9
April 1, Average	27.7	19.8	21.8	24.9	30.3	15.6	20.7	11.0

The Kern River Basin 2005-06 winter snowpack accumulation, as shown below, received a major boost in early December 2005, as a cold Pacific storm deposited up to 4" of snow water content in the watershed. Isabella Dam received 3.63" of precipitation during December 2005, 194% of normal and greatest amount for December since 1996. The major storm event of the winter season played out over the period of December 31, 2005 through January 2, 2006, increasing the water content of the snowpack nearly two-fold. Between January 3, 2006 and February 26, 2006, storm clouds were scarce, producing less than 15% of normal basin precipitation for the entire period. By the end of February 2006, the forecast of Kern River spring snow melt runoff had declined to only 79% of normal. In the weeks to follow, a persistent, moist storm track out of the Gulf of Alaska developed, bringing with it almost daily rain and snow. During March 2006, the Kern River basin snowpack accumulation showed steady improvement, finally edging above the average snowpack track during the March 28, 2006 major storm event. Wet weather continued well into April 2006, with the brunt of precipitation falling over the period of April 3-5, 2006. Upper Tyndall Creek snow sensor, elevation 11,400 ft., Kern River Basin, achieved maximum snowpack accumulation for the season on April 26, 2006 with 31.1".

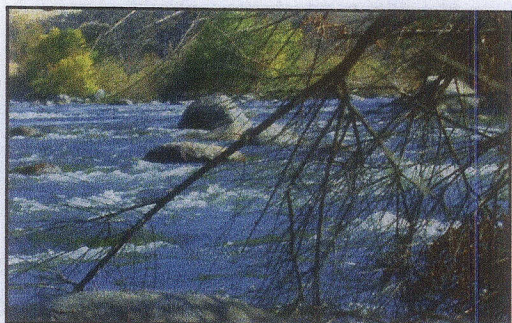


Forecast

The State of California, Department of Water Resources, issued the following forecasts of Kern River runoff into Isabella Reservoir for the 2006 April-July snow melt period:

- February 1, 2006: 101% of average (475,000 acre-feet)
- March 1, 2006: 79% of average (370,000 acre-feet)
- April 1, 2006: 117% of average (550,000 acre-feet)
- May 1, 2006: 149% of average (700,000 acre-feet)

Runoff



Kern River at Rancheria Road

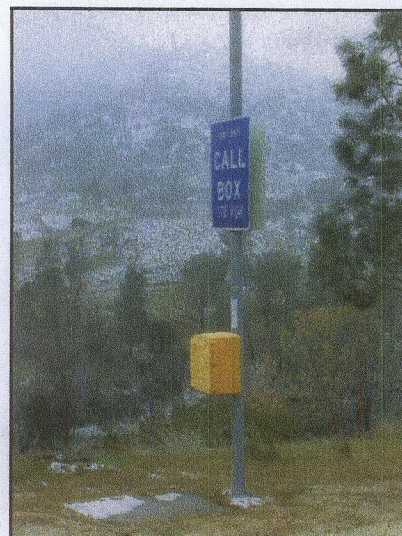
Actual 2006 April-July Kern River inflow to Lake Isabella was 763,410 acre-feet (162% of average). Peak snow melt inflow to Isabella Reservoir occurred on May 15, 2006 with 6,357 cubic feet per second. Calendar Year runoff at First Point of Measurement near Bakersfield for 2006 amounted to 1,071,841 acre-feet, 146% of the long-term average (732,678 acre-feet) and 195% of the historical median (548,396 acre-feet). July 2006 runoff, fed by abundant high elevation snowpack in the upper Kern drainage basin, exceeded 100,000 acre-feet for the second year in a row, the first back to back seasons to have July snow melt runoff of this magnitude since 1982 and 1983. The 169% of normal snow melt yield at 1st Point during 2006 followed a 168% of normal April-July snow melt runoff in 2005. The remarkable similarity in Kern River natural flow production for these years is summarized in the table below (quantities in acre-feet):

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2005	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
2006	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

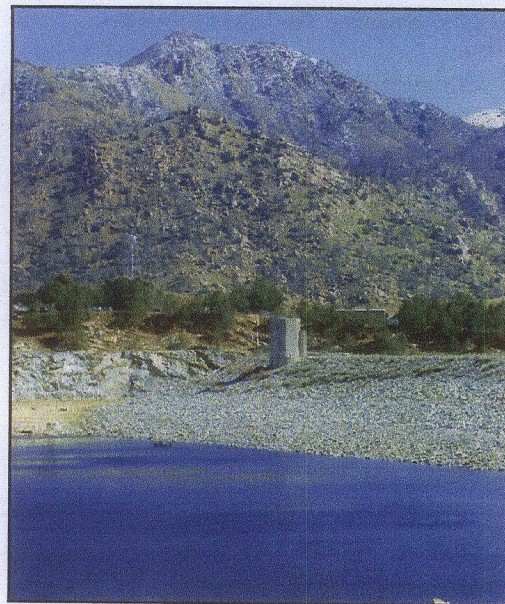
Storage

2006 began with 246,549 acre-feet of reservoir storage, the highest storage level for the first of the year since January 1997 began with 252,811 acre-feet. Strong storm activity, which moved into the Kern River watershed on December 31, 2005, drove the Kern River North Fork as measured at Kernville to a peak instantaneous discharge of 2,989 cubic feet per second on January 2, 2006. Runoff from this storm increased Isabella Reservoir storage by nearly 10,000 acre-feet in a matter of days. The temporary encroachment into storage space normally reserved for flood control purposes prompted a sharp increase in dam outflow, culminating in a peak instantaneous flow at First Point during January 2006 of 1,489 cubic feet per second, the highest January regulated flow witnessed since 1998.

On April 27, 2006, the Kern River Interests were notified by the U.S. Army Corps of Engineers that recent seismic studies conducted by the Corps had detected increased seepage pressure at the base of the earthen Isabella Auxiliary Dam. In order to investigate the increased seepage pressure, the Corps declared an emergency pool restriction at Isabella Reservoir, limiting maximum water surface elevation of the lake to 2585.50 feet, or twenty feet below the spillway crest elevation. Under the Corps mandated operation, Isabella Reservoir storage peaked on May 22, 2006 with 423,529 acre-feet of storage. Isabella Reservoir ended the year with 226,732 acre-feet of storage, constituting 40% of the lake capacity and 144% of the average December 31st carryover storage quantity of 157,292 acre-feet.



Kern River Canyon near Borel Road



Isabella Main Dam

Operations



Crane removing debris from head of River Canal

Kern River regulated flow as computed at First Point of Measurement during the 2006 Calendar Year amounted to 1,046,136 acre-feet, 146% of the 1954-2006 average regulated flow of 714,637 acre-feet. On April 29, 2006, the U.S. Army Corps of Engineers began a Mandatory Release operation out of Lake Isabella which increased total dam outflow from 1,500 cubic feet per second as of April 28, 2006 to 4,500 cubic feet per second by May 8, 2006. As a result of this operation, peak regulated flow at First Point of Measurement occurred on May 16th, with a mean daily discharge of 4,723 cubic feet per second. For the month of May 2006, regulated flow equaled 273,669 acre-feet, 313% of normal and the greatest May regulated flow measured since 1983. The Kern River Channel below Rocky Point Weir was extensively utilized throughout the year, with mean flow at Rocky Point peaking at 3,552 cubic feet per

second on May 21, 2006. Downstream at the River Canal Weir, the combination of Kern River Mandatory Release flow and Friant-Kern Canal floodwater entering the Kern River Channel resulted in a peak discharge of 2,722 cubic feet per second as of May 11, 2006 with the adjacent soft plug intact.

Total water yield of the Kern River drainage basin and its surface storage reservoir in acre-feet during 2006 is summarized as follows:

+	Kern River Computed Natural Flow	1,071,841
+	Isabella Reservoir Storage	19,820
-	Isabella Reservoir Evaporation	45,525
-	Kern River Diversion Above First Point	18,448
=	Kern River Flow at First Point	1,027,688



Watermaster Chuck Williams (left) discussing Kern River operations with Stu Townsley, Chief, Water Management, U.S. Army Corps of Engineers

Delivery of **Kern River** water to canal and conveyance facilities located below First Point of Measurement for the 2006 Calendar Year was as follows:

<u>Delivery Point</u>	<u>Flow in Acre-Feet</u>
Beardsley Canal	227,541
Calloway Canal	110,072
Kern Island Canal	146,686
Eastside Canal	13,816
Stine Canal	39,999
Arvin-Edison Turnout	16,267
Buena Vista Canal	30,513
Rosedale Channel	72,564
Pioneer Canal	5,315
The Park at River Walk	985
North Lake Turnout	425
Berrenda Mesa Pipeline	8,225
Pioneer Property	44,643
Kern Water Bank	31,869
2800 Acre Recharge Facility	29,395
Second Point of Measurement	195,102
Seepage Loss (River & Carrier)	46,793



Kern River near Freeway "99"

Year: 2006

Kern River at First Point of Measurement "Computed Natural"

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1,901	613	1,581	1,420	4,269	4,239	2,612	1,043	442	315	309	284
2	2,170	622	1,201	1,314	4,437	4,463	2,511	999	460	324	284	290
3	2,183	634	1,137	1,634	4,616	4,878	2,391	924	438	350	277	299
4	1,266	652	1,061	3,946	4,553	5,130	2,290	896	405	333	291	289
5	1,165	656	1,006	3,478	4,452	5,667	2,274	845	393	315	294	298
6	1,055	647	1,048	2,936	4,362	5,748	2,224	809	401	314	296	318
7	1,003	619	1,072	2,631	4,461	5,482	2,077	752	408	317	278	342
8	954	602	1,068	2,537	4,723	4,840	2,020	728	392	326	273	357
9	883	599	1,009	2,430	5,017	4,706	2,050	719	378	322	281	357
10	818	598	964	2,307	5,322	4,484	2,034	708	362	320	268	505
11	827	602	918	2,182	5,470	4,348	1,935	688	365	331	266	332
12	819	615	891	2,086	5,627	4,034	1,754	658	351	339	284	321
13	770	631	850	2,080	5,662	3,769	1,658	625	346	345	314	317
14	757	631	887	2,300	6,027	3,362	1,550	598	327	340	343	339
15	791	608	893	2,458	6,537	3,226	1,492	587	320	314	338	346
16	784	596	920	2,528	6,262	3,239	1,448	587	320	309	353	343
17	757	606	891	2,400	6,157	3,428	1,468	581	326	310	343	327
18	760	618	848	2,303	6,238	3,645	1,473	581	321	335	351	308
19	779	592	821	2,279	6,301	3,616	1,514	564	310	341	338	282
20	771	565	803	2,369	6,174	3,539	1,578	551	305	341	318	257
21	723	546	818	2,500	5,909	3,380	1,666	533	314	344	290	282
22	698	561	832	2,521	5,365	3,341	1,668	527	336	332	283	424
23	648	569	851	2,517	4,931	3,317	1,592	516	341	332	284	326
24	612	572	903	2,459	4,561	3,334	1,508	476	345	320	292	328
25	601	566	964	2,503	4,464	3,259	1,473	448	339	321	285	331
26	585	561	1,049	2,498	4,491	3,204	1,393	447	329	323	265	321
27	565	861	1,098	2,535	4,365	3,063	1,381	458	327	319	260	506
28	571	1,945	1,780	2,666	4,131	2,999	1,326	445	311	313	250	344
29	570	-	2,049	2,813	3,794	2,904	1,267	432	312	302	261	339
30	571	-	1,521	3,504	3,634	2,585	1,136	431	300	299	275	335
31	607	-	1,510	-	3,682	-	1,060	423	-	332	-	331
TOTAL	27,964	18,487	33,244	74,134	155,994	117,229	53,823	19,579	10,624	10,078	8,844	10,388
MAXIMUM DAY	2,183	1,945	2,049	3,946	6,537	5,748	2,612	1,043	460	350	353	506
MINIMUM DAY	565	546	803	1,314	3,634	2,585	1,060	423	300	299	250	267
MEAN	902	660	1,072	2,471	5,032	3,908	1,736	632	354	325	295	335
TOTAL AC. FT.	55,466	36,668	65,938	147,043	309,409	232,520	106,756	38,834	21,072	19,989	17,542	20,604
WHOLE YEAR:-	TOTAL,	540,388	MAX.,	6,537	MIN.,	250	MEAN,	1,481	TOTAL AC.FT.,	1,071,841		

Kern River North Fork Flow at Kernville
(As reported by U.S. Army Corps of Engineers)

DISCHARGE IN CUBIC FEET PER SECOND

Year: 2006

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1,197	422	1,253	1,127	3,254	3,627	2,435	917	372	287	278	254
2	1,722	439	953	1,067	3,565	4,234	2,406	852	365	318	278	266
3	1,550	483	875	1,311	3,732	4,703	2,166	801	370	335	271	245
4	982	486	748	3,571	3,701	5,574	2,077	766	365	320	269	238
5	887	487	781	3,184	3,307	6,159	2,136	732	349	309	273	239
6	824	470	812	2,361	3,377	6,327	1,914	693	360	306	286	242
7	765	455	927	2,190	3,623	5,821	1,756	662	360	307	267	236
8	705	445	817	2,074	3,998	4,965	1,583	630	357	307	261	233
9	649	445	792	1,960	4,397	4,696	1,691	600	352	298	259	243
10	607	465	755	1,846	4,669	4,353	1,655	580	343	298	255	319
11	584	479	738	1,723	4,998	4,439	1,573	562	335	295	253	265
12	587	485	680	1,594	5,045	3,929	1,536	550	328	289	264	279
13	550	498	665	1,638	5,456	3,476	1,407	526	323	301	259	308
14	554	514	697	1,805	6,186	3,004	1,313	510	327	313	313	311
15	576	526	694	2,134	6,937	2,790	1,268	500	325	296	402	304
16	523	494	682	2,042	6,389	2,953	1,231	496	323	324	330	301
17	507	491	695	1,902	6,726	3,169	1,229	487	324	316	321	287
18	545	498	675	1,755	6,578	3,325	1,275	473	322	311	304	230
19	553	482	647	1,748	6,940	3,456	1,276	450	311	311	300	208
20	484	427	620	1,864	6,898	3,245	1,235	449	310	310	285	216
21	465	445	675	2,031	6,127	3,112	1,504	431	303	303	280	275
22	474	449	641	2,062	5,528	3,124	1,574	427	301	299	277	323
23	462	452	658	2,022	4,224	3,115	1,369	415	300	286	275	292
24	443	438	696	1,897	3,830	3,041	1,299	412	285	276	266	287
25	427	428	757	1,956	3,913	2,799	1,333	409	286	274	249	287
26	423	430	903	2,029	4,186	2,682	1,257	406	280	322	248	285
27	415	482	846	1,909	4,430	2,704	1,192	395	286	276	254	343
28	405	1,775	1,314	2,056	3,673	2,539	1,263	385	278	273	246	311
29	407	-	1,493	2,450	3,294	2,625	1,186	377	272	271	216	286
30	407	-	1,193	2,911	3,082	2,447	1,066	375	266	270	226	306
31	421	-	1,163	-	3,220	-	992	369	-	280	-	308
TOTAL	20,100	14,390	25,845	60,219	145,283	112,433	47,197	16,637	9,678	9,281	8,265	8,527
MAXIMUM DAY	1,722	1,775	1,493	3,571	6,940	6,327	2,435	917	372	335	402	343
MINIMUM DAY	405	422	620	1,067	3,082	2,447	992	369	266	270	216	208
MEAN	648	514	834	2,007	4,687	3,748	1,522	537	323	299	276	275
TOTAL AC. FT.	39,868	28,542	51,263	119,443	288,164	223,007	93,614	32,999	19,196	18,409	16,393	16,913
WHOLE YEAR:-	TOTAL,	477,855	MAX.,	6,940	MIN.,	208	MEAN,	1,309	TOTAL AC.FT.,	947,811		

Year: 2006

Kern River at First Point of Measurement "Regulated"

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	611	501	383	484	2,874	4,693	3,324	1,846	794	462	373	258
2	565	499	385	453	3,217	4,679	3,429	1,816	708	513	345	254
3	583	509	425	452	3,351	4,678	3,520	1,777	739	439	342	261
4	856	564	365	423	3,876	4,690	3,518	1,737	738	367	336	258
5	953	579	390	380	4,193	4,695	3,518	1,616	869	356	330	269
6	1,040	577	383	402	4,181	4,701	3,438	1,611	961	334	334	281
7	996	596	375	396	4,179	4,698	3,133	1,702	987	317	332	292
8	841	583	387	368	4,295	4,693	2,995	1,674	943	316	336	333
9	830	565	384	353	4,682	4,690	2,918	1,605	863	317	343	296
10	887	569	303	364	4,701	4,685	2,673	1,479	879	325	335	295
11	1,100	575	293	366	4,688	4,672	2,544	1,349	986	316	333	317
12	1,361	580	300	409	4,694	4,670	2,406	1,323	1,010	321	332	313
13	1,308	615	293	417	4,688	4,653	2,365	1,401	1,024	322	335	316
14	1,237	648	358	538	4,693	4,649	2,308	1,498	1,023	330	332	325
15	1,320	684	420	641	4,701	4,654	2,281	1,506	940	323	336	336
16	1,355	702	366	649	4,723	4,651	2,279	1,475	821	341	340	338
17	1,360	667	353	576	4,416	4,644	2,263	1,429	818	346	340	333
18	1,352	621	348	633	4,688	4,643	2,300	1,328	866	344	344	334
19	1,345	565	318	730	4,709	4,514	2,319	1,242	786	346	345	315
20	1,339	520	442	847	4,720	4,323	2,267	1,271	705	329	338	282
21	1,171	535	460	1,015	4,720	4,287	2,195	1,377	705	315	341	265
22	650	571	448	1,295	4,715	4,313	2,089	1,359	691	324	341	270
23	607	599	478	1,323	4,699	4,299	2,103	1,270	619	341	350	271
24	622	590	482	1,379	4,683	4,297	2,209	1,276	567	369	362	273
25	599	573	482	1,451	4,699	4,035	2,286	1,315	515	371	365	273
26	592	564	446	1,559	4,710	3,359	2,354	1,172	520	374	367	304
27	580	558	454	1,557	4,708	3,297	2,316	1,063	549	384	363	323
28	534	582	479	1,573	4,711	3,051	2,177	1,045	529	386	362	327
29	527	-	579	1,725	4,702	3,045	1,988	1,035	481	387	368	369
30	502	-	469	2,433	4,690	3,148	2,040	1,121	417	387	327	374
31	501	-	505	-	4,669	-	2,014	1,017	-	393	-	353
TOTAL	28,124	16,291	12,553	25,191	137,975	130,106	79,569	43,735	23,053	11,095	10,327	9,408
MAXIMUM INSTANT.	1,489	781	646	2,605	4,794	4,747	3,530	1,864	1,058	563	407	524
MINIMUM INSTANT.	439	477	253	347	2,392	2,841	1,798	944	404	232	101	88
MEAN	907	582	405	840	4,451	4,337	2,567	1,411	768	358	344	303
TOTAL AC. FT.	55,783	32,313	24,899	49,966	273,669	258,061	157,823	86,747	45,725	22,006	20,484	18,660
WHOLE YEAR:-	TOTAL,	527,427	MAX.,	4,794	MIN.,	88	MEAN,	1,445	TOTAL AC.FT.,	1,046,136		

Year: 2006

Kern River Conduit at Alternate Second Point (Total Flow)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	341	92	213	147	0	0	0	0
2	0	0	0	0	393	53	185	147	0	0	0	0
3	0	0	0	0	452	38	197	146	0	0	0	0
4	0	0	0	36	512	51	192	144	0	0	0	0
5	0	0	0	52	504	47	196	145	0	0	0	0
6	0	0	0	47	510	83	178	150	0	0	0	0
7	0	0	0	49	503	166	158	151	0	0	0	0
8	0	0	0	51	456	234	163	150	0	0	0	0
9	0	0	0	52	410	254	153	150	0	0	0	0
10	0	0	0	52	559	236	158	156	0	0	0	0
11	0	0	0	53	597	186	143	148	0	0	0	0
12	0	0	0	46	582	133	144	157	0	0	0	0
13	0	0	0	48	541	112	137	130	0	0	0	0
14	0	0	0	69	545	97	157	117	0	0	0	0
15	0	0	0	84	534	128	165	121	0	0	0	0
16	0	0	0	75	525	170	140	122	0	0	0	0
17	0	0	0	34	243	178	126	121	0	0	0	0
18	0	0	0	0	120	179	124	93	0	0	0	0
19	0	0	0	0	115	146	133	68	0	0	0	0
20	0	0	0	0	107	96	126	67	0	0	0	0
21	0	0	0	0	114	90	124	67	0	0	0	0
22	0	0	0	0	113	101	106	22	0	0	0	0
23	0	0	0	0	126	135	90	0	0	0	0	0
24	0	0	0	0	123	135	99	0	0	0	0	0
25	0	0	0	0	138	173	107	0	0	0	0	0
26	0	0	0	0	146	236	134	0	0	0	0	0
27	0	0	0	0	130	260	143	0	0	0	0	0
28	0	0	0	0	133	218	143	0	0	0	0	0
29	0	0	0	49	122	181	156	0	0	0	0	0
30	0	0	0	208	125	209	154	0	0	0	0	0
31	0	0	0	-	114	-	152	0	-	0	-	0
TOTAL	0	0	0	1,005	9,933	4,417	4,596	2,719	0	0	0	0
MAXIMUM DAY	0	0	0	208	597	260	213	157	0	0	0	0
MINIMUM DAY	0	0	0	0	107	38	90	0	0	0	0	0
MEAN	0	0	0	34	320	147	148	88	0	0	0	0
TOTAL AC. FT.	0	0	0	1,993	19,702	8,761	9,116	5,393	0	0	0	0
WHOLE YEAR:-	TOTAL,	22,670	MAX.,	597	MIN.,	0	MEAN,	62	TOTAL AC.FT.,	44,965		

DISCHARGE IN CUBIC FEET PER SECOND Kern River Channel at Second Point of Measurement (Total Flow) Year: 2006

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	23	314	1,974	374	27	0	0	0	0
2	0	0	0	23	359	1,711	464	26	0	0	0	0
3	0	0	0	37	404	1,456	466	26	0	0	0	0
4	0	0	0	34	889	1,340	461	26	0	0	0	0
5	0	0	0	55	1,142	1,376	471	21	0	0	0	0
6	0	0	0	64	1,221	1,431	362	19	0	0	0	0
7	0	0	0	191	1,182	1,268	189	19	0	0	0	0
8	0	0	0	389	1,228	1,157	183	16	0	0	0	0
9	0	0	0	377	1,606	1,229	152	11	0	0	0	0
10	22	0	0	205	1,706	1,265	70	6	0	0	0	0
11	20	0	0	144	1,789	1,216	49	13	0	0	0	0
12	20	0	0	183	1,761	1,167	50	4	0	0	0	0
13	26	0	0	203	1,745	1,155	33	16	0	0	0	0
14	12	0	0	240	1,717	1,158	40	20	0	0	0	0
15	58	0	0	387	1,481	1,163	39	19	0	0	0	0
16	117	0	0	460	1,543	1,246	34	21	0	0	0	0
17	130	0	0	361	1,544	1,271	29	20	0	0	0	0
18	124	0	0	356	1,930	1,168	34	7	0	0	0	0
19	119	0	0	330	2,109	1,085	30	9	0	0	0	0
20	118	0	0	335	2,257	1,097	35	10	0	0	0	0
21	136	0	0	534	2,321	1,065	52	10	0	0	0	0
22	166	0	0	764	2,347	948	52	18	0	0	0	0
23	136	0	0	671	2,129	855	47	0	0	0	0	0
24	135	0	0	600	1,851	870	44	0	0	0	0	0
25	130	0	0	812	1,861	637	42	0	0	0	0	0
26	124	0	21	899	2,120	355	33	0	0	0	0	0
27	134	0	34	830	2,182	322	31	0	0	0	0	0
28	130	0	29	746	2,241	272	32	0	0	0	0	0
29	128	-	29	520	2,140	206	29	0	0	0	0	0
30	74	-	27	521	2,106	212	26	0	0	0	0	0
31	0	-	23	-	2,052	-	25	0	-	0	-	0
TOTAL	2,059	0	163	11,294	51,277	31,675	3,978	364	0	0	0	0
MAXIMUM DAY	166	0	34	899	2,347	1,974	471	27	0	0	0	0
MINIMUM DAY	0	0	0	23	314	206	25	0	0	0	0	0
MEAN	66	0	5	376	1,654	1,056	128	12	0	0	0	0
TOTAL AC. FT.	4,084	0	323	22,401	101,706	62,826	7,891	722	0	0	0	0
WHOLE YEAR:-	TOTAL,	100,810	MAX.,	2,347	MIN.,	0	MEAN,	276	TOTAL AC.FT.,	199,953		

Year: 2006

Friant-Kern Inflow to Kern River Channel (Total Flow)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	624	0	773	0	0	0	0	0	0
2	0	0	0	637	0	584	0	0	0	0	0	0
3	0	0	0	631	0	321	0	0	0	0	0	0
4	0	0	0	758	0	82	0	0	0	0	0	0
5	0	0	0	965	0	0	0	0	0	0	0	0
6	0	0	0	1,105	0	149	0	0	0	0	0	0
7	0	0	0	1,185	0	83	0	0	0	0	0	0
8	110	0	0	1,304	0	9	0	0	0	0	0	0
9	300	0	0	1,364	0	0	0	0	0	0	0	0
10	521	0	0	1,291	102	0	0	0	0	0	0	0
11	786	0	0	1,168	308	0	0	0	0	0	0	0
12	712	0	0	1,137	364	0	0	0	0	0	0	0
13	496	0	0	1,122	364	0	0	0	0	0	0	0
14	432	0	0	1,145	364	0	0	0	0	0	0	0
15	375	0	0	1,259	362	0	0	0	0	0	0	0
16	375	0	0	1,336	450	0	0	0	0	0	0	0
17	375	0	0	1,283	530	0	0	0	0	0	0	0
18	377	0	0	1,234	527	0	0	0	0	0	0	0
19	408	0	0	1,181	600	0	0	0	0	0	0	0
20	440	0	0	1,176	708	113	0	0	0	0	0	0
21	382	0	0	1,176	749	249	0	0	0	0	0	0
22	723	0	0	1,337	899	118	0	0	0	0	0	0
23	889	0	0	1,466	946	64	0	0	0	0	0	0
24	866	0	0	1,272	603	100	0	0	0	0	0	0
25	901	0	90	1,296	348	9	0	0	0	0	0	0
26	926	0	363	1,395	298	0	0	0	0	0	0	0
27	894	0	521	1,436	458	0	0	0	0	0	0	0
28	732	0	557	1,427	642	0	0	0	0	0	0	0
29	425	-	559	1,136	858	0	0	0	0	0	0	0
30	123	-	620	586	844	0	0	0	0	0	0	0
31	0	-	663	-	844	-	0	0	-	0	-	0
TOTAL	12,568	0	3,373	34,432	12,168	2,654	0	0	0	0	0	0
MAXIMUM DAY	926	0	663	1,466	946	773	0	0	0	0	0	0
MINIMUM DAY	0	0	0	586	0	0	0	0	0	0	0	0
MEAN	405	0	109	1,148	393	88	0	0	0	0	0	0
TOTAL AC. FT.	24,927	0	6,691	68,296	24,135	5,265	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	65,195	MAX.,	1,466	MIN.,	0	MEAN,	179	TOTAL AC.FT.,	129,314		

Quantities in acre-feet

**CITY OF BAKERSFIELD
SUMMARY OF KERN RIVER ENTITLEMENTS**

Year: 2006

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Buena Vista W.S.D. Entitlement	1,107	282	15,118	43,206	110,134	75,033	24,565	6,482	0	0	0	0	275,927
Hacienda W.D. Entitlement	0	0	0	8,335	35,232	32,434	21,119						97,120
K.C.L. Entitlement @ 2nd Point	52	14	540	2,075	5,492	3,838	1,361	305	0	0	0	0	13,677
Kern Island Eastside	18,446	16,661	18,294	17,851	18,446	17,851	18,446	18,446	17,815	18,398	16,470	18,049	215,173
Kern River Conduit			23,466	26,106	47,159	38,553	25,345	11,383					172,012
Castro	307	278	48	119	173	127	55	12	194	159	54	163	1,689
KCC & W Co.	885	778	117	345	470	321	139	36	528	407	145	428	4,599
South Fork	611	553	87	238	341	234	93	28	329	210	91	266	3,081
Buena Vista	4,746	4,270	660	1,805	2,583	1,811	771	202	1,355	139	127	643	19,112
James	7,117	6,415	980	2,697	3,866	2,717	1,154	296	196			379	25,817
Anderson	1,192	1,047	165	464	643	448	194	48					4,201
Stine	7,047	3,217	1,226	3,390	4,836	3,400	1,454	369					24,939
Meacham	1,188	111	244	680	968	680	288	71					4,230
Farmers	3,709	522	1,186	3,390	4,836	3,400	1,454	317					18,814
Plunket	605	71	258	891	1,289	908	383	61					4,466
Joyce	589	71	224	891	1,289	908	383	42					4,397
Johnson	522	71	200	891	1,289	908	383	36					4,300
Pioneer	1,307	232	524	2,931	4,189	2,945	1,258	24					13,410
Beardsley	504	107	194	1,351	1,930	1,357	581						6,024
Leerdo (NKWSD)													
Anderson	73	18	32	234	327	222	89						995
James & Dixon	289	71	129	891	1,289	908	381						3,958
Wilson	48	12	16	121	202	133	58						590
KCC & W Co.	26	6	16	113	125	89	32						407
McCaffrey	165	46	85	589	833	587	252						2,557
McCord: Lerdo	157	54	93	668	968	680	282						2,902
Beardsley	369	125	226	1,561	2,261	1,585	657						6,784
Calloway: Central	746	204	226	3,536	5,478	3,852	893						14,935
NKWSD	2,983	821	908	14,140	21,914	15,407	3,570						59,743
Railroad: KCC & W Co.													
NKWSD													
80%													
Buena Vista													
(2-nd)													
James													
(2-nd)													
Pioneer													
(2-nd)													
Beardsley													
(3-rd)													
Kern Island													
(2-nd)													
Computed Loss	676	611	676	655	676	655	676	676	655	676	655	676	7,963
Total 1st Point Group Entitlement	54,359	36,386	50,820	95,502	164,043	125,053	61,072	32,352	21,072	19,989	17,542	20,604	688,794

CITY OF BAKERSFIELD
SUMMARY OF KERN RIVER FIRST POINT GROUP
KERN RIVER DIVERSIONS

Quantities in acre-feet

Year: 2006

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
KERN RIVER FLOW AT FIRST POINT	54,835	31,242	23,722	48,758	271,940	255,933	155,395	84,474	43,823	20,580	19,236	17,750	1,027,688
BEARDSLEY CANAL	6,734	10,147	2,914	17,532	38,493	42,714	39,106	21,219	20,102	8,301	13,140	7,139	227,541
CALLOWAY CANAL	12,623	1,369	1,407	2,329	25,513	32,521	26,719	4,219	1,712	1,660	0	0	110,072
KERN ISLAND CANAL	4,449	12,641	9,065	7,722	16,469	23,574	23,919	20,791	11,968	6,095	2,674	7,319	146,686
EASTSIDE CANAL	436	597	877	1,057	1,968	2,463	2,580	1,682	990	478	428	260	13,816
STINE CANAL	1,664	2,001	2,674	1,864	4,548	7,105	7,726	6,276	2,432	2,521	1,188	0	39,999
TRUXTUN LAKES	0	0	0	0	0	0	0	0	0	0	0	0	0
ARVIN-EDISON TURNOUT	1,543	0	0	0	7,014	7,710	0	0	0	0	0	0	16,267
BUENA VISTA CANAL	1,402	2,759	1,117	482	3,445	5,621	6,230	5,133	2,374	187	454	1,309	30,513
THE PARK AT RIVER WALK	0	0	0	34	498	361	92	0	0	0	0	0	985
ROSEDALE CHANNEL	9,650	0	3,685	3,249	15,324	15,815	12,946	10,255	1,640	0	0	0	72,564
PIONEER CANAL	0	0	0	0	1,093	3,473	670	79	0	0	0	0	5,315
BERRENDA MESA PIPELINE	563	0	0	61	1,930	1,916	1,753	2,002	0	0	0	0	8,225
PIONEER PROPERTY	0	0	0	590	19,869	16,580	7,053	551	0	0	0	0	44,643
NORTH LAKE TURNOUT	0	0	0	12	184	175	54	0	0	0	0	0	425
KERN WATER BANK VIA 2800 ACRES	1,576	0	0	60	2,910	2,179	676	1,097	411	0	0	0	8,909
KERN WATER BANK CANAL AT HEAD	4,110	0	0	79	10,413	8,358	0	0	0	0	0	0	22,960
2800 ACRE RECHARGE FACILITY	3,628	0	0	991	10,320	8,970	3,507	1,694	0	0	0	285	29,395
CARRIER CANAL LOSS/REFILL	682	629	515	649	722	613	680	642	534	283	413	520	6,882
RIVER LOSS & SPREADING	3,538	1,099	1,468	5,303	13,954	9,463	4,677	2,719	1,660	1,055	939	918	46,793
FIRST POINT CANALS TOTAL FLOW	52,598	31,242	23,722	42,014	174,667	189,611	138,388	78,359	43,823	20,580	19,236	17,750	831,990
TOTAL FLOW AT SECOND POINT	2,237	0	0	6,744	97,273	66,322	17,007	6,115	0	0	0	0	195,698
BUENA VISTA WSD	1,641	0	0	6,744	97,273	66,322	17,007	6,115	0	0	0	0	195,102
KERN WATER BANK AT 2ND POINT	596	0	0	0	0	0	0	0	0	0	0	0	596
KERN DELTA WD	0	0	0	0	0	0	0	0	0	0	0	0	0

2006 Summary of Kern River Water
Diversions by Entity

(Acre-Feet)

Area of Use Diverted

Above First Point

California Water Service Co.	15,225
Kern Valley Golf Course	220
La Hacienda, Inc.	1,028
Lake Ming	790
Olcese WD	778
City of Bakersfield	407
 Sub-total	 18,448

Below First Point

Arvin-Edison WSD	16,267
Buena Vista WSD	195,102
Cawelo WD	49,221
City of Bakersfield, Irrigation and Spreading	87,034
County of Kern (BVARA)	0
Improvement District #4	21,210
Kern County Water Agency	67,747
Kern Water Bank Authority	25,132
Kern Delta WD	230,882
North Kern WSD	240,714
Rosedale Ranch Improvement District	13,398
Rosedale-Rio Bravo WSD	80,849
Kern-Tulare WD	0
Rag Gulch WD	0
South Fork	132
 Sub-total	 1,027,688
 Grand Total	 1,046,136

**UTILIZATION OF STORAGE - ISABELLA RESERVOIR
KERN RIVER FIRST POINT GROUP**

Year: 2006

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	2,500	4,742	8,395	15,000	17,369	10,159	3,981	2,500	2,500	2,500	2,500	2,500	74,646
Buena Vista	1,500	2,128	3,032	5,662	8,804	7,966	3,479	353	1,273	1,500	1,500	1,500	38,697
Stine	1,500	2,130	2,848	4,901	6,478	5,143	1,719	414	20	486	1,166	1,500	28,305
Farmers	1,500	1,630	2,334	4,711	6,000	5,972	4,000	892	297	291	1,243	1,500	30,370
KERN DELTA WD TOTAL	7,000	10,630	16,609	30,274	38,651	29,240	13,179	4,159	4,090	4,777	6,409	7,000	172,018
City of Bakersfield	22,814	31,035	43,553	55,586	27,145	21,665	17,495	6,995	3,955	4,850	11,034	11,165	257,292
Kern River Canal & Irr. Co.	24,274	13,893	13,867	15,918	26,466	32,689	32,007	24,903	22,524	20,820	19,535	19,422	266,318
South Fork	600	694	726	1,001	1,474	1,831	1,948	1,976	2,584	3,230	600	600	17,264
Improvement District No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF BAKERSFIELD TOTAL	47,688	45,622	58,146	72,505	55,085	56,185	51,450	33,874	29,063	28,900	31,169	31,187	540,874
NORTH KERN WSD	61,174	66,198	78,518	102,780	93,736	82,147	48,654	48,428	35,667	66,630	64,278	65,303	813,513
TOTAL 1ST POINT STORAGE	115,862	122,450	153,273	205,559	187,472	167,572	113,283	86,461	68,820	100,307	101,856	103,490	1,526,405

KERN DELTA WATER DISTRICT



Kern Island Central Branch at Headgate

KERN DELTA WATER DISTRICT

Monthly Summary of Kern River Entitlements, Diversions, Diversion, and Releases

Deliveries and Storage ... All Canals

Quantities in acre-feet

Year: 2006

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	33,948	24,670	21,366	27,670	35,410	29,625	22,206	19,334	19,170	18,537	16,597	18,692	287,225
Release	(26,319)	(3,677)	(7,099)	(3,259)	(874)	(473)	(351)	(150)	(3,096)	(9,654)	(10,170)	(8,786)	(73,908)
Entitlement + or - Releases	7,629	20,993	14,267	24,411	34,536	29,152	21,855	19,184	16,074	8,883	6,427	9,906	213,317
Into Isabella Storage	46	3,965	6,037	13,864	8,956	583	28	747	1,273	916	2,027	629	39,071
From Isabella Storage	0	289	0	0	68	9,335	15,509	9,556	1,228	151	329	0	36,465
From City of Bakersfield	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
To City of Bakersfield	0	0	0	0	0	0	0	0	0	0	0	0	0
Storage Transfer/Exch.	0	0	0	0	0	0	0	0	0	0	0	0	0
River and Carrier Canal Loss	68	629	0	0	0	0	0	0	534	283	413	649	2,576
Via 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	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted at Heads of Canals	7,515	16,688	8,230	10,547	25,648	37,904	37,336	27,993	15,495	7,835	4,316	8,628	208,135
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	7,515	16,688	8,230	10,547	25,648	37,904	37,336	27,993	15,495	7,835	4,316	8,628	208,135
Utility Deliveries	3,858	12,478	5,437	6,090	18,370	30,594	29,646	22,240	11,335	5,062	1,541	6,244	152,895
Contract Deliveries	251	655	351	477	863	777	824	466	212	206	0	0	5,082
Total Irrigation Deliveries	4,109	13,133	5,788	6,567	19,233	31,371	30,470	22,706	11,547	5,268	1,541	6,244	157,977
Canal Conveyance Losses	3,406	3,555	2,442	3,980	6,415	6,533	6,866	5,287	3,948	2,567	2,775	2,384	50,158
Delivery Percentage	55%	79%	70%	62%	75%	83%	82%	81%	75%	67%	36%	72%	76%
Reservoir Evaporation Loss	46	46	58	199	511	659	580	211	114	78	66	38	2,606
End of Month Reservoir Storage	7,000	10,630	16,609	30,274	38,651	29,240	13,179	4,159	4,090	4,777	6,409	7,000	

Year: 2006

Total Flow via the Kern Island Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	191	142	153	263	345	371	341	204	122	36	124
2	4	183	156	129	309	374	352	323	200	125	38	120
3	22	215	173	105	317	371	383	335	185	106	29	108
4	41	192	159	108	287	375	352	352	178	88	21	134
5	39	208	154	78	266	402	312	335	204	101	13	137
6	39	235	165	81	246	406	352	310	216	103	0	133
7	39	280	170	71	237	440	371	301	229	103	0	147
8	45	277	184	69	271	446	352	306	228	102	0	159
9	68	275	188	58	298	447	335	289	216	117	0	187
10	74	272	162	39	303	450	358	297	173	119	0	191
11	63	261	144	49	312	449	330	326	193	127	0	200
12	61	253	138	59	312	436	362	294	203	119	0	212
13	61	305	135	65	302	366	406	349	225	118	0	218
14	59	313	156	71	265	381	436	433	264	105	0	223
15	60	345	167	67	268	429	422	414	233	98	65	232
16	63	373	171	63	273	417	419	353	217	113	70	177
17	71	332	181	108	273	367	447	329	201	160	70	195
18	73	260	179	173	242	324	451	334	255	165	70	191
19	71	213	152	194	249	340	445	347	262	155	85	121
20	54	177	151	211	244	328	443	395	253	109	90	95
21	54	180	130	197	237	350	431	433	220	107	86	80
22	64	185	121	200	255	369	414	419	191	95	66	65
23	97	176	133	179	260	418	369	419	160	97	60	31
24	122	175	124	174	265	449	400	410	151	101	65	33
25	103	161	125	196	231	447	408	385	172	40	65	36
26	99	139	111	223	195	438	418	357	165	38	63	25
27	100	112	108	212	183	404	422	328	170	43	64	25
28	108	130	106	224	216	385	431	291	174	47	70	34
29	136	-	131	264	293	357	372	230	152	50	105	30
30	182	-	135	247	315	375	340	234	140	52	117	24
31	193	-	167	-	316	-	355	213	-	48	-	24
TOTAL	2,265	6,418	4,618	4,067	8,303	11,885	12,059	10,482	6,034	3,073	1,348	3,711
MAXIMUM DAY	193	373	188	264	317	450	451	433	264	165	117	232
MINIMUM DAY	0	112	106	39	183	324	312	213	140	38	0	24
MEAN	73	229	149	136	268	396	389	338	201	99	45	120
TOTAL AC. FT.	4,493	12,730	9,160	8,067	16,469	23,574	23,919	20,791	11,968	6,095	2,674	7,361
WHOLE YEAR:-	TOTAL,	74,263	MAX.,	451	MIN.,	0	MEAN,	203	TOTAL AC.FT.,	147,301		

KERN DELTA WATER DISTRICT KERN ISLAND CANAL SERVICE AREA

Year: 2006

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	18,446	16,661	18,294	18,000	20,251	18,981	18,446	18,446	17,815	18,398	16,470	18,049	218,257
Release	14,176	2,824	7,235	2,969	0	0	0	340	6,004	12,576	13,768	10,632	70,524
Entitlement + or - Releases	4,270	13,837	11,059	15,031	20,251	18,981	18,446	18,106	11,811	5,822	2,702	7,417	147,733
Into Storage	16	2,351	3,681	6,708	2,652	0	0	557	69	42	28	14	16,118
From Storage	0	91	0	0	50	6,946	5,982	1,957	0	0	0	0	15,026
From City of Bakersfield	0	0	0	0	0	0	0	0	0	0	0	0	0
River and Carrier Canal Loss	0	0	0	0	0	0	0	0	0	16	0	42	58
Other	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	445	1,051	1,968	2,435	2,269	942	0	0	0	0	9,110
To City of Bakersfield	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
Via North Kern WSD	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	4,254	11,577	6,933	7,272	15,681	23,492	22,159	18,564	11,742	5,764	2,674	7,361	137,473
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	4,254	11,577	6,933	7,272	15,681	23,492	22,159	18,564	11,742	5,764	2,674	7,361	137,473
Utility Deliveries	1,958	8,631	4,638	4,404	11,158	18,717	17,153	14,639	8,572	3,543	1,080	5,389	99,882
Contract Deliveries	251	655	287	441	787	777	824	466	212	206	0	0	4,906
Total Irrigation Deliveries	2,209	9,286	4,925	4,845	11,945	19,494	17,977	15,105	8,784	3,749	1,080	5,389	104,788
Canal Conveyance Losses	2,045	2,291	2,008	2,427	3,736	3,998	4,182	3,459	2,958	2,015	1,594	1,972	32,685
Delivery Percentage	52%	80%	71%	67%	76%	83%	81%	81%	75%	65%	40%	73%	76%
Into Reservoir Storage	16	2,351	3,681	6,708	2,652	0	0	557	69	42	28	14	16,118
Reservoir Evaporation Loss	16	18	28	103	233	264	196	81	69	42	28	14	1,092
From Reservoir Storage	0	91	0	0	50	6,946	5,982	1,957	0	0	0	0	15,026
End of Month Reservoir Storage	2,500	4,742	8,395	15,000	17,369	10,159	3,981	2,500	2,500	2,500	2,500	2,500	2,500
State Exchange Diverted	0	713	962	113	0	306	1,261	1,238	0	0	0	0	4,588
State Exchange Delivered (Irrigation)	0	713	962	113	0	306	1,261	1,162	0	0	0	0	4,517
State Exchange Delivered (Loss/Spreading)	0	0	0	0	0	0	0	71	0	0	0	0	71
Lower River Water Diverted	0	0	0	0	0	0	629	492	0	0	0	0	1,121
Lower River Water Delivered (Irrigation)	0	0	0	0	0	0	629	492	0	0	0	0	1,121
Lower River Water Del. (Loss/Spreading)	0	0	0	0	0	0	0	0	0	0	0	0	0
Oilfield Reclaimed Water Diverted	44	89	95	345	0	0	0	0	0	0	0	42	615
MWD (CVC) Water Diverted	0	0	0	0	0	0	0	0	0	10	0	0	10

**KERN ISLAND CANAL
ENTITLEMENT AND DIVERSION OF CONTRACT WATER**

BALFOUR - GUTHRIE CONTRACT

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

Year: 2006

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
KERN ISLAND CANAL ENTITLEMENT:													
Maximum	18,446	16,661	18,424	17,851	18,446	17,851	18,446	18,446	17,851	18,446	17,851	18,446	217,165
Actual	18,446	16,661	18,294	17,851	18,446	17,851	18,446	18,446	17,815	18,398	16,470	18,049	215,173
Maximum Percentage	100.00%	100.00%	99.29%	100.00%	100.00%	100.00%	100.00%	100.00%	99.80%	99.74%	92.26%	97.85%	

CONTRACT ENTITLEMENT:													
Maximum	269	242	269	260	269	260	269	269	260	269	260	--	2,896
Actual	269	242	267	260	269	260	269	269	259	268	240	--	2,872
Sum to Date	269	511	778	1,038	1,307	1,567	1,836	2,105	2,364	2,632	2,872	2,872	

CONTRACT DIVERTED:													
For Month	61	274	103	143	421	539	578	220	0	0	0	0	2,339
To Date	61	335	438	581	1,002	1,541	2,119	2,339	2,339	2,339	2,339	2,339	

UNUSED ENTITLEMENT:													
For Month	208	(32)	164	117	(152)	(279)	(309)	49	259	268	240	0	533
Sum to Date	208	176	340	457	305	26	(283)	(234)	25	293	533	533	

**KERN ISLAND CANAL
ENTITLEMENT AND DIVERSION OF CONTRACT WATER**

BLOOMFIELD CONTRACT

Year: 2006

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

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
KERN ISLAND CANAL ENTITLEMENT:													
Maximum	18,446	16,661	18,424	17,851	18,446	17,851	18,446	18,446	17,851	18,446	17,851	18,446	217,165
Actual	18,446	16,661	18,294	17,851	18,446	17,851	18,446	18,446	17,815	18,398	16,470	18,049	215,173
Maximum Percentage	100.00%	100.00%	99.29%	100.00%	100.00%	100.00%	100.00%	100.00%	99.80%	99.74%	92.26%	97.85%	
CONTRACT ENTITLEMENT:													
Maximum	336	303	336	325	336	325	336	336	325	336	325	--	3,619
Actual	336	303	334	325	336	325	336	336	324	335	300	--	3,590
Sum to Date	336	639	973	1,298	1,634	1,959	2,295	2,631	2,955	3,290	3,590	3,590	
CONTRACT DIVERTED:													
For Month	190	381	184	298	366	238	246	246	212	206	0	0	2,567
To Date	190	571	755	1,053	1,419	1,657	1,903	2,149	2,361	2,567	2,567	2,567	
UNUSED ENTITLEMENT:													
For Month	146	(78)	150	27	(30)	87	90	90	112	129	300	0	1,023
Sum to Date	146	68	218	245	215	302	392	482	594	723	1,023	1,023	

DISCHARGE IN CUBIC FEET PER SECOND

Total Flow via the Eastside Canal Headgate

Year: 2006

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	20	16	10	18	37	36	49	8	12	14	9
2	0	17	16	7	19	35	33	42	7	22	9	3
3	5	12	16	14	21	29	36	39	9	18	10	3
4	6	9	12	15	22	31	40	35	10	12	10	5
5	6	9	12	9	23	36	49	23	12	12	6	5
6	6	10	3	15	19	42	48	24	17	10	7	5
7	5	6	15	11	26	49	44	41	25	6	11	3
8	3	8	24	10	37	50	29	46	25	4	9	1
9	3	8	23	13	41	45	28	50	24	4	7	0
10	0	14	17	7	41	43	35	51	29	0	3	2
11	0	15	5	18	39	40	37	44	25	2	0	5
12	0	15	9	16	34	41	49	39	20	4	5	6
13	0	18	10	12	31	53	45	40	25	5	7	0
14	1	14	13	13	28	56	44	45	24	4	11	1
15	5	11	13	13	37	55	41	41	18	1	11	4
16	7	10	16	18	42	47	42	33	14	3	8	0
17	7	8	16	24	44	39	40	21	15	4	5	3
18	7	4	25	28	47	38	37	13	22	6	4	13
19	5	3	22	31	46	41	38	8	25	7	6	15
20	9	5	5	25	43	44	42	12	17	13	6	9
21	9	15	9	17	24	49	42	19	14	12	6	8
22	10	17	16	14	37	46	42	23	14	0	5	8
23	10	15	18	17	33	43	41	24	10	4	6	8
24	9	8	18	24	35	35	46	21	10	5	6	8
25	13	7	17	26	35	30	49	10	14	10	6	7
26	15	8	14	28	30	31	51	9	18	11	8	0
27	15	1	5	29	23	41	50	7	18	8	6	0
28	12	14	11	28	24	39	48	12	12	10	8	0
29	12	-	14	23	28	38	43	13	10	11	7	0
30	20	-	15	18	32	39	44	7	8	11	9	0
31	20	-	17	-	33	-	52	7	-	10	-	0
TOTAL	220	301	442	533	992	1,242	1,301	848	499	241	216	131
MAXIMUM DAY	20	20	25	31	47	56	52	51	29	22	14	15
MINIMUM DAY	0	1	3	7	18	29	28	7	7	0	0	0
MEAN	7	11	14	18	32	41	42	27	17	8	7	4
TOTAL AC. FT.	436	597	877	1,057	1,968	2,463	2,580	1,682	990	478	428	260
WHOLE YEAR:-	TOTAL,	6,966	MAX.,	56	MIN.,	0	MEAN,	19	TOTAL AC.FT.,	13,816		

**KERN DELTA WATER DISTRICT
EASTSIDE CANAL SERVICE AREA**

Quantities in acre-feet

Year: 2006

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	0	0	445	1,051	1,968	2,435	2,269	942	0	0	0	0	9,110
State Exchange Diverted	436	597	432	6	0	28	206	569	948	413	428	260	4,323
City Miscellaneous Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
Lower River Water Diverted	0	0	0	0	0	0	105	171	0	0	0	0	276
MWD Water Diverted	0	0	0	0	0	0	0	0	42	65	0	0	107
Eastside Canal at Head	436	597	877	1,057	1,968	2,463	2,580	1,982	990	478	428	260	13,816

Utility Deliveries	0	0	308	813	1,732	2,273	1,950	934	0	0	0	0	8,010
Contract Deliveries	0	0	64	36	76	0	0	0	0	0	0	0	176
Subtotal Utility Deliveries	0	0	372	849	1,808	2,273	1,950	934	0	0	0	0	8,186
State Exchange Delivered	204	402	386	6	0	28	206	569	948	413	310	210	3,682
City Miscellaneous Delivered	0	0	0	0	0	0	0	0	0	0	0	0	0
Lower River Water Delivered	0	0	0	0	0	0	105	171	0	0	0	0	276
MWD Water Delivered	0	0	0	0	0	0	0	0	42	50	0	0	92
Subtotal State/Other Deliveries	204	402	386	6	0	28	311	740	990	463	310	210	4,050
Total Irrigation Deliveries	204	402	758	855	1,808	2,301	2,261	1,674	990	463	310	210	12,236

Canal Loss (Utility)	0	0	73	202	160	162	319	8	0	0	0	0	924
Canal Loss (State)	232	195	46	0	0	0	0	0	0	0	118	50	641
Canal Loss (Other)	0	0	0	0	0	0	0	0	0	15	0	0	15
Total Canal Loss	232	195	119	202	160	162	319	8	0	15	118	50	1,580
Delivery Percentage	47%	67%	86%	81%	92%	93%	88%	100%	100%	97%	72%	81%	89%

Year: 2006

Total Flow via the Buena Vista Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	10	36	59	13	9	71	97	95	63	50	0	28
2	9	34	56	13	22	76	106	88	61	36	0	35
3	10	35	54	14	21	87	113	89	57	30	0	36
4	18	30	58	11	32	100	109	100	55	30	0	40
5	15	32	57	9	41	104	110	97	56	30	0	38
6	16	34	48	10	35	109	107	100	64	30	0	43
7	18	33	37	13	36	112	108	106	60	29	0	42
8	30	31	28	9	39	114	100	115	49	29	0	29
9	33	35	0	9	47	119	87	118	43	31	0	24
10	33	35	0	8	43	118	86	121	40	30	0	23
11	31	36	0	0	42	121	84	110	43	30	0	20
12	29	44	0	0	52	118	90	101	46	29	0	15
13	30	44	0	0	53	108	101	79	49	28	0	18
14	24	52	0	0	48	106	98	51	36	29	0	21
15	9	60	0	0	65	97	89	56	33	29	0	17
16	9	57	0	0	71	77	90	64	30	30	0	14
17	9	59	0	0	64	67	110	71	32	31	0	11
18	10	48	0	0	67	70	124	77	56	31	0	21
19	18	43	0	0	68	79	120	76	55	30	0	25
20	29	60	16	0	68	93	118	80	61	31	0	24
21	29	64	10	0	73	101	109	91	63	31	0	13
22	24	66	12	24	72	89	86	88	73	31	9	10
23	10	74	15	29	69	86	88	77	76	32	29	0
24	16	70	13	16	68	88	96	61	61	37	27	0
25	25	73	14	15	74	94	100	69	69	36	32	5
26	42	72	18	14	82	90	105	68	56	30	33	7
27	40	74	16	9	86	76	107	71	52	30	31	9
28	29	60	16	9	80	77	104	72	46	30	22	8
29	31	-	12	9	69	89	93	68	45	29	20	31
30	35	-	12	9	71	98	102	65	52	29	26	29
31	36	-	12	-	70	-	104	64	-	20	-	24
TOTAL	707	1,391	563	243	1,737	2,834	3,141	2,588	1,582	958	229	660
MAXIMUM DAY	42	74	59	29	86	121	124	121	76	50	33	43
MINIMUM DAY	9	30	0	0	9	67	84	51	30	20	0	0
MEAN	23	50	18	8	56	94	101	83	53	31	8	21
TOTAL AC. FT.	1,402	2,759	1,117	482	3,445	5,621	6,230	5,133	3,138	1,900	454	1,309
WHOLE YEAR:-	TOTAL,	16,633	MAX.,	124	MIN.,	0	MEAN,	46	TOTAL AC.FT.,	32,990		

**KERN DELTA WATER DISTRICT
BUENA VISTA CANAL SERVICE AREA**

Quantities in acre-feet

Year: 2006

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	4,746	4,270	660	2,890	5,487	3,844	852	202	1,355	139	127	643	25,215
Release	(3,659)	(1,000)	1,108	166	670	488	0	190	2,908	2,164	528	1,239	4,802
Entitlement + or - Releases	1,087	3,270	1,768	3,056	6,157	4,332	852	392	4,263	2,303	655	1,882	30,017
Into Storage	10	638	916	2,664	3,251	347	0	190	1,204	253	16	8	9,497
From Storage	0	0	0	0	0	1,020	4,333	3,276	262	0	0	0	8,891
Via Cawelo Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
Via North Kern WSD	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
Transfer in Storage	0	0	0	0	0	0	0	0	0	0	0	0	0
+ or -	0	0	0	0	0	0	0	0	0	0	0	0	0
Carrier Canal/River Loss	58	440	0	0	0	0	0	0	439	255	185	607	1,984
Diverted at Head of Canal	1,019	2,192	852	392	2,906	5,005	5,185	3,478	2,882	1,795	454	1,267	27,427
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	1,019	2,192	852	392	2,906	5,005	5,185	3,478	2,882	1,795	454	1,267	27,427
Utility Deliveries	421	1,760	491	69	2,100	4,289	4,615	2,969	2,251	1,259	226	855	21,305
Contract Deliveries	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Irrigation Deliveries	421	1,760	491	69	2,100	4,289	4,615	2,969	2,251	1,259	226	855	21,305
Canal Conveyance Losses	598	432	361	323	806	716	570	509	631	536	228	412	6,122
Delivery Percentage	41%	80%	58%	18%	72%	86%	89%	85%	78%	70%	50%	67%	78%

Into Reservoir Storage	10	638	916	2,664	3,251	347	0	190	1,204	253	16	8	9,497
Reservoir Evaporation Loss	10	10	12	34	109	165	154	40	22	26	16	8	606
From Reservoir Storage	0	0	0	0	0	1,020	4,333	3,276	262	0	0	0	8,891
End of Month Reservoir Storage	1,500	2,128	3,032	5,662	8,804	7,966	3,479	353	1,273	1,500	1,500	1,500	

State Exchange Diverted	0	0	219	90	0	20	99	772	0	0	0	0	1,200
State Exchange Delivered (Irrigation)	0	0	165	0	0	0	0	655	0	0	0	0	820
State Exchange Delivered (Loss/Spd.)	0	0	54	90	0	20	99	117	0	0	0	0	380
Mandatory Release Water Diverted	0	0	0	0	46	46	0	0	0	0	0	0	92
Lower River Exch. Del. (Loss/Spd.)	0	0	0	0	0	14	18	14	0	0	0	0	32
MWD (CVC) Water Diverted	0	0	0	0	0	0	0	6	6	51	0	0	57
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

Year: 2006

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Buena Vista Canal at Headworks	1,402	2,759	1,117	482	3,445	5,621	6,230	5,133	3,138	1,900	454	1,309	32,990
Buena Vista Canal from Maples Canal	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL BUENA VISTA CANAL SUPPLY	1,402	2,759	1,117	482	3,445	5,621	6,230	5,133	3,138	1,900	454	1,309	32,990

Deliveries: Head to Section 17

Buena Vista Utility	281	1,005	447	25	1,305	2,966	2,957	1,860	996	129	226	264	12,461
Buena Vista State Exchange (Irrigation)	0	0	165	0	0	0	0	206	0	0	0	0	371
Buena Vista State Exchange (Spreading)	0	0	54	90	0	20	99	0	0	0	0	0	263
Buena Vista Mandatory Release (Spdg.)	0	0	0	0	46	46	0	0	0	0	0	0	92
Buena Vista Lower River Exch. (Spdg.)	0	0	0	0	0	0	18	14	0	0	0	0	32
Stine Utility	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Total	281	1,005	666	115	1,351	3,032	3,074	2,080	996	129	226	264	13,219

Deliveries: At or Below Section 17

Buena Vista Utility	140	755	44	44	795	1,323	1,658	1,109	1,255	1,130	0	591	8,844
Buena Vista State Exchange (Irrigation)	0	0	0	0	0	0	0	449	0	0	0	0	449
Stine Utility	383	568	0	0	0	0	0	0	0	0	0	0	951
Stine State Exchange (Irrigation)	0	0	0	0	0	0	0	0	0	0	0	0	0
Stine State Exchange (Spreading)	0	0	46	0	0	36	367	366	0	0	0	0	835
Stine Mandatory Release (Spreading)	0	0	0	0	420	224	0	0	0	0	0	0	644
Stine Lower River Exch. (Spreading)	0	0	0	0	0	0	109	0	0	0	0	0	109
Kern Island Utility	0	0	0	0	63	232	389	419	250	47	0	30	1,430
Sub-Total	523	1,323	90	44	1,278	1,815	2,543	2,343	1,505	1,177	0	621	13,262

	TOTAL DELIVERED	804	2,328	756	159	2,629	4,847	5,617	4,423	1,306	226	885	26,481
Canal Conveyance Losses	598	431	361	323	816	774	613	710	637	594	228	424	6,509
Delivery Percentage	57%	84%	68%	33%	76%	86%	90%	86%	80%	69%	50%	68%	80%

DISTRIBUTION:

Buena Vista Utility	1,019	2,192	852	392	2,906	5,005	5,185	3,478	2,882	1,795	454	1,267	27,427
Buena Vista State Exchange	0	0	219	90	0	20	99	772	0	0	0	0	1,200
Buena Vista Mandatory Release	0	0	0	0	46	46	0	0	0	0	0	0	92
Buena Vista Lower River Exchange	0	0	0	0	0	0	18	14	0	0	0	0	32
MWD (CVC) Water Diverted	0	0	0	0	0	0	0	0	6	51	0	0	57
Stine Utility	383	567	0	0	0	0	0	0	0	0	0	0	950
Stine State Exchange	0	0	46	0	0	36	387	366	0	0	0	0	835
Stine Mandatory Release	0	0	0	0	420	224	0	0	0	0	0	0	644
Stine Lower River Exchange	0	0	0	0	0	0	109	0	0	0	0	0	109
Kern Island Utility	0	0	0	0	73	290	432	503	250	54	0	42	1,644
TOTAL	1,402	2,759	1,117	482	3,445	5,621	6,230	5,133	3,138	1,900	454	1,309	32,990

Year: 2006

Total Flow via the Stine Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	47	30	40	34	93	115	124	59	31	0	0
2	0	38	35	32	44	96	124	117	52	34	0	0
3	0	39	48	35	57	97	127	121	56	36	7	0
4	8	34	42	37	52	98	127	111	57	35	20	0
5	20	28	42	34	51	100	127	111	55	39	28	0
6	19	27	44	34	51	104	126	121	52	36	29	0
7	18	30	47	32	61	111	125	125	48	35	35	0
8	18	30	43	23	79	107	125	136	53	31	30	0
9	16	29	39	21	82	106	122	133	60	33	31	0
10	18	27	39	32	75	105	126	121	58	28	30	0
11	24	27	41	32	73	118	131	106	58	28	25	0
12	25	29	45	30	80	132	137	100	55	32	21	0
13	25	38	47	30	91	132	137	96	48	31	22	0
14	25	42	48	29	90	132	131	108	45	27	20	0
15	24	48	50	23	92	132	120	110	41	28	20	0
16	30	48	48	19	89	130	119	109	39	42	19	0
17	41	49	48	18	79	130	133	109	29	43	22	0
18	42	45	47	29	81	130	138	105	0	44	20	0
19	38	35	42	36	81	137	141	91	0	39	20	0
20	27	36	46	40	82	146	140	82	0	28	18	0
21	20	39	47	37	84	138	130	83	26	30	20	0
22	24	39	46	37	85	132	103	84	40	29	21	0
23	30	39	44	38	87	128	110	95	39	31	20	0
24	31	35	43	38	90	120	120	94	35	39	19	0
25	38	36	43	30	90	122	126	93	38	65	20	0
26	46	36	41	30	83	128	123	88	40	71	20	0
27	40	33	41	31	72	128	119	82	39	71	20	0
28	34	26	41	31	68	121	130	78	38	77	19	0
29	44	-	41	30	65	113	120	73	35	70	19	0
30	57	-	43	32	66	116	108	82	31	74	4	0
31	57	-	47	-	79	-	135	76	-	34	-	0
TOTAL	839	1,009	1,348	940	2,293	3,582	3,895	3,164	1,226	1,271	599	0
MAXIMUM DAY	57	49	50	40	92	146	141	136	60	77	35	0
MINIMUM DAY	0	26	30	18	34	93	103	73	0	27	0	0
MEAN	27	36	43	31	74	119	126	102	41	41	20	0
TOTAL AC. FT.	1,664	2,001	2,674	1,864	4,548	7,105	7,726	6,276	2,432	2,521	1,188	0
WHOLE YEAR:-	TOTAL,	20,166	MAX.,	146	MIN.,	0	MEAN,	55	TOTAL AC.FT.,	39,999		

DISCHARGE IN CUBIC FEET PER SECOND

Stine via Arvin-Edison Intake Canal

Year: 2006

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	0
30	0	0	0	0	0	0	0	0	0	0	0	0
31	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
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	0	0	0	0	0	0	0	0	0	0
	MEAN,	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

KERN DELTA WATER DISTRICT STINE CANAL SERVICE AREA

Quantities in acre-feet

Year: 2006

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	7,047	3,217	1,226	3,390	4,836	3,400	1,454	369	0	0	0	0	24,939
Release	(5,523)	(252)	(498)	(170)	0	0	0	0	0	758	2,110	342	(3,233)
Entitlement + or - Releases	1,524	2,965	728	3,220	4,836	3,400	1,454	369	0	758	2,110	342	21,706
Into Storage	10	640	728	2,085	1,679	50	0	0	0	621	1,023	342	7,178
From Storage	0	0	0	0	18	1,270	3,333	1,286	389	151	329	0	6,776
Via 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	0	0	0	0	0	0	0	0	0	0	0	0	0
Carrier Canal Loss	10	189	0	0	0	0	0	0	95	12	228	0	534
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted at Head of Canal	1,504	2,136	0	1,135	3,175	4,620	4,787	1,555	294	276	1,188	0	20,770
From Cawelo Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Utility Supply	1,504	2,136	0	1,135	3,175	4,620	4,787	1,555	294	276	1,188	0	20,770
Utility Deliveries	963	1,460	0	413	2,008	3,526	3,525	1,184	173	260	235	0	13,747
Contract Deliveries	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Irrigation Deliveries	963	1,460	0	413	2,008	3,526	3,525	1,184	173	260	235	0	13,747
Canal Conveyance Losses	541	676	0	722	1,167	1,094	1,262	471	121	16	953	0	7,023
Delivery Percentage	64%	68%	0%	36%	63%	76%	74%	72%	59%	94%	20%	0%	66%

Into Reservoir Storage	10	640	728	2,085	1,679	50	0	0	0	621	1,023	342	7,178
Reservoir Evaporation Loss	10	10	10	32	84	115	91	19	5	4	14	8	402
From Reservoir Storage	0	0	0	0	18	1,270	3,333	1,286	389	151	329	0	6,776
End of Month Reservoir Storage	1,500	2,130	2,848	4,901	6,478	5,143	1,719	414	20	486	1,166	1,500	

State Exchange Diverted	0	0	3,019	369	0	54	577	2,481	1,305	538	0	0	8,343
State Exchange Delivered (Irrigation)	0	0	1,735	104	0	0	0	1,710	861	158	0	0	4,568
State Exchange Delivered (Loss/Spreading)	0	0	1,284	265	0	54	577	771	444	380	0	0	3,775
MWD (CVC) Water Diverted	0	0	0	0	0	0	0	0	716	1,468	0	0	2,184
MWD (CVC) Water Delivered	0	0	0	0	0	0	0	0	430	910	0	0	1,340
Mandatory Release Water Diverted	0	0	0	0	643	361	0	0	0	0	0	0	1,004
Lower River Exch. Del. (Loss/Spreading)	0	0	0	0	0	0	188	115	0	0	0	0	303

**KERN DELTA WATER DISTRICT
FARMERS CANAL SERVICE AREA**

Quantities in acre-feet

Year: 2006

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	3,709	522	1,186	3,390	4,836	3,400	1,454	317	0	0	0	0	18,814
Release	(2,961)	399	(474)	(286)	(1,544)	(961)	(351)	0	0	0	960	265	(4,953)
Entitlement + or - Releases	748	921	712	3,104	3,292	2,439	1,103	317	0	0	960	265	13,861
Into Storage	10	336	712	2,407	1,374	186	28	0	0	0	960	265	6,278
From Storage	0	198	0	0	0	99	1,861	3,037	577	0	0	0	5,772
Transfer in Storage	0	0	0	0	0	0	0	0	0	0	0	0	0
Carrier Canal Loss	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
Diverted at Head of Canal	738	783	0	697	1,918	2,352	2,936	3,354	577	0	0	0	13,355
Utility Deliveries	516	627	0	391	1,372	1,789	2,403	2,514	339	0	0	0	9,951
Contract Deliveries	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Irrigation Deliveries	516	627	0	391	1,372	1,789	2,403	2,514	339	0	0	0	9,951
Canal Conveyance Losses	222	156	0	306	546	563	533	840	238	0	0	0	3,404
Delivery Percentage	70%	80%	0%	56%	72%	76%	82%	75%	59%	0%	0%	0%	75%

Into Reservoir Storage	10	336	712	2,407	1,374	186	28	0	0	0	960	265	6,278
Reservoir Evaporation Loss	10	8	8	30	85	115	139	71	18	6	8	8	506
From Reservoir Storage	0	198	0	0	0	99	1,861	3,037	577	0	0	0	5,772
End of Month Reservoir Storage	1,500	1,630	2,334	4,711	6,000	5,972	4,000	892	297	291	1,243	1,500	

State Exchange Diverted	0	0	871	0	0	6	6	0	0	495	0	0	1,378
State Exchange Delivered (Irrigation)	0	0	585	0	0	0	0	0	0	285	0	0	870
State Exchange Delivered (Loss/Spreading)	0	0	286	0	0	6	6	0	0	210	0	0	508
MWD (CVC) Water Diverted	0	0	0	0	0	0	0	0	0	119	0	0	119
MWD (CVC) Water Delivered	0	0	0	0	0	0	0	0	0	34	0	0	34
Mandatory Release Water Diverted	0	0	0	0	69	18	0	0	0	0	0	0	87

Kern Delta Water District Kern River Water Diverted
via Kern River Canal

Year: 2006

DISCHARGE IN CUBIC FEET PER SECOND	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	0
30	0	0	0	0	0	0	0	0	0	0	0	0
31	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
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	0	0	0	0	0	0	0	0	0	0
	TOTAL,	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

KERN DELTA WATER DISTRICT
State Aqueduct Exchange Diversion and Storage Recapitulation

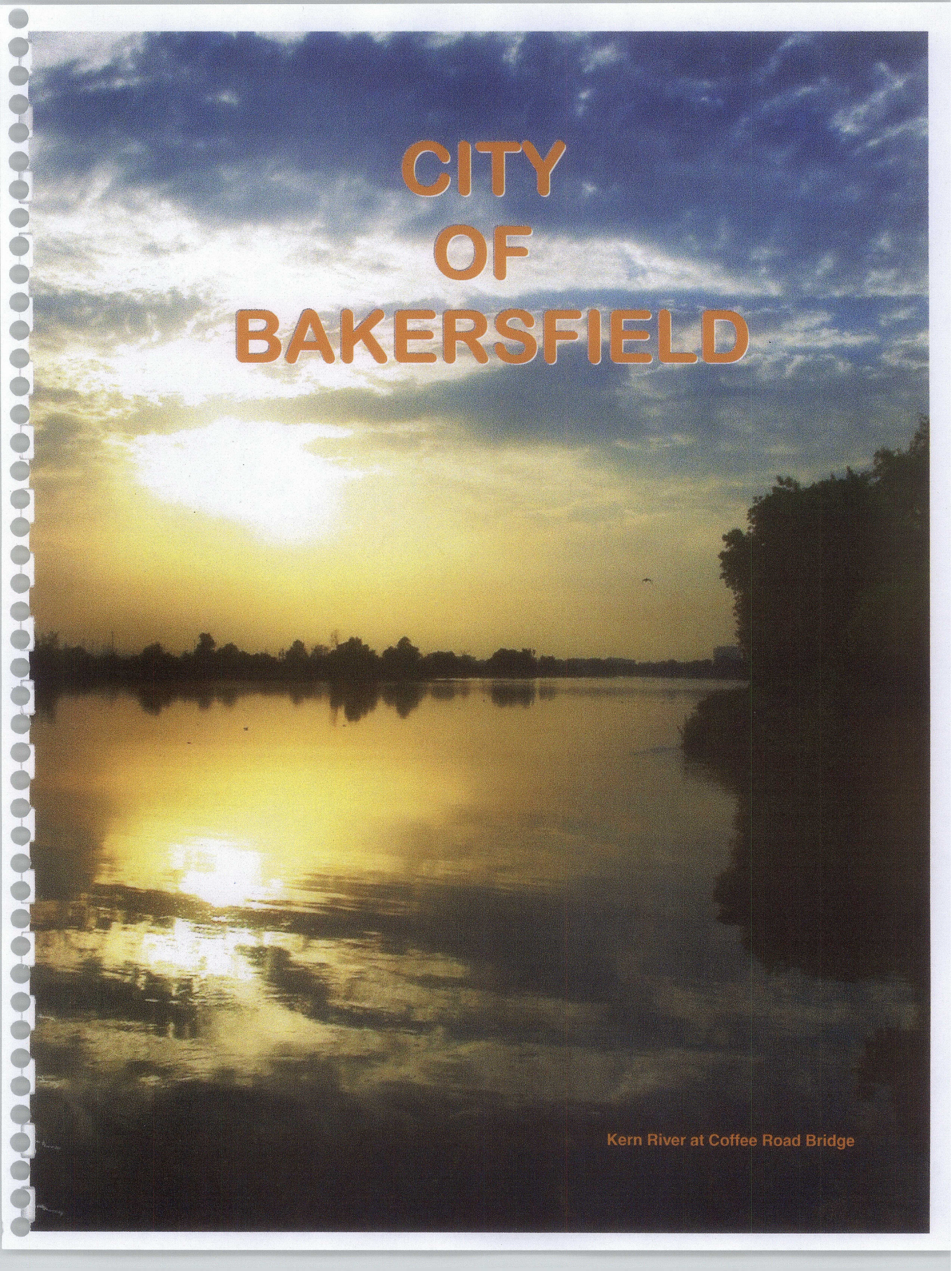
Quantities in acre-feet

Year: **2006**

	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
November	0	393	0	0	0	0	0	0	0	0	0	393	6,090
December	6	145	0	0	0	0	0	0	0	0	0	151	5,697
January	0	436	0	0	0	0	0	0	0	0	0	436	5,546
February	713	597	0	0	0	0	0	0	0	0	0	1,310	5,110
March	746	395	0	179	1,827	653	0	0	0	0	0	3,800	3,800
Total	1,465	1,966	0	179	1,827	653	0	0	0	0	0	6,090	0

March	216	37	0	40	1,192	218	0	0	0	0	0	1,703	26,205
April	113	6	0	90	369	0	0	0	0	0	0	578	24,502
May	0	0	0	0	0	0	0	0	0	0	0	0	23,924
June	306	28	0	20	54	6	646	0	0	0	0	1,060	23,924
July	1,261	206	0	99	577	6	4,823	0	0	0	0	6,972	22,864
August	1,233	569	0	772	2,481	0	4,247	0	0	0	0	9,302	15,892
September	0	948	0	0	1,305	0	0	0	0	0	0	2,253	6,590
October	0	413	0	0	538	495	0	0	0	0	0	1,446	4,337
Total	3,129	2,207	0	1,021	6,516	725	9,716	0	0	0	0	23,314	2,891

November	0	428	0	0	0	0	0	0	0	0	0	428	2,891
December	0	260	0	0	0	0	0	0	0	0	0	260	2,463
Total	0	688	0	0	0	0	0	0	0	0	0	688	2,203



CITY OF BAKERSFIELD

Kern River at Coffee Road Bridge

KERN RIVER CHANNEL OPERATIONS CITY OF BAKERSFIELD

Quantities in acre-feet

Year: 2006

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
+ Kern River at First Point of Measurement	54,835	31,242	23,722	48,758	271,940	255,933	155,395	84,474	43,823	20,580	19,236	17,750	1,027,688
- Computed Loss	676	611	676	655	676	655	676	676	655	676	655	676	7,963
- Beardsley Canal at Head	6,734	10,147	2,914	17,532	38,493	42,714	39,106	21,219	20,102	8,301	13,140	7,139	227,541
- Carrier Canal at Head	18,434	18,627	17,933	14,305	31,353	38,686	37,618	31,611	18,621	9,564	5,157	9,832	251,741
= Rocky Point Weir	28,991	1,857	2,199	16,266	201,418	173,878	77,995	30,968	4,445	2,039	284	103	540,443
+ 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	557	0	0	1,934	13,853	17,710	11,338	4,804	510	0	0	0	50,706
- Calloway Canal at Head	12,623	1,369	1,407	2,329	25,513	32,521	26,719	4,219	1,712	1,660	0	0	110,072
- River Loss: Rocky Point to Calloway Weir	728	488	587	823	857	708	647	573	537	379	129	103	6,559
= Calloway River Weir	15,083	0	205	11,180	161,195	122,939	39,291	21,372	1,686	0	155	0	373,106
+ CVC T.O. #4 to River	2,981	3,126	3,106	2,213	0	0	1,783	3,166	1,242	1,803	1,303	1,442	22,165
+ Truxtun Lake to River	0	0	0	0	0	0	0	0	0	0	0	0	0
+ CVC T.O. #3 to River	871	2,124	1,888	0	0	0	1,016	1,634	3,170	4,971	3,175	3,304	22,153
+ Friant-Kern Inflow	24,927	0	6,691	68,296	24,135	5,265	0	0	0	0	0	0	129,314
- River Canal from River	432	278	208	2,933	13,910	0	1,617	5,944	883	1,914	321	393	28,833
- River Loss: Cally. Weir to River Canal Weir	4,814	3,035	3,289	5,038	6,716	4,403	4,215	4,388	2,703	3,548	2,741	2,797	47,687
= River Canal Weir	38,616	1,937	8,393	73,718	164,704	123,801	36,258	15,840	2,512	1,312	1,571	1,556	470,218
+ Pioneer Turnout	9,247	278	3,893	5,405	5,248	549	530	2,622	1,113	296	321	817	30,319
- The Park at River Walk	432	278	208	278	498	361	300	303	280	296	321	393	3,948
+ CVC T.O. #2 to River	1,367	3,846	3,239	0	0	0	950	1,170	2,719	3,124	3,983	4,871	25,269
- Rosedale Channel at Head	9,650	0	3,838	11,445	15,324	15,815	12,946	10,255	1,640	0	0	0	80,913
- North Lake Turnout	159	133	77	141	184	175	184	141	0	0	0	0	1,194
- Pioneer Canal at Head	2,404	0	1,170	1,073	1,093	3,473	670	79	0	0	0	0	9,962
- Berranda Mesa Pipeline Turnout	2,380	2,122	2,231	1,791	1,930	1,916	1,968	2,172	2,019	2,491	2,916	4,003	27,939
- River Loss: River Canal to Bellevue Weir	2,866	1,795	2,051	2,174	2,442	1,763	1,712	1,763	1,343	1,458	1,440	1,410	22,217
= Flow at Bellevue Weir	31,339	1,733	5,950	62,221	148,481	100,847	19,958	4,919	1,062	487	1,198	1,438	379,633
- River Loss: Bellevue Weir to ID#4 Boundary	516	540	561	595	585	357	307	307	298	272	298	287	4,923
- River Loss: ID#4 Boundary to 2800 Acres	516	540	561	595	585	357	307	307	254	167	298	287	4,774
+ CVC T.O. #1 to River	5,153	13,644	10,510	0	0	298	5,887	9,775	9,927	7,658	11,865	12,214	86,931
+ River Canal Turnout to 2800 Acres	0	0	0	0	0	0	0	0	0	0	0	0	0
- Pioneer Central from 2800 Acres	3,785	4,258	3,382	5,107	5,893	4,177	3,660	3,251	2,063	825	2,602	4,060	43,063
- Pioneer North from 2800 Acres	8,706	2,842	3,509	11,167	13,976	12,522	5,538	1,922	1,079	433	2,564	1,964	66,222
- Kern Water Bank from 2800 Acres	4,744	1,741	2,505	2,694	2,910	2,358	1,089	1,202	2,045	1,991	2,178	1,710	27,167
- Kern Water Bank Canal at Head	6,868	0	0	8,719	10,413	8,358	0	0	0	0	0	0	34,358
- River Loss: 2800 Acres to Second Point	0	0	0	1,270	2,093	1,220	0	0	0	0	0	0	4,583
- 2800 Acre Recharge Facility	7,273	5,456	5,619	9,673	10,320	8,970	7,053	6,983	5,250	4,457	5,123	5,344	81,521
= Second Point via Kern River Channel	4,084	0	323	22,401	101,706	62,826	7,891	722	0	0	0	0	199,953

CARRIER CANAL OPERATIONS CITY OF BAKERSFIELD

Year: 2006

Quantities in acre-feet

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
+ Carrier Canal at Head	18,434	18,627	17,933	14,305	31,353	38,686	37,618	31,611	18,621	9,564	5,157	9,832	251,741
- Carrier Waste Gate	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Oilfield Discharge	46	89	95	345	0	0	0	0	0	0	0	106	681
- Canal Refill	0	0	0	0	0	0	0	0	0	0	0	0	0
= Carrier Reclamation Weir	18,480	18,716	18,028	14,650	31,353	38,686	37,618	31,611	18,621	9,564	5,157	9,938	252,422
+ Storm Drain Inflow	20	6	0	0	0	0	0	0	0	0	0	39	65
- Eastside Canal at Head	436	597	877	1,057	1,968	2,463	2,580	1,682	990	478	428	260	13,816
- Kern Island Canal at Head	4,493	12,730	9,160	8,067	16,469	23,574	23,919	20,791	11,968	6,095	2,674	7,361	147,301
= Levee No. 1	13,571	5,395	7,991	5,526	12,916	12,649	11,119	9,138	5,663	2,991	2,055	2,356	91,370
- Farmers-Stine-Anderson: to River	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Farmers-Stine-Anderson: from River	557	0	0	1,934	13,853	17,710	11,338	4,804	510	0	0	0	50,706
= Carrier Canal at Oak Street	14,128	5,395	7,991	7,460	26,769	30,359	22,457	13,942	6,173	2,991	2,055	2,356	142,076
- Stine Canal at Head	1,664	2,001	2,674	1,864	4,548	7,105	7,726	6,276	2,432	2,521	1,188	0	39,999
- Carrier to Truxtun Lakes	1,006	1,111	770	649	1,218	1,188	1,103	1,285	918	0	6	488	9,742
+ Truxtun Lakes to Carrier	1,006	1,111	770	649	1,218	1,188	1,311	1,465	1,079	95	6	488	10,386
- Arvin-Edison Turnout	1,543	0	0	0	7,014	7,710	0	0	0	0	0	0	16,267
- Total Carrier Canal Loss	704	635	515	649	722	613	680	642	534	283	413	623	7,013
+ River Canal from River	432	278	208	2,933	13,910	0	1,617	5,944	883	1,914	321	393	28,833
= River Canal at Stockdale Highway	10,649	3,037	5,010	7,880	28,395	14,931	15,876	13,148	4,251	2,196	775	2,126	108,274
- Buena Vista Canal at Head	1,402	2,759	1,117	482	3,445	5,621	6,230	5,133	3,138	1,900	454	1,309	32,990
- Pioneer Turnout	9,247	278	3,893	5,405	5,248	549	530	2,622	1,113	296	321	817	30,319
- James Canal at Head	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Pioneer Well Water Production	0	0	0	0	0	0	0	0	0	0	0	0	0
= River Canal at Alternate Second Point	0	0	0	1,993	19,702	8,761	9,116	5,393	0	0	0	0	44,965
+ 2800 Acre Well Water Production	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Berrenda Mesa Well Water Production	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Pioneer Well Water Production	0	0	0	0	0	0	0	0	0	0	0	0	0
+ KWB Well Water Production	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
- Henry Miller WD 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	0	0	0	1,993	19,702	8,761	9,116	5,393	0	0	0	0	44,965

**MONTHLY SUMMARY OF ENTITLEMENT, EXCHANGES, DIVERSIONS, DELIVERIES, LOSSES & SALES
CITY OF BAKERSFIELD**

Quantities in acre-feet

Year: 2006

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	6,006	1,278	23,889	30,995	69,260	43,981	26,583	11,431	722	566	199	591	215,501
Release	14,448	52	1,065	583	343	330	297	80	468	664	991	639	19,960
ENTITLEMENT + OR - RELEASES	20,454	1,330	24,954	31,578	69,603	44,311	26,880	11,511	1,190	1,230	1,190	1,230	235,461
NKWS to City	2,729	0	0	0	0	0	0	0	0	0	0	261	2,990
From Reservoir Storage	0	1,750	0	125	27,792	7,939	11,638	10,882	2,899	0	0	0	63,025
Into Reservoir Storage	3,122	10,161	12,697	12,572	0	2,931	7,854	642	60	1,016	6,301	200	57,556
Other	5,546	10,000	0	4,430	6,749	30,644	0	0	(77)	1,146	6,322	6	64,766
TOTAL SUPPLY	25,607	2,919	12,257	23,561	104,144	79,963	30,664	21,751	3,952	1,360	1,211	1,297	308,686
County of Kern (Above First Point)	28	31	66	90	118	155	187	176	135	99	64	40	1,189
Kern Valley Golf Course	6	3	0	8	29	36	36	37	28	23	12	2	220
California Water Service Company	889	1,002	1,074	1,043	1,362	1,658	1,876	1,754	1,453	1,185	1,101	828	15,225
Olesee Water District	13	4	25	21	92	130	144	123	118	53	35	20	778
North Kern WSD (Basic Contract)	0	0	0	0	0	0	10,000	10,000	0	0	0	0	20,000
North Kern WSD (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	104	104
North Kern WSD (Borrow/Payback)	0	0	3,021	0	0	0	0	0	0	0	0	0	3,021
Cawelo WD (Basic Contract)	0	0	1,519	2,295	8,630	9,382	6,400	3,774	0	0	0	0	32,000
Cawelo WD (Miscellaneous)	0	1,880	0	0	0	0	0	0	0	0	0	0	1,880
Kern-Tulare WD (Basic Contract)	0	0	1,734	2,571	3,610	4,130	5,220	2,803	1,929	0	0	0	21,997
Kern-Tulare WD (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rag Gulch WD (Basic Contract)	0	0	260	385	540	620	782	420	288	0	0	0	3,295
Rag Gulch WD (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale RBWSD (Basic Contract)	9,650	0	350	0	0	0	0	0	0	0	0	0	10,000
Rosedale RBWSD (Miscellaneous)	0	0	3,488	9,233	0	1,656	2,981	0	0	0	0	285	17,643
Rosedale RBWSD (Mandatory Release)	0	0	0	694	11,067	8,927	0	0	0	0	0	0	20,688
Rosedale Ranch ID	135	0	0	353	0	464	2,359	2,021	0	0	0	0	5,332
Kern Water Bank Authority	6,282	0	0	139	13,323	9,994	0	0	0	0	0	0	29,738
Kern County Water Agency	2,794	0	0	651	22,892	19,478	0	0	0	0	0	0	45,815
Arvin-Edison WSD	1,543	0	0	0	7,014	7,710	0	0	0	0	0	0	16,267
North Lake	0	0	0	12	184	175	0	0	0	0	0	0	371
The Park at River Walk	0	0	0	34	498	361	0	0	0	0	0	0	893
Glen Grundeis	0	0	0	0	0	0	0	0	0	0	0	2	2
Michael Harvick	0	0	0	0	0	0	0	0	0	0	0	2	2
Joy Cordova	0	0	0	0	0	0	0	0	0	0	0	2	2
Gunn Construction	0	0	0	0	0	0	0	0	0	0	0	2	2
First Point Passing Second Point	0	0	0	567	11,323	0	0	0	0	0	0	0	11,890
2800 Acre Banking	3,628	0	0	991	10,320	7,486	0	0	0	0	0	0	22,425
River and Carrier Canal Loss	639	(1)	720	4,474	13,142	7,601	679	643	1	0	(1)	10	27,907
TOTAL DIVERTED	25,607	2,919	12,257	23,561	104,144	79,963	30,664	21,751	3,952	1,360	1,211	1,297	308,686
Into Reservoir Storage	3,122	10,161	12,697	12,572	0	2,931	7,854	642	60	1,016	6,301	200	57,556
Reservoir Evaporation Loss	139	190	179	414	649	472	386	260	201	121	117	69	3,197
From Reservoir Storage	0	1,750	0	125	27,792	7,939	11,638	10,882	2,899	0	0	0	63,025
End of Month Reservoir Storage	22,814	31,035	43,553	55,586	27,145	21,665	17,495	6,995	3,955	4,850	11,034	11,165	

**CITY OF BAKERSFIELD
STATUS OF LONG TERM CONTRACTS**

Quantities in acre-feet

NORTH KERN WATER STORAGE DISTRICT					
Year	Basic Contract Amount		Cumulative Contract Delivery		Basic Contract Balance
	Contract Amount	Delivered	Contract Amount	Delivery	
1977	20,000	20,000	20,000	20,000	0
1978	20,000	20,000	40,000	40,000	0
1979	20,000	20,000	60,000	60,000	0
1980	20,000	20,000	80,000	80,000	0
1981	20,000	20,000	100,000	100,000	0
1982	20,000	20,000	120,000	120,000	0
1983	20,000	20,000	140,000	140,000	0
1984	20,000	20,000	160,000	160,000	0
1985	20,000	20,000	180,000	180,000	0
1986	20,000	20,000	200,000	200,000	0
1987	20,000	20,000	220,000	220,000	0
1988	20,000	20,000	240,000	240,000	0
1989	20,000	20,000	260,000	260,000	0
1990	20,000	20,000	280,000	280,000	0
1991	20,000	20,000	300,000	300,000	0
1992	20,000	20,000	320,000	314,381	(5,619)
1993	20,000	20,000	340,000	338,081	(1,919)
1994	20,000	20,000	360,000	358,081	(1,919)
1995	20,000	20,000	380,000	380,000	0
1996	20,000	20,000	400,000	400,000	0
1997	20,000	20,000	420,000	420,000	0
1998	20,000	20,000	440,000	440,000	0
1999	20,000	20,000	460,000	460,000	0
2000	20,000	20,000	480,000	480,000	0
2001	20,000	20,000	500,000	500,000	0
2002	20,000	20,000	520,000	520,000	0
2003	20,000	20,000	540,000	540,000	0
2004	20,000	20,000	560,000	560,000	0
2005	20,000	20,000	580,000	580,000	0
2006	20,000	20,000	600,000	600,000	0

CAWELO WATER DISTRICT					
Year	Basic Contract Amount		Cumulative Contract Delivery		Basic Contract Balance
	Contract Amount	Delivered	Contract Amount	Delivery	
1977	27,000	27,000	27,000	5,024	(21,976)
1978	27,000	27,000	54,000	35,404	40,428
1979	27,000	27,000	81,000	36,780	77,208
1980	27,000	27,000	108,000	30,792	108,000
1981	27,000	27,000	135,000	27,000	135,000
1982	27,000	27,000	162,000	27,000	162,000
1983	27,000	27,000	189,000	27,000	189,000
1984	27,000	27,000	216,000	27,000	216,000
1985	27,000	27,000	243,000	27,000	243,000
1986	27,000	27,000	270,000	27,000	270,000
1987	27,000	27,000	297,000	27,000	297,000
1988	27,000	27,000	324,000	12,821	309,821
1989	27,000	27,000	351,000	22,460	332,281
1990	27,000	27,000	378,000	17,723	350,004
1991	27,000	27,000	405,000	28,316	378,320
1992	27,000	27,000	432,000	28,868	408,188
1993	27,000	27,000	459,000	32,000	440,188
1994	27,000	27,000	486,000	23,760	463,948
1995	27,000	27,000	513,000	32,000	495,948
1996	27,000	27,000	540,000	32,000	527,948
1997	27,000	27,000	567,000	32,000	559,948
1998	27,000	27,000	594,000	32,000	591,948
1999	27,000	27,000	621,000	29,062	621,000
2000	27,000	27,000	648,000	648,000	0
2001	27,000	27,000	675,000	15,670	663,670
2002	27,000	27,000	702,000	18,270	681,940
2003	27,000	27,000	729,000	27,115	709,055
2004	27,000	27,000	756,000	23,341	732,396
2005	27,000	27,000	783,000	32,000	764,396
2006	27,000	27,000	810,000	30,000	794,396

KERN-TULARE WATER DISTRICT					
Year	Basic Contract Amount		Cumulative Contract Delivery		Basic Contract Balance
	Contract Amount	Delivered	Contract Amount	Delivery	
1977	20,000	20,000	20,000	4,673	(15,327)
1978	20,000	20,000	40,000	28,363	(11,637)
1979	20,000	20,000	60,000	52,485	(7,515)
1980	20,000	20,000	80,000	75,888	(4,112)
1981	20,000	20,000	100,000	99,588	(412)
1982	20,000	20,000	120,000	120,000	0
1983	20,000	20,000	140,000	124,587	(15,413)
1984	20,000	20,000	160,000	144,587	(15,413)
1985	20,000	20,000	180,000	164,587	(15,413)
1986	20,000	20,000	200,000	184,587	(15,413)
1987	20,000	20,000	220,000	204,587	(15,413)
1988	20,000	20,000	240,000	216,350	(23,650)
1989	20,000	20,000	260,000	232,985	(27,015)
1990	20,000	20,000	280,000	252,985	(27,015)
1991	20,000	20,000	300,000	282,985	(17,015)
1992	20,000	20,000	320,000	322,074	(2,074)
1993	20,000	20,000	340,000	391,406	(48,594)
1994	20,000	20,000	360,000	309,754	(60,246)
1995	20,000	20,000	380,000	342,487	(37,513)
1996	20,000	20,000	400,000	365,187	(33,813)
1997	20,000	20,000	420,000	388,887	(30,113)
1998	20,000	20,000	440,000	413,587	(26,413)
1999	20,000	20,000	460,000	437,287	(22,713)
2000	20,000	20,000	480,000	457,287	(22,713)
2001	20,000	20,000	500,000	468,897	(31,103)
2002	20,000	20,000	520,000	477,556	(42,444)
2003	20,000	20,000	540,000	497,556	(42,444)
2004	20,000	20,000	560,000	509,968	(50,032)
2005	20,000	20,000	580,000	533,668	(46,332)
2006	20,000	20,000	600,000	555,665	(44,335)

RAG GULCH WATER DISTRICT					
Year	Basic Contract Amount		Cumulative Contract Delivery		Basic Contract Balance
	Contract Amount	Delivered	Contract Amount	Delivery	
1977	3,000	3,000	3,000	449	(2,551)
1978	3,000	3,000	6,000	3,999	(2,001)
1979	3,000	3,000	9,000	7,549	(1,451)
1980	3,000	3,000	12,000	11,099	(901)
1981	3,000	3,000	15,000	14,649	(351)
1982	3,000	3,000	18,000	0	18,000
1983	3,000	3,000	21,000	600	18,600
1984	3,000	3,000	24,000	3,000	21,600
1985	3,000	3,000	27,000	3,000	24,600
1986	3,000	3,000	30,000	3,000	27,600
1987	3,000	3,000	33,000	3,000	30,600
1988	3,000	3,000	36,000	1,764	32,364
1989	3,000	3,000	39,000	2,495	34,859
1990	3,000	3,000	42,000	0	42,000
1991	3,000	3,000	45,000	3,000	48,000
1992	3,000	3,000	48,000	1,363	49,616
1993	3,000	3,000	51,000	4,394	49,616
1994	3,000	3,000	54,000	2,753	46,369
1995	3,000	3,000	57,000	4,983	51,362
1996	3,000	3,000	60,000	3,550	56,888
1997	3,000	3,000	63,000	3,550	58,462
1998	3,000	3,000	66,000	3,550	62,012
1999	3,000	3,000	69,000	3,550	65,562
2000	3,000	3,000	72,000	3,000	69,000
2001	3,000	3,000	75,000	1,299	71,601
2002	3,000	3,000	78,000	3,000	75,000
2003	3,000	3,000	81,000	1,862	76,463
2004	3,000	3,000	84,000	87,000	80,013
2005	3,000	3,000	87,000	3,295	83,398
2006	3,000	3,000	90,000	3,295	83,398

CITY OF BAKERSFIELD
Deliveries to Long Term Contractors

Basic Contract

Quantities in acre-feet Year: 2006

	NORTH KERN WSD		CAWELO WD		KERN-TULARE WD		RAG GULCH WD		MONTH TOTALS	
	Basic	Accum.	Basic	Accum.	Basic	Accum.	Basic	Accum.	Basic	Accum.
January	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0
March	0	0	1) 1,522	1,522	1,734	1,734	260	260	3,516	3,516
April	0	0	1) 2,312	3,834	2,571	4,305	385	645	5,268	8,784
May	0	0	1) 8,647	12,481	3,610	7,915	540	1,185	12,797	21,581
June	0	0	9,382	21,863	4,130	12,045	620	1,805	14,132	35,713
July	10,000	10,000	6,400	28,263	5,220	17,265	782	2,587	22,402	58,115
August	10,000	20,000	3,774	32,037	2,803	20,068	420	3,007	16,997	75,112
September	0	20,000	0	32,037	1,929	21,997	288	3,295	2,217	77,329
October	0	20,000	0	32,037	0	21,997	0	3,295	0	77,329
November	0	20,000	2) (2,000)	30,037	0	21,997	0	3,295	(2,000)	75,329
December	0	20,000	0	30,037	0	21,997	0	3,295	0	75,329
Year Total	20,000		30,037		21,997		3,295		75,329	

Note: 1) Includes Isabella Reservoir evaporation loss attributable to unused contract.
2) Reflects transfer in Isabella Reservoir per terms of City of Bakersfield/Cawelo WD letter agreement dated November 1, 2006.

Year: 2006

**City of Bakersfield Diverted to North Kern WSD
(Basic Contract)
(Does not include deliveries into Isabella Reservoir storage)**

DISCHARGE IN CUBIC FEET PER SECOND

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	0	0	0	0	0	0	0	0	0	0
	TOTAL,	0	0	0	0	0	0	0	0	0	0	0
	MEAN,	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

City of Bakersfield Diverted to North Kern WSD
(Miscellaneous)

Year: 2006

DISCHARGE IN CUBIC FEET PER SECOND

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	1
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	3
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	4
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	9
24	0	0	0	0	0	0	0	0	0	0	0	11
25	0	0	0	0	0	0	0	0	0	0	0	10
26	0	0	0	0	0	0	0	0	0	0	0	6
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	8
29	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	52
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	11
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	2
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	0	104
WHOLE YEAR:-	TOTAL,	52	MAX.,	11	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	104		

City of Bakersfield Diverted to North Kern WSD
(Non-Kern River)

Year: 2006

DISCHARGE IN CUBIC FEET PER SECOND

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	2	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	2	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	2	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	4	0	0	0	0	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	2	MAX.,	2	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	4		

CAWELO WATER DISTRICT OPERATIONS

Quantities in acre-feet

Year: 2006

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
+ Cawelo WD via Pump Station "B"	0	1,642	1,208	2,409	9,782	11,762	11,950	11,748	9,390	4,540	3,394	951	68,776
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	58	208	182	0	0	157	0	605
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	43	92	40	152	208	202	197	97	8	129	0	1,168
Lerdo Delivery Gate No. 8-0-25	0	24	44	0	38	81	81	77	56	0	42	0	443
Lerdo Delivery Gate No. 8-0-100	0	6	8	0	8	10	6	8	2	0	6	0	54
Lerdo Delivery Gate No. 8-0-288	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	30	36	51	125	171	219	161	87	58	18	0	956
Lerdo Delivery Gate No. 8-0-291	0	63	48	60	167	278	357	190	178	117	40	0	1,498
Lerdo Delivery Gate No. 8-0-292	0	6	6	10	20	26	28	24	12	14	0	0	146
Lerdo Delivery Pump Station "D"	0	0	0	0	0	30	0	0	40	3,047	1,394	639	5,150
+ Total Lerdo Turnout Deliveries	0	172	234	161	510	862	1,101	839	472	3,244	1,786	639	10,020
Beardsley Canal Loss	0	46	61	60	61	60	61	61	60	61	60	58	649
Lerdo Loss	0	20	16	27	107	134	139	133	103	111	67	22	879
+ Total Loss	0	66	77	87	168	194	200	194	163	172	127	80	1,528
+ Via North Kern WSD	0	0	0	0	0	0	0	0	0	1,111	2,392	0	3,503
= Total Diverted for Cawelo WD	0	1,880	1,519	2,657	10,460	12,818	13,251	12,781	10,025	9,067	7,699	1,670	83,827

Cawelo Water District Source of Supply:

City of Bakersfield Basic Contract	0	0	1,519	2,295	8,630	9,382	6,400	3,774	0	0	0	0	32,000
City of Bakersfield Miscellaneous	0	1,880	0	0	0	0	0	0	0	0	0	0	1,880
City of Bakersfield Non-Kern River	0	0	0	154	801	651	692	696	703	538	430	402	5,067
Rosedale-Rio Bravo WSD Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern River Canal & Irrigating Company	0	0	0	0	0	0	0	0	0	0	0	0	0
Sunview Vineyards Well	0	0	0	0	0	0	0	0	0	0	0	0	0
Paramount Farming Company Well	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 Exchange	0	0	0	0	0	0	0	0	5,668	2,118	2,847	0	10,633
Hacienda WD (KCWA) Exchange	0	0	0	0	0	0	0	0	0	0	0	136	136
via CVC Conduit "A"	0	0	0	0	0	1,926	827	1,819	0	0	0	0	4,572
North Kern WSD Non-Kern River	0	0	0	208	1,029	859	911	912	2,761	5,645	3,612	471	22,490
= Total Cawelo Water District Supply	0	1,880	1,519	2,657	10,460	12,818	13,251	12,781	10,025	9,067	7,699	1,670	83,827

Cawelo Water District Total Diverted via Beardsley-Lerdo Canal System

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	41	19	121	220	217	214	206	193	176	51
2	0	0	42	19	122	222	217	222	199	144	136	50
3	0	0	38	19	124	211	209	219	198	159	126	51
4	0	0	21	19	146	212	220	216	195	180	130	50
5	0	0	20	19	140	213	219	217	181	174	122	51
6	0	16	25	25	171	212	212	224	182	163	125	50
7	0	16	30	24	171	221	212	211	204	79	130	50
8	0	16	27	19	171	225	204	210	193	105	128	49
9	0	31	25	19	178	215	212	210	184	103	129	20
10	0	18	25	24	179	211	223	210	181	154	127	19
11	0	18	24	19	200	213	212	206	184	104	128	15
12	0	16	24	19	191	214	211	204	198	109	127	16
13	0	17	25	19	177	219	218	202	194	81	106	15
14	0	24	24	19	176	212	219	220	184	126	128	18
15	0	22	24	19	210	213	222	211	184	126	68	21
16	0	21	19	20	223	220	206	218	184	126	120	20
17	0	27	19	44	184	214	216	217	181	126	81	19
18	0	50	20	45	194	205	215	206	161	129	101	20
19	0	37	19	42	190	208	219	190	166	132	145	20
20	0	38	19	45	173	225	212	188	138	133	174	25
21	0	37	19	59	153	221	223	217	147	126	202	26
22	0	49	19	55	160	207	220	217	148	126	155	26
23	0	95	25	54	162	216	223	191	137	126	111	26
24	0	95	23	95	163	214	217	189	133	185	112	26
25	0	88	21	95	161	211	214	186	136	179	141	26
26	0	88	20	94	161	215	210	215	135	179	142	24
27	0	90	27	95	154	212	225	211	107	197	163	23
28	0	39	25	100	155	218	211	207	117	196	176	23
29	0	-	25	98	163	220	219	192	148	211	87	12
30	0	-	25	98	184	223	213	204	149	217	85	0
31	0	-	26	-	217	-	211	200	-	183	-	0
TOTAL	0	948	766	1,340	5,274	6,462	6,681	6,444	5,054	4,571	3,881	842
MAXIMUM DAY	0	95	42	100	223	225	225	224	206	217	202	51
MINIMUM DAY	0	0	19	19	121	205	204	186	107	79	68	0
MEAN	0	34	25	45	170	215	216	208	168	147	129	27
TOTAL AC. FT.	0	1,880	1,519	2,657	10,460	12,818	13,251	12,781	10,025	9,067	7,699	1,670
WHOLE YEAR:-	TOTAL,	42,263	MAX.,	225	MIN.,	0	MEAN,	116	TOTAL AC.FT.,	83,827		

City of Bakersfield Diverted to Cawelo Water District
(Basic Contract)

Year: 2006

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	41	19	94	192	189	133	0	0	0	0
2	0	0	42	19	96	193	189	142	0	0	0	0
3	0	0	38	19	95	184	182	141	0	0	0	0
4	0	0	21	19	114	184	192	135	0	0	0	0
5	0	0	20	19	110	188	192	133	0	0	0	0
6	0	0	25	25	139	188	184	140	0	0	0	0
7	0	0	30	24	139	198	184	124	0	0	0	0
8	0	0	27	19	141	200	173	125	0	0	0	0
9	0	0	25	19	147	190	182	126	0	0	0	0
10	0	0	25	24	148	184	195	123	0	0	0	0
11	0	0	24	19	169	186	186	126	0	0	0	0
12	0	0	24	19	160	185	186	120	0	0	0	0
13	0	0	25	19	145	189	193	118	0	0	0	0
14	0	0	24	19	144	187	196	139	0	0	0	0
15	0	0	24	19	180	194	191	78	0	0	0	0
16	0	0	19	20	193	196	177	0	0	0	0	0
17	0	0	19	44	154	188	111	0	0	0	0	0
18	0	0	20	45	168	181	52	0	0	0	0	0
19	0	0	19	42	167	185	52	0	0	0	0	0
20	0	0	19	45	147	200	21	0	0	0	0	0
21	0	0	19	59	127	197	0	0	0	0	0	0
22	0	0	19	55	130	181	0	0	0	0	0	0
23	0	0	25	54	132	190	0	0	0	0	0	0
24	0	0	23	74	133	186	0	0	0	0	0	0
25	0	0	21	71	130	184	0	0	0	0	0	0
26	0	0	20	68	129	0	0	0	0	0	0	0
27	0	0	27	67	122	0	0	0	0	0	0	0
28	0	0	25	72	123	0	0	0	0	0	0	0
29	0	-	25	70	131	0	0	0	0	0	0	0
30	0	-	25	70	155	0	0	0	0	0	0	0
31	0	-	26	-	189	-	0	0	-	0	-	0
TOTAL	0	0	766	1,157	4,351	4,730	3,227	1,903	0	0	0	0
MAXIMUM DAY	0	0	42	74	193	200	196	142	0	0	0	0
MINIMUM DAY	0	0	19	19	94	0	0	0	0	0	0	0
MEAN	0	0	25	39	140	158	104	61	0	0	0	0
TOTAL AC. FT.	0	0	1,519	2,295	8,630	9,382	6,400	3,774	0	0	0	0
WHOLE YEAR:-	TOTAL,	16,134	MAX.,	200	MIN.,	0	MEAN,	44	TOTAL AC.FT.,	32,000		

Year: 2006

City of Bakersfield Diverted to Cawelo Water District
(Miscellaneous)

DISCHARGE IN CUBIC FEET PER SECOND

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	16	0	0	0	0	0	0	0	0	0	0
7	0	16	0	0	0	0	0	0	0	0	0	0
8	0	16	0	0	0	0	0	0	0	0	0	0
9	0	31	0	0	0	0	0	0	0	0	0	0
10	0	18	0	0	0	0	0	0	0	0	0	0
11	0	18	0	0	0	0	0	0	0	0	0	0
12	0	16	0	0	0	0	0	0	0	0	0	0
13	0	17	0	0	0	0	0	0	0	0	0	0
14	0	24	0	0	0	0	0	0	0	0	0	0
15	0	22	0	0	0	0	0	0	0	0	0	0
16	0	21	0	0	0	0	0	0	0	0	0	0
17	0	27	0	0	0	0	0	0	0	0	0	0
18	0	50	0	0	0	0	0	0	0	0	0	0
19	0	37	0	0	0	0	0	0	0	0	0	0
20	0	38	0	0	0	0	0	0	0	0	0	0
21	0	37	0	0	0	0	0	0	0	0	0	0
22	0	49	0	0	0	0	0	0	0	0	0	0
23	0	95	0	0	0	0	0	0	0	0	0	0
24	0	95	0	0	0	0	0	0	0	0	0	0
25	0	88	0	0	0	0	0	0	0	0	0	0
26	0	88	0	0	0	0	0	0	0	0	0	0
27	0	90	0	0	0	0	0	0	0	0	0	0
28	0	39	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	948	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	95	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	34	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	1,880	0	0	0	0	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	948	MAX.,	95	MIN.,	0	MEAN,	3	TOTAL AC.FT.,	1,880		

City of Bakersfield Diverted to Cawelo Water District
(Non-Kern River) Year: 2006

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	12	12	12	11	12	10	6	4
2	0	0	0	0	11	13	12	10	13	8	6	10
3	0	0	0	0	13	12	12	9	14	9	6	10
4	0	0	0	0	14	12	12	11	13	9	10	8
5	0	0	0	0	13	11	12	12	12	9	9	5
6	0	0	0	0	14	10	12	12	12	8	6	3
7	0	0	0	0	14	10	12	14	13	9	6	4
8	0	0	0	0	13	11	14	13	13	9	4	10
9	0	0	0	0	14	11	13	12	14	9	5	10
10	0	0	0	0	14	12	12	14	14	9	5	11
11	0	0	0	0	14	12	11	10	12	9	10	1
12	0	0	0	0	14	13	11	12	13	9	10	5
13	0	0	0	0	14	13	11	12	13	8	5	5
14	0	0	0	0	14	11	10	11	13	9	6	5
15	0	0	0	0	13	8	14	10	13	8	6	6
16	0	0	0	0	13	10	13	10	13	8	7	6
17	0	0	0	0	13	11	9	10	13	9	5	7
18	0	0	0	0	11	10	9	11	11	9	11	13
19	0	0	0	0	10	10	9	12	10	8	10	2
20	0	0	0	0	11	11	10	12	11	9	6	5
21	0	0	0	0	11	10	11	11	11	10	7	8
22	0	0	0	0	13	11	11	10	11	6	9	10
23	0	0	0	0	13	11	12	11	11	10	11	10
24	0	0	0	9	13	12	9	11	11	10	11	10
25	0	0	0	10	14	12	10	12	11	10	11	10
26	0	0	0	11	14	10	10	12	11	10	11	9
27	0	0	0	12	14	10	11	12	9	10	5	9
28	0	0	0	12	14	10	11	11	11	9	5	7
29	0	-	0	12	14	9	12	11	6	11	5	0
30	0	-	0	12	13	10	12	11	9	5	3	0
31	0	-	0	-	12	-	10	11	-	5	-	0
TOTAL	0	0	0	78	404	328	349	351	354	271	217	203
MAXIMUM DAY	0	0	0	12	14	13	14	14	14	11	11	13
MINIMUM DAY	0	0	0	0	10	8	9	9	6	5	3	0
MEAN	0	0	0	3	13	11	11	11	12	9	7	7
TOTAL AC. FT.	0	0	0	154	801	651	692	696	703	538	430	402
WHOLE YEAR:-	TOTAL,	2,555	MAX.,	14	MIN.,	0	MEAN,	7	TOTAL AC.FT.,	5,067		

Year: 2006

Hacienda Water District Diverted via Cawelo Water District
(Kern River/SWP Exchange)

DISCHARGE IN CUBIC FEET PER SECOND

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	54	0	0	0	0
16	0	0	0	0	0	0	0	39	0	0	0	0
17	0	0	0	0	0	0	0	31	0	0	0	0
18	0	0	0	0	0	0	0	27	0	0	0	0
19	0	0	0	0	0	0	0	9	0	0	0	0
20	0	0	0	0	0	0	21	7	0	0	0	0
21	0	0	0	0	0	0	47	38	0	0	0	0
22	0	0	0	0	0	0	38	39	0	0	0	0
23	0	0	0	0	0	0	39	20	0	0	0	0
24	0	0	0	0	0	0	39	10	0	0	0	0
25	0	0	0	0	0	0	34	103	0	0	0	0
26	0	0	0	0	0	191	30	188	0	0	0	0
27	0	0	0	0	0	188	44	96	0	0	0	0
28	0	0	0	0	0	194	29	14	0	0	0	0
29	0	0	0	0	0	199	36	8	0	0	0	0
30	0	0	0	0	0	199	29	60	0	0	0	0
31	0	0	0	0	0	0	31	174	0	0	0	0
TOTAL	0	0	0	0	0	971	417	917	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	199	47	188	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	32	13	30	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	1,926	827	1,819	0	0	0	0
WHOLE YEAR:-	TOTAL,	2,305	MAX.,	199	MIN.,	0	MEAN,	6	TOTAL AC.FT.,	4,572		

Buena Vista WSD Diverted for Cawelo Water District
(Kern River/SWP Exchange)
Year: 2006

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

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	94	43	97	0
2	0	0	0	0	0	0	0	0	85	47	57	0
3	0	0	0	0	0	0	0	0	83	61	39	0
4	0	0	0	0	0	0	0	0	81	77	39	0
5	0	0	0	0	0	0	0	0	69	70	35	0
6	0	0	0	0	0	0	0	0	71	60	35	0
7	0	0	0	0	0	0	0	0	91	0	44	0
8	0	0	0	0	0	0	0	0	80	0	45	0
9	0	0	0	0	0	0	0	0	69	0	44	0
10	0	0	0	0	0	0	0	0	66	50	35	0
11	0	0	0	0	0	0	0	0	72	0	35	0
12	0	0	0	0	0	0	0	0	137	0	35	0
13	0	0	0	0	0	0	0	0	165	0	35	0
14	0	0	0	0	0	0	0	0	155	1	35	0
15	0	0	0	0	0	0	0	0	155	2	36	0
16	0	0	0	0	0	0	0	0	155	3	56	0
17	0	0	0	0	0	0	0	0	152	0	50	0
18	0	0	0	0	0	0	0	0	136	4	35	0
19	0	0	0	0	0	0	0	0	141	9	54	0
20	0	0	0	0	0	0	0	0	113	8	97	0
21	0	0	0	0	0	0	0	0	122	0	65	0
22	0	0	0	0	0	0	0	0	123	6	25	0
23	0	0	0	0	0	0	0	0	112	0	25	0
24	0	0	0	0	0	0	0	0	108	70	25	0
25	0	0	0	0	0	0	0	0	60	70	55	0
26	0	0	0	0	0	0	0	0	33	70	55	0
27	0	0	0	0	0	0	0	0	9	101	55	0
28	0	0	0	0	0	0	0	0	15	70	55	0
29	0	0	0	0	0	0	0	0	55	82	68	0
30	0	0	0	0	0	0	0	0	51	94	69	0
31	0	0	0	0	0	0	0	0	-	70	-	0
TOTAL	0	0	0	0	0	0	0	0	2,858	1,068	1,435	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	165	101	97	0
MINIMUM DAY	0	0	0	0	0	0	0	0	9	0	25	0
MEAN	0	0	0	0	0	0	0	0	95	34	48	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	5,668	2,118	2,847	0
WHOLE YEAR:-	TOTAL,	5,361	MAX.,	165	MIN.,	0	MEAN,	15	TOTAL AC.FT.,	10,633		

City of Bakersfield Diverted for Kern-Tulare WD
(Kern-Tulare WD/Improvement District No. 4 Exchange)
(Basic Contract)

Year: 2006

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	23	31	52	62	183	63	20	0	0	0
2	0	0	30	36	49	60	152	63	10	0	0	0
3	0	0	32	30	47	58	151	59	4	0	0	0
4	0	0	29	34	47	52	152	62	4	0	0	0
5	0	0	38	29	57	54	149	57	10	0	0	0
6	0	0	37	43	46	60	141	55	9	0	0	0
7	0	0	20	34	45	53	138	55	17	0	0	0
8	0	0	21	27	50	59	138	50	19	0	0	0
9	0	0	21	25	57	61	129	56	37	0	0	0
10	0	0	23	35	50	52	96	55	30	0	0	0
11	0	0	28	25	58	57	63	54	22	0	0	0
12	0	0	23	27	59	61	60	58	33	0	0	0
13	0	0	28	29	55	50	58	57	51	0	0	0
14	0	0	24	35	56	57	48	57	49	0	0	0
15	0	0	26	45	57	57	53	56	43	0	0	0
16	0	0	31	40	57	63	57	54	38	0	0	0
17	0	0	30	38	65	56	57	57	39	0	0	0
18	0	0	26	31	63	52	57	31	40	0	0	0
19	0	0	23	23	59	52	57	37	42	0	0	0
20	0	0	26	31	57	62	56	43	40	0	0	0
21	0	0	31	48	50	59	57	47	37	0	0	0
22	0	0	29	71	40	57	63	40	42	0	0	0
23	0	0	32	63	55	56	56	39	43	0	0	0
24	0	0	37	54	57	63	61	35	45	0	0	0
25	0	0	35	57	57	64	67	48	46	0	0	0
26	0	0	26	53	48	157	62	25	42	0	0	0
27	0	0	31	49	47	153	62	12	43	0	0	0
28	0	0	29	62	63	136	59	27	40	0	0	0
29	0	-	34	88	103	138	56	24	39	0	0	0
30	0	-	27	103	104	61	46	22	39	0	0	0
31	0	-	24	-	110	-	48	15	-	0	-	0
TOTAL	0	0	874	1,296	1,820	2,082	2,632	1,413	973	0	0	0
MAXIMUM DAY	0	0	38	103	110	157	183	63	51	0	0	0
MINIMUM DAY	0	0	20	23	40	50	46	12	4	0	0	0
MEAN	0	0	28	43	59	69	85	46	32	0	0	0
TOTAL AC. FT.	0	0	1,734	2,571	3,610	4,130	5,220	2,803	1,929	0	0	0
WHOLE YEAR:-	TOTAL,	11,090	MAX.,	183	MIN.,	0	MEAN,	30	TOTAL AC.FT.,	21,997		

Year: 2006

City of Bakersfield Diverted for Rag Gulch WD
(Rag Gulch WD/Improvement District No. 4 Exchange)
(Basic Contract)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	3	5	8	9	27	9	3	0	0	0
2	0	0	5	5	7	9	23	10	1	0	0	0
3	0	0	5	5	7	9	23	9	1	0	0	0
4	0	0	4	5	7	8	23	9	1	0	0	0
5	0	0	6	4	8	8	22	9	1	0	0	0
6	0	0	5	6	7	9	21	8	1	0	0	0
7	0	0	3	5	7	8	21	8	2	0	0	0
8	0	0	3	4	8	9	21	7	3	0	0	0
9	0	0	3	4	8	9	21	8	5	0	0	0
10	0	0	3	5	7	8	14	8	4	0	0	0
11	0	0	4	4	9	9	9	8	3	0	0	0
12	0	0	4	4	9	9	9	9	5	0	0	0
13	0	0	4	4	8	7	9	8	8	0	0	0
14	0	0	4	5	8	8	8	8	7	0	0	0
15	0	0	4	7	8	9	8	8	7	0	0	0
16	0	0	5	6	8	9	8	8	6	0	0	0
17	0	0	5	6	11	8	8	9	6	0	0	0
18	0	0	4	5	11	8	8	5	6	0	0	0
19	0	0	3	4	9	8	9	6	6	0	0	0
20	0	0	4	5	9	9	8	7	6	0	0	0
21	0	0	5	7	7	9	8	7	6	0	0	0
22	0	0	4	11	6	8	9	7	6	0	0	0
23	0	0	5	9	8	8	8	6	6	0	0	0
24	0	0	5	8	9	9	9	5	7	0	0	0
25	0	0	5	9	8	10	10	7	7	0	0	0
26	0	0	4	8	7	24	9	4	6	0	0	0
27	0	0	5	7	7	23	9	2	7	0	0	0
28	0	0	4	9	9	21	9	4	6	0	0	0
29	0	-	5	13	15	22	8	4	6	0	0	0
30	0	-	4	15	16	9	7	3	6	0	0	0
31	0	-	4	-	16	-	8	2	-	0	-	0
TOTAL	0	0	131	194	272	313	394	212	145	0	0	0
MAXIMUM DAY	0	0	6	15	16	24	27	10	8	0	0	0
MINIMUM DAY	0	0	3	4	6	7	7	2	1	0	0	0
MEAN	0	0	4	6	9	10	13	7	5	0	0	0
TOTAL AC. FT.	0	0	260	385	540	620	782	420	288	0	0	0
WHOLE YEAR:-	TOTAL,	1,661	MAX.,	27	MIN.,	0	MEAN,	5	TOTAL AC.FT.,	3,295		

IMPROVEMENT DISTRICT NO. 4
KERN RIVER SUPPLY AND DIVERSION RECAP
(Does not include deliveries into Isabella Reservoir storage)

YEAR: 2006

Quantities in acre-feet

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
+ Treatment Plant via Calloway Canal	974	1202	1218	1412	2741	3009	3052	1650	1599	1555	0	0	18412
+ Calloway Canal Operational Losses	78	153	171	167	197	220	238	133	107	105	0	0	1569
+ Calloway Canal Below '99"	246	14	18	554	355	0	0	375	6	0	0	0	1568
+ 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	1298	1369	1407	2133	3293	3229	3290	2158	1712	1660	0	0	21549
+ 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
+ Truxtun Lakes	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Avin-Edison WSD Turnout	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	454	488	587	823	857	708	647	573	537	379	129	103	6285
+ River Spreading Below Calloway Weir	1870	0	0	0	0	1063	2527	1470	468	0	155	0	7553
+ Sub-total River Loss/Spreading	2324	488	587	823	857	1771	3174	2043	1005	379	284	103	13638
+ Via Pioneer North	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
+ Via Pioneer Inlet	0	0	0	0	0	0	0	79	0	0	0	0	79
+ Via Cawelo Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
= Improvement District #4 Total Diverted	3622	1857	1994	2956	4150	5000	6464	4280	2717	2039	284	103	35466
+ Kern-Tulare WD Basic Contract	0	0	1734	2571	3610	4130	5220	2803	1929	0	0	0	21997
+ Reg Gulch WD Basic Contract	0	0	260	385	540	620	782	420	288	0	0	0	3295
+ Sub-total K-TWD/RGWD Basic Contract	0	0	1994	2956	4150	4750	6002	3223	2217	0	0	0	25292
+ Kern-Tulare WD 2006 Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Reg Gulch WD 2006 Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Sub-total K-TWD/RGWD '06 Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0
+ City Truxtun Lake Exchange	2156	0	0	0	0	0	0	0	0	0	0	0	2156
+ City Miscellaneous	2156	0	0	0	0	0	0	0	0	0	0	0	2156
+ Sub-total City of Bakersfield	4312	0	0	0	0	0	0	0	0	0	0	0	4312
+ North Kern WSD Exchange (Category "A")	0	0	0	0	0	0	0	0	0	0	0	103	103
+ North Kern WSD Exchange (Category "B")	0	0	0	0	0	0	0	339	0	0	0	0	339
+ North Kern WSD Exchange (2006 Instantaneous)	780	0	0	0	0	0	0	0	0	0	0	0	780
+ BVWSD/Rosedale RBWSD Operational Exchange	0	0	0	0	0	0	462	718	500	379	0	0	2059
+ BVWSD SWP Exchange	0	0	0	0	0	0	0	0	0	1660	284	0	1944
+ BVWSD 2800 Acre Well Exchange	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
+ Hacienda WD Exchange	686	1857	0	0	0	250	0	0	0	0	0	0	2793
= Improvement District #4 Total Supply	3622	1857	1994	2956	4150	5000	6464	4280	2717	2039	284	103	35466

Total Flow via the Rosedale Channel at Head (All Sources)
(Diverted from Kern River Channel) Year: 2006

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	168	213	259	267	172	60	0	0	0
2	0	0	0	167	226	249	260	179	62	0	0	0
3	25	0	0	168	244	246	262	181	62	0	0	0
4	151	0	0	170	226	247	260	171	60	0	0	0
5	169	0	0	169	223	255	261	178	60	0	0	0
6	171	0	0	163	228	263	263	180	60	0	0	0
7	166	0	0	164	230	260	264	178	60	0	0	0
8	179	0	0	167	234	263	268	179	60	0	0	0
9	194	0	0	163	241	266	265	177	59	0	0	0
10	220	0	0	167	233	266	263	181	58	0	0	0
11	203	0	0	167	237	266	267	171	59	0	0	0
12	220	0	0	179	236	266	241	159	60	0	0	0
13	227	0	0	211	236	262	220	165	59	0	0	0
14	233	0	0	201	248	265	179	163	48	0	0	0
15	235	0	0	198	250	265	179	161	0	0	0	0
16	229	0	0	197	251	269	182	165	0	0	0	0
17	226	0	0	196	264	268	181	165	0	0	0	0
18	226	0	0	211	261	266	179	165	0	0	0	0
19	225	0	9	212	265	268	179	166	0	0	0	0
20	206	0	116	214	267	266	181	164	0	0	0	0
21	170	0	151	212	263	266	177	164	0	0	0	0
22	171	0	157	212	269	267	175	162	0	0	0	0
23	168	0	159	210	273	267	161	164	0	0	0	0
24	166	0	166	210	275	273	150	165	0	0	0	0
25	157	0	172	213	266	278	170	160	0	0	0	0
26	156	0	169	213	252	289	180	168	0	0	0	0
27	160	0	170	209	259	296	180	166	0	0	0	0
28	130	0	167	207	252	271	185	162	0	0	0	0
29	82	-	167	214	264	264	181	161	0	0	0	0
30	0	-	166	218	270	267	175	157	0	0	0	0
31	0	-	166	-	270	-	172	121	-	0	-	0
TOTAL	4,865	0	1,935	5,770	7,726	7,973	6,527	5,170	827	0	0	0
MAXIMUM DAY	235	0	172	218	275	296	268	181	62	0	0	0
MINIMUM DAY	0	0	0	163	213	246	150	121	0	0	0	0
MEAN	157	0	62	192	249	266	211	167	28	0	0	0
TOTAL AC. FT.	9,650	0	3,838	11,445	15,324	15,815	12,946	10,255	1,640	0	0	0
WHOLE YEAR:-	TOTAL,	40,793	MAX.,	296	MIN.,	0	MEAN,	112	TOTAL AC.FT.,	80,913		

Buena Vista Water Storage District Diverted to Rosedale RBWSD
(Per terms of BVWSD/RRBWS D Banking Agreement dated January 1, 2002) Year: 2006

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	33	79	151	172	60	0	0	0
2	0	0	0	0	46	69	140	179	62	0	0	0
3	0	0	0	0	64	66	139	181	62	0	0	0
4	0	0	0	0	46	67	135	171	60	0	0	0
5	0	0	0	0	43	75	138	178	60	0	0	0
6	0	0	0	0	48	83	145	180	60	0	0	0
7	0	0	0	0	50	80	140	178	60	0	0	0
8	0	0	0	0	54	83	141	179	60	0	0	0
9	0	0	0	0	61	86	140	177	59	0	0	0
10	0	0	0	0	53	86	263	181	58	0	0	0
11	0	0	0	0	57	86	267	171	59	0	0	0
12	0	0	0	0	56	86	241	159	60	0	0	0
13	0	0	0	44	56	82	220	165	59	0	0	0
14	0	0	0	34	68	85	179	163	48	0	0	0
15	0	0	0	28	70	85	179	161	0	0	0	0
16	0	0	0	30	71	89	182	165	0	0	0	0
17	0	0	0	29	84	88	181	165	0	0	0	0
18	0	0	0	44	81	86	179	165	0	0	0	0
19	0	0	0	45	85	88	179	166	0	0	0	0
20	0	0	0	47	87	86	181	164	0	0	0	0
21	0	0	0	45	83	86	177	164	0	0	0	0
22	0	0	0	45	89	87	175	162	0	0	0	0
23	0	0	0	43	93	87	161	164	0	0	0	0
24	0	0	0	43	95	93	150	165	0	0	0	0
25	0	0	0	46	86	98	170	160	0	0	0	0
26	0	0	0	46	72	182	180	168	0	0	0	0
27	0	0	0	42	79	187	180	166	0	0	0	0
28	0	0	0	40	72	191	185	162	0	0	0	0
29	0	-	0	39	84	158	181	161	0	0	0	0
30	0	-	0	43	90	159	175	157	0	0	0	0
31	0	-	0	-	90	-	172	121	-	0	-	0
TOTAL	0	0	0	733	2,146	2,963	5,426	5,170	827	0	0	0
MAXIMUM DAY	0	0	0	47	95	191	267	181	62	0	0	0
MINIMUM DAY	0	0	0	0	33	66	135	121	0	0	0	0
MEAN	0	0	0	24	69	99	175	167	28	0	0	0
TOTAL AC. FT.	0	0	0	1,454	4,257	5,877	10,762	10,255	1,640	0	0	0
WHOLE YEAR:-	TOTAL,	17,265	MAX.,	267	MIN.,	0	MEAN,	47	TOTAL AC.FT.,	34,245		

Buena Vista Water Storage District Diverted for Rosedale RBWSD
 (Per terms of BVWSD/RRBWS Purchase Agreement dated July 24, 2006) Year: 2006

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	11	6	9	0	0
2	0	0	0	0	0	0	0	12	7	13	0	0
3	0	0	0	0	0	0	0	11	7	16	0	0
4	0	0	0	0	0	0	0	9	9	8	0	0
5	0	0	0	0	0	0	0	17	13	3	0	0
6	0	0	0	0	0	0	0	19	10	7	0	0
7	0	0	0	0	0	0	0	10	10	8	0	0
8	0	0	0	0	0	0	0	9	2	8	0	0
9	0	0	0	0	0	0	0	12	0	5	0	0
10	0	0	0	0	0	0	0	17	0	12	0	0
11	0	0	0	0	0	0	0	12	14	10	0	0
12	0	0	0	0	0	0	0	7	12	9	0	0
13	0	0	0	0	0	0	0	15	16	9	0	0
14	0	0	0	0	0	0	0	9	11	7	0	0
15	0	0	0	0	0	0	4	5	8	11	0	0
16	0	0	0	0	0	0	0	9	13	8	0	0
17	0	0	0	0	0	0	0	8	10	8	0	0
18	0	0	0	0	0	0	0	32	8	10	0	0
19	0	0	0	0	0	0	0	26	8	10	0	0
20	0	0	0	0	0	0	17	16	10	7	0	0
21	0	0	0	0	0	0	16	13	4	3	0	0
22	0	0	0	0	0	0	20	13	7	6	0	0
23	0	0	0	0	0	0	20	10	9	4	0	0
24	0	0	0	0	0	0	22	11	8	0	0	0
25	0	0	0	0	0	0	21	0	6	0	0	0
26	0	0	0	0	0	0	19	8	8	0	0	0
27	0	0	0	0	0	0	40	0	12	0	0	0
28	0	0	0	0	0	0	12	11	7	0	0	0
29	0	-	0	0	0	0	20	11	7	0	0	0
30	0	-	0	0	0	0	17	10	10	0	0	0
31	0	-	0	-	0	-	5	9	-	0	-	0
TOTAL	0	0	0	0	0	0	233	362	252	191	0	0
MAXIMUM DAY	0	0	0	0	0	0	40	32	16	16	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	8	12	8	6	0	0
TOTAL AC. FT.	0	0	0	0	0	0	462	718	500	379	0	0
WHOLE YEAR:-	TOTAL,	1,038	MAX.,	40	MIN.,	0	MEAN,	3	TOTAL AC.FT.,	2,059		

ROSEDALE RIO BRAVO WATER STORAGE DISTRICT
Hydrographic and Accounting Report by City of Bakersfield

Year: 2006

Quantities in acre-feet

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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	Mandatory Release Water	Friant-Kern Floodwater	BVWSD Kern River Exchange	BVWSD Kern River Purchase	A-EWSD Friant-Kern Exchange
0	0	0	0	0	9,650	4,000	5,650	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	3,838	0	350	3,488	0	0	0	0	0	0
64	64	0	0	0	11,381	0	0	9,233	0	694	64	1,454	0	0
0	0	0	0	0	15,324	0	0	0	0	11,067	0	4,257	0	0
0	0	0	0	0	16,460	0	0	1,656	0	8,927	0	5,877	0	0
0	0	0	0	0	14,205	0	0	2,981	0	0	0	10,762	462	0
0	0	0	0	0	10,973	0	0	0	0	0	0	10,255	718	0
0	0	0	0	0	2,140	0	0	0	0	0	0	1,640	500	0
0	0	0	0	0	379	0	0	0	0	0	0	0	379	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	285	0	0	285	0	0	0	0	0	0
64	64	0	0	0	84,635	4,000	6,000	17,643	0	20,698	64	34,245	2,059	0

5,209	=	Current Escalator	=	5,209															
\$0.00	=	Totals	=	\$31,254.00															
(per 1961 Agreement)																			
<table border="1"> <tr> <td>36,017</td> <td>0</td> <td>2005</td> </tr> <tr> <td>0</td> <td>0</td> <td>2004</td> </tr> <tr> <td>169</td> <td>0</td> <td>2003</td> </tr> <tr> <td>1,946</td> <td>0</td> <td>2002</td> </tr> </table>					36,017	0	2005	0	0	2004	169	0	2003	1,946	0	2002			
36,017	0	2005																	
0	0	2004																	
169	0	2003																	
1,946	0	2002																	
<table border="1"> <tr> <td>55,775</td> <td>0</td> <td>Five Year Totals</td> </tr> <tr> <td>11,155</td> <td>0</td> <td>Five Year Averages</td> </tr> <tr> <td>2,615</td> <td>2,615</td> <td>Current Escalator</td> </tr> <tr> <td>\$15.69</td> <td>\$54.92</td> <td>Current Price per acre-foot</td> </tr> <tr> <td>\$175,021.95</td> <td>\$0.00</td> <td>Five Year Average Sales</td> </tr> </table>					55,775	0	Five Year Totals	11,155	0	Five Year Averages	2,615	2,615	Current Escalator	\$15.69	\$54.92	Current Price per acre-foot	\$175,021.95	\$0.00	Five Year Average Sales
55,775	0	Five Year Totals																	
11,155	0	Five Year Averages																	
2,615	2,615	Current Escalator																	
\$15.69	\$54.92	Current Price per acre-foot																	
\$175,021.95	\$0.00	Five Year Average Sales																	

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.

ROSEDALE RBWSD DIVERSION RECAPITULATION

Quantities in acre-feet

YEAR: 2006

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Rosedale Channel at Headgate	+ 9,650	0	3,838	11,445	15,324	15,815	12,946	10,255	1,640	0	0	0	80,913
City for Others	- 0	0	0	0	0	0	0	0	0	0	0	0	0
for Rosedale RBWSD	= 9,650	0	3,838	11,445	15,324	15,815	12,946	10,255	1,640	0	0	0	80,913
- City Contract Water	9,650	0	3,838	9,233	0	1,011	2,184	0	0	0	0	0	25,916
= Other Water	0	0	0	2,212	15,324	14,804	10,762	10,255	1,640	0	0	0	54,997
via Berrenda Mesa Pipeline	+ 0	0	0	0	0	30	42	0	0	0	0	0	72
via 2800 Acres to Central Pioneer	+ 0	0	0	0	0	222	230	0	0	0	0	0	452
via 2800 Acres to North Pioneer	+ 0	0	0	0	0	133	194	0	0	0	0	0	327
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 North Lake	+ 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	260	331	0	0	0	0	285	876
Kern River Channel Spreading	+ 0	0	0	0	0	0	462	718	500	379	0	0	2,059
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	= 9,650	0	3,838	11,445	15,324	16,460	14,205	10,973	2,140	379	0	285	84,699

City of Bakersfield Basic Contract	+ 9,650	0	350	0	0	0	0	0	0	0	0	0	10,000
City of Bakersfield Miscellaneous	+ 0	0	3,488	9,233	0	1,656	2,981	0	0	0	0	285	17,643
Hacienda WD Exchange	+ 0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista WSD Exchange	+ 0	0	0	1,454	4,257	5,877	10,762	10,255	1,640	0	0	0	34,245
Buena Vista WSD Purchase	+ 0	0	0	0	0	0	462	718	500	379	0	0	2,059
Kern River Mandatory Release	+ 0	0	0	694	11,067	8,927	0	0	0	0	0	0	20,688
Friant-Kern Floodwater	+ 0	0	0	64	0	0	0	0	0	0	0	0	64
Kern-Tulare WD Exchange	+ 0	0	0	0	0	0	0	0	0	0	0	0	0
Arvin-Edison WSD Exchange	+ 0	0	0	0	0	0	0	0	0	0	0	0	0
Total Supply	= 9,650	0	3,838	11,445	15,324	16,460	14,205	10,973	2,140	379	0	285	84,699

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	

(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.

**CITY OF BAKERSFIELD
STATUS OF MISCELLANEOUS WATER DELIVERIES
TO ROSEDALE RIO BRAVO WATER STORAGE DISTRICT**

Quantities in acre-feet

Year: 2006

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
City Entitlement + or - Release	20,454	1,330	24,954	29,142	0	5,974	26,880	11,511	1,190	1,230	1,190	1,230	125,085
Lake Ming	16	16	44	56	0	20	127	121	91	65	42	26	624
North Kern Water Storage District	0	0	0	0	0	0	10,000	10,000	0	0	0	0	20,000
Cawelo Water District	0	0	1,522	2,034	0	0	6,400	3,774	0	0	0	0	13,730
Kern-Tulare Water District	0	0	1,734	2,192	0	1,279	5,220	2,803	1,929	0	0	0	15,157
Rag Gulch Water District	0	0	260	329	0	196	782	420	288	0	0	0	2,275
Rosedale Rio Bravo WSD	9,650	0	350	0	0	0	0	0	0	0	0	0	10,000
Kern River Canal & Irrigating Co.	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
First Point Passing Second Point	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation Loss Assignment	0	0	0	0	0	0	0	0	1,505	0	0	0	1,505
Isabella Reservoir Loss	139	190	176	349	0	75	386	260	201	121	117	69	2,083
River Transportation Loss	639	(1)	720	3,655	0	99	679	643	1	0	(1)	10	6,444
Total Basic Commitments	10,444	205	4,806	8,615	0	1,669	23,594	18,021	4,015	186	158	105	71,818

Total City Miscellaneous Water.....	53,267
Rosedale Rio Bravo WSD 1/3 Share.....	17,756

Misc. Water Delivered to RRBWSD	0	0	3,488	9,233	0	1,656	2,981	0	0	0	0	285	17,643
Del. under Art.11,Sec. 2.1 (f)(7)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Misc. Delivered to RRBWSD	0	0	3,488	9,233	0	1,656	2,981	0	0	0	0	285	17,643

Over (Under) City Miscellaneous Water Obligation.....	(113)
Prior Year Miscellaneous Water Delivery Balance.....	(16,682)
Cumulative Miscellaneous Water Delivery Balance.....	(16,795)

STATUS OF CONTRACT
ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT
Cumulative Miscellaneous Water Balance
Pursuant to June 6, 1976 Agreement No. 76-80

Quantities in acre-feet

Year	(A) TOTAL CITY MISCELLANEOUS WATER	(B) RRBWS 1/3 SHARE OF MISC.	(C) MISC. WATER DELIVERED TO RRBWS (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)

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) = Column (A) x 1/3.
 Column (D) = Column (C) minus Column (B).

KERN RIVER CANAL & IRRIGATING COMPANY
CITY OF BAKERSFIELD

Year: 2006

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	873	232	420	3,610	11,930	8,022	1,238	0	0	0	0	0	26,325
Release	4,240	0	(34)	(192)	0	0	0	0	0	0	0	0	4,014
ENTITLEMENT + OR - RELEASE	5,113	232	386	3,418	11,930	8,022	1,238	0	0	0	0	0	30,339
Oilfield Discharge	0	0	0	0	0	0	0	0	0	24	163	133	320
From City of Bakersfield	0	0	0	0	0	0	0	0	0	0	0	0	0
From NKWSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Into Isabella Storage	4,851	155	233	2,170	10,857	6,800	258	0	0	0	0	0	25,324
From Isabella Storage	46	453	198	0	0	0	87	6,395	1,724	1,338	1,067	0	11,308
To City of Bakersfield	0	0	0	0	0	0	0	0	1,428	1,146	1,067	0	3,641
To NKWSD in Isabella Storage	0	0	79	575	0	0	0	5,885	0	0	0	0	6,539
DIVERTED AT HEAD	308	530	272	673	1,073	1,222	1,067	510	296	216	163	133	6,463
Irrigation Deliveries	38	340	154	226	539	575	552	395	228	166	116	91	3,420
NKWSD at Seventh Standard Line	262	70	46	381	0	228	371	0	0	0	0	0	1,358
Cawelo WD at Pump Station "B"	0	0	0	0	0	0	0	0	0	0	0	0	0
Spreading Deliveries	0	0	0	0	405	280	0	0	0	0	0	0	685
Canal Loss	8	120	72	66	129	139	144	115	68	50	47	42	1,000
Irrigation Delivery Percentage	97%	77%	74%	90%	50%	66%	87%	77%	77%	77%	71%	68%	74%

Into Isabella Storage	4,851	155	233	2,170	10,857	6,800	258	0	0	0	0	0	25,324
Isabella Evaporation Loss	142	83	61	119	309	577	853	709	655	366	218	113	4,205
From Isabella Storage	46	453	198	0	0	0	87	6,395	1,724	1,338	1,067	0	11,308
Transfer in Storage	0	10,000	0	0	0	0	0	0	0	0	0	0	10,000
End of Month Isabella Storage	24,274	13,893	13,867	15,918	26,466	32,689	32,007	24,903	22,524	20,820	19,535	19,422	

SOUTH FORK DIVERSION RIGHT SUMMARY

Quantities in acre-feet

Year: 2006

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	611	553	87	238	341	234	93	28	329	210	91	268	3,081
Release	(611)	(459)	(55)	37	156	143	54	42	295	436	534	(266)	306
Entitlement + or - Releases	0	94	32	275	497	377	147	70	624	646	625	0	3,387
Into Isabella Storage	0	94	32	275	473	359	129	56	608	646	625	0	3,297
From Isabella Storage	0	0	0	0	0	2	12	28	0	0	0	0	42
Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Deliveries	0	0	0	0	24	20	30	42	16	0	0	0	132
Old South Fork	0	0	0	0	0	0	0	0	0	0	0	0	0
Panama Ranch	0	0	0	0	24	20	30	42	16	0	0	0	132
Into Isabella Storage	0	94	32	275	473	359	129	56	608	646	625	0	3,297
From Isabella Storage	0	0	0	0	0	2	12	28	0	0	0	0	42
Transfer in Storage	0	0	0	0	0	0	0	0	0	0	3,255	0	3,255
End of Month Isabella Storage	600	694	726	1,001	1,474	1,831	1,948	1,976	2,584	3,230	600	600	600

DISCHARGE IN CUBIC FEET PER SECOND

City of Bakersfield Diverted to California Water Service Company

Year: 2006

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	10	17	16	16	20	26	33	31	29	23	21	16
2	14	17	18	15	19	26	32	29	23	11	20	17
3	14	19	17	15	19	27	30	29	25	21	21	16
4	14	18	6	16	21	27	33	26	27	21	20	17
5	16	18	15	6	22	24	35	31	27	20	21	16
6	14	18	17	0	21	26	34	30	24	21	20	18
7	14	19	19	17	22	26	34	30	24	19	20	16
8	15	16	18	16	21	26	34	27	25	20	19	16
9	14	19	19	18	21	28	34	31	23	19	20	17
10	14	18	18	20	22	26	26	30	25	20	20	16
11	15	19	17	20	21	26	29	27	25	20	19	18
12	14	18	18	19	22	25	28	31	26	20	20	17
13	14	19	18	20	22	26	30	30	24	5	20	14
14	15	18	19	18	22	25	31	29	24	19	10	19
15	14	17	18	18	21	28	34	30	25	15	20	16
16	14	19	18	20	23	26	30	28	24	17	20	15
17	15	17	19	18	22	29	30	29	25	20	20	13
18	14	18	18	21	23	29	29	28	24	19	20	15
19	14	17	18	19	26	28	28	28	24	20	19	13
20	14	18	17	20	25	28	29	28	24	22	15	15
21	15	17	17	19	20	27	27	29	24	20	20	5
22	14	18	12	20	22	28	31	28	25	21	19	13
23	15	20	20	19	26	27	32	26	22	21	18	1
24	16	19	20	20	22	29	27	28	24	20	15	0
25	15	19	19	19	23	30	26	29	22	21	20	4
26	15	19	20	20	21	28	27	26	24	21	11	13
27	15	17	20	19	23	35	30	27	23	20	18	11
28	15	17	20	20	22	33	27	26	23	21	17	11
29	15	-	19	19	24	32	32	29	25	20	16	13
30	16	-	16	19	23	35	32	29	24	21	16	14
31	15	-	16	-	25	-	32	25	-	20	-	13
TOTAL	448	505	542	526	686	836	946	884	733	598	555	418
MAXIMUM DAY	16	20	20	21	26	35	35	31	29	23	21	19
MINIMUM DAY	10	16	6	0	19	24	26	25	22	5	10	0
MEAN	14	18	17	18	22	28	31	29	24	19	19	13
TOTAL AC. FT.	889	1,002	1,074	1,043	1,362	1,658	1,876	1,754	1,453	1,185	1,101	828
WHOLE YEAR:-	TOTAL,	7,677	MAX.,	35	MIN.,	0	MEAN,	21	TOTAL AC.FT.,	15,225		

City of Bakersfield Diverted to Olcese Water District
 (Pursuant to Agreement No. 99-05 W.B. dated June 30, 1999) Year: 2006

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	1	2	2	2	2	1	0	1
2	0	0	0	0	2	2	2	3	2	1	1	0
3	0	0	0	0	1	2	2	2	2	0	0	1
4	0	1	0	0	2	2	3	2	2	0	1	0
5	0	0	0	0	1	3	2	2	2	1	1	1
6	0	0	0	0	2	2	2	2	2	1	0	0
7	0	1	0	0	1	2	3	2	2	1	1	1
8	1	0	0	0	2	2	2	3	2	1	0	0
9	0	0	0	0	1	2	3	2	2	1	1	1
10	0	0	0	0	2	3	2	2	2	1	1	0
11	0	0	0	0	1	2	3	2	2	1	0	1
12	1	0	0	1	2	2	2	2	2	1	1	0
13	0	0	0	1	1	2	2	3	2	1	0	1
14	0	0	0	1	2	2	3	2	2	0	1	0
15	0	0	0	0	1	3	2	2	2	1	1	0
16	1	0	0	0	2	2	2	2	2	1	0	1
17	0	0	1	1	1	2	2	2	2	1	1	0
18	0	0	1	1	2	2	3	2	2	1	0	0
19	0	0	1	1	1	2	2	2	2	1	1	1
20	1	0	1	0	2	3	2	2	2	1	1	0
21	0	0	1	0	1	2	3	2	2	1	0	0
22	0	0	1	1	2	2	2	2	2	1	1	1
23	1	0	0	0	1	2	3	1	2	1	0	0
24	0	0	1	1	2	2	2	2	2	1	1	0
25	0	0	1	1	1	3	3	2	2	1	1	0
26	1	0	1	1	2	2	2	1	2	0	0	0
27	0	0	0	0	1	2	2	2	1	1	1	0
28	0	0	1	1	2	2	3	2	2	1	0	0
29	1	-	1	0	1	2	2	1	2	1	1	0
30	0	-	1	0	2	3	3	2	2	1	1	0
31	0	-	0	-	1	-	2	2	-	1	-	0
TOTAL	7	2	12	11	46	66	73	62	59	27	18	10
MAXIMUM DAY	1	1	1	1	2	3	3	3	2	1	1	1
MINIMUM DAY	0	0	0	0	1	2	2	1	1	0	0	0
MEAN	0	0	0	0	1	2	2	2	2	1	1	0
TOTAL AC. FT.	13	4	25	21	92	130	144	123	118	53	35	20
WHOLE YEAR:-	TOTAL,	393	MAX.,	3	MIN.,	0	MEAN,	1	TOTAL AC.FT.,	778		

Year: 2006

City of Bakersfield Diverted to Kern Valley Golf Course

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	1	1	1	0	0	1	1	0
2	0	0	0	0	0	0	0	1	1	0	0	0
3	0	0	0	0	1	1	1	1	0	0	0	0
4	0	0	0	0	0	0	0	0	1	0	0	0
5	0	1	0	0	1	1	1	1	1	1	0	0
6	0	0	0	0	0	0	0	1	0	0	0	1
7	1	0	0	0	1	1	1	0	1	0	1	0
8	0	0	0	0	0	1	1	1	0	1	0	0
9	0	0	0	0	0	0	0	0	1	0	0	0
10	0	0	0	0	1	1	1	1	1	0	1	0
11	0	0	0	1	0	0	0	1	0	1	0	0
12	0	0	0	0	1	1	1	0	1	0	0	0
13	0	0	0	0	0	0	0	1	0	0	0	0
14	0	0	0	0	1	1	1	0	1	0	1	0
15	0	0	0	0	0	1	1	1	0	0	0	0
16	0	0	0	0	1	0	0	1	0	1	0	0
17	1	1	0	0	0	1	1	0	1	0	0	0
18	0	0	0	0	1	0	0	1	0	1	0	0
19	0	0	0	0	0	1	1	0	1	0	1	0
20	0	0	0	0	0	0	0	1	0	1	0	0
21	0	0	0	0	1	1	1	1	0	0	0	0
22	0	0	0	1	0	1	0	0	1	1	0	0
23	0	0	0	0	1	0	1	1	0	0	0	0
24	0	0	0	0	0	1	1	0	1	1	0	0
25	0	0	0	0	1	1	0	1	0	0	1	0
26	1	0	0	1	0	0	1	1	0	0	0	0
27	0	0	0	0	1	1	0	0	1	1	0	0
28	0	0	0	0	0	0	1	1	0	0	0	0
29	0	-	0	1	1	1	0	0	1	0	0	0
30	0	-	0	0	0	1	1	1	0	1	0	0
31	0	-	0	-	1	-	1	1	-	0	-	0
TOTAL	3	2	0	4	15	18	18	19	14	11	6	1
MAXIMUM DAY	1	1	0	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	1	1	1	0	0	0	0
TOTAL AC. FT.	6	3	0	8	29	36	36	37	28	23	12	2
WHOLE YEAR:-	TOTAL,	111	MAX.,	1	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	220		

City of Bakersfield Diverted to Kern County Water Agency
(Miscellaneous) Year: 2006

DISCHARGE IN CUBIC FEET PER SECOND

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	54	0	0	0	0	0	0	0	0	0	0	0
12	105	0	0	0	0	0	0	0	0	0	0	0
13	118	0	0	0	0	0	0	0	0	0	0	0
14	149	0	0	0	0	0	0	0	0	0	0	0
15	194	0	0	0	0	0	0	0	0	0	0	0
16	172	0	0	0	0	0	0	0	0	0	0	0
17	143	0	0	0	0	0	0	0	0	0	0	0
18	145	0	0	0	0	0	0	0	0	0	0	0
19	117	0	0	0	0	0	0	0	0	0	0	0
20	120	0	0	0	0	0	0	0	0	0	0	0
21	92	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	1,409	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	194	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	45	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	2,794	0	0	0	0	0	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	1,409	MAX.,	194	MIN.,	0	MEAN,	4	TOTAL AC.FT.,	2,794		

Year: 2006

City of Bakersfield Diverted to Kern Water Bank Authority
(Miscellaneous)

DISCHARGE IN CUBIC FEET PER SECOND

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	118	0	0	0	0	0	0	0	0	0	0	0
12	290	0	0	0	0	0	0	0	0	0	0	0
13	310	0	0	0	0	0	0	0	0	0	0	0
14	298	0	0	0	0	0	0	0	0	0	0	0
15	306	0	0	0	0	0	0	0	0	0	0	0
16	320	0	0	0	0	0	0	0	0	0	0	0
17	310	0	0	0	0	0	0	0	0	0	0	0
18	307	0	0	0	0	0	0	0	0	0	0	0
19	300	0	0	0	0	0	0	0	0	0	0	0
20	300	0	0	0	0	0	0	0	0	0	0	0
21	262	0	0	0	0	0	0	0	0	0	0	0
22	46	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	3,167	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM DAY	320	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	102	0	0	0	0	0	0	0	0	0	0	0
TOTAL AC. FT.	6,282	0	0	0	0	0	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	3,167	MAX.,	320	MIN.,	0	MEAN,	9	TOTAL AC.FT.,	6,282		

Total Water Spread in City of Bakersfield's 2800 Acre Recharge Facility
(All Sources, All Entities)

Year: 2006

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	102	93	98	90	238	177	169	85	79	89	102	95
2	105	98	95	95	206	187	150	94	65	83	103	85
3	104	103	80	79	173	175	134	93	76	65	97	87
4	85	102	85	52	126	160	135	87	68	61	88	86
5	93	94	103	101	185	141	143	100	75	97	79	84
6	100	96	112	216	193	129	149	110	83	90	76	88
7	109	100	100	125	176	113	130	101	71	60	78	90
8	107	86	91	82	209	130	134	94	80	104	86	98
9	90	82	88	174	183	155	133	97	97	100	91	72
10	141	95	89	261	126	161	119	118	105	89	87	70
11	354	100	102	183	166	158	127	101	105	56	93	80
12	352	106	99	169	184	153	110	115	100	53	83	91
13	138	101	103	118	182	152	118	134	102	8	81	87
14	121	107	101	147	161	146	113	136	109	0	83	89
15	119	101	105	141	135	146	117	124	94	0	72	84
16	115	99	93	293	118	156	103	133	80	0	79	97
17	110	102	97	203	143	167	99	129	87	0	85	97
18	110	101	100	158	136	173	88	143	85	0	93	95
19	134	107	95	124	134	161	81	126	83	0	110	86
20	126	96	90	146	146	148	85	143	90	66	89	80
21	73	104	77	73	139	144	89	138	99	209	104	104
22	58	58	82	115	162	137	92	121	142	224	101	108
23	97	79	87	257	251	118	106	116	114	172	100	93
24	90	132	80	181	200	129	111	115	128	93	97	93
25	106	126	97	75	132	158	111	109	77	61	101	84
26	118	105	78	112	96	148	109	107	66	47	103	86
27	93	93	67	210	133	153	115	115	64	56	96	85
28	76	85	70	289	153	147	97	107	65	94	6	75
29	48	-	98	308	211	142	109	116	71	91	15	68
30	70	-	75	300	199	158	92	110	87	91	105	63
31	123	-	96	-	207	-	88	103	-	88	-	95
TOTAL	3,667	2,751	2,833	4,877	5,203	4,522	3,556	3,520	2,647	2,247	2,583	2,695
MAXIMUM DAY	354	132	112	308	251	187	169	143	142	224	110	108
MINIMUM DAY	48	58	67	52	96	113	81	85	64	0	6	63
MEAN	118	98	91	163	168	151	115	114	88	72	86	87
TOTAL AC. FT.	7,273	5,456	5,619	9,673	10,320	8,970	7,053	6,983	5,250	4,457	5,123	5,344
WHOLE YEAR:-	TOTAL,	41,101	MAX.,	354	MIN.,	0	MEAN,	113	TOTAL AC.FT.,	81,521		

Year: 2006

Total Flow via the Arvin-Edison Turnout

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	242	0	0	0	0	0	0
2	0	0	0	0	0	255	0	0	0	0	0	0
3	22	0	0	0	0	263	0	0	0	0	0	0
4	121	0	0	0	0	230	0	0	0	0	0	0
5	111	0	0	0	0	231	0	0	0	0	0	0
6	254	0	0	0	0	238	0	0	0	0	0	0
7	222	0	0	0	0	204	0	0	0	0	0	0
8	48	0	0	0	0	135	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	19	0	0	0	0	0	0
12	0	0	0	0	17	98	0	0	0	0	0	0
13	0	0	0	0	103	158	0	0	0	0	0	0
14	0	0	0	0	101	171	0	0	0	0	0	0
15	0	0	0	0	116	153	0	0	0	0	0	0
16	0	0	0	0	159	161	0	0	0	0	0	0
17	0	0	0	0	189	154	0	0	0	0	0	0
18	0	0	0	0	206	147	0	0	0	0	0	0
19	0	0	0	0	213	149	0	0	0	0	0	0
20	0	0	0	0	204	169	0	0	0	0	0	0
21	0	0	0	0	199	157	0	0	0	0	0	0
22	0	0	0	0	195	174	0	0	0	0	0	0
23	0	0	0	0	198	165	0	0	0	0	0	0
24	0	0	0	0	189	129	0	0	0	0	0	0
25	0	0	0	0	197	85	0	0	0	0	0	0
26	0	0	0	0	202	0	0	0	0	0	0	0
27	0	0	0	0	209	0	0	0	0	0	0	0
28	0	0	0	0	205	0	0	0	0	0	0	0
29	0	-	0	0	207	0	0	0	0	0	0	0
30	0	-	0	0	212	0	0	0	0	0	0	0
31	0	-	0	-	215	-	0	0	-	0	-	0
TOTAL	778	0	0	0	3,536	3,887	0	0	0	0	0	0
MAXIMUM DAY	254	0	0	0	215	263	0	0	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	25	0	0	0	114	130	0	0	0	0	0	0
TOTAL AC. FT.	1,543	0	0	0	7,014	7,710	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	8,201	MAX.,	263	MIN.,	0	MEAN,	22	TOTAL AC.FT.,	16,267		

Year: 2006

Total Flow via the Berrenda Mesa Pipeline at Head

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	78	33	35	36	27	33	34	30	35	27	34	73
2	60	33	37	36	30	34	35	32	35	32	43	70
3	57	36	36	37	28	33	35	32	36	26	53	71
4	47	36	35	32	28	34	36	32	35	33	50	69
5	31	36	35	30	29	29	36	34	36	43	48	71
6	23	38	37	29	31	32	36	34	40	42	48	70
7	18	39	39	31	29	33	36	34	37	34	51	71
8	13	39	39	30	28	35	34	34	37	38	51	71
9	14	39	40	30	29	36	34	34	36	38	50	67
10	28	39	37	31	33	33	33	34	34	42	50	64
11	38	39	36	25	31	31	31	34	33	41	50	60
12	15	39	36	25	30	31	33	33	34	39	50	63
13	14	40	38	25	30	32	36	33	28	25	41	65
14	44	39	36	27	30	33	36	34	33	49	39	65
15	50	39	36	30	34	31	36	34	38	67	32	70
16	45	39	36	30	29	33	36	34	39	69	33	66
17	48	37	36	29	29	33	36	34	37	78	34	63
18	49	38	36	29	29	34	35	38	35	71	33	66
19	47	40	36	29	31	33	34	39	35	71	31	65
20	50	41	37	30	31	33	32	38	34	69	35	59
21	49	41	32	30	32	33	30	36	34	45	51	63
22	48	30	32	29	39	26	27	42	33	47	60	64
23	45	40	36	29	38	28	27	37	30	44	62	62
24	45	39	40	31	37	28	27	40	30	40	67	59
25	42	38	37	30	33	32	24	35	33	27	59	65
26	37	38	36	30	30	32	27	35	32	19	58	60
27	34	43	33	30	32	34	27	39	33	20	62	64
28	32	42	36	31	34	32	27	34	31	20	62	64
29	33	-	37	31	34	33	27	38	28	18	64	59
30	33	-	37	31	35	32	27	40	27	19	69	59
31	33	-	36	-	33	-	28	38	-	23	-	60
TOTAL	1,200	1,070	1,125	903	973	966	992	1,095	1,018	1,256	1,470	2,018
MAXIMUM DAY	78	43	40	37	39	36	36	42	40	78	69	73
MINIMUM DAY	13	30	32	25	27	26	24	30	27	18	31	59
MEAN	39	38	36	30	31	32	32	35	34	41	49	65
TOTAL AC. FT.	2,380	2,122	2,231	1,791	1,930	1,916	1,968	2,172	2,019	2,491	2,916	4,003
WHOLE YEAR:-	TOTAL,	14,086	MAX.,	78	MIN.,	13	MEAN,	39	TOTAL AC.FT.,	27,939		

DISCHARGE IN CUBIC FEET PER SECOND

Total Flow via the Pioneer Canal at Head

Year: 2006

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	77	0	34	39	0	0	0	0	0
2	0	0	0	76	0	34	39	0	0	0	0	0
3	0	0	0	81	0	34	39	0	0	0	0	0
4	0	0	0	31	0	34	39	0	0	0	0	0
5	0	0	0	0	0	34	40	0	0	0	0	0
6	0	0	0	26	0	34	40	0	0	0	0	0
7	0	0	0	42	0	34	40	0	0	0	0	0
8	0	0	0	45	0	34	40	0	0	0	0	0
9	0	0	0	15	0	35	22	0	0	0	0	0
10	0	0	0	0	0	35	0	0	0	0	0	0
11	86	0	0	16	0	35	0	0	0	0	0	0
12	178	0	0	24	0	34	0	0	0	0	0	0
13	172	0	0	15	0	34	0	0	0	0	0	0
14	156	0	0	9	0	34	0	0	0	0	0	0
15	142	0	0	3	6	34	0	0	0	0	0	0
16	141	0	0	0	25	34	0	0	0	0	0	0
17	71	0	0	0	29	34	0	0	0	0	0	0
18	0	0	0	0	37	33	0	0	0	0	0	0
19	23	0	0	0	32	34	0	0	0	0	0	0
20	49	0	0	50	33	63	0	0	0	0	0	0
21	55	0	0	31	38	166	0	0	0	0	0	0
22	59	0	0	0	37	239	0	0	0	0	0	0
23	57	0	0	0	36	239	0	0	0	0	0	0
24	23	0	0	0	36	157	0	0	0	0	0	0
25	0	0	0	0	36	40	0	40	0	0	0	0
26	0	0	66	0	35	40	0	0	0	0	0	0
27	0	0	145	0	35	40	0	0	0	0	0	0
28	0	0	117	0	34	39	0	0	0	0	0	0
29	0	-	94	0	34	40	0	0	0	0	0	0
30	0	-	87	0	34	40	0	0	0	0	0	0
31	0	-	81	-	34	-	0	0	-	0	-	0
TOTAL	1,212	0	590	541	551	1,751	338	40	0	0	0	0
MAXIMUM DAY	178	0	145	81	38	239	40	40	0	0	0	0
MINIMUM DAY	0	0	0	0	0	33	0	0	0	0	0	0
MEAN	39	0	19	18	18	58	11	1	0	0	0	0
TOTAL AC. FT.	2,404	0	1,170	1,073	1,093	3,473	670	79	0	0	0	0
WHOLE YEAR:-	TOTAL,	5,023	MAX.,	239	MIN.,	0	MEAN,	14	TOTAL AC.FT.,	9,962		

Cross Valley Canal - Turnout #1 to Kern River Channel
 (As reported by Kern County Water Agency) Year: 2006

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	230	243	216	0	0	0	31	143	107	97	235	210
2	254	230	257	0	0	0	0	140	88	91	253	208
3	284	259	206	0	0	0	0	134	104	78	235	211
4	256	290	152	0	0	0	0	131	104	129	227	209
5	230	297	152	0	0	0	0	140	104	202	221	208
6	232	297	152	0	0	0	0	148	103	190	225	208
7	233	297	181	0	0	0	0	147	102	145	225	207
8	198	280	195	0	0	0	0	164	132	204	227	207
9	78	261	195	0	0	0	0	166	205	184	227	180
10	0	263	200	0	0	0	112	149	247	180	228	192
11	0	267	202	0	0	0	224	145	247	137	226	202
12	2	266	202	0	0	0	215	170	262	135	200	201
13	3	265	204	0	0	0	194	174	272	57	167	201
14	0	267	205	0	0	0	174	185	288	0	155	201
15	0	266	206	0	0	0	143	186	266	0	135	204
16	0	252	208	0	0	0	138	182	202	0	142	201
17	0	242	201	0	0	0	81	182	226	0	147	198
18	0	242	204	0	0	0	38	201	183	0	157	196
19	0	242	208	0	0	0	59	175	177	0	211	196
20	0	210	254	0	0	0	83	162	168	66	156	193
21	0	195	264	0	0	0	94	162	168	209	235	214
22	0	148	250	0	0	0	125	167	184	244	237	217
23	0	158	252	0	0	0	126	164	194	201	236	213
24	0	215	248	0	0	0	122	158	294	160	241	208
25	0	240	202	0	0	0	110	124	172	135	240	213
26	0	240	83	0	0	0	119	86	82	125	242	213
27	0	240	0	0	0	0	157	173	74	131	227	212
28	0	207	0	0	0	31	157	160	76	174	2	199
29	81	-	0	0	0	58	148	164	79	187	106	155
30	235	-	0	0	0	61	159	172	95	200	217	138
31	282	-	0	-	0	-	159	174	-	200	-	143
TOTAL	2,598	6,879	5,299	0	0	150	2,968	4,928	5,005	3,861	5,982	6,158
MAXIMUM DAY	284	297	264	0	0	61	224	201	294	244	253	217
MINIMUM DAY	0	148	0	0	0	0	0	86	74	0	2	138
MEAN	84	246	171	0	0	5	96	159	167	125	199	199
TOTAL AC. FT.	5,153	13,644	10,510	0	0	298	5,887	9,775	9,927	7,658	11,865	12,214
WHOLE YEAR:-	TOTAL,	43,828	MAX.,	297	MIN.,	0	MEAN,	120	TOTAL AC.FT.,	86,931		

Cross Valley Canal - Turnout #2 to Kern River Channel
 (As reported by Kern County Water Agency)

Year: 2006

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	83	68	68	0	0	0	0	15	45	39	42	80
2	83	67	64	0	0	0	0	15	45	37	53	80
3	78	68	64	0	0	0	0	16	45	37	66	80
4	74	68	69	0	0	0	0	16	45	47	64	80
5	78	68	68	0	0	0	0	17	45	56	62	80
6	80	68	68	0	0	0	0	16	52	50	64	81
7	81	67	68	0	0	0	0	17	45	40	65	81
8	38	67	68	0	0	0	0	18	45	58	69	81
9	0	66	68	0	0	0	0	19	45	56	68	75
10	0	68	65	0	0	0	12	19	45	54	68	48
11	0	68	63	0	0	0	23	19	45	50	67	66
12	0	67	63	0	0	0	19	21	48	50	67	83
13	0	67	63	0	0	0	19	22	44	29	58	81
14	0	69	64	0	0	0	19	24	49	69	55	81
15	0	75	64	0	0	0	24	23	51	86	54	81
16	0	74	64	0	0	0	24	19	52	82	52	81
17	0	74	63	0	0	0	26	17	51	80	56	80
18	0	74	64	0	0	0	22	14	50	81	57	80
19	0	74	64	0	0	0	24	14	50	82	52	81
20	0	74	63	0	0	0	21	14	50	71	62	74
21	0	74	63	0	0	0	28	14	48	50	75	78
22	0	55	73	0	0	0	33	14	45	50	79	83
23	0	57	78	0	0	0	35	14	44	50	77	84
24	0	69	75	0	0	0	33	14	45	50	82	85
25	0	78	39	0	0	0	18	13	46	39	83	82
26	0	77	0	0	0	0	16	6	44	29	83	83
27	0	72	0	0	0	0	17	13	39	30	82	87
28	0	66	0	0	0	0	17	14	38	30	82	86
29	0	-	0	0	0	0	17	34	37	30	82	79
30	27	-	0	0	0	0	16	52	38	30	82	78
31	67	-	0	-	0	-	16	47	-	33	-	77
TOTAL	689	1,939	1,633	0	0	0	479	590	1,371	1,575	2,008	2,456
MAXIMUM DAY	83	78	78	0	0	0	35	52	52	86	83	87
MINIMUM DAY	0	55	0	0	0	0	0	6	37	29	42	48
MEAN	22	69	53	0	0	0	15	19	46	51	67	79
TOTAL AC. FT.	1,367	3,846	3,239	0	0	0	950	1,170	2,719	3,124	3,983	4,871
WHOLE YEAR:-	TOTAL,	12,740	MAX.,	87	MIN.,	0	MEAN,	35	TOTAL AC.FT.,	25,269		

Cross Valley Canal - Turnout #3 to Kern River Channel
(As reported by Kern County Water Agency) Year: 2006

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	50	53	32	0	0	0	0	24	29	87	53	55
2	54	51	33	0	0	0	0	23	26	87	51	55
3	48	50	35	0	0	0	0	23	24	83	52	55
4	45	53	35	0	0	0	0	23	23	81	51	55
5	47	45	36	0	0	0	0	23	24	80	52	55
6	47	40	36	0	0	0	0	23	24	81	51	54
7	46	41	36	0	0	0	0	22	24	57	52	54
8	24	38	38	0	0	0	0	22	24	81	51	54
9	0	37	38	0	0	0	0	23	24	70	53	54
10	0	37	35	0	0	0	12	25	24	85	52	53
11	0	37	33	0	0	0	25	25	38	86	54	54
12	0	37	30	0	0	0	25	28	45	85	53	55
13	0	36	30	0	0	0	25	28	47	86	54	56
14	0	36	27	0	0	0	25	28	48	86	54	57
15	0	34	28	0	0	0	25	28	49	84	55	57
16	0	35	31	0	0	0	26	25	49	85	50	57
17	0	37	31	0	0	0	25	25	49	85	51	57
18	0	37	30	0	0	0	25	27	50	87	53	57
19	0	37	30	0	0	0	1	26	50	87	52	57
20	0	37	30	0	0	0	16	29	51	86	52	58
21	0	37	34	0	0	0	26	31	78	85	50	56
22	0	25	35	0	0	0	25	30	90	84	51	54
23	0	26	36	0	0	0	25	27	90	84	53	48
24	0	31	39	0	0	0	25	25	90	85	58	49
25	0	34	38	0	0	0	25	11	90	85	57	52
26	0	35	35	0	0	0	25	12	89	85	58	51
27	0	39	35	0	0	0	31	36	89	85	58	49
28	0	36	35	0	0	0	25	35	88	84	57	49
29	0	-	11	0	0	0	25	43	86	67	57	49
30	22	-	0	0	0	0	25	41	86	58	56	49
31	56	-	0	-	0	-	25	33	-	55	-	51
TOTAL	439	1,071	952	0	0	0	512	824	1,598	2,506	1,601	1,666
MAXIMUM DAY	56	53	39	0	0	0	31	43	90	87	58	58
MINIMUM DAY	0	25	0	0	0	0	0	11	23	55	50	48
MEAN	14	38	31	0	0	0	17	27	53	81	53	54
TOTAL AC. FT.	871	2,124	1,898	0	0	0	1,016	1,634	3,170	4,971	3,175	3,304
WHOLE YEAR:-	TOTAL,	11,169	MAX.,	90	MIN.,	0	MEAN,	31	TOTAL AC.FT.,	22,153		

Cross Valley Canal - Turnout #4 to Kern River Channel
 (As reported by Kern County Water Agency)

Year: 2006

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	74	66	48	49	0	0	0	53	47	29	36	22
2	57	68	28	49	0	0	0	53	53	27	23	22
3	26	68	32	50	0	0	0	54	60	27	19	23
4	49	59	52	50	0	0	0	54	59	28	23	25
5	75	58	52	53	0	0	0	52	59	29	21	24
6	73	60	50	56	0	0	0	53	58	30	20	24
7	73	59	50	58	0	0	0	55	53	22	17	24
8	75	59	50	54	0	0	0	55	47	30	18	22
9	78	59	50	51	0	0	0	55	29	30	24	24
10	77	60	50	52	0	0	37	57	4	33	20	32
11	77	60	50	52	0	0	79	58	0	33	16	38
12	40	60	50	52	0	0	81	65	0	33	23	36
13	6	59	53	52	0	0	59	68	0	22	19	27
14	8	57	54	53	0	0	63	72	0	30	15	31
15	3	50	54	52	0	0	60	73	0	30	15	42
16	7	50	53	52	0	0	64	70	0	30	16	35
17	7	55	53	52	0	0	44	67	0	30	19	40
18	8	57	54	53	0	0	45	45	0	29	22	42
19	3	60	54	54	0	0	1	18	0	29	28	40
20	7	61	55	53	0	0	8	20	0	30	33	26
21	9	59	57	52	0	0	23	23	0	28	26	18
22	57	45	52	17	0	0	27	18	0	28	25	16
23	79	45	53	0	0	0	25	23	0	23	26	10
24	76	48	52	0	0	0	24	29	0	30	23	4
25	76	50	52	0	0	0	0	98	13	27	22	4
26	72	50	52	0	0	0	0	62	31	28	21	4
27	66	50	52	0	0	0	35	95	29	27	21	5
28	61	44	52	0	0	0	55	29	28	27	22	12
29	61	-	51	0	0	0	56	36	28	35	22	16
30	60	-	50	0	0	0	56	39	28	42	22	17
31	63	-	51	-	0	-	57	47	-	33	-	22
TOTAL	1,503	1,576	1,566	1,116	0	0	899	1,596	626	909	657	727
MAXIMUM DAY	79	68	57	58	0	0	81	98	60	42	36	42
MINIMUM DAY	3	44	28	0	0	0	0	18	0	22	15	4
MEAN	48	56	51	37	0	0	29	51	21	29	22	23
TOTAL AC. FT.	2,981	3,126	3,106	2,213	0	0	1,783	3,166	1,242	1,803	1,303	1,442
WHOLE YEAR:-	TOTAL,	11,175	MAX.,	98	MIN.,	0	MEAN,	31	TOTAL AC.FT.,	22,165		

NORTH KERN WATER STORAGE DISTRICT



Beardsley Canal Headgate

NORTH KERN WATER STORAGE DISTRICT

Year: 2006

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
NKWS River Entitlement	12,245	9,042	4,382	32,334	46,425	42,536	10,276	883	196	0	0	379	158,698
Release	8,242	4,084	6,123	2,831	375	0	0	28	2,333	8,554	8,645	8,413	49,628
ENTITLEMENT + OR - RELEASE	20,487	13,126	10,505	35,165	46,800	42,536	10,276	911	2,529	8,554	8,645	8,792	208,326
From KFC & Irr. Company	262	70	125	956	0	228	371	5,885	0	0	0	0	7,897
From City of Bakersfield	135	0	3,021	353	0	464	12,359	12,021	0	0	0	104	28,457
From Isabella Reservoir Storage	14,664	0	14	3,469	10,470	11,548	40,723	13,761	11,609	261	2,029	300	108,848
From Cawelo WD	0	0	0	0	0	0	0	0	0	1,111	2,392	0	3,503
From Improvement District No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0
From Rosedale RBWSD	0	0	153	8,132	0	0	0	0	0	0	0	0	8,285
To City of Bakersfield	2,729	0	0	0	0	0	0	0	0	0	0	261	2,990
To Improvement District #4	780	0	0	0	0	0	0	0	0	0	0	103	883
To Cawelo WD	0	0	0	0	0	0	0	0	0	0	0	136	136
Into Isabella Reservoir Storage	8,208	5,389	12,649	28,504	2,896	1,664	9,117	15,062	0	32,324	381	1,697	117,891
Other	(5,546)	0	0	(4,430)	(3,364)	6,592	0	0	0	29,500	0	0	22,756
TOTAL DIVERTED FROM RIVER	18,285	7,807	1,169	15,141	51,010	59,704	54,612	17,516	14,138	7,102	12,685	7,003	266,172
Loss to Seventh Standard Line	2,788	66	82	266	4,311	4,174	1,467	569	64	72	80	101	14,040
Oilfield Discharge	0	0	0	208	1,029	859	911	912	893	766	810	730	7,118
NKWS Deep Well Production	0	839	686	0	0	397	0	0	0	0	0	0	1,922
Non-District Deep Well Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Poso Creek Natural Flow	0	0	284	4,138	0	0	0	0	0	0	0	0	4,422
Friant-Kern Inflow to Poso Creek	0	0	809	269	4,800	0	0	0	1,056	3,277	414	2,638	13,263
Friant-Kern Inflow to 8-1-0 Lateral	0	0	2,573	9,310	3,877	286	0	4,006	4,037	11,068	6,526	8,615	50,298
Friant-Kern Inflow via SWID (9-0-67)	0	0	0	66	0	0	0	0	0	0	0	0	66
Rosedale Ranch Improvement District	135	0	0	544	2,055	2,648	2,359	2,021	1,345	1,022	795	474	13,398
Semitropic WSD via Poso Creek	0	0	0	0	6,801	4,933	0	0	0	0	0	0	12,617
To Cawelo WD (Oilfield Discharge)	0	0	0	208	1,029	859	911	912	893	766	810	661	7,049
CVC Calloway Inflow	780	0	0	0	0	0	605	879	0	0	0	0	2,264
CVC Conduit "A" Inflow	0	3,116	8,888	2,473	0	0	0	3,445	2,386	3,778	5,925	6,349	36,360
TOTAL DISTRICT SUPPLY	16,142	11,696	14,327	30,587	46,520	48,632	51,391	23,256	20,208	24,131	24,675	23,216	334,781
Class 1 Irrigation Deliveries	89	3,731	4,139	3,788	11,760	13,640	15,385	11,802	8,058	3,955	3,349	891	80,587
Class 2 Irrigation Deliveries	309	2,729	2,630	2,132	8,969	10,201	11,139	8,824	6,729	2,957	2,309	524	59,452
Semitropic WSD Irrigation Deliveries	0	0	108	0	0	0	171	115	0	167	36	0	597
Paramount Farming Co. Irrigation Deliveries	0	0	0	0	0	0	0	0	0	0	0	0	0
Shafter-Wasco ID Irrigation Deliveries	0	0	0	0	196	99	34	0	0	0	0	0	329
TOTAL IRRIGATION USE	398	6,460	6,877	5,920	20,925	23,940	26,729	20,741	14,787	7,079	5,694	1,415	140,965
District Spreading Ponds (Kern)	14,693	329	0	200	16,248	18,907	20,862	0	0	4,564	8,294	10,687	94,784
District Spreading Ponds (Other)	0	0	2,319	15,406	2,943	286	0	0	2,440	10,050	5,093	7,525	46,062
Poso Creek Spreading (Kern)	699	20	0	180	1,476	2,420	1,065	0	0	0	1,002	256	7,118
Poso Creek Spreading (Other)	0	0	1,198	3,215	845	0	0	0	1,056	3,277	655	1,603	11,849
TOTAL DISTRICT SPREADING	15,392	349	3,517	19,001	21,512	21,613	21,927	0	3,496	17,891	15,044	20,071	159,813
TOTAL DISTRICT USE	15,790	6,809	10,394	24,921	42,437	45,553	48,656	20,741	18,283	24,970	20,738	21,486	300,778
Total NKWSD Canal Loss	352	4,887	3,933	5,666	4,083	3,079	2,735	2,515	1,925	(839)	3,937	1,730	34,003
Into Reservoir Storage	8,208	5,389	12,649	28,504	2,896	1,664	9,117	15,062	0	32,324	381	1,697	117,891
Reservoir Evaporation Loss	409	365	315	773	1,470	1,705	1,887	1,527	1,152	1,100	704	372	11,779
From Reservoir Storage	14,664	0	14	3,469	10,470	11,548	40,723	13,761	11,609	261	2,029	300	108,848
END OF MONTH RESERVOIR STORAGE	61,174	66,198	78,518	102,780	93,736	82,147	48,654	48,428	35,667	66,630	64,278	65,303	

Total Flow via the Beardsley Canal (At Head of Lined Section)												Year: 2006
DISCHARGE IN CUBIC FEET PER SECOND												
DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	148	130	72	69	504	698	692	470	289	194	288	58
2	141	151	49	74	601	737	689	477	228	253	261	58
3	112	135	58	92	608	742	694	480	287	181	245	73
4	115	232	36	174	651	701	741	456	290	152	237	44
5	134	235	47	192	638	684	749	380	385	131	247	53
6	135	201	43	192	556	688	748	364	454	107	263	58
7	134	174	48	191	593	698	750	472	461	90	246	62
8	133	161	47	186	621	711	732	437	439	95	261	87
9	140	147	79	182	636	736	739	367	352	82	268	42
10	145	148	30	195	633	727	735	278	419	82	261	39
11	135	148	45	190	650	711	738	223	514	72	271	49
12	133	164	51	193	647	730	734	261	521	81	268	41
13	106	140	39	190	631	744	716	289	493	96	268	43
14	0	159	83	263	638	740	696	350	487	111	271	31
15	0	154	130	169	647	739	678	376	506	121	202	36
16	0	139	65	36	614	682	613	383	413	101	208	106
17	0	141	38	193	591	659	490	367	434	62	208	88
18	0	187	34	244	633	708	588	307	429	53	213	70
19	0	201	31	311	637	715	629	245	338	56	198	116
20	31	173	29	322	624	721	564	213	263	95	192	117
21	155	159	35	400	590	713	509	271	310	90	194	140
22	142	193	27	405	616	706	511	324	303	113	181	152
23	138	214	28	451	645	724	521	282	267	138	190	213
24	145	232	31	493	637	752	573	299	236	169	182	220
25	192	217	27	517	629	718	565	360	155	203	176	197
26	157	228	20	582	615	641	561	286	174	217	190	222
27	154	268	32	614	633	727	571	240	200	224	178	252
28	153	285	42	630	637	750	555	226	197	205	184	254
29	158	-	42	596	669	761	555	322	171	195	157	242
30	136	-	55	493	692	772	559	456	120	175	117	257
31	123	-	76	-	691	-	521	437	-	241	-	179
TOTAL	3,395	5,116	1,469	8,839	19,407	21,535	19,716	10,698	10,135	4,185	6,625	3,599
MAXIMUM DAY	192	285	130	630	692	772	750	480	521	253	288	257
MINIMUM DAY	0	130	20	36	504	641	490	213	120	53	117	31
MEAN	110	183	47	295	626	718	636	345	338	135	221	116
TOTAL AC. FT.	6,734	10,147	2,914	17,532	38,493	42,714	39,106	21,219	20,102	8,301	13,140	7,139
WHOLE YEAR:-	TOTAL,	114,719	MAX.,	772	MIN.,	0	MEAN,	314	TOTAL AC.FT.,	227,541		

Year: 2006

Oilfield Discharge Diverted via Beardsley Canal (Total Flow)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	27	28	28	25	28	23	23	23
2	0	0	0	0	26	29	28	24	30	20	23	24
3	0	0	0	0	29	27	27	22	31	21	24	23
4	0	0	0	0	32	28	28	25	30	21	24	20
5	0	0	0	0	30	25	27	28	28	21	25	20
6	0	0	0	0	32	24	28	28	27	20	23	20
7	0	0	0	0	32	23	28	31	29	21	23	21
8	0	0	0	0	30	25	31	29	29	22	20	23
9	0	0	0	0	31	25	30	28	31	21	22	24
10	0	0	0	0	31	27	28	31	31	21	22	25
11	0	0	0	0	31	27	26	24	28	22	24	17
12	0	0	0	0	31	29	25	28	29	22	24	26
13	0	0	0	0	32	30	25	28	29	20	22	26
14	0	0	0	0	32	25	23	25	29	21	23	26
15	0	0	0	0	30	19	31	23	29	20	23	27
16	0	0	0	0	30	24	29	24	29	19	18	27
17	0	0	0	0	30	26	21	24	29	22	24	29
18	0	0	0	0	26	24	21	25	25	21	25	29
19	0	0	0	0	23	23	21	27	25	19	24	19
20	0	0	0	0	26	25	24	27	25	25	24	14
21	0	0	0	0	26	24	25	25	25	23	24	19
22	0	0	0	0	30	26	26	24	25	16	26	23
23	0	0	0	0	30	26	28	25	25	23	25	24
24	0	0	0	21	30	28	22	25	25	23	26	23
25	0	0	0	24	31	27	24	27	25	23	25	24
26	0	0	0	26	32	24	24	27	25	23	26	22
27	0	0	0	28	32	24	25	28	21	23	24	22
28	0	0	0	28	32	24	26	26	25	25	24	18
29	0	-	0	28	32	21	27	26	16	25	25	0
30	0	-	0	28	29	24	28	26	21	24	22	0
31	0	-	0	-	28	-	24	26	-	23	-	0
TOTAL	0	0	0	183	923	761	808	811	804	669	707	638
MAXIMUM DAY	0	0	0	28	32	30	31	31	31	25	26	29
MINIMUM DAY	0	0	0	0	23	19	21	22	16	16	18	0
MEAN	0	0	0	6	30	25	26	26	27	22	24	21
TOTAL AC. FT.	0	0	0	362	1,830	1,510	1,603	1,608	1,596	1,328	1,403	1,265
WHOLE YEAR:-	TOTAL,	6,304	MAX.,	32	MIN.,	0	MEAN,	17	TOTAL AC.FT.,	12,505		

Year: 2006

Total Diverted via
Cross Valley Canal Conduit "A"

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	116	135	0	0	0	156	167	165	160	167
2	0	0	145	135	0	0	0	156	167	112	160	167
3	0	0	165	135	0	0	0	156	167	123	167	167
4	0	0	165	45	0	0	0	156	167	138	167	167
5	0	0	165	0	0	0	0	156	167	164	167	167
6	0	0	165	44	0	0	0	156	167	156	167	167
7	0	0	165	70	0	0	0	156	167	118	167	167
8	0	0	165	70	0	0	0	156	167	167	167	167
9	0	0	165	70	0	0	0	156	167	156	167	167
10	0	0	165	70	0	0	0	156	167	146	167	167
11	0	0	165	100	0	0	0	156	167	146	167	167
12	0	0	160	112	0	0	0	156	63	151	167	167
13	0	0	160	113	0	0	0	156	0	97	146	167
14	0	50	160	113	0	0	0	156	0	167	167	167
15	0	86	160	35	0	0	0	156	0	167	107	167
16	0	103	160	0	0	0	0	155	0	167	146	153
17	0	116	160	0	0	0	84	162	0	167	112	94
18	0	116	160	0	0	0	142	154	0	167	146	146
19	0	116	160	0	0	0	146	154	0	167	167	146
20	0	116	160	0	0	0	146	154	0	167	157	146
21	0	116	109	0	0	0	151	154	0	167	167	122
22	0	73	90	0	0	0	156	154	0	167	167	94
23	0	116	90	0	0	0	156	159	0	167	167	33
24	0	116	90	0	0	0	156	167	0	156	167	0
25	0	116	106	0	0	0	156	56	90	152	167	0
26	0	116	135	0	0	0	156	0	154	152	167	0
27	0	116	135	0	0	0	156	87	112	129	167	0
28	0	99	135	0	0	0	156	167	112	167	167	0
29	0	-	135	0	0	0	156	158	112	167	167	0
30	0	-	135	0	0	0	156	162	115	167	167	0
31	0	-	135	-	0	-	156	167	-	152	-	0
TOTAL	0	1,571	4,481	1,247	0	0	2,229	4,550	2,595	4,751	4,808	3,439
MAXIMUM DAY	0	116	165	135	0	0	156	167	167	167	167	167
MINIMUM DAY	0	0	90	0	0	0	0	0	0	97	107	0
MEAN	0	56	145	42	0	0	72	147	87	153	160	111
TOTAL AC. FT.	0	3,116	8,888	2,473	0	0	4,421	9,025	5,147	9,423	9,537	6,820
WHOLE YEAR:-	TOTAL,	29,671	MAX.,	167	MIN.,	0	MEAN,	81	TOTAL AC.FT.,	58,850		

**NORTH KERN WATER STORAGE DISTRICT
BEARDSLEY CANAL OPERATIONS**

Quantities in acre-feet

Year: 2006

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River	6,734	10,147	2,914	17,532	38,493	42,714	39,106	21,219	20,102	8,301	13,140	7,139	227,541
Oilfield Discharge	0	0	0	362	1,830	1,510	1,603	1,608	1,596	1,328	1,403	1,265	12,505
C.V.C. Conduit "A"	0	3,116	8,888	2,473	0	0	4,421	9,025	5,147	9,423	9,537	6,820	58,850
+ TOTAL BEARDSLEY CANAL SUPPLY	6,734	13,263	11,802	20,367	40,323	44,224	45,130	31,852	26,845	19,052	24,080	15,224	298,896
KRC & Irr. Co. # 1 Lateral (Total Flow)	0	0	0	0	405	280	0	0	0	0	0	0	685
KRC & Irr. Co. # 4 Lateral	18	132	34	59	122	224	120	30	0	0	0	79	818
KRC & Irr. Co. # 5 Lateral	0	156	85	4	172	121	122	93	52	0	36	10	851
KRC & Irr. Co. Bidart Boosters	24	116	67	179	313	309	304	266	188	166	87	20	2,039
KRC & Irr. Co. via 1-0-20	0	0	0	0	0	0	0	0	0	0	0	0	0
KRC & Irr. Co. via 1-0-80	0	0	0	0	0	0	0	0	0	0	0	0	0
Lined Section Loss	4	56	40	50	61	60	61	61	56	50	40	24	563
- TOTAL KRC & IRR. CO. DIVERTED	46	460	226	292	1,073	994	607	450	296	216	163	133	4,956
Kern River Supply	46	460	226	292	1,073	994	607	450	296	192	0	0	4,636
Oilfield Discharge Supply	0	0	0	0	0	0	0	0	0	24	163	133	320
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	1,642	1,208	2,409	9,782	11,762	11,950	11,748	9,390	4,540	3,394	951	68,776
Cawelo WD Lerdo Turnout Deliveries	0	172	234	161	510	862	1,101	839	472	3,244	1,786	639	10,020
Via North Kern WSD	0	0	0	0	0	0	0	0	0	1,111	2,392	0	3,503
Lined Section Loss	0	46	61	60	61	60	61	61	60	61	60	58	649
Lerdo Canal Loss	0	20	16	27	107	134	139	133	103	111	67	22	879
- TOTAL CAWELO WD DIVERTED	0	1,880	1,519	2,657	10,460	12,818	13,251	12,781	10,025	9,067	7,699	1,670	83,827
Kern River Supply	0	1,880	1,519	2,295	8,630	11,308	7,227	5,593	5,668	2,118	2,847	136	49,221
Oilfield Discharge Supply	0	0	0	362	1,830	1,510	1,603	1,608	1,596	1,304	1,240	1,063	12,116
C.V.C. Conduit "A" Supply	0	0	0	0	0	0	4,421	5,580	2,761	5,645	3,612	471	22,490
Rosedale Ranch ID Diverted	0	0	0	544	0	0	0	1,361	1,345	1,022	795	474	5,541
Kern River Supply	0	0	0	544	0	0	0	1,361	1,345	1,022	795	474	5,541
Oilfield Discharge 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
KFC & Irr. Co. Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern-Tulare WD/Rag Gulch WD Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
Lined Section Loss: NKWSD	146	66	82	70	61	60	61	61	64	72	80	101	924
= NKWSD FROM LERDO CANAL	6,542	10,857	9,975	16,804	28,729	30,352	31,211	17,199	15,115	8,675	15,343	12,846	203,648
Kern River Supply	6,688	7,807	1,169	14,401	28,790	30,412	31,272	13,815	12,793	4,969	9,498	6,529	168,143
Oilfield Discharge Supply	0	0	0	0	0	0	0	0	0	0	0	0	69
C.V.C. Conduit "A" Supply	0	3,116	8,888	2,473	0	0	0	3,445	2,386	3,778	5,925	6,349	36,360

Year: 2006

Lerdo Canal at Seventh Standard Line (Total Flow)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	145	119	178	201	518	712	707	639	479	379	465	240
2	138	141	185	202	616	749	703	645	418	380	438	246
3	109	124	216	221	622	754	705	645	479	318	430	260
4	112	221	198	213	651	714	750	624	477	305	425	228
5	131	228	209	186	645	690	757	553	569	310	435	235
6	132	193	200	230	564	691	756	537	636	276	447	238
7	131	167	207	256	604	700	761	646	645	224	430	243
8	130	152	205	253	631	713	749	610	622	281	442	274
9	137	138	237	249	646	736	759	539	538	253	451	230
10	142	130	188	259	637	726	753	452	609	246	444	228
11	132	137	199	284	653	717	755	383	704	236	459	225
12	130	152	206	298	653	735	745	433	605	247	456	226
13	103	128	196	297	636	750	727	465	515	207	430	228
14	0	191	240	370	647	747	704	524	511	294	455	216
15	0	227	281	197	653	739	695	548	527	305	326	222
16	0	226	222	29	619	689	633	555	437	279	369	278
17	0	246	190	185	602	669	587	545	460	244	337	203
18	0	296	191	237	640	718	741	479	448	234	381	242
19	0	309	188	303	647	722	788	418	357	235	386	273
20	28	181	186	319	633	733	725	388	282	277	367	274
21	152	264	141	393	501	718	677	445	330	274	380	278
22	139	255	107	393	632	711	683	497	322	293	370	266
23	135	318	113	443	663	729	696	459	288	321	379	267
24	142	335	111	501	654	761	745	484	258	341	372	240
25	189	325	125	532	644	729	740	437	262	371	365	218
26	154	339	152	596	628	653	730	306	346	385	380	241
27	151	379	160	630	648	735	739	347	326	368	362	271
28	150	378	169	647	653	754	723	414	329	393	368	269
29	155	-	170	615	684	762	723	494	293	384	341	239
30	122	-	185	518	703	779	735	635	251	359	298	254
31	110	-	208	-	700	-	694	624	-	409	-	176
TOTAL	3,299	6,399	5,763	10,057	19,727	21,735	22,385	15,770	13,323	9,428	11,988	7,528
MAXIMUM DAY	189	379	281	647	703	779	788	646	704	409	465	278
MINIMUM DAY	0	119	107	29	518	653	587	306	251	207	298	176
MEAN	106	229	186	335	636	725	722	509	444	304	400	243
TOTAL AC. FT.	6,542	12,691	11,433	19,945	39,128	43,110	44,401	31,280	26,425	18,703	23,777	14,932
WHOLE YEAR:-	TOTAL,	147,402	MAX.,	788	MIN.,	0	MEAN,	404	TOTAL AC.FT.,	292,367		

**NORTH KERN WATER STORAGE DISTRICT
LERDO CANAL OPERATIONS**

Quantities in acre-feet

Year: 2006

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Total Beardsley Canal Supply	6,734	13,263	11,802	20,367	40,323	44,224	45,130	31,852	26,845	19,052	24,080	15,224	298,896
+ KRC & Irr. Co. Laterals	18	288	119	63	699	625	242	123	52	0	36	89	2,354
+ KRC & Irr. Co. Boosters	24	116	67	179	313	309	304	266	188	166	87	20	2,039
+ Lined Section Loss: KRC & Irr. Co.	4	56	40	50	61	60	61	61	56	50	40	24	563
= KRC & Irr. Co. from Beardsley	46	460	226	292	1,073	994	607	450	296	216	163	133	4,956
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	46	61	60	61	60	61	61	60	61	60	58	649
Lined Section Loss: NKWSD	146	66	82	70	61	60	61	61	64	72	80	101	924
Lerdo Canal Total Flow	6,542	12,691	11,433	19,945	39,128	43,110	44,401	31,280	26,425	18,703	23,777	14,932	292,367
KRC & Irr. Co. via 8-1-0	0	0	0	0	0	0	0	0	0	0	0	0	0
City via 8-1-0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale Ranch ID via Lerdo	0	0	0	544	0	0	0	1,361	1,345	1,022	795	474	5,541
K-TWD/RGWD via 8-17-0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cawelo WD Via NKWSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Cawelo WD Delivered at Sta. "B"	0	1,642	1,208	2,409	9,782	11,762	11,950	11,748	9,390	4,540	3,394	951	68,776
Cawelo WD Lerdo Turnouts	0	172	234	161	510	862	1,101	839	472	3,244	1,786	639	10,020
Lerdo Loss: to Station "B"	0	17	12	24	97	118	120	117	94	45	34	10	688
Lerdo Loss: Lerdo Turnout Deliveries	0	3	4	3	10	16	19	16	9	66	33	12	191
= Cawelo WD Total from Lerdo	0	1,834	1,458	2,597	10,399	12,758	13,190	12,720	9,965	9,006	7,639	1,612	79,975
North Kern WSD from Lerdo	6,542	10,857	9,975	16,804	28,729	30,352	31,211	17,199	15,115	8,675	15,343	12,846	203,648

Year: 2006

Total Flow via the Calloway Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	367	30	23	27	194	587	439	277	0	36	0	0
2	315	30	28	29	230	585	444	255	0	32	0	0
3	322	24	24	25	203	585	498	197	0	42	0	0
4	343	22	25	26	204	566	508	190	0	34	0	0
5	346	20	33	26	215	579	513	150	0	32	0	0
6	296	24	32	39	233	594	523	147	0	32	0	0
7	260	26	13	24	251	603	437	146	0	38	0	0
8	249	24	19	22	266	568	373	150	0	38	0	0
9	251	20	19	24	255	544	389	149	0	40	0	0
10	280	23	20	28	203	521	461	69	0	46	0	0
11	266	31	19	18	209	590	544	56	0	39	0	0
12	269	24	21	22	225	617	421	57	0	40	0	0
13	259	24	26	24	259	640	369	51	49	40	0	0
14	292	27	16	28	371	612	329	56	56	41	0	0
15	306	24	23	25	644	588	326	55	50	33	0	0
16	301	20	21	26	650	542	447	51	44	38	0	0
17	313	26	23	29	665	555	467	50	45	32	0	0
18	303	23	20	33	576	649	367	21	46	30	0	0
19	304	23	19	19	495	621	311	0	48	41	0	0
20	303	19	20	28	478	561	367	0	46	39	0	0
21	166	31	26	32	548	566	414	0	43	37	0	0
22	23	28	29	52	572	541	443	0	48	41	0	0
23	24	26	26	50	643	526	500	0	49	16	0	0
24	24	22	29	47	651	543	497	0	52	0	0	0
25	26	30	23	49	559	519	505	0	53	0	0	0
26	28	25	21	44	471	274	548	0	48	0	0	0
27	28	21	27	41	492	288	539	0	50	0	0	0
28	21	23	19	57	544	375	425	0	46	0	0	0
29	25	-	23	83	535	537	293	0	45	0	0	0
30	26	-	21	197	487	520	395	0	45	0	0	0
31	28	-	21	-	535	-	379	0	-	0	-	0
TOTAL	6,364	690	709	1,174	12,863	16,396	13,471	2,127	863	837	0	0
MAXIMUM DAY	367	31	33	197	665	649	548	277	56	46	0	0
MINIMUM DAY	21	19	13	18	194	274	293	0	0	0	0	0
MEAN	205	25	23	39	415	547	435	69	29	27	0	0
TOTAL AC. FT.	12,623	1,369	1,407	2,329	25,513	32,521	26,719	4,219	1,712	1,660	0	0
WHOLE YEAR:-	TOTAL,	55,494	MAX.,	665	MIN.,	0	MEAN,	152	TOTAL AC.FT.,	110,072		

**NORTH KERN WATER STORAGE DISTRICT
CALLOWAY CANAL OPERATIONS**

Quantities in acre-feet

Year: 2006

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
FLOW AT HEADWORKS	+ 12,623	1,369	1,407	2,329	25,513	32,521	26,719	4,219	1,712	1,660	0	0	110,072
KCWA Armco Turnout	- 1,012	1,244	1,266	1,452	2,789	3,061	3,106	1,680	1,627	1,571	0	0	18,808
Seepage Loss	- 157	111	123	127	149	168	184	103	79	89	0	0	1,290
FLOW AT MEASURING STATION	= 11,454	14	18	750	22,575	29,292	23,429	2,436	6	0	0	0	89,974
CVC Turnout to Calloway	+ 780	0	581	1,033	0	0	3,031	3,374	363	0	0	0	9,162
Seepage Loss	- 121	14	40	127	188	141	123	123	42	0	0	0	919
FLOW AT BUCK OWENS WEIR	= 12,113	0	559	1,656	22,387	29,151	26,337	5,687	327	0	0	0	98,217
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	- 2,152	0	559	1,656	3,979	3,675	3,423	2,747	327	0	0	0	18,518
FLOW AT OLIVE DRIVE WEIR	= 9,961	0	0	0	18,408	25,476	22,914	2,940	0	0	0	0	79,699
KRC & Irr. Co. Calloway Delivery	- 0	0	0	0	0	0	89	60	0	0	0	0	149
Rosedale Ranch ID at Headworks	- 135	0	0	395	1,311	1,654	1,258	1,051	863	603	700	401	8,391
Seepage Loss	- 226	0	0	121	438	298	286	169	111	77	81	58	1,865
NKWSD 8-1-0 Inflow	+ 0	0	0	516	0	0	0	262	994	680	781	459	3,692
FLOW AT SEVENTH STANDARD LINE	= 9,600	0	0	0	16,659	23,524	21,281	1,922	0	0	0	0	72,986
for Rosedale Ranch ID	- 0	0	0	0	744	994	1,101	595	0	0	0	0	3,434
for North Kern WSD	= 9,600	0	0	0	15,915	22,530	20,180	1,327	0	0	0	0	69,552

KERN COUNTY WATER AGENCY / ID4:

Operating Loss	+ 78	153	171	167	197	220	238	133	107	105	0	0	1,569
Turnout #4 to River	+ 0	0	0	0	0	0	0	0	0	0	0	0	0
ID4 Treatment Plant	+ 974	1,202	1,218	1,412	2,741	3,009	3,052	1,650	1,599	1,555	0	0	18,412
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	+ 246	14	599	1,587	355	0	2,426	2,870	969	0	0	0	8,466
TOTAL DIVERTED	= 1,298	1,369	1,988	3,166	3,293	3,229	5,716	4,653	2,075	1,660	0	0	28,447

KERN RIVER CANAL & IRRIGATING CO.:

Calloway Irrigation Deliveries	+ 0	0	0	0	0	0	59	40	0	0	0	0	99
Delivery Loss/ Spreading	+ 0	0	0	0	0	0	30	20	0	0	0	0	50
TOTAL DIVERTED	= 0	0	0	0	0	0	89	60	0	0	0	0	149

ROSEDALE RANCH ID:

Flow at Headworks	+ 135	0	0	395	1,311	1,654	1,258	1,051	883	603	700	401	8,391
Flow at Seventh Standard Line	+ 0	0	0	0	744	994	1,101	595	0	0	0	0	3,434
Assigned Loss	+ 0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIVERTED	= 135	0	0	395	2,055	2,648	2,359	1,646	883	603	700	401	11,825

NORTH KERN WATER STORAGE DISTRICT:

Flow at Seventh Standard Line	+ 9,600	0	0	0	15,915	22,530	20,180	1,327	0	0	0	0	69,552
Total Loss	+ 2,970	0	0	317	4,250	4,114	1,406	169	111	77	81	58	12,953
TOTAL DIVERTED	= 11,970	0	0	317	20,165	26,644	21,586	1,496	111	77	81	58	82,505

North Kern Water Storage District Class 1 Irrigation Deliveries												Year: 2006		
DISCHARGE IN CUBIC FEET PER SECOND														
DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1	0	13	66	20	166	226	178	263	182	69	146	3		
2	0	16	85	17	196	223	132	293	220	124	148	14		
3	0	14	70	69	266	194	276	262	54	121	147	7		
4	0	22	86	38	213	147	343	296	225	77	106	11		
5	0	34	50	33	213	227	301	324	198	87	45	22		
6	0	49	64	10	162	265	227	209	169	53	124	34		
7	0	40	90	27	73	270	225	228	177	69	96	34		
8	0	47	41	36	213	263	248	201	153	32	69	16		
9	0	53	70	21	192	213	102	193	214	52	49	18		
10	0	35	64	48	246	186	236	158	121	87	28	9		
11	0	33	210	49	198	63	270	191	185	101	38	20		
12	0	30	226	56	209	236	284	182	131	54	9	36		
13	1	76	36	44	141	265	255	102	135	65	88	43		
14	2	86	63	23	75	276	285	241	193	16	50	18		
15	2	83	42	6	229	196	308	165	104	9	61	28		
16	0	124	80	3	197	223	166	198	92	43	83	17		
17	0	93	53	55	343	253	287	175	45	49	85	0		
18	1	93	40	61	167	162	258	208	84	61	66	11		
19	0	210	38	65	152	247	238	173	79	54	15	9		
20	1	103	48	85	162	192	270	109	97	72	33	4		
21	2	180	62	80	67	199	289	205	168	71	51	6		
22	2	85	60	35	240	282	239	161	148	27	16	11		
23	2	87	93	24	247	335	183	159	113	70	3	10		
24	2	60	86	158	295	307	252	90	31	72	10	10		
25	2	68	56	180	183	155	318	149	121	62	10	2		
26	2	36	18	160	153	235	278	205	111	69	7	17		
27	2	44	48	174	172	305	302	94	165	97	14	12		
28	2	67	42	207	88	254	250	170	84	64	26	17		
29	0	-	20	86	199	266	275	155	122	13	32	5		
30	11	-	40	40	213	212	174	196	142	79	33	5		
31	11	-	40	-	259	-	308	195	-	75	-	0		
TOTAL	45	1,881	2,087	1,910	5,929	6,877	7,757	5,950	4,063	1,994	1,688	449		
MAXIMUM DAY	11	210	226	207	343	335	343	324	225	124	148	43		
MINIMUM DAY	0	13	18	3	67	63	102	90	31	9	3	0		
MEAN	1	67	67	64	191	229	250	192	135	64	56	14		
TOTAL AC. FT.	89	3,731	4,139	3,788	11,760	13,640	15,385	11,802	8,058	3,955	3,349	891		
WHOLE YEAR:-	TOTAL,	40,630	MAX.,	343	MIN.,	0	MEAN,	111	TOTAL AC.FT.,	80,587				

North Kern Water Storage District
Class 2 Irrigation Deliveries

Year: 2006

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	14	86	8	91	153	156	216	101	9	103	2
2	0	17	86	8	133	135	122	151	144	86	82	5
3	0	19	76	24	95	133	209	223	16	96	94	0
4	0	40	31	33	178	86	110	230	152	73	45	0
5	0	18	31	25	144	149	217	167	125	68	0	23
6	0	48	42	8	150	171	217	106	158	99	99	34
7	0	33	53	7	90	194	172	160	156	98	89	15
8	0	54	51	1	162	129	141	157	149	20	80	22
9	0	39	40	1	167	151	64	173	140	69	68	9
10	0	42	44	15	185	148	203	166	55	74	72	0
11	0	31	118	21	168	81	176	160	143	92	26	4
12	0	15	120	7	185	178	220	172	140	47	18	3
13	4	21	48	16	126	225	221	84	163	64	21	4
14	4	25	34	17	98	193	228	162	166	13	40	4
15	0	45	44	4	233	207	235	206	192	5	50	4
16	2	59	38	0	167	228	134	174	143	25	64	4
17	2	42	34	25	192	150	175	149	44	26	33	6
18	0	48	14	47	153	115	156	136	117	48	17	5
19	0	118	4	45	179	187	156	136	117	61	7	10
20	0	56	13	58	113	148	185	57	78	56	13	10
21	0	97	20	45	81	179	176	95	68	42	19	18
22	0	71	24	32	223	235	225	124	79	6	26	12
23	5	77	40	18	171	241	130	134	68	23	0	17
24	16	80	27	85	174	204	253	175	29	19	8	14
25	16	77	15	94	147	114	233	142	145	25	2	1
26	20	44	0	103	102	210	252	104	122	40	2	13
27	20	76	55	128	125	212	217	45	145	46	16	7
28	18	70	50	112	46	254	200	73	73	41	25	8
29	20	-	30	63	165	171	127	125	103	10	24	8
30	16	-	33	25	128	162	91	136	61	55	21	2
31	13	-	25	-	151	-	215	111	-	55	-	0
TOTAL	156	1,376	1,326	1,075	4,522	5,143	5,616	4,449	3,392	1,491	1,164	264
MAXIMUM DAY	20	118	120	128	233	254	253	230	192	99	103	34
MINIMUM DAY	0	14	0	0	46	81	64	45	16	5	0	0
MEAN	5	49	43	36	146	171	181	144	113	48	39	9
TOTAL AC. FT.	309	2,729	2,630	2,132	8,969	10,201	11,139	8,824	6,729	2,957	2,309	524
WHOLE YEAR:-	TOTAL,	29,974	MAX.,	254	MIN.,	0	MEAN,	82	TOTAL AC.FT.,	59,452		

Year: 2006

Total Diverted to Rosedale Ranch Improvement District

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	23	37	42	31	26	25	28	18
2	0	0	0	0	25	40	40	41	23	20	21	11
3	0	0	0	0	18	37	40	49	20	16	28	6
4	5	0	0	0	33	23	46	34	25	14	23	14
5	11	0	0	0	35	47	46	28	15	13	22	13
6	11	0	0	3	24	46	48	29	26	24	27	15
7	11	0	0	9	23	45	47	34	25	13	28	17
8	11	0	0	9	34	45	28	38	24	17	11	16
9	11	0	0	8	33	47	26	49	25	14	4	8
10	5	0	0	9	32	40	42	51	21	15	3	2
11	1	0	0	10	32	38	48	51	17	15	3	9
12	1	0	0	11	42	41	42	46	17	11	4	9
13	1	0	0	11	45	53	35	33	20	11	12	7
14	0	0	0	9	18	57	31	34	18	2	18	5
15	0	0	0	9	38	55	29	40	17	2	24	9
16	0	0	0	9	45	49	32	42	17	14	19	12
17	0	0	0	8	42	49	34	41	20	16	10	12
18	0	0	0	7	34	47	37	25	26	16	8	8
19	0	0	0	7	35	47	43	29	27	16	3	6
20	0	0	0	7	35	47	48	24	33	17	5	7
21	0	0	0	7	17	48	44	26	33	11	7	4
22	0	0	0	7	46	47	34	27	27	11	7	5
23	0	0	0	7	43	44	33	24	15	17	12	2
24	0	0	0	22	38	36	38	23	10	18	11	2
25	0	0	0	22	41	36	22	25	18	22	7	2
26	0	0	0	7	39	41	45	25	20	25	4	4
27	0	0	0	22	32	44	46	25	23	30	11	5
28	0	0	0	23	11	48	40	25	27	21	14	7
29	0	-	0	23	36	52	37	24	32	13	15	3
30	0	-	0	8	42	49	34	21	31	25	12	1
31	0	-	0	-	45	-	32	25	-	31	-	0
TOTAL	68	0	0	274	1,036	1,335	1,189	1,019	678	515	401	239
MAXIMUM DAY	11	0	0	23	46	57	48	51	33	31	28	18
MINIMUM DAY	0	0	0	0	11	23	22	21	10	2	3	0
MEAN	2	0	0	9	33	45	38	33	23	17	13	8
TOTAL AC. FT.	135	0	0	544	2,055	2,648	2,359	2,021	1,345	1,022	795	474
WHOLE YEAR:-	TOTAL,	6,754	MAX.,	57	MIN.,	0	MEAN,	19	TOTAL AC.FT.,	13,398		

ROSEDALE RANCH IMPROVEMENT DISTRICT

Quantities in acre-feet

Year: 2006

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
TOTAL DIVERTED	+	135	0	544	2,055	2,648	2,359	2,021	1,345	1,022	795	474	13,398
RRID at Headgate	-	135	0	395	1,311	1,654	1,258	1,051	883	603	700	401	8,391
RRID via NKWSD 5-7 Lateral	-	0	0	149	744	994	1,101	970	462	419	95	73	5,007
RRID via NKWSD 5-21 Lateral	-	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
IRRIGATION DELIVERIES	+	0	0	149	1,053	1,666	1,696	1,494	976	705	381	255	8,375
City of Bakersfield Miscellaneous	-	0	0	119	0	287	1,696	1,494	0	0	0	0	3,596
City of Bakersfield Non-Kern River	-	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD Kern River Exchange	-	0	0	0	0	0	0	0	976	705	381	255	2,317
NKWSD Non-Kern River	-	0	0	0	0	0	0	0	0	0	0	0	0
Mandatory Release	=	0	0	30	1,053	1,379	0	0	0	0	0	0	2,462
LOSS & SPREADING	+	135	0	395	1,002	982	663	527	369	317	414	219	5,023
City of Bakersfield Miscellaneous	-	135	0	173	0	177	663	527	0	0	0	0	1,675
City of Bakersfield Non-Kern River	-	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD Kern River Exchange	-	0	0	191	0	0	0	0	369	317	414	219	1,510
NKWSD Non-Kern River	-	0	0	0	0	0	0	0	0	0	0	0	0
Mandatory Release	=	0	0	31	1,002	805	0	0	0	0	0	0	1,838
RECHARGE PURCHASE PROGRAM	+	0	0	0	0	0	0	0	0	0	0	104	104
City of Bakersfield Miscellaneous	-	0	0	0	0	0	0	0	0	0	0	104	104
City of Bakersfield Non-Kern River	=	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	104	104
NKWSD to RRID	-	0	0	191	0	0	0	0	1,345	1,022	795	474	3,827
Exchange Balance	=	(2,515)	(2,515)	(2,706)	(2,706)	(2,706)	(2,706)	(2,706)	(4,051)	(5,073)	(5,868)	(6,238)	

DISCHARGE IN CUBIC FEET PER SECOND												Poso Creek as Measured at Highway "99" (Total Flow)												Year: 2006											
DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC																							
1	0	0	0	43	0	0	0	0	0	0	0	0																							
2	0	0	0	49	0	0	0	0	0	0	0	0																							
3	0	0	0	56	0	0	0	0	0	0	0	0																							
4	0	0	0	70	0	0	0	0	0	0	0	0																							
5	0	0	0	88	0	0	0	0	0	0	0	0																							
6	0	0	0	144	0	0	0	0	0	0	0	0																							
7	0	0	0	194	0	0	0	0	0	0	0	0																							
8	0	0	0	154	0	0	0	0	0	0	0	0																							
9	0	0	0	130	0	0	0	0	0	0	0	0																							
10	0	0	0	107	0	0	0	0	0	0	0	0																							
11	0	0	0	85	0	0	0	0	0	0	0	0																							
12	0	0	0	78	0	0	0	0	0	0	0	0																							
13	0	0	0	88	0	0	0	0	0	0	0	0																							
14	0	0	0	50	0	0	0	0	0	0	0	0																							
15	0	0	0	2	0	0	0	0	0	0	0	0																							
16	0	0	0	84	0	0	0	0	0	0	0	0																							
17	0	0	0	119	0	0	0	0	0	0	0	0																							
18	0	0	0	87	0	0	0	0	0	0	0	0																							
19	0	0	0	71	0	0	0	0	0	0	0	0																							
20	0	0	0	53	0	0	0	0	0	0	0	0																							
21	0	0	0	45	0	0	0	0	0	0	0	0																							
22	0	0	0	38	0	0	0	0	0	0	0	0																							
23	0	0	0	39	0	0	0	0	0	0	0	0																							
24	0	0	0	41	0	0	0	0	0	0	0	0																							
25	0	0	0	54	0	0	0	0	0	0	0	0																							
26	0	0	0	38	0	0	0	0	0	0	0	0																							
27	0	0	0	31	0	0	0	0	0	0	0	0																							
28	0	0	0	16	0	0	0	0	0	0	0	0																							
29	0	-	0	16	0	0	0	0	0	0	0	0																							
30	0	-	73	16	0	0	0	0	0	0	0	0																							
31	0	-	70	-	0	-	0	0	-	0	-	0																							
TOTAL	0	0	143	2,086	0	0	0	0	0	0	0	0																							
MAXIMUM DAY	0	0	73	194	0	0	0	0	0	0	0	0																							
MINIMUM DAY	0	0	0	2	0	0	0	0	0	0	0	0																							
MEAN	0	0	5	70	0	0	0	0	0	0	0	0																							
TOTAL AC. FT.	0	0	284	4,138	0	0	0	0	0	0	0	0																							
WHOLE YEAR:-	TOTAL,	2,229	MAX.,	194	MIN.,	0	MEAN,	6	TOTAL AC.FT.,	4,422																									

Year: 2006
 Friant-Kern Inflow to North Kern WSD Via 8-1-0 Turnout

DISCHARGE IN CUBIC FEET PER SECOND	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	172	163	0	0	0	0	194	0	149
2	0	0	0	151	143	0	0	0	0	194	0	148
3	0	0	0	200	172	0	0	0	0	194	0	137
4	0	0	0	179	108	0	0	0	0	194	0	196
5	0	0	0	178	166	0	0	0	0	210	0	171
6	0	0	0	199	167	0	0	0	0	196	0	169
7	0	0	0	129	181	0	0	0	0	186	0	171
8	0	0	0	146	118	0	0	0	0	184	0	92
9	0	0	0	156	162	0	0	0	0	236	0	115
10	0	0	0	182	143	0	0	0	0	184	0	93
11	0	0	0	193	155	0	0	174	0	184	147	120
12	0	0	0	177	149	0	0	165	0	149	141	109
13	0	0	0	172	128	0	0	122	0	183	166	111
14	0	0	0	169	0	0	0	128	0	195	174	165
15	0	0	0	174	0	0	0	152	0	190	213	162
16	0	0	0	167	0	0	0	163	0	169	148	142
17	0	0	0	150	0	0	0	138	0	154	149	134
18	0	0	0	86	0	0	0	106	0	165	164	162
19	0	0	0	101	0	0	0	70	0	154	164	161
20	0	0	0	146	0	0	0	75	177	192	169	146
21	0	0	0	127	0	0	0	84	184	191	169	202
22	0	0	0	181	0	0	0	94	170	188	164	164
23	0	0	165	129	0	0	0	95	187	221	164	119
24	0	0	151	172	0	0	0	78	184	191	158	121
25	0	0	139	144	0	0	0	95	203	168	174	122
26	0	0	164	122	0	144	0	73	176	193	170	126
27	0	0	125	159	0	0	0	33	203	186	155	85
28	0	0	145	153	0	0	0	102	200	189	167	86
29	0	-	141	139	0	0	0	73	155	195	160	163
30	0	-	144	141	0	0	0	0	196	151	174	184
31	0	-	123	-	0	-	0	0	-	0	-	118
TOTAL	0	0	1,297	4,694	1,955	144	0	2,020	2,035	5,580	3,290	4,343
MAXIMUM DAY	0	0	165	200	181	144	0	174	203	236	213	202
MINIMUM DAY	0	0	0	86	0	0	0	0	0	0	0	85
MEAN	0	0	42	156	63	5	0	65	68	180	110	140
TOTAL AC. FT.	0	0	2,573	9,310	3,877	286	0	4,006	4,037	11,068	6,526	8,615
WHOLE YEAR:-	TOTAL,	25,358	MAX.,	236	MIN.,	0	MEAN,	69	TOTAL AC.FT.,	50,298		

Year: 2006

Friant-Kern Inflow to Poso Creek Channel

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	51	0	0	0	0	51	0	0
2	0	0	0	0	54	0	0	0	0	52	0	0
3	0	0	0	0	52	0	0	0	0	49	0	0
4	0	0	0	0	109	0	0	0	0	51	0	0
5	0	0	0	0	158	0	0	0	0	49	0	0
6	0	0	0	0	194	0	0	0	0	49	0	0
7	0	0	0	0	221	0	0	0	0	49	0	0
8	0	0	0	0	223	0	0	0	0	51	0	60
9	0	0	0	0	217	0	0	0	0	49	0	109
10	0	0	0	0	229	0	0	0	0	49	28	110
11	0	0	0	0	238	0	0	0	0	49	54	109
12	0	0	0	0	210	0	0	0	0	49	53	109
13	0	0	0	0	191	0	0	0	0	49	53	109
14	0	0	0	0	192	0	0	0	0	47	21	109
15	0	0	0	0	81	0	0	0	0	47	0	109
16	0	0	0	0	0	0	0	0	0	47	0	97
17	0	0	0	0	0	0	0	0	0	47	0	75
18	0	0	0	0	0	0	0	0	0	47	0	64
19	0	0	0	0	0	0	0	0	0	47	0	65
20	0	0	0	0	0	0	0	0	25	47	0	67
21	0	0	0	0	0	0	0	0	51	64	0	67
22	0	0	0	0	0	0	0	0	51	72	0	52
23	0	0	29	0	0	0	0	0	49	72	0	19
24	0	0	52	0	0	0	0	0	49	73	0	0
25	0	0	51	0	0	0	0	0	51	75	0	0
26	0	0	51	0	0	0	0	0	51	73	0	0
27	0	0	51	0	0	0	0	0	52	75	0	0
28	0	0	51	34	0	0	0	0	51	73	0	0
29	0	-	51	51	0	0	0	0	51	75	0	0
30	0	-	51	51	0	0	0	0	51	25	0	0
31	0	-	21	-	0	-	0	0	-	0	-	0
TOTAL	0	0	408	136	2,420	0	0	0	532	1,652	209	1,330
MAXIMUM DAY	0	0	52	51	238	0	0	0	52	75	54	110
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	13	5	78	0	0	0	18	53	7	43
TOTAL AC. FT.	0	0	809	269	4,800	0	0	0	1,056	3,277	414	2,638
WHOLE YEAR:-	TOTAL,	6,687	MAX.,	238	MIN.,	0	MEAN,	18	TOTAL AC.FT.,	13,263		

**NORTH KERN WATER STORAGE DISTRICT
STATUS OF EXCHANGE**

Quantities in acre-feet

Year: 2006

	NICKEL LLC		CAWLEO WD		IMPROVEMENT DISTRICT NO.4		KERN-TULARE WD		RAG GULCH WD		ROSEDALE RANCH ID		SUN WORLD		PARAMOUNT FARMING CO.		SEMITROPIC WSD		SHAFTER-WASCO ID		WEST KERN WD		DELANO- EARLIMART ID		
	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
Prior Year Status	0	0	4,838	0	0	10,421	0	21,000	0	9,000	2,515	0	0	3,989	0	36,244	0	8,713	0	27,188	0	0	0	0	0
January	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February	0	0	11	0	0	3,124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	0	0	9	0	0	8,913	0	0	0	0	0	0	0	0	0	0	108	0	0	0	0	0	0	0	0
April	0	0	1,961	0	0	2,480	0	0	0	0	191	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	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	0	0	0	0	0	0	0	0	0
July	0	0	0	605	0	0	0	0	0	0	0	0	0	0	0	0	0	171	0	34	0	0	0	0	0
August	0	0	3,445	339	879	0	0	0	0	0	0	0	0	0	4,006	0	115	0	0	0	0	0	0	0	0
September	0	1,366	0	1,950	0	0	0	0	0	0	1,345	0	0	0	0	0	0	0	0	0	0	4,190	0	0	0
October	0	2,905	0	1,111	0	29,500	0	0	0	0	1,022	0	0	0	0	0	167	0	0	0	0	15,254	0	0	0
November	0	4,122	0	2,392	0	0	0	0	0	0	795	0	0	0	0	0	36	0	0	0	0	1,830	0	6,940	0
December	0	0	136	0	103	6,123	0	0	0	0	474	104	0	0	0	0	0	0	0	0	0	226	0	10,370	0
Total	0	8,393	2,129	9,503	442	51,019	0	0	0	0	3,827	104	0	0	4,006	597	0	34	0	21,500	0	17,310	0	17,310	0

Current Status																									
0	8,393	0	2,536	0	60,998	0	21,000	0	9,000	6,238	0	0	3,989	0	40,250	0	8,116	0	27,154	0	21,500	0	17,310	0	17,310

NORTH KERN WATER STORAGE DISTRICT

IMPROVEMENT DISTRICT NO. 4 WATER EXCHANGE SUMMARY

Provisional Status as of 12-31-2006

Quantities in acre-feet

Pursuant to North Kern WSD/Improvement District #4 Accounting Agreement Dated March 1, 1995								
CATEGORY "A"				CATEGORY "B"				Overall Exchange Balance
Date	NKWSD to ID4	ID4 to NKWSD	Cumulative Exchange Balance	Date	NKWSD to ID4 (1)	ID4 to NKWSD	Cumulative 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	14,517	(24,835)	2006	339	879	(540)	(25,375)
Totals	95,224	120,059		Totals	44,654	45,194		

Category "B" Note:

NKWSD to ID4: (1) Includes Isabella Reservoir evaporation loss attributable to ID4 exchange water when applicable.

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 time remaining and amount owed. Each exchanger 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 exchanger declines payback the amounts owed will be extinguished on December 31st of the last year.

North Kern Water Storage District Diverted to Improvement District No. 4
(Does not include deliveries into Isabella Reservoir storage)
Year: 2006

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	14	0	0	0	0
2	0	0	0	0	0	0	0	15	0	0	0	0
3	0	0	0	0	0	0	0	19	0	0	0	0
4	0	0	0	0	0	0	0	21	0	0	0	0
5	0	0	0	0	0	0	0	16	0	0	0	0
6	0	0	0	0	0	0	0	18	0	0	0	0
7	0	0	0	0	0	0	0	19	0	0	0	0
8	0	0	0	0	0	0	0	19	0	0	0	0
9	0	0	0	0	0	0	0	16	0	0	0	0
10	0	0	0	0	0	0	0	14	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	2
30	0	-	0	0	0	0	0	0	0	0	0	13
31	0	-	0	-	0	-	0	0	-	0	-	37
TOTAL	0	0	0	0	0	0	0	171	0	0	0	52
MAXIMUM DAY	0	0	0	0	0	0	0	21	0	0	0	37
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	6	0	0	0	2
TOTAL AC. FT.	0	0	0	0	0	0	0	339	0	0	0	103
WHOLE YEAR:-	TOTAL,	223	MAX.,	37	MIN.,	0	MEAN,	1	TOTAL AC.FT.,	442		

Improvement District No. 4 Diverted to North Kern Water Storage District (Does not include deliveries into Isabella Reservoir storage)												Year: 2006
DISCHARGE IN CUBIC FEET PER SECOND												
DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	116	135	0	0	0	0	0	0	0	19
2	0	0	145	135	0	0	0	0	0	0	0	141
3	0	0	165	135	0	0	0	0	0	0	0	139
4	0	0	165	45	0	0	0	0	0	0	0	137
5	0	0	165	0	0	0	0	0	0	0	0	133
6	0	0	165	44	0	0	0	0	0	0	0	132
7	0	0	165	70	0	0	0	0	0	0	0	133
8	0	0	165	70	0	0	0	0	0	0	0	150
9	0	0	165	70	0	0	0	0	0	0	0	167
10	0	0	165	70	0	0	0	0	0	0	0	167
11	0	0	165	100	0	0	0	0	0	0	0	167
12	0	0	160	112	0	0	0	0	0	0	0	167
13	0	0	160	113	0	0	0	23	0	0	0	167
14	0	50	160	113	0	0	0	28	0	0	0	167
15	0	86	160	35	0	0	0	32	0	0	0	167
16	0	103	160	0	0	0	0	31	0	0	0	153
17	0	116	160	0	0	0	0	28	0	0	0	94
18	0	116	160	0	0	0	0	32	0	0	0	146
19	0	116	160	0	0	0	0	34	0	0	0	146
20	0	116	160	0	0	0	0	35	0	0	0	146
21	0	116	109	0	0	0	0	33	0	0	0	122
22	0	73	90	0	0	0	0	35	0	0	0	94
23	0	116	90	0	0	0	0	30	0	0	0	33
24	0	116	90	0	0	0	0	18	0	0	0	0
25	0	116	106	0	0	0	0	9	0	0	0	0
26	0	116	135	0	0	0	0	0	0	0	0	0
27	0	116	135	0	0	0	0	27	0	0	0	0
28	0	99	135	0	0	0	0	16	0	0	0	0
29	0	-	135	0	0	0	0	6	0	0	0	0
30	0	-	135	0	0	0	0	12	0	0	0	0
31	0	-	135	-	0	-	0	14	-	0	-	0
TOTAL	0	1,571	4,481	1,247	0	0	0	443	0	0	0	3,087
MAXIMUM DAY	0	116	165	135	0	0	0	35	0	0	0	167
MINIMUM DAY	0	0	90	0	0	0	0	0	0	0	0	0
MEAN	0	56	145	42	0	0	0	14	0	0	0	100
NET AC. FT.	0	3,116	8,888	2,473	0	0	0	879	0	0	0	6,123
AC. FT. LOSS	0	8	25	7	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	3,124	8,913	2,480	0	0	0	879	0	0	0	6,123
WHOLE YEAR:-	TOTAL,	10,829	MAX.,	167	MIN.,	0	MEAN,	30	TOTAL AC.FT.,	21,519		

Year: 2006

North Kern WSD Diverted to Cawelo Water District
(Does not include Isabella Reservoir evaporation loss)

DISCHARGE IN CUBIC FEET PER SECOND

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	9
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	4
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	7
20	0	0	0	0	0	0	0	0	0	0	0	11
21	0	0	0	0	0	0	0	0	0	0	0	7
22	0	0	0	0	0	0	0	0	0	0	0	3
23	0	0	0	0	0	0	0	0	0	0	0	2
24	0	0	0	0	0	0	0	0	0	0	0	3
25	0	0	0	0	0	0	0	0	0	0	0	2
26	0	0	0	0	0	0	0	0	0	0	0	2
27	0	0	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	5
29	0	0	0	0	0	0	0	0	0	0	0	12
30	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	68
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	12
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	2
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	0	136
WHOLE YEAR:-	TOTAL,	68	MAX.,	12	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	136		

Cawelo Water District Diverted to North Kern Water Storage District
(Does not include deliveries into Isabella Reservoir storage)

Year: 2006

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	100	83	0	70	0
2	0	0	0	0	0	0	0	100	83	0	35	0
3	0	0	0	0	0	0	0	100	83	0	35	0
4	0	0	0	0	0	0	0	100	83	0	35	0
5	0	0	0	0	0	0	0	100	83	0	35	0
6	0	0	0	0	0	0	0	100	83	0	35	0
7	0	0	0	0	0	0	0	100	83	0	35	0
8	0	0	0	0	0	0	0	100	83	0	35	0
9	0	0	0	0	0	0	0	100	83	0	35	0
10	0	0	0	0	0	0	0	100	83	0	35	0
11	0	0	0	0	0	0	15	100	83	0	35	0
12	0	0	0	0	0	0	24	100	31	0	35	0
13	0	0	0	0	0	0	25	100	0	0	35	0
14	0	0	0	0	0	0	24	100	0	0	35	0
15	0	0	0	0	0	0	22	100	0	0	22	0
16	0	0	0	0	0	0	14	0	0	0	35	0
17	0	0	0	0	0	0	19	0	0	0	35	0
18	0	0	0	0	0	0	15	0	0	0	35	0
19	0	0	0	0	0	0	18	0	0	0	35	0
20	0	0	0	0	0	0	16	0	0	0	35	0
21	0	0	0	0	0	0	18	0	0	0	65	0
22	0	0	0	0	0	0	21	0	0	0	25	0
23	0	0	0	0	0	0	13	13	0	0	25	0
24	0	0	0	0	0	0	20	13	0	70	25	0
25	0	0	0	0	0	0	18	0	39	70	55	0
26	0	0	0	0	0	0	9	0	0	70	55	0
27	0	0	0	0	0	0	6	0	0	70	55	0
28	0	0	0	0	0	0	5	0	0	70	55	0
29	0	0	0	0	0	0	3	0	0	70	49	0
30	0	0	0	0	0	0	0	44	0	70	45	0
31	0	0	0	0	0	0	0	167	0	70	0	0
TOTAL	0	0	0	0	0	0	305	1,737	983	560	1,206	0
MAXIMUM DAY	0	0	0	0	0	0	25	167	83	70	70	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	22	0
MEAN	0	0	0	0	0	0	10	56	33	18	40	0
NET AC. FT.	0	0	0	0	0	0	605	3,445	1,950	1,111	2,392	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	605	3,445	1,950	1,111	2,392	0
WHOLE YEAR:-	TOTAL,	4,791	MAX.,	167	MIN.,	0	MEAN,	13	TOTAL AC.FT.,	9,503		

Year: 2006

North Kern WSD Diverted to Cawelo Water District
(Non-Kern River)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	15	16	16	14	16	13	13	13
2	0	0	0	0	15	16	16	14	17	12	13	14
3	0	0	0	0	16	15	15	13	17	12	14	13
4	0	0	0	0	18	16	16	14	17	12	14	12
5	0	0	0	0	17	14	15	16	16	12	14	12
6	0	0	0	0	18	14	16	16	15	12	13	12
7	0	0	0	0	18	13	16	17	16	12	13	12
8	0	0	0	0	17	14	17	16	16	13	12	13
9	0	0	0	0	17	14	17	16	17	12	13	10
10	0	0	0	0	17	15	16	17	17	12	13	8
11	0	0	0	0	17	15	15	14	16	13	14	10
12	0	0	0	0	17	16	14	16	16	13	14	11
13	0	0	0	0	18	17	14	16	16	12	13	10
14	0	0	0	0	18	14	13	14	16	12	13	13
15	0	0	0	0	17	11	17	13	16	12	13	15
16	0	0	0	0	17	14	16	14	16	11	11	14
17	0	0	0	0	17	15	12	14	16	13	14	12
18	0	0	0	0	15	14	12	14	14	12	14	7
19	0	0	0	0	13	13	12	15	14	11	14	11
20	0	0	0	0	15	14	14	15	14	12	14	9
21	0	0	0	0	15	14	14	14	14	13	14	11
22	0	0	0	0	17	15	15	14	14	10	15	13
23	0	0	0	0	17	15	16	14	14	13	14	14
24	0	0	0	12	17	16	13	14	14	13	15	13
25	0	0	0	14	17	15	14	15	14	13	14	14
26	0	0	0	15	18	14	14	15	14	13	15	13
27	0	0	0	16	18	14	14	16	12	13	14	13
28	0	0	0	16	18	14	15	15	14	14	14	11
29	0	-	0	16	18	12	15	15	10	14	14	0
30	0	-	0	16	16	14	16	15	12	14	13	0
31	0	-	0	-	16	-	14	15	-	13	-	0
TOTAL	0	0	0	105	519	433	459	460	450	386	408	333
MAXIMUM DAY	0	0	0	16	18	17	17	17	17	14	15	15
MINIMUM DAY	0	0	0	0	13	11	12	13	10	10	11	0
MEAN	0	0	0	4	17	14	15	15	15	12	14	11
TOTAL AC. FT.	0	0	0	208	1,029	859	911	912	893	766	810	661
WHOLE YEAR:-	TOTAL,	3,553	MAX.,	18	MIN.,	0	MEAN,	10	TOTAL AC.FT.,	7,049		

North Kern Water Storage District												Year: 2006		
Semitropic WSD Exchange Deliveries														
DISCHARGE IN CUBIC FEET PER SECOND														
DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1	0	0	5	0	0	0	0	6	0	0	0	0	0	0
2	0	0	6	0	0	0	0	0	0	0	0	0	0	0
3	0	0	5	0	0	0	0	6	0	0	0	0	0	0
4	0	0	0	0	0	0	0	6	0	0	0	0	0	0
5	0	0	0	0	0	0	3	6	0	0	0	0	0	0
6	0	0	5	0	0	0	4	0	0	0	0	0	0	0
7	0	0	6	0	0	0	4	6	0	0	0	0	0	0
8	0	0	6	0	0	0	4	7	0	0	0	0	0	0
9	0	0	5	0	0	0	4	7	0	0	0	0	0	0
10	0	0	0	0	0	0	3	7	0	0	0	0	0	0
11	0	0	0	0	0	0	6	7	0	6	0	0	0	0
12	0	0	0	0	0	0	5	0	0	6	0	0	0	0
13	0	0	6	0	0	0	5	0	0	6	0	0	0	0
14	0	0	5	0	0	0	5	0	0	0	4	0	0	0
15	0	0	5	0	0	0	0	0	0	6	0	5	0	0
16	0	0	0	0	0	0	0	0	0	6	0	5	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	5	0	0	0	0
19	0	0	0	0	0	0	0	0	0	5	0	0	0	0
20	0	0	0	0	0	0	6	0	0	5	0	0	0	0
21	0	0	0	0	0	0	6	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	7	0	0	0	0
24	0	0	0	0	0	0	5	0	0	7	0	0	0	0
25	0	0	0	0	0	0	5	0	0	7	0	0	0	0
26	0	0	0	0	0	0	5	0	0	6	0	0	0	0
27	0	0	0	0	0	0	5	0	0	6	0	0	0	0
28	0	0	0	0	0	0	5	0	0	6	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0	0	0
30	0	-	0	0	0	0	0	0	0	0	0	0	0	0
31	0	-	0	-	0	-	6	0	-	0	-	0	0	0
TOTAL	0	0	54	0	0	0	86	58	0	84	0	18	0	0
MAXIMUM DAY	0	0	6	0	0	0	6	7	0	7	0	5	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	2	0	0	0	3	2	0	3	0	1	0	0
TOTAL AC. FT.	0	0	108	0	0	0	171	115	0	167	0	36	0	0
WHOLE YEAR:-	TOTAL,	300	MAX.,	7	MIN.,	0	MEAN,	1	TOTAL AC.FT.,	597				

Year: 2006

North Kern Water Storage District
Shafter-Wasco ID Exchange Deliveries

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	2	0	0	0	0	0
2	0	0	0	0	0	0	2	0	0	0	0	0
3	0	0	0	0	0	0	2	0	0	0	0	0
4	0	0	0	0	0	0	2	0	0	0	0	0
5	0	0	0	0	0	0	2	0	0	0	0	0
6	0	0	0	0	0	0	2	0	0	0	0	0
7	0	0	0	0	0	0	2	0	0	0	0	0
8	0	0	0	0	0	0	1	0	0	0	0	0
9	0	0	0	0	0	0	1	0	0	0	0	0
10	0	0	0	0	0	0	1	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	17	0	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	0	2	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	1	0	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	0	34	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	17	MAX.,	2	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	34		

Year: 2006

City of Bakersfield Diverted for Rosedale-Rio Bravo WSD
via North Kern WSD
(Kern River/Friant-Kern Exchange)

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	50	0	0	0	0	0	0	0	0
2	0	0	0	50	0	0	0	0	0	0	0	0
3	0	0	0	50	0	0	0	0	0	0	0	0
4	0	0	0	151	0	0	0	0	0	0	0	0
5	0	0	0	169	0	0	0	0	0	0	0	0
6	0	0	0	163	0	0	0	0	0	0	0	0
7	0	0	0	164	0	0	0	0	0	0	0	0
8	0	0	0	167	0	0	0	0	0	0	0	0
9	0	0	0	163	0	0	0	0	0	0	0	0
10	0	0	0	167	0	0	0	0	0	0	0	0
11	0	0	0	167	0	0	0	0	0	0	0	0
12	0	0	0	169	0	0	0	0	0	0	0	0
13	0	0	0	167	0	0	0	0	0	0	0	0
14	0	0	0	167	0	0	0	0	0	0	0	0
15	0	0	0	145	0	0	0	0	0	0	0	0
16	0	0	0	11	0	0	0	0	0	0	0	0
17	0	0	0	143	0	0	0	0	0	0	0	0
18	0	0	0	167	0	0	0	0	0	0	0	0
19	0	0	0	167	0	0	0	0	0	0	0	0
20	0	0	0	167	0	0	0	0	0	0	0	0
21	0	0	0	167	0	0	0	0	0	0	0	0
22	0	0	0	167	0	0	0	0	0	0	0	0
23	0	0	0	167	0	0	0	0	0	0	0	0
24	0	0	0	167	0	0	0	0	0	0	0	0
25	0	0	0	167	0	0	0	0	0	0	0	0
26	0	0	0	167	0	0	0	0	0	0	0	0
27	0	0	0	167	0	0	0	0	0	0	0	0
28	0	0	0	167	0	0	0	0	0	0	0	0
29	0	-	0	0	0	0	0	0	0	0	0	0
30	0	-	27	0	0	0	0	0	0	0	0	0
31	0	-	50	-	0	-	0	0	-	0	-	0
TOTAL	0	0	77	4,100	0	0	0	0	0	0	0	0
MAXIMUM DAY	0	0	50	169	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	2	137	0	0	0	0	0	0	0	0
TOTAL AC. FT.	0	0	153	8,132	0	0	0	0	0	0	0	0
WHOLE YEAR:-	TOTAL,	4,177	MAX.,	169	MIN.,	0	MEAN,	11	TOTAL AC.FT.,	8,285		

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

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2004													
NKWS D to CITY	3,342	0	0	0	0	0	0	0	0	0	0	0	3,342
CITY to NKWS D	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 NKWS D	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433

2005													
NKWS D to CITY	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY to NKWS D	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 NKWS D	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433	37,433

2006													
NKWS D to CITY	2,729	0	0	0	0	0	0	0	0	0	0	261	2,990
CITY to NKWS D	0	0	3,021	0	0	0	0	0	0	0	0	0	3,021
Other Purchase Rate	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY Debit to NKWS D	40,162	40,162	37,141	37,141	37,141	37,141	37,141	37,141	37,141	37,141	37,141	37,402	37,402

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

Quantities in acre-feet

Year: 2006

<u>YEAR</u>	<u>NKWSD TO CITY</u>	<u>CITY TO NKWSD</u>	<u>END OF YEAR RUNNING BALANCE (City owes NKWSD)</u>
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

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.

A photograph of a river flowing through a canal. In the background, a long, dark metal truss bridge spans across the canal. The river is dark and turbulent, with white foam visible in the foreground. The banks are rocky and eroded. In the distance, a line of evergreen trees sits atop a hill under a cloudy sky.

COST ALLOCATION & WATERMASTER SUMMARIES

Carrier Canal Below Headgate

**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: 2006

	2002	2003	2004	2005	2006	Five Year Total	Allocation Percentage
Carrier Canal at Head	205,190	208,245	189,266	232,937	251,741	1,087,379	99.79%
Oilfield Discharge	121	0	0	880	681	1,682	0.16%
Storm Drain Inflow	121	99	129	162	65	576	0.05%
TOTAL CARRIER CANAL FLOW	205,432	208,344	189,395	233,979	252,487	1,089,637	100.00%

Kern Island Canal (1)	138,274	147,653	137,612	148,478	147,301	719,318	66.01%
Eastside Canal	13,928	14,079	12,285	14,826	13,816	68,934	6.33%
Kern Delta WD via Levee #1	15,146	30,735	26,735	53,371	65,722	191,709	17.59%
KERN DELTA WATER DISTRICT TOTAL	167,348	192,467	176,632	216,675	226,839	979,961	89.93%

Via Kern Island Canal	0	1,154	0	0	0	1,154	0.11%
Carrier Waste Gate	32	562	202	28	0	824	0.08%
Kern River Conduit via Levee #1	38,052	14,161	12,561	17,276	25,648	107,698	9.88%
CITY OF BAKERSFIELD TOTAL	38,084	15,877	12,763	17,304	25,648	109,676	10.07%

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: 2006

	2002	2003	2004	2005	2006	Five Year Total	Allocation Percentage
TOTAL CARRIER CANAL FLOW (1)	42,613	80,549	62,922	214,510	171,553	572,147	100.00%

Stine Canal Total Diverted (2)	1,407	23,908	15,214	35,290	40,533	116,352	20.34%
Arvin-Edison Turnout Total Diverted (2)	0	54	0	0	0	54	0.01%
Buena Vista Canal Total Diverted (2)	18,546	30,968	20,033	38,233	35,032	142,812	24.96%
River Canal Total Diverted (3)	730	1,519	577	167	0	2,993	0.52%
KERN DELTA WATER DISTRICT TOTAL DIVERTED FROM CARRIER CANAL	20,683	56,449	35,824	73,690	75,565	262,211	45.83%

KERN RIVER CONDUIT (City of Bakersfield)	21,930	24,100	27,098	140,820	95,988	309,936	54.17%
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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
2006

CALLOWAY CANAL USED

Preceding Ten Years

Year	Diverted via Calloway Canal				
	NKWSD	CITY	Subtotal	ID4	TOTAL
1997	59,207	14,927	74,134	46,814	120,948
1998	97,572	10,684	108,256	33,124	141,380
1999	11,873	611	12,484	30,624	43,108
2000	97	0	97	32,258	32,355
2001	0	0	0	9,034	9,034
2002	0	0	0	24,450	24,450
2003	0	0	0	10,688	10,688
2004	0	0	0	19,126	19,126
2005	43,729	4,460	48,189	27,597	75,786
2006	80,517	8,006	88,523	21,549	110,072
Total	292,995	38,688	331,683	255,264	586,947
Percent	88.34%	11.66%	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				
2002	68,052	103	68,155	10,287	78,442	55,745	134,187
2003	106,579	488	107,067	10,711	117,778	61,560	179,338
2004	110,049	350	110,399	10,425	120,824	53,989	174,813
2005	198,183	9,188	207,371	15,746	223,117	67,068	290,185
2006	213,766	5,541	219,307	11,381	230,688	68,208	298,896
Total	696,629	15,670	712,299	58,550	770,849	306,570	1,077,419
Percent	90.37%	2.03%	92.40%	7.60%	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: 2006

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Operating Loss/Spreading	156	153	171	167	197	220	238	133	107	105	0	0	1,647
Treatment Plant	974	1,202	1,218	1,412	2,741	3,009	3,052	1,650	1,599	1,555	0	0	18,412
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	69	14	40	127	24	0	87	123	42	0	0	0	526
Western Reach Flow	99	0	559	1,460	331	0	2,944	3,626	327	0	0	0	9,346
Trans. Charge Waived	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL DIVERSION	1,298	1,369	1,988	3,166	3,293	3,229	6,321	5,532	2,075	1,660	0	0	29,931
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	\$0.75
Escalator	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646
Current Rate	\$1.23	\$1.23	\$1.23	\$1.23	\$1.23	\$1.23	\$1.23	\$1.23	\$1.23	\$1.23	\$1.23	\$1.23	\$1.23
SUB-TOTAL CHARGE	\$1,596.54	\$1,683.87	\$2,445.24	\$3,894.18	\$4,050.39	\$3,971.67	\$7,774.83	\$6,804.36	\$2,552.25	\$2,041.80	\$0.00	\$0.00	\$36,815.13
Bartell Spreading	0	0	0	0	0	0	0	0	0	0	0	0	0
Loss Below Buck Owens Weir	99	0	559	1,460	331	0	2,339	2,747	327	0	0	0	7,862
NKWS Exchange Delivery	0	0	0	0	0	0	605	879	0	0	0	0	1,484
Trans. Charge Waived	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL DIVERSION	99	0	559	1,460	331	0	2,944	3,626	327	0	0	0	9,346
Current Rate	\$1.23	\$1.23	\$1.23	\$1.23	\$1.23	\$1.23	\$1.23	\$1.23	\$1.23	\$1.23	\$1.23	\$1.23	\$1.23
SUB-TOTAL CHARGE	\$121.77	\$0.00	\$687.57	\$1,795.80	\$407.13	\$0.00	\$3,621.12	\$4,459.98	\$402.21	\$0.00	\$0.00	\$0.00	\$11,495.58
TOTAL CHARGE	\$1,718.31	\$1,683.87	\$3,132.81	\$5,689.98	\$4,457.52	\$3,971.67	\$11,395.95	\$11,264.34	\$2,954.46	\$2,041.80	\$0.00	\$0.00	\$48,310.71

HYDROGRAPHIC SUMMARY
UTILIZATION OF WATER - FIRST POINT GROUP - PRECEDING FIVE YEARS

Year: 2006

Quantities in acre-feet

Canal	2002	2003	2004	2005	2006	Five Year	
						Total	Percentage
Kern Island	127,900	145,502	133,708	139,507	143,182	689,799	26.51%
Eastside	13,928	14,079	12,285	14,440	13,709	68,441	2.63%
Buena Vista	12,827	20,577	13,153	29,433	28,751	104,741	4.03%
Stine	7,719	19,184	13,482	32,590	30,420	103,395	3.97%
Farmers	7,710	14,608	10,745	18,828	14,820	66,711	2.56%
Subtotal Kern Delta WD	170,084	213,950	183,373	234,798	230,882	1,033,087	39.70%

City of Bakersfield	33,208	64,582	41,589	276,251	273,271	688,901	26.48%
K.R.C. & I. Co. (Beardsley)	7,960	8,395	9,085	5,673	4,636	35,749	1.37%
Central - I.D. #4 (Calloway)	24,450	10,688	19,126	27,597	20,430	102,291	3.93%
James	0	0	0	0	0	0	0.00%
Pioneer	0	0	0	0	0	0	0.00%
Subtotal City of Bakersfield	65,618	83,665	69,800	309,521	298,337	826,941	31.78%

North Kern WSD	52,551	108,374	104,012	227,488	249,560	741,985	28.52%
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Total First Point Group	288,253	405,989	357,185	771,807	778,779	2,602,013	100.00%
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South Fork	160	162	114	112	132		
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- Note:

ALL FIGURES REFLECT
GROSS DIVERSIONS...

First Point Passing 2nd Point	0	0	0	1,085	11,890		
River Loss and Spreading	57,115	46,399	28,787	70,808	53,675		
Flow Above First Point	3,163	8,383	18,107	16,901	18,448		

Total 1st Point Group Diverted	348,691	460,933	404,193	860,713	862,924		
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**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: 2006

Year	Acre-Foot Days of Irrigation Storage			Isabella O&M Charges (2)
	NKWSD (1)	BVWSD	Total A.F.D.	
2002	20,532,190	13,690,799	34,222,989	\$366,015
2003	37,777,781	21,519,712	59,297,493	(3) \$0
2004	27,597,821	17,108,460	44,706,281	\$71,928
2005	66,555,427	31,501,098	98,056,525	\$71,928
2006	64,917,301	30,363,352	95,280,653	\$71,928
5-Year Totals	217,380,520	114,183,421	331,563,941	\$581,799

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

- Total 5-Year Operation & Interest Charge..... \$1,725,049

Total 5-Year Cost = \$1,725,049 = \$0.0052028

Total 5-Year Use = 331,563,941 = Rental Charge
Per
Acre-Foot Day

TOTAL 2006 HACIENDA WD Acre-Foot Storage Days = 17,570,015

TOTAL 2006 HACIENDA WD Share of 2006 Storage Costs = \$91,413.27

(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 (includes contract administration charges by the U.S.B.R.)

(3) Reflects reconciliation for overpayment of Isabella Reservoir O&M Charges for
years 1999-2002 pursuant to Corps of Engineers letter dated May 1, 2003...

KERN COUNTY RECREATION POOL REPORT FROM THE KERN RIVER WATERMASTER

Year: 2006

Quantities in acre-feet
except where noted...

	Total Storage in Reservoir	Total Water Surface Area (Acres)	Area		Total Reservoir Loss	County of Kern		
			Total Surface Area (Acres)	Attributable to Rec. Pool (Acres)		Ming Lake Net Inflow	Recreation Pool Loss	
End of Previous Year	246,549	7,490		550				
January	244,904	7,461		550	1,327	16	95	
February	248,051	7,516		545	1,210	16	89	
March	288,060	8,171		485	1,031	44	65	
April	382,630	9,471		380	2,507	60	113	
May	412,941	9,833		360	5,429	77	202	
June	380,455	9,444		380	6,944	105	268	
July	321,225	8,662		440	8,164	127	377	
August	266,462	7,827		515	6,851	121	403	
September	236,191	7,307		565	5,617	91	403	
October	230,893	7,211		575	3,281	65	258	
November	225,878	7,118		585	2,075	42	169	
December	226,732	7,134		580	1,089	26	87	
TOTALS					45,525	790	2,529	

ISABELLA RESERVOIR RECREATION POOL:

15,125 S.F.D.

30,000 ACRE-FEET

NOTE: Storage & Area quantities reflect last day of month

REPORT OF THE KERN RIVER WATERMASTER

SUMMARY OF KERN RIVER RUNOFF

Quantities in acre-feet

Year: 2006

	CALENDAR YEAR			
	FIRST POINT		ENTITLEMENT	
	REGULATED	NATURAL	NKWS	BWSD
JANUARY	55,783	55,466	54,359	1,107
To Date	55,783	55,466	54,359	1,107
FEBRUARY	32,313	36,668	36,386	282
MARCH	88,096	92,134	90,745	1,389
APRIL	24,899	65,938	50,820	15,118
MAY	112,995	158,072	141,565	16,507
JUNE	49,966	147,043	95,502	43,206
JULY	162,961	305,115	237,067	59,713
AUGUST	273,669	309,409	164,043	110,134
SEPTEMBER	436,630	614,524	401,110	169,847
OCTOBER	258,061	232,520	125,053	75,033
Year	694,691	847,044	526,163	244,880
	157,823	106,756	61,072	24,565
	852,514	953,800	587,235	269,445
	86,747	38,834	32,352	6,482
	939,261	992,634	619,587	275,927
	45,725	21,072	21,072	0
	984,986	1,013,706	640,659	275,927
	22,006	19,989	19,989	0
	1,006,992	1,033,695	660,648	275,927
	20,484	17,542	17,542	0
	1,027,476	1,051,237	678,190	275,927
	18,660	20,604	20,604	0
	1,046,136	1,071,841	698,794	275,927

1894 to 2006 Mean April-July Runoff = 470,229 acre-feet (100% of Average)
 2006 April-July Runoff = 795,728 acre-feet (169% of Average)

	WATER YEAR			
	FIRST POINT		ENTITLEMENT	
	REGULATED	NATURAL	NKWS	BWSD
OCTOBER	60,066	23,800	23,800	0
To Date	60,066	23,800	23,800	0
NOVEMBER	35,747	21,707	21,707	0
DECEMBER	95,813	45,507	45,507	0
JANUARY	30,654	33,614	33,614	0
FEBRUARY	126,467	79,121	79,121	0
MARCH	55,783	55,466	54,359	1,107
APRIL	182,250	134,587	133,480	1,107
MAY	32,313	36,668	36,386	282
JUNE	214,563	171,255	169,866	1,389
JULY	24,899	65,938	50,820	15,118
AUGUST	239,462	237,193	220,686	16,507
SEPTEMBER	49,966	147,043	95,502	43,206
Year	289,428	384,236	316,188	59,713
	273,669	309,409	164,043	110,134
	593,097	693,645	480,231	169,847
	258,061	232,520	125,053	75,033
	821,158	926,165	605,284	244,880
	157,823	106,756	61,072	24,565
	978,981	1,032,921	666,356	269,445
	86,747	38,834	32,352	6,482
	1,065,728	1,071,755	698,708	275,927
	45,725	21,072	21,072	0
	1,111,453	1,092,827	719,780	275,927

1894 to 2006 Mean March-October Runoff = 603,319 acre-feet (100% of Average)
 2006 March-October Runoff = 941,561 acre-feet (156% of Average)

Year: 2006

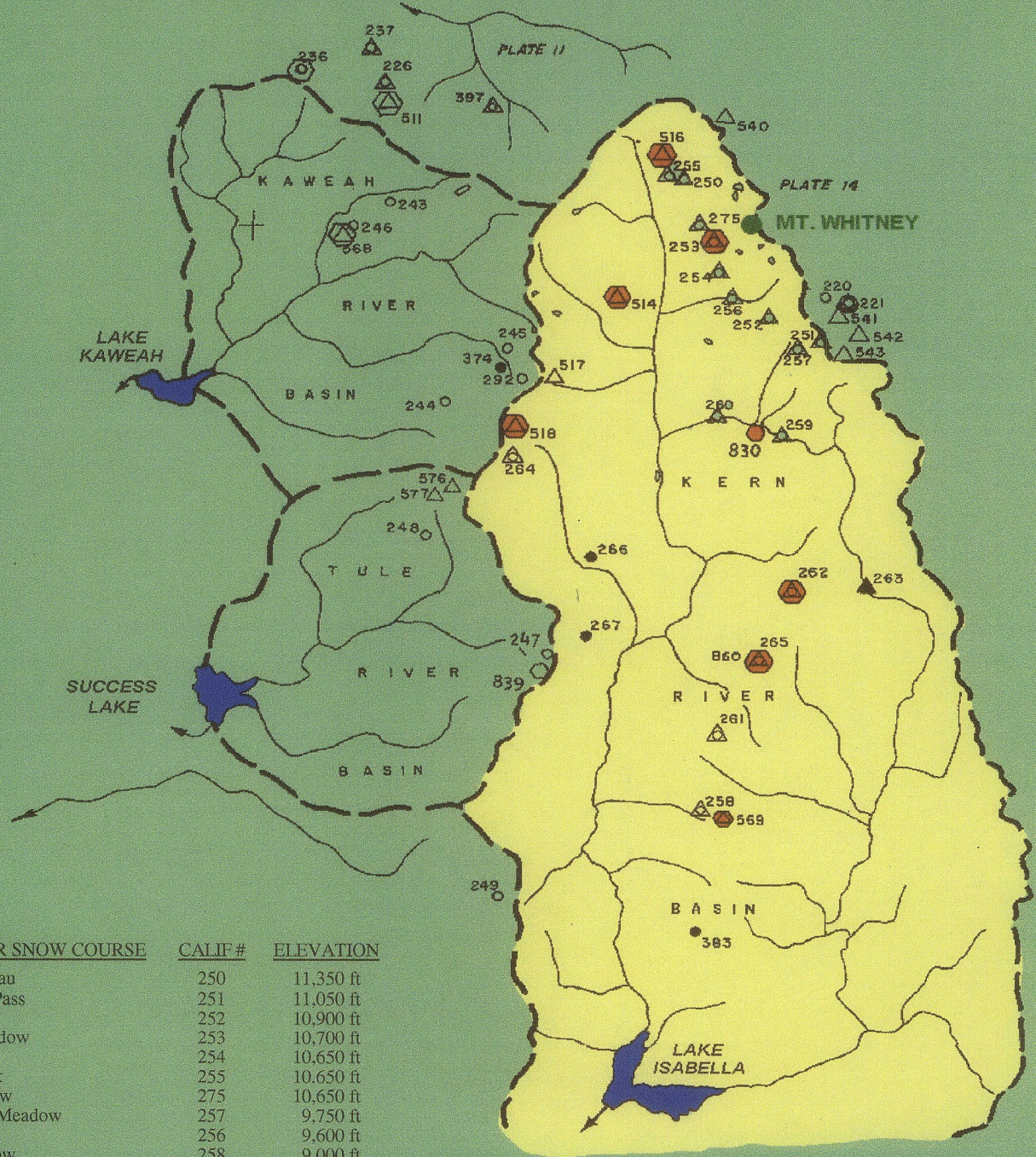
Isabella Dam & Reservoir
Midnight Storage Recapitulation

QUANTITIES IN ACRE-FEET

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	249,103	245,054	250,385	289,861	384,906	411,564	378,757	319,409	265,523	235,826	230,676	225,878
2	252,279	245,278	251,977	291,505	387,475	411,075	376,875	317,513	264,822	235,388	230,460	225,949
3	255,402	245,502	253,420	293,811	389,862	410,977	374,247	315,622	263,964	235,098	230,318	225,878
4	256,319	245,577	254,714	300,793	391,202	411,957	371,442	313,652	263,109	234,952	230,100	225,878
5	256,626	245,726	255,860	306,933	391,490	413,630	368,740	311,944	261,944	234,806	230,028	225,878
6	256,549	245,801	257,086	311,944	391,586	415,502	366,141	310,156	260,628	234,587	229,884	225,878
7	256,473	245,801	258,623	316,310	391,778	416,784	363,829	308,119	259,317	234,515	229,669	225,878
8	256,703	245,801	259,932	320,621	392,351	416,982	361,339	306,004	257,930	234,442	229,454	225,807
9	256,779	245,801	261,093	324,527	393,023	416,784	359,410	303,982	256,779	234,296	229,238	225,878
10	256,549	245,801	262,410	328,370	393,985	416,191	358,219	302,217	255,632	234,151	229,094	226,234
11	255,860	245,801	263,652	332,060	395,619	415,206	356,480	300,710	254,180	234,005	228,807	226,304
12	254,943	245,801	264,744	335,064	397,064	414,219	354,927	299,123	252,659	233,860	228,663	226,234
13	253,801	245,801	265,914	338,172	398,900	411,859	353,197	297,375	251,143	233,860	228,520	226,234
14	252,583	245,726	266,776	341,471	401,418	409,212	351,380	295,301	249,481	233,860	228,448	226,234
15	251,673	245,502	267,794	345,416	404,916	405,891	349,477	293,234	248,126	233,787	228,448	226,234
16	250,688	245,203	268,816	349,025	407,745	402,776	347,580	291,258	246,999	233,569	228,305	226,234
17	249,179	245,054	269,639	352,559	410,977	400,254	345,596	289,371	245,876	233,425	228,233	226,234
18	248,051	245,054	270,866	355,657	413,825	397,933	343,799	287,652	244,680	233,280	228,161	226,163
19	247,074	245,128	271,734	358,494	416,883	396,198	341,918	286,103	243,489	233,207	228,090	226,092
20	245,726	245,128	272,448	361,339	419,852	394,177	340,310	284,478	242,525	233,135	228,020	226,020
21	244,904	245,128	273,162	364,199	421,936	392,159	339,239	282,615	241,634	233,062	227,805	226,020
22	244,979	245,054	273,876	366,698	423,529	389,957	338,439	280,758	240,748	232,990	227,590	226,304
23	244,829	244,979	274,513	368,834	423,329	387,666	337,104	278,989	239,935	232,845	227,447	226,375
24	244,755	244,904	275,230	370,975	422,831	385,477	335,419	277,226	239,271	232,627	227,232	226,518
25	244,755	244,829	276,186	372,845	422,135	384,053	333,561	275,230	238,758	232,410	227,018	226,589
26	244,680	244,755	277,306	374,716	421,339	383,294	331,445	273,558	238,243	232,192	226,804	226,589
27	244,606	245,352	278,588	376,499	421,043	382,819	328,984	272,210	237,582	231,975	226,518	226,946
28	244,606	248,051	281,162	378,380	419,653	382,440	327,233	270,787	237,070	231,686	226,304	227,018
29	244,680	-	284,072	380,644	417,476	381,874	325,572	269,368	236,557	231,398	226,020	226,875
30	244,755	-	286,103	382,630	415,107	380,455	323,395	267,873	236,191	231,109	225,878	226,804
31	244,904	-	288,060	-	412,941	-	321,225	266,462	-	230,893	-	226,732
MAXIMUM DAY	256,779	248,051	288,060	382,630	423,529	416,982	378,757	319,409	265,523	235,826	230,676	227,018
MINIMUM DAY	244,606	244,755	250,385	289,861	384,906	380,455	321,225	266,462	236,191	230,893	225,878	225,807

KERN RIVER BASIN

Drainage Basin Above Lake Isabella = 2,074 Square Miles

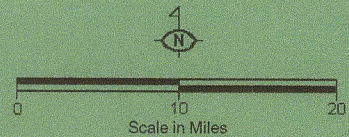


KERN RIVER SNOW COURSE **CALIF #** **ELEVATION**

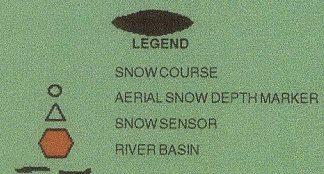
Bighorn Plateau	250	11,350 ft
Cottonwood Pass	251	11,050 ft
Siberian Pass	252	10,900 ft
Crabtree Meadow	253	10,700 ft
Guyot Flat	254	10,650 ft
Tyndall Creek	255	10,650 ft
Sandy Meadow	275	10,650 ft
Big Whitney Meadow	257	9,750 ft
Rock Creek	256	9,600 ft
Round Meadow	258	9,000 ft
Ramshaw Meadow	259	8,700 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



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



REPORT OF THE KERN RIVER WATERMASTER

JANUARY 2006

Quantities in S.F.D. except where noted

DAY	ELEVATION (FEET)	ISABELLA RESERVOIR		FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST REGULATED FLOW	CHANGE IN STORAGE+LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE		KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW		FRIANT-KERN INFLOW DAY
		MIDNIGHT STORAGE	ACRE-FEET				S.F.D.	LOSS		IRRIGATION	Recreation Pool + Dead Storage = 15,218 S.F.D. (90,184 ACFT)			AT 2ND POINT	KERN FRIANT-KERN	
Previous Day	2571.78	246,549	124,302	3	579	594	1,012	1,012	1,012	124,302	109,084	0	0	0	0	0
1	2572.12	249,103	125,589	3	600	611	1,901	1,901	1,901	125,589	110,371	0	0	0	0	0
2	2572.54	252,279	127,191	3	551	565	2,170	2,170	2,170	127,191	111,973	0	0	0	0	0
3	2572.95	255,402	128,765	26	568	583	2,183	2,183	2,183	128,765	113,547	2	0	0	0	0
4	2573.07	256,319	129,228	11	841	856	1,330	1,330	1,266	129,164	113,946	1	0	0	0	0
5	2573.11	256,628	129,382	31	937	953	1,138	1,138	1,165	129,345	114,127	2	0	0	0	0
6	2573.10	256,549	129,344	26	1,025	1,040	1,028	1,028	1,055	129,334	114,116	2	0	0	0	0
7	2573.09	256,473	129,305	41	981	996	998	998	1,003	129,300	114,082	3	0	0	0	0
8	2573.12	256,703	129,421	26	824	841	983	983	954	129,387	114,169	2	0	0	0	110
9	2573.13	256,779	129,459	13	815	830	881	881	883	129,427	114,209	1	0	0	0	300
10	2573.10	256,549	129,344	13	872	887	785	785	818	129,345	114,127	1	22	0	0	521
11	2573.01	255,860	128,996	36	1,085	1,100	788	788	827	129,036	113,818	2	20	0	0	786
12	2572.89	254,943	128,534	10	1,346	1,361	909	909	819	128,484	113,266	1	20	0	0	712
13	2572.74	253,801	127,958	28	1,293	1,308	760	760	770	127,918	112,700	2	26	0	0	496
14	2572.58	252,583	127,344	18	1,222	1,237	641	641	757	127,420	112,202	1	12	0	0	432
15	2572.46	251,673	126,885	10	1,305	1,320	871	871	791	126,881	111,663	1	58	29	0	375
16	2572.33	250,688	126,389	3	1,340	1,355	862	862	784	126,307	111,089	0	117	74	0	375
17	2572.13	249,179	125,628	20	1,343	1,360	619	619	757	125,684	110,466	1	130	94	0	375
18	2571.98	248,051	125,059	8	1,337	1,352	791	791	760	125,084	109,866	1	124	94	0	377
19	2571.85	247,074	124,567	18	1,331	1,345	871	871	779	124,500	109,282	1	119	97	0	408
20	2571.67	245,726	123,887	15	1,322	1,339	674	674	771	123,917	108,699	1	118	97	0	440
21	2571.56	244,904	123,473	10	1,155	1,171	767	767	723	123,459	108,241	1	136	100	0	382
22	2571.57	244,979	123,510	40	636	650	727	727	698	123,467	108,249	3	166	100	0	723
23	2571.55	244,829	123,435	68	590	607	600	600	648	123,440	108,222	5	136	78	22	889
24	2571.54	244,755	123,397	33	606	622	617	617	612	123,397	108,179	2	135	64	36	866
25	2571.54	244,755	123,397	20	583	599	619	619	601	123,379	108,161	1	130	0	100	901
26	2571.53	244,680	123,360	13	574	592	568	568	585	123,359	108,141	1	124	0	100	926
27	2571.52	244,606	123,322	25	565	580	567	567	565	123,319	108,101	2	134	0	100	894
28	2571.52	244,606	123,322	25	518	534	559	559	571	123,331	108,113	2	130	0	100	732
29	2571.53	244,680	123,360	23	511	527	588	588	570	123,351	108,133	2	128	0	42	425
30	2571.54	244,755	123,397	23	485	502	562	562	571	123,397	108,179	2	74	0	0	123
31	2571.56	244,904	123,473	30	485	501	607	607	607	123,473	108,255	2	0	0	0	0
TOTAL SECOND FOOT DAYS				669	27,646	28,124	27,964	27,964	27,964	27,964	108,255	48	2,059	827	500	12,568
TOTAL ACRE-FEET				1,327	54,835	948	55,466	55,466	55,466	244,904	214,720	95	4,084	1,641	991	24,927

By: *AW*

Date: February 24, 2006

REPORT OF THE KERN RIVER WATERMASTER

JANUARY 2006

Quantities in S.F.D. except where noted

PAGE 2 of 5

NORTH KERN WATER STORAGE DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

HACIENDA WATER DISTRICT

DAY	ENTL AT 1ST		FLOW ABOVE		RESERVOIR		ENT'L AT 1ST		FLOW		RESERVOIR		ENTITLEMENT		FLOW		RESERVOIR																																																
	POINT	POINT	POINT	POINT	LOSS	STORAGE	POINT	POINT	VIA	PIONEER	AT 2ND	HACIENDA	LOSS	STORAGE	CONTRIBUTED BY:	TRANS.	FOR	LOSS	STORAGE	DAY																																													
Previous Day	1,012	579	15	2	58,020	0	0	0	0	0	0	0	1	34,284	0	0	0	0	0	16,780	1																																												
1	1,773	567	11	2	59,213	128	0	0	0	33	0	0	1	34,378	0	0	0	0	0	16,780	1																																												
2	1,957	504	14	2	60,650	213	0	0	0	47	0	0	1	34,543	0	0	0	0	0	16,780	2																																												
3	1,966	559	15	14	62,028	217	0	0	0	4	0	0	8	34,743	0	0	0	0	0	16,776	3																																												
4	1,266	835	14	7	62,438	0	0	0	0	6	0	1	3	34,733	0	0	0	0	0	16,775	4																																												
5	1,165	931	16	18	62,638	0	0	0	0	0	0	0	9	34,718	0	0	0	0	0	16,771	5																																												
6	1,055	1,019	15	14	62,645	0	0	0	0	0	0	0	8	34,704	0	0	0	0	0	16,767	6																																												
7	1,003	976	15	23	62,634	0	0	0	0	5	0	0	12	34,687	0	0	0	0	0	16,761	7																																												
8	954	821	17	14	62,796	0	0	0	0	3	0	0	8	34,676	0	0	0	0	0	16,757	8																																												
9	883	812	15	7	62,785	0	0	0	0	3	0	0	4	34,669	0	0	0	0	0	16,755	9																																												
10	818	872	15	7	62,709	0	0	0	0	0	0	0	4	34,665	0	0	0	0	0	16,753	10																																												
11	827	1,085	15	20	62,416	0	0	0	0	0	0	0	11	34,654	0	0	0	0	0	16,748	11																																												
12	819	1,346	15	6	61,868	0	0	0	0	0	0	0	3	34,651	0	0	0	0	0	16,747	12																																												
13	770	1,293	14	16	61,315	0	0	0	0	0	0	1	8	34,642	0	0	0	0	0	16,743	13																																												
14	757	1,221	15	10	60,826	0	0	0	0	1	0	0	5	34,636	0	0	0	0	0	16,740	14																																												
15	791	1,271	15	6	60,325	0	0	0	0	5	0	0	3	34,599	0	0	0	0	0	16,739	15																																												
16	784	1,259	15	2	59,833	0	0	0	0	7	0	0	1	34,517	0	0	0	0	0	16,739	16																																												
17	757	1,242	17	11	59,320	0	0	0	0	7	0	0	6	34,410	0	0	0	0	0	16,736	17																																												
18	760	1,236	14	5	58,825	0	0	0	0	7	0	1	2	34,306	0	0	0	0	0	16,735	18																																												
19	779	1,229	14	9	58,352	0	0	0	0	5	0	0	6	34,198	0	0	0	0	0	16,732	19																																												
20	771	1,216	17	8	57,882	0	0	0	0	9	0	0	5	34,087	0	0	0	0	0	16,730	20																																												
21	723	1,038	16	6	57,545	0	0	0	0	9	0	0	3	33,975	0	0	0	0	0	16,721	21																																												
22	698	495	14	22	57,712	0	0	0	0	100	0	0	12	33,853	0	0	0	0	0	16,684	22																																												
23	648	467	16	37	57,840	0	0	0	0	78	0	1	21	33,743	0	0	0	0	0	16,639	23																																												
24	612	503	16	18	57,915	0	0	0	0	64	0	0	10	33,660	0	0	0	0	0	16,604	24																																												
25	601	536	16	11	57,953	0	0	0	0	13	0	0	6	33,641	0	0	0	0	0	16,567	25																																												
26	585	523	17	7	57,991	0	0	0	0	15	0	1	4	33,621	0	0	0	0	0	16,529	26																																												
27	565	513	15	13	58,015	0	0	0	0	15	0	0	8	33,598	0	0	0	0	0	16,488	27																																												
28	571	472	15	13	58,086	0	0	0	0	12	0	1	8	33,577	0	0	0	0	0	16,450	28																																												
29	570	468	16	13	58,159	0	0	0	0	12	0	0	7	33,558	0	0	0	0	0	16,416	29																																												
30	571	432	17	13	58,268	0	0	0	0	20	0	0	7	33,531	0	0	0	0	0	16,380	30																																												
31	607	428	16	17	58,414	0	0	0	0	20	0	0	9	33,502	0	0	0	0	0	16,339	31																																												
S.F.D.	27,406	26,169	472	371	58,414	558	220	84	827	203	33,502	346	95	16,339	S.F.D.					16,339																																													
AC.F.T.	54,359	51,905	936	736	115,962	1,107	436	167	1,641	403	66,450	686	188	32,408	AC.F.T.					32,408																																													
TOTAL ACRE-FOOT STORAGE DAYS																					3,687,937	TOTAL ACRE-FOOT STORAGE DAYS																					2,105,404	TOTAL ACRE-FOOT STORAGE DAYS																					1,025,218

REPORT OF THE KERN RIVER WATERMASTER

JANUARY 2006

WATERMASTER NOTES * KERN RIVER BULLETIN**

MONTH	DAYS	PAGE NO.	TITLE OF COLUMN	COMMENT
January	1-3	2	BWSD FLOW - PIONEER PROJECT	Delivered as per terms of Paragraph 5 (d) of the December 18, 1996 Pioneer Project Joint Operating Agreement.
January	8-30	1	FRIANT-KERN INFLOW	Friant-Kern Inflow to Kern River Channel on behalf of Kern County Water Agency.

SNOW SURVEY DATA FOR KERN RIVER BASIN

Date: February 1, 2006

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	1-26	54.0	35%	18.8	68%	DWR
Bighorn Plateau		250	11,350	23.7	1-26	49.0	37%	18.1	76%	DWR
Cottonwood Pass		251	11,050	14.8	2-01	34.6	36%	12.6	85%	DWR
Siberian Pass		252	10,900	20.0	1-29	48.4	36%	16.8	84%	DWR
Crabtree Meadow		253	10,700	19.6	1-27	55.0	35%	19.1	97%	DWR
Guyot Flat		254	10,700	19.8	1-28	59.0	33%	19.3	97%	DWR
Tyndall Creek		255	10,650	20.8	1-28	52.0	34%	17.6	85%	DWR
Sandy Meadows		275	10,650	18.8	1-25	54.0	33%	18.0	96%	DWR
Chagopopa Plateau		514	10,300	19.2	1-26	55.0	34%	18.6	97%	DWR
Big Whitney Meadow		257	9,750	17.2	1-29	45.5	36%	16.2	94%	DWR
Rock Creek		256	9,600	17.8	1-28	51.0	34%	17.1	96%	DWR
Pascoe		569	9,150	24.9	1-31	56.8	32%	18.0	72%	USFS
Round Meadow		258	9,000	24.1	1-31	49.1	32%	15.5	64%	USFS
Wet Meadow		518	8,950	30.3						
Tunnel Guard		830	8,900	15.6	1-30	36.5	33%	11.9	76%	DWR
Ramshaw Meadows		259	8,700	11.5	1-30	35.4	32%	11.3	98%	DWR
Little Whitney Meadow		260	8,500	12.9	1-31	42.4	33%	13.9	108%	DWR
Quinn Ranger Station		264	8,350	18.9						
Bonita Meadows		261	8,300	13.6						
Casa Vieja Meadows		262	8,300	19.8						
Casa Vieja Meadows		262	8,300	20.9						
Beach Meadows		265	7,650	8.3	2-01	17.3	27%	4.7	57%	USFS
Beach Meadows		860	7,650	11.0	2-01	17.8	31%	5.5	50%	USFS
Dead Horse Meadow		249	7,300	10.7						

CALIFORNIA COOPERATIVE SNOW SURVEYS FORECAST as of FEBRUARY 1, 2006 for KERN RIVER INFLOW TO ISABELLA RESERVOIR...
 April-July = 475,000 acre-feet (101% of Average) *** Water Year = 720,000 acre-feet (97% of Average)
 80 Percent Probability Range (Actual runoff should fall within the stated limits eight times out of ten) ...
 April-July = 305,000 AcFt (65% of Average) to 840,000 AcFt (179% of Average) *** Water Year = 500,000 AcFt (69% of Average) to 1,180,000 AcFt (164% of Average)

REPORT OF THE KERN RIVER WATERMASTER

FEBRUARY 2006

Quantities in S.F.D. except where noted

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DAY	ELEVATION (FEET)	ISABELLA RESERVOIR		LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE±LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE		KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW		FRIANT-KERN INFLOW DAY
		MIDNIGHT STORAGE	ACRE-FEET					RESERVOIR S.F.D.	LOSS		AT 1ST POINT	AT 2ND POINT			KERN RIVER	FRIANT-KERN	
Previous Day	2571.56	244,904	123,473	30	485	16	501	607	607	607	123,473	108,255	2	0	0	0	0
1	2571.58	245,054	123,548	28	483	18	501	604	604	613	123,557	108,339	2	0	0	0	1
2	2571.61	245,278	123,661	20	481	18	499	632	632	622	123,660	108,442	1	0	0	0	2
3	2571.64	245,502	123,774	7	488	21	509	629	629	634	123,778	108,560	1	0	0	0	3
4	2571.65	245,577	123,812	39	543	21	564	641	641	652	123,827	108,609	3	0	0	0	4
5	2571.67	245,726	123,887	31	560	19	579	685	685	656	123,873	108,655	2	0	0	0	5
6	2571.68	245,801	123,925	28	559	18	577	643	643	647	123,915	108,697	2	0	0	0	6
7	2571.68	245,801	123,925	18	576	20	596	614	614	619	123,920	108,702	1	0	0	0	7
8	2571.68	245,801	123,925	18	564	19	593	601	601	602	123,921	108,703	1	0	0	0	8
9	2571.68	245,801	123,925	26	545	20	565	591	591	599	123,929	108,711	2	0	0	0	9
10	2571.68	245,801	123,925	35	550	19	589	604	604	598	123,923	108,705	3	0	0	0	10
11	2571.68	245,801	123,925	24	554	21	575	599	599	602	123,926	108,708	2	0	0	0	11
12	2571.68	245,801	123,925	24	560	20	580	604	604	615	123,937	108,719	2	0	0	0	12
13	2571.68	245,801	123,925	26	595	20	615	641	641	631	123,927	108,709	2	0	0	0	13
14	2571.67	245,726	123,887	37	629	19	648	647	647	631	123,873	108,655	3	0	0	0	14
15	2571.64	245,502	123,774	33	667	17	684	604	604	608	123,764	108,546	2	0	0	0	15
16	2571.60	245,203	123,623	22	682	20	702	573	573	596	123,636	108,418	2	0	0	0	16
17	2571.58	245,054	123,548	18	647	20	667	610	610	606	123,557	108,399	1	0	0	0	17
18	2571.58	245,054	123,548	13	602	19	621	634	634	618	123,541	108,323	1	0	0	0	18
19	2571.59	245,128	123,585	7	547	18	565	609	609	592	123,561	108,343	1	0	0	0	19
20	2571.59	245,128	123,585	13	500	20	520	533	533	565	123,593	108,375	1	0	0	0	20
21	2571.59	245,128	123,585	18	518	17	535	553	553	546	123,586	108,368	1	0	0	0	21
22	2571.58	245,054	123,548	18	553	18	571	552	552	561	123,568	108,340	1	0	0	0	22
23	2571.57	244,979	123,510	18	576	23	599	579	579	569	123,510	108,292	1	0	0	0	23
24	2571.56	244,904	123,473	24	571	19	590	577	577	572	123,468	108,250	2	0	0	0	24
25	2571.55	244,829	123,435	26	552	21	573	561	561	566	123,435	108,217	2	0	0	0	25
26	2571.54	244,755	123,397	35	543	21	564	561	561	561	123,397	108,179	3	0	0	0	26
27	2571.62	245,352	123,698	2	541	17	568	861	861	861	123,698	108,480	0	0	0	0	27
28	2571.98	248,051	125,059	2	565	17	582	1,945	1,945	1,945	125,059	109,841	0	0	0	0	28
TOTAL SECOND FOOT DAYS				610	15,751	540	16,291	18,487	18,487	18,487	125,059	109,841	45	0	0	0	0
TOTAL ACRE-FEET				1,210	31,242	1,071	32,313	36,668	36,668	36,668	248,051	217,867	89	0	0	0	0

By: 

Date: March 20, 2006

REPORT OF THE KERN RIVER WATERMASTER

FEBRUARY 2006

Quantities in S.F.D. except where noted

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NORTH KERN WATER STORAGE DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

HACIENDA WATER DISTRICT

DAY	ENTL AT 1ST POINT		FLOW ABOVE 1ST POINT		RESERVOIR STORAGE		ENTL AT 1ST POINT		FLOW ABOVE 1ST POINT		RESERVOIR STORAGE		ENTL AT 1ST POINT		FLOW ABOVE 1ST POINT		RESERVOIR STORAGE		
	607	428	16	17	58,414	0	20	0	0	0	0	9	33,502	0	0	0	0	9	33,502
Previous Day	607	428	16	17	58,414	0	20	0	0	0	0	9	33,502	0	0	0	0	9	33,502
1	613	426	17	15	58,569	0	20	0	0	1	9	33,472	4	16,339	37	4	16,298	1	
2	622	425	17	11	58,738	0	17	0	0	1	6	33,448	3	16,256	37	3	16,256	2	
3	634	443	20	4	58,905	0	12	0	0	1	2	33,433	1	16,222	33	1	16,222	3	
4	652	505	20	22	59,010	0	9	0	0	1	12	33,411	5	16,188	29	5	16,188	4	
5	656	523	19	18	59,106	0	9	0	0	0	9	33,393	4	16,156	28	4	16,156	5	
6	647	517	18	16	59,202	0	10	0	0	0	8	33,375	4	16,120	32	4	16,120	6	
7	619	539	20	10	59,252	0	6	0	0	0	5	33,364	3	16,086	31	3	16,086	7	
8	602	526	18	10	59,300	0	8	0	0	1	5	33,350	3	16,053	30	3	16,053	8	
9	599	504	19	14	59,362	0	8	0	0	1	8	33,333	4	16,016	33	4	16,016	9	
10	598	503	18	19	59,420	0	14	0	0	1	11	33,307	5	15,978	33	5	15,978	10	
11	602	497	20	14	59,491	0	15	0	0	1	7	33,284	3	15,933	42	3	15,933	11	
12	615	513	19	14	59,560	0	15	0	0	1	7	33,261	3	15,898	32	3	15,898	12	
13	631	544	20	14	59,613	0	18	0	0	0	8	33,235	4	15,861	33	4	15,861	13	
14	631	584	19	21	59,620	0	14	0	0	0	11	33,210	5	15,825	31	5	15,825	14	
15	608	597	17	18	59,596	0	42	0	0	0	10	33,158	5	15,792	28	5	15,792	15	
16	596	615	19	12	59,546	0	37	0	0	1	7	33,113	3	15,769	30	3	15,769	16	
17	606	575	19	11	59,547	0	38	0	0	1	5	33,069	2	15,723	34	2	15,723	17	
18	618	530	19	7	59,609	0	32	0	0	0	4	33,033	2	15,681	40	2	15,681	18	
19	592	485	17	4	59,695	0	28	0	0	1	2	33,002	1	15,646	34	1	15,646	19	
20	565	448	19	7	59,786	0	24	0	0	1	4	32,973	2	15,616	28	2	15,616	20	
21	546	443	17	11	59,861	0	36	0	0	0	5	32,932	2	15,575	39	2	15,575	21	
22	561	480	18	11	59,913	0	40	0	0	0	5	32,887	2	15,540	33	2	15,540	22	
23	569	497	22	11	59,962	0	46	0	0	1	5	32,835	2	15,505	33	2	15,505	23	
24	572	496	19	14	59,995	0	44	0	0	0	7	32,784	3	15,471	31	3	15,471	24	
25	566	478	20	15	60,048	0	35	0	0	1	8	32,740	3	15,429	39	3	15,429	25	
26	561	470	20	20	60,099	0	33	0	0	1	10	32,696	5	15,384	40	5	15,384	26	
27	861	491	17	1	60,451	0	17	0	0	0	1	32,678	0	15,351	33	0	15,351	27	
28	1,803	501	17	1	61,735	142	33	0	0	0	1	32,786	31	15,320	31	0	15,320	28	
S.F.D.	18,345	14,155	524	345	61,735	142	660	0	0	16	182	32,786	936	15,320	936	83	15,320	S.F.D.	
AC.FT.	36,386	28,075	1,040	684	122,450	282	1,310	0	0	31	361	65,030	1,857	30,387	1,857	165	30,387	AC.FT.	
TOTAL ACRE-FOOT STORAGE DAYS	3,310,375																		
TOTAL ACRE-FOOT STORAGE DAYS	1,839,791																		
TOTAL ACRE-FOOT STORAGE DAYS	878,046																		

REPORT OF THE KERN RIVER WATERMASTER

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FEBRUARY 2006
WATERMASTER NOTES *** KERN RIVER BULLETIN

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



Kern River one mile above
Borel Road on March 10, 2006

REPORT OF THE KERN RIVER WATERMASTER

MARCH 2006

Quantities in S.F.D. except where noted **PAGE 1 of 5**

DAY	ISABELLA RESERVOIR		LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS		COMPUTED NATURAL FLOW	MEAN STORAGE		KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT		SECOND POINT GROUP FLOW AT 2ND POINT		FRIANT-KERN INFLOW DAY
	ELEVATION (FEET)	MIDNIGHT STORAGE					ACRE-Feet	S.F.D.		1ST POINT FLOW	+1ST POINT REGULATED FLOW		1ST POINT NATURAL FLOW	RECREATION POOL + Dead Storage	IRRIGATION	TOTAL	
Previous Day	2571.98	248,051	125,059	2	585	17	1,945	1,945	1,945	125,059	109,841	0	0	0	0	0	0
1	2572.29	250,385	126,236	21	365	18	1,581	1,581	1,581	126,236	111,018	2	0	0	0	0	0
2	2572.50	251,977	127,038	30	366	19	1,217	1,201	1,201	127,022	111,804	2	0	0	0	0	0
3	2572.69	253,420	127,766	15	407	18	1,168	1,137	1,137	127,719	112,501	1	0	0	0	0	0
4	2572.86	254,714	128,418	9	358	7	1,026	1,061	1,061	128,406	113,188	1	0	0	0	0	0
5	2573.01	255,860	128,996	20	375	15	988	1,006	1,006	129,002	113,784	1	0	0	0	0	0
6	2573.17	257,066	129,614	2	365	18	1,003	1,048	1,048	129,665	114,447	0	0	0	0	0	0
7	2573.37	258,623	130,389	2	355	20	1,152	1,072	1,072	130,360	115,142	0	0	0	0	0	0
8	2573.54	259,932	131,049	15	368	19	1,062	1,068	1,068	131,026	115,808	1	0	0	0	0	0
9	2573.69	261,093	131,634	20	364	20	989	1,009	1,009	131,631	116,413	1	0	0	0	0	0
10	2573.86	262,410	132,298	9	284	19	976	964	964	132,283	117,065	1	0	0	0	0	0
11	2574.02	263,652	132,925	7	276	17	927	918	918	132,901	117,683	0	0	0	0	0	0
12	2574.16	264,744	133,475	2	279	21	852	891	891	133,490	118,272	0	0	0	0	0	0
13	2574.31	265,914	134,065	11	275	18	894	850	850	134,036	118,818	1	0	0	0	0	0
14	2574.42	266,776	134,500	11	338	20	804	887	887	134,554	119,336	1	0	0	0	0	0
15	2574.55	267,794	135,013	29	402	18	962	893	893	134,998	119,780	2	0	0	0	0	0
16	2574.68	268,816	135,528	33	347	19	914	920	920	135,519	120,301	2	0	0	0	0	0
17	2574.81	269,839	136,044	16	331	22	885	891	891	136,041	120,823	1	0	0	0	0	0
18	2574.94	270,866	136,562	9	328	20	875	848	848	136,532	121,314	1	0	0	0	0	0
19	2575.05	271,734	136,999	29	298	20	784	821	821	137,006	121,788	2	0	0	0	0	0
20	2575.14	272,448	137,359	2	422	20	804	803	803	137,365	122,147	0	0	0	0	0	0
21	2575.23	273,162	137,719	2	441	19	822	818	818	137,721	122,503	0	0	0	0	0	0
22	2575.32	273,876	138,079	20	433	15	828	832	832	138,085	122,867	1	0	0	0	0	0
23	2575.40	274,513	138,400	47	456	22	846	851	851	138,411	123,193	3	0	0	0	0	0
24	2575.49	275,230	138,762	34	460	22	878	903	903	138,798	123,580	2	0	0	0	0	0
25	2575.61	276,186	139,244	20	461	21	984	964	964	139,260	124,042	1	0	0	0	0	0
26	2575.75	277,306	139,809	20	422	24	1,031	1,049	1,049	139,843	124,625	1	21	0	0	21	363
27	2575.91	278,588	140,455	32	433	21	1,132	1,098	1,098	140,455	125,237	2	34	0	0	34	521
28	2576.23	281,162	141,753	3	456	23	1,780	1,780	1,780	141,753	126,595	0	29	0	0	29	557
29	2576.59	284,072	143,220	3	557	22	2,049	2,049	2,049	143,220	128,002	0	29	0	0	29	559
30	2576.84	286,103	144,244	28	451	18	1,521	1,521	1,521	144,244	129,026	2	27	0	0	27	620
31	2577.08	288,060	145,230	19	487	18	1,510	1,510	1,510	145,230	130,012	1	23	0	0	23	663
TOTAL SECOND FOOT DAYS				520	11,960	593	33,244	33,244	33,244	145,230	130,012	33	163	0	0	163	3,373
TOTAL ACRE-Feet				1,031	23,722	1,177	24,899	24,899	24,899	288,060	257,876	65	323	0	0	323	6,891

By:  Date: April 26, 2006

MARCH 2006

REPORT OF THE KERN RIVER WATERMASTER

HACIENDA WATER DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

NORTH KERN WATER STORAGE DISTRICT

FLOW ABOVE 1ST PT. CARMEL

DAY	ENTL AT 1ST POINT		FLOW ABOVE 1ST POINT		RESERVOIR STORAGE		ENTL AT 2ND POINT		FLOW VIA CWD		AT 2ND POINT		HACIENDA INC.		RESERVOIR STORAGE		ENTL BY WSD		FLOW TRANS. FOR KCWA		RESERVOIR STORAGE																																															
	POINT	POINT	POINT	POINT	LOSS	STORAGE	AT 2ND POINT	AT 2ND POINT	VIA CWD	VIA CWD	AT 2ND POINT	AT 2ND POINT	INC.	LOSS	STORAGE	NKWSD	BY WSD	LOSS	FOR KCWA	LOSS	STORAGE	DAY																																														
Previous Day	1,803	501	17	142	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,320																																													
1	1,173	275	18	408	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,317																																													
2	914	275	18	287	91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,313																																													
3	871	299	18	266	108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,311																																													
4	819	266	7	242	92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,310																																													
5	781	281	15	225	94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,307																																													
6	810	238	18	238	127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,307																																													
7	826	232	20	246	123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,307																																													
8	824	244	19	244	124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,305																																													
9	783	274	20	226	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,302																																													
10	753	201	19	211	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,301																																													
11	721	201	17	197	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,300																																													
12	703	191	20	188	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,300																																													
13	675	185	18	175	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,299																																													
14	700	236	20	187	102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,298																																													
15	704	288	18	189	114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,295																																													
16	723	246	19	197	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,291																																													
17	703	231	22	188	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,289																																													
18	674	228	20	174	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,288																																													
19	655	211	20	166	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,285																																													
20	643	335	19	160	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,285																																													
21	653	360	19	165	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,285																																													
22	663	341	15	169	92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,283																																													
23	676	364	21	175	92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,278																																													
24	711	376	22	192	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,274																																													
25	753	385	21	211	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,272																																													
26	811	362	23	238	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,270																																													
27	844	367	21	254	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,266																																													
28	1,309	396	23	471	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,266																																													
29	1,489	495	21	560	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,266																																													
30	1,133	384	18	388	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,263																																													
31	1,125	419	18	385	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,261																																													
S.F.D.	25,622	9,186	587	7,622	2,774	0	0	0	0	0	0	0	6	152	37,476	0	0	0	0	0	0	59	15,261	S.F.D.																																												
AC.F.T.	50,820	18,219	1,165	15,118	5,503	0	0	0	0	0	0	0	12	301	74,333	0	0	0	0	0	0	117	30,270	AC.F.T.																																												
TOTAL ACRE-FOOT STORAGE DAYS																						4,294,959	TOTAL ACRE-FOOT STORAGE DAYS																						2,146,087	TOTAL ACRE-FOOT STORAGE DAYS																						940,153

REPORT OF THE KERN RIVER WATERMASTER

MARCH 2006

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH: March

DAY(S): 25-31

PAGE NO.: 1

TITLE OF COLUMN: FRIANT-KERN INFLOW

COMMENT: Includes Friant-Kern Inflow to Kern River Channel on behalf of Kern County Water Agency (6,538 acre-feet) and the North Kern Water Storage District (153 acre-feet).

**SOUTH FORK KERN RIVER Nr. ONYX
2005 WATER YEAR**

Discharge in cubic feet per second

Whole Year Runoff (AcFt) = 202667

DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5	24	17	35	135	234	360	1020	791	176	57	24
2	6	24	18	30	129	233	387	1130	768	168	53	24
3	6	24	19	32	123	234	426	1210	723	163	51	23
4	6	25	19	31	125	238	456	1280	664	156	48	23
5	7	25	19	27	125	260	431	1350	624	146	47	23
6	6	25	18	25	128	261	483	1260	585	138	59	23
7	6	23	22	31	125	264	568	1010	536	131	58	23
8	7	25	23	49	120	282	587	1020	499	125	79	23
9	7	28	25	879	119	313	591	1110	479	120	71	23
10	8	26	24	1230	118	353	533	1110	481	116	59	24
11	8	26	23	1180	122	408	516	936	459	110	53	24
12	8	27	24	388	137	455	590	902	432	103	49	25
13	9	28	26	236	142	488	660	967	407	97	44	26
14	9	26	25	183	138	500	682	1060	390	90	41	25
15	11	25	25	155	140	427	714	1180	381	86	59	25
16	12	24	25	145	140	396	808	1340	361	86	62	25
17	13	23	25	142	148	378	947	1510	348	81	63	25
18	14	22	23	138	243	357	1070	1350	335	77	54	25
19	18	23	24	147	281	356	1120	1410	315	73	48	25
20	52	23	25	176	251	386	1000	1450	294	70	44	34
21	33	23	26	180	338	338	920	1420	278	69	42	67
22	25	21	25	176	412	449	944	1350	261	67	38	70
23	21	19	24	174	334	661	878	1320	248	67	35	57
24	21	18	23	175	294	466	809	1270	238	101	33	47
25	23	20	23	233	276	418	807	1190	229	107	32	43
26	25	22	24	262	256	383	875	1140	223	101	31	39
27	34	23	28	248	241	376	968	1090	209	88	30	47
28	31	26	43	206	236	408	1070	1070	198	76	29	49
29	27	23	46	180	381	381	935	998	191	71	26	50
30	25	18	37	157	353	353	916	903	184	70	25	44
31	24	43	43	137	348	348	825	825	64	64	24	44
TOTAL	507	709	791	7387	5376	11404	22051	36181	12131	3193	1444	1005
MAX DAY	52	28	46	1230	412	661	1120	1510	791	176	79	70
MIN DAY	5	18	17	25	118	233	360	825	184	64	24	23
MEAN	16	24	26	238	192	368	735	1167	404	103	47	34
TOTAL AcFt	1006	1406	1569	14652	10663	22619	43737	71764	24061	6333	2864	1993

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Quantities in S.F.D. except where noted

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DAY	ELEVATION	ISABELLA RESERVOIR		LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT)	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW		FRONT-KERN INFLOW	DAY							
		AT 1ST POINT	MIDNIGHT STORAGE					+1ST POINT REGULATED FLOW	-1ST POINT NATURAL FLOW					KERN RIVER	AT 2ND POINT									
Previous Day	2577.98	289,060	145,230	19	487	18	505	1,510	1,510	1,510	145,230	1	23	0	23	663								
1	2577.30	289,861	146,138	28	465	19	484	1,420	1,420	1,420	130,920	2	23	0	23	624	1							
2	2577.50	291,505	146,967	32	437	16	453	1,314	1,314	1,314	131,749	2	23	0	23	637	2							
3	2577.78	293,811	148,130	19	435	17	452	1,634	1,634	1,634	132,912	1	37	0	37	631	3							
4	2578.62	300,793	151,650	3	406	17	423	3,946	3,946	3,946	136,432	0	70	0	70	758	4							
5	2579.35	308,933	154,745	3	373	7	380	3,478	3,478	3,478	139,527	0	107	0	107	965	5							
6	2579.94	311,944	157,272	7	399	3	402	2,936	2,936	2,936	142,054	0	111	0	111	1,105	6							
7	2580.45	316,310	159,473	51	377	19	396	2,648	2,648	2,631	144,238	3	240	0	240	1,185	7							
8	2580.95	320,621	161,647	56	351	17	368	2,598	2,598	2,537	146,351	3	440	0	440	1,304	8							
9	2581.40	324,527	163,616	42	332	21	353	2,364	2,364	2,430	148,386	2	429	0	429	1,364	9							
10	2581.84	328,370	165,553	27	343	21	364	2,328	2,307	2,307	150,302	1	257	0	257	1,291	10							
11	2582.26	332,060	167,414	3	343	23	366	2,230	2,182	2,182	152,115	0	197	0	197	1,168	11							
12	2582.60	335,064	168,928	65	386	23	409	1,988	2,086	2,086	153,727	3	229	38	38	1,137	12							
13	2582.95	338,172	170,495	57	394	23	417	2,041	2,080	2,080	155,333	3	251	0	251	1,122	13							
14	2583.32	341,471	172,158	10	517	21	538	2,211	2,300	2,300	157,085	0	309	69	69	240	14							
15	2583.76	345,416	174,147	18	620	21	641	2,648	2,458	2,458	158,884	1	471	84	84	387	15							
16	2584.16	349,025	175,987	46	627	22	649	2,515	2,528	2,528	160,717	2	535	75	75	460	16							
17	2584.55	352,559	177,749	64	554	22	576	2,422	2,400	2,400	162,477	3	395	71	324	1,283	17							
18	2584.89	355,657	179,311	67	608	25	633	2,262	2,303	2,303	164,080	3	356	46	310	1,234	18							
19	2585.20	358,494	180,741	65	708	22	730	2,225	2,279	2,279	165,564	3	330	44	286	1,181	19							
20	2585.51	361,339	182,175	70	825	22	847	2,351	2,369	2,369	167,016	3	335	126	209	1,176	20							
21	2585.82	364,199	183,617	73	992	23	1,015	2,530	2,500	2,500	168,428	3	534	220	314	1,176	21							
22	2586.09	366,698	184,877	63	1,271	24	1,295	2,618	2,521	2,521	169,591	3	764	303	461	1,337	22							
23	2586.32	368,834	185,954	16	1,302	21	1,323	2,416	2,517	2,517	170,769	1	671	233	438	1,466	23							
24	2586.55	370,975	187,033	58	1,354	25	1,379	2,516	2,459	2,459	171,791	2	600	298	302	1,272	24							
25	2586.75	372,845	187,976	50	1,429	22	1,451	2,444	2,503	2,503	172,793	2	812	372	440	1,296	25							
26	2586.95	374,716	188,919	47	1,535	24	1,559	2,549	2,498	2,498	173,885	2	899	388	511	1,395	26							
27	2587.14	376,499	189,818	45	1,535	22	1,557	2,501	2,535	2,535	174,618	2	830	384	446	1,436	27							
28	2587.34	378,380	190,767	32	1,550	23	1,573	2,554	2,666	2,666	175,679	1	746	363	383	1,427	28							
29	2587.58	380,644	191,908	77	1,703	22	1,725	2,943	2,813	2,813	176,890	3	569	49	520	1,136	29							
30	2587.79	382,630	192,909	70	2,411	22	2,433	3,504	3,504	3,504	177,691	3	729	237	492	586	30							
TOTAL SECOND FOOT DAYS													1,264	24,582	609	25,191	74,134	192,909	177,691	57	12,299	3,400	8,899	34,432
TOTAL ACRE-FEET													2,507	48,758	1,208	49,966	147,043	392,630	352,446	113	24,394	6,744	17,650	68,296

By:  Date: May 25, 2006

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NORTH KERN WATER STORAGE DISTRICT BUENA VISTA WATER STORAGE DISTRICT HACIENDA WATER DISTRICT

DAY	ENTL AT 1ST		FLOW ABOVE 1ST PT.		ENTL AT 2ND		FLOW ABOVE 1ST PT.		RESERVOIR STORAGE		ENTITLEMENT		FLOW		RESERVOIR STORAGE																																			
	POINT	POINT	POINT	POINT	POINT	POINT	POINT	POINT	LOSS	STORAGE	CONTRIBUTED BY:	TRANS.	FOR	LOSS	STORAGE	DAY																																		
Previous Day	1,125	419	18	77,275	385	68	0	0	0	5	37,476	0	0	2	15,261																																			
1	986	432	18	77,794	354	33	0	0	1	8	37,788	78	2	3	15,338	1																																		
2	919	419	16	78,259	321	18	0	0	0	9	38,082	72	2	4	15,408	2																																		
3	1,119	404	17	78,945	422	31	0	0	0	5	38,468	91	2	2	15,499	3																																		
4	2,377	375	17	80,928	1,345	31	0	0	0	1	39,781	218	6	0	15,723	4																																		
5	2,146	352	7	82,713	1,135	21	0	0	0	1	40,894	192	5	0	15,920	5																																		
6	1,865	388	2	84,184	905	11	0	0	1	2	41,785	162	4	1	16,085	6																																		
7	1,701	364	19	85,471	781	13	0	0	0	15	42,538	145	4	5	16,229	7																																		
8	1,650	345	17	86,725	743	6	0	0	0	16	43,259	140	4	6	16,367	8																																		
9	1,591	323	20	87,947	701	9	0	0	1	12	43,938	134	4	4	16,501	9																																		
10	1,521	335	21	89,096	655	8	0	0	0	8	44,577	128	3	3	16,629	10																																		
11	1,451	338	22	90,185	607	5	0	0	1	1	45,177	121	3	0	16,753	11																																		
12	1,397	342	22	91,179	571	6	0	38	1	19	45,684	115	3	7	16,864	12																																		
13	1,394	345	22	92,172	568	5	44	0	1	17	46,185	115	3	6	16,976	13																																		
14	1,518	408	20	93,256	652	6	34	69	1	3	46,724	127	3	1	17,105	14																																		
15	1,607	502	20	94,330	712	6	28	84	1	5	47,312	135	4	2	17,242	15																																		
16	1,646	516	21	95,412	739	6	30	75	1	14	47,925	139	4	5	17,380	16																																		
17	1,573	451	21	96,475	691	3	29	71	1	19	48,493	133	3	7	17,509	17																																		
18	1,519	517	24	97,413	653	1	44	46	1	20	49,034	128	3	7	17,633	18																																		
19	1,506	617	21	98,242	644	2	45	44	1	19	49,567	126	3	7	17,755	19																																		
20	1,556	647	21	99,088	679	5	47	126	1	21	50,046	131	3	7	17,882	20																																		
21	1,630	722	22	99,930	728	5	45	220	1	22	50,481	138	4	7	18,017	21																																		
22	1,642	921	23	100,590	736	2	45	303	1	19	50,847	139	4	6	18,154	22																																		
23	1,639	1,024	20	101,176	735	2	43	233	1	5	51,298	139	4	2	18,295	23																																		
24	1,608	1,005	24	101,720	712	8	43	298	1	17	51,643	135	4	6	18,428	24																																		
25	1,632	998	21	102,303	729	13	46	372	1	15	51,925	138	4	5	18,565	25																																		
26	1,629	1,089	23	102,792	727	12	46	388	1	14	52,191	138	4	5	18,702	26																																		
27	1,649	1,102	21	103,291	742	7	42	384	1	13	52,486	140	4	5	18,841	27																																		
28	1,720	1,142	22	103,828	795	5	40	363	1	10	52,862	147	4	3	18,989	28																																		
29	1,799	1,658	21	103,902	855	6	39	0	1	23	53,648	155	4	8	19,140	29																																		
30	2,159	2,362	21	103,636	1,146	6	43	0	1	21	54,723	194	5	7	19,332	30																																		
S.F.D.	48,149	20,443	586	103,636	21,783	292	733	3,114	23	374	54,723	4,093	109	131	19,332	S.F.D.																																		
AC.F.T.	95,502	40,549	1,162	1,505	205,569	49,206	578	1,454	6,177	46	742	108,542	8,119	260	38,345	AC.F.T.																																		
TOTAL ACRE-FOOT STORAGE DAYS																5,559,631	TOTAL ACRE-FOOT STORAGE DAYS																2,795,425	TOTAL ACRE-FOOT STORAGE DAYS																1,029,939

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DAY	ISABELLA RESERVOIR		FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT FLOW	CHANGE IN STORAGE-LOSS		COMPUTED NATURAL FLOW	MEAN STORAGE	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW		KERN RIVER INTERTIE								
	ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET				+1ST POINT FLOW	REGULATED FLOW					AT 2ND POINT	KERN RIVER		FRIANT-KERN							
Previous Day	2587.79	382,630	192,909	70	2,411	22	2,433	3,504	192,909	177,691	3	729	237	492	586							
1	2588.03	384,906	194,057	85	2,849	25	2,874	4,107	194,219	179,001	3	655	655	0	0							
2	2588.30	387,475	195,352	82	3,191	26	3,217	4,594	195,357	180,139	3	752	752	0	0							
3	2588.55	389,862	196,556	55	3,326	25	3,351	4,610	196,567	181,349	2	856	649	0	0							
4	2588.69	391,202	197,231	91	3,850	26	3,876	4,642	197,153	181,935	4	1,401	616	0	0							
5	2588.72	391,490	197,376	69	4,165	28	4,193	4,407	197,343	182,125	3	1,646	673	0	0							
6	2588.73	391,586	197,425	77	4,155	26	4,181	4,307	197,447	182,229	3	1,731	686	0	0							
7	2588.75	391,778	197,522	96	4,152	27	4,179	4,372	197,633	182,415	4	1,685	437	0	0							
8	2588.81	392,351	197,810	121	4,268	27	4,295	4,704	197,940	182,722	5	1,684	198	0	0							
9	2588.88	393,023	198,149	72	4,657	25	4,682	5,093	198,203	182,985	3	2,016	348	0	0							
10	2588.98	393,985	198,634	69	4,671	30	4,701	5,255	198,755	193,537	3	2,285	470	0	0							
11	2589.15	395,619	199,458	105	4,663	25	4,688	5,617	199,432	184,214	4	2,386	591	0	0							
12	2589.30	397,064	200,187	116	4,665	29	4,694	5,539	200,249	185,031	4	2,343	568	0	0							
13	2589.49	398,900	201,112	111	4,661	27	4,688	5,724	201,112	185,894	4	2,286	632	0	0							
14	2589.75	401,418	202,382	64	4,663	30	4,693	6,027	202,382	187,164	2	2,262	755	0	0							
15	2590.11	404,916	204,145	73	4,676	25	4,701	6,537	204,145	188,927	3	2,015	501	0	0							
16	2590.40	407,745	205,572	112	4,693	30	4,723	6,262	205,572	190,354	4	2,068	692	0	0							
17	2590.73	410,977	207,201	84	4,389	27	4,416	6,129	207,229	192,011	3	1,787	582	0	0							
18	2591.02	413,825	208,637	90	4,658	30	4,688	6,214	208,689	193,471	3	2,050	632	0	0							
19	2591.33	416,883	210,179	119	4,677	32	4,709	6,370	210,162	194,944	4	2,224	726	0	0							
20	2591.63	419,852	211,675	102	4,689	31	4,720	6,318	211,514	196,296	4	2,364	660	0	0							
21	2591.84	421,936	212,726	63	4,694	26	4,720	5,834	212,640	197,422	2	2,435	679	0	0							
22	2592.00	423,529	213,529	57	4,687	28	4,715	5,575	213,233	198,015	2	2,460	640	0	0							
23	2591.98	423,329	213,428	89	4,667	32	4,699	4,687	213,376	198,158	3	2,255	670	0	0							
24	2591.93	422,831	213,177	100	4,655	28	4,683	4,532	213,154	197,936	4	1,974	621	0	0							
25	2591.86	422,135	212,827	114	4,669	30	4,699	4,463	212,805	197,587	4	1,999	628	0	0							
26	2591.78	421,339	212,425	89	4,682	28	4,710	4,397	212,497	197,279	3	2,266	657	0	0							
27	2591.75	421,043	212,276	54	4,679	29	4,708	4,613	212,100	196,892	2	2,312	651	0	0							
28	2591.61	419,653	211,575	74	4,682	29	4,711	4,084	211,446	196,228	3	2,374	598	0	0							
29	2591.39	417,476	210,478	91	4,672	30	4,702	3,696	210,447	195,229	3	2,262	471	0	0							
30	2591.15	415,107	209,283	108	4,660	30	4,690	3,603	209,283	194,065	4	2,231	441	0	0							
31	2590.93	412,941	208,191	105	4,638	31	4,669	3,682	208,191	192,973	4	2,166	453	0	0							
TOTAL SECOND FOOT DAYS											2,737	137,103	872	137,975	155,994	102	61,210	18,322	0	12,168	30,720	12,168
TOTAL ACRE-FEET											5,429	271,940	1,729	273,669	309,409	202	121,408	36,941	0	24,135	60,932	24,135

By: *AD*

Date: June 30, 2006

REPORT OF THE KERN RIVER WATERMASTER

MAY 2006

Quantities in S.F.D. except where noted

NORTH KERN WATER STORAGE DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

HACIENDA WATER DISTRICT

DAY	FLOW ABOVE 1ST POINT		ENTL AT 1ST POINT		RESERVOIR STORAGE		ENTL AT 2ND POINT		FLOW VIA AT 1ST POINT		FLOW ABOVE 1ST PT. CARMEL		RESERVOIR STORAGE		ENTLMENT Contributed by:		FLOW AT 1ST POINT		RESERVOIR STORAGE								
	ENTL AT 1ST POINT	FLOW ABOVE 1ST POINT	RESERVOIR STORAGE	ENTL AT 2ND POINT	AT 1ST POINT	VIA AT 1ST POINT	AT 2ND POINT	INC.	HACIENDA	AT 1ST POINT	REBWS POINT	AT 2ND POINT	La	LOSS	STORAGE	MKWS	BVWS	FOR KCWA	AT 1ST POINT	LOSS	STORAGE	DAY					
Previous Day	2,159	2,362	42	1,146	0	43	0	1	21	54,723	194	5	7	19,332													
1	2,345	2,816	50	1,438	0	33	0	2	26	56,100	420	66	9	19,809													
2	2,417	3,145	47	1,515	0	46	0	2	26	57,541	436	69	9	20,305													
3	2,491	2,237	32	1,599	1,025	64	0	2	17	58,032	455	71	6	20,825													
4	2,465	2,499	52	1,569	1,305	46	0	2	29	58,219	448	71	10	21,334													
5	2,422	2,727	39	1,523	1,395	43	0	2	22	58,280	438	69	8	21,833													
6	2,384	2,733	44	1,481	1,374	48	0	2	24	58,313	429	68	9	22,321													
7	2,426	2,717	55	1,527	1,385	50	0	2	30	58,373	439	69	11	22,818													
8	2,537	2,758	68	1,648	1,456	54	0	2	38	58,471	465	73	15	23,341													
9	2,663	2,983	40	1,783	1,613	61	0	2	23	58,555	493	78	9	23,903													
10	2,791	2,947	38	1,925	1,671	53	0	2	22	58,732	524	82	9	24,500													
11	2,855	2,922	59	1,992	1,684	57	0	2	33	58,948	538	85	13	25,110													
12	2,921	2,901	64	2,065	1,708	56	0	2	37	59,210	554	87	15	25,736													
13	2,936	2,894	61	2,081	1,711	56	0	3	35	59,486	557	88	15	26,366													
14	3,091	2,841	35	2,250	1,754	68	0	2	20	59,892	593	93	9	27,043													
15	3,307	2,780	40	2,486	1,826	70	0	2	23	60,457	643	101	10	27,777													
16	3,191	2,829	60	2,358	1,793	71	0	2	36	60,913	616	97	16	28,474													
17	3,146	2,639	45	2,310	1,666	84	0	2	27	61,444	606	95	12	29,163													
18	3,180	2,808	48	2,348	1,769	81	0	2	29	61,911	614	96	13	29,860													
19	3,207	2,812	63	2,376	1,780	85	0	2	38	62,382	620	98	18	30,560													
20	3,153	2,838	55	2,318	1,764	87	0	2	32	62,815	608	95	15	31,248													
21	3,040	2,880	33	2,196	1,731	83	0	2	20	63,175	582	91	10	31,911													
22	2,810	2,953	30	2,137	1,645	89	0	2	18	63,365	528	83	9	32,513													
23	2,625	2,999	47	1,744	1,575	93	0	2	28	63,411	486	76	14	33,061													
24	2,469	3,045	52	1,573	1,515	95	0	2	32	63,340	448	71	16	33,564													
25	2,428	3,067	59	1,528	1,516	86	0	2	36	63,228	439	69	19	34,053													
26	2,439	3,073	46	1,541	1,537	72	0	3	28	63,129	442	69	15	34,549													
27	2,386	3,089	28	1,482	1,511	79	0	2	17	63,002	429	68	9	35,037													
28	2,287	3,124	38	1,374	1,486	72	0	2	23	62,793	406	64	13	35,494													
29	2,139	3,160	46	1,223	1,428	84	0	2	29	62,473	373	59	16	35,910													
30	2,066	3,171	55	1,154	1,399	90	0	3	34	62,101	358	56	19	36,305													
31	2,088	3,148	53	1,175	1,400	90	0	2	33	61,751	362	57	19	36,705													
S.F.D.	82,705	89,585	807	55,826	45,422	2,146	0	65	865	61,751	15,349	2,414	390	36,705													
AC.F.T.	164,043	177,590	1,601	110,134	90,093	4,257	0	128	1,716	122,482	30,444	4,788	774	72,803													
TOTAL ACRE-FOOT STORAGE DAYS	6,182,966																					TOTAL ACRE-FOOT STORAGE DAYS	3,728,610		TOTAL ACRE-FOOT STORAGE DAYS	1,748,286	

MAY 2006

WATERMASTER NOTES *** KERN RIVER BULLETIN

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

May 10-31 1 1 FRIANT-KERN INFLOW

Reflects Friant-Kern Inflow to Kern River Channel as a result of J.G. Boswell Company Kaweah River and Kings River pump-in operations.

May 1-31 1 1 FIRST POINT REGULATED FLOW

U.S. Army Corps of Engineers Mandatory Release.

KERN RIVER
MAY CONTRIBUTION TO
THE APRIL - JULY RUNOFF
1894 TO DATE

In Order of Magnitude

Rank	Year	May Runoff (AcFt)	April-July Runoff (AcFt)	April-July % of Average	May Runoff (AcFt)	April-July Runoff (AcFt)	April-July % of Average	May Runoff (AcFt)	April-July Runoff (AcFt)	April-July % of Average
1	2001	124,417	250,292	49.71%	58,350	162,043	35%	69,544	224,785	48%
2	1924	41,722	92,566	45.06%	45,965	127,720	27%	210,676	685,012	147%
3	1947	110,325	249,572	53%	86,108	239,980	51%	71,849	234,430	50%
4	1876	47,151	108,754	23%	113,205	316,646	68%	39,945	130,585	28%
5	1897	281,639	654,262	140%	75,108	211,408	45%	79,418	260,894	56%
6	1931	41,867	98,062	21%	87,991	248,319	55%	159,683	525,641	112%
7	1926	98,598	232,782	50%	184,721	521,717	112%	472,994	1,571,587	336%
8	2000	129,406	306,496	66%	617,968	1,747,874	374%	103,787	350,647	75%
9	1992	74,394	179,153	38%	78,343	222,002	48%	165,062	560,304	120%
10	1937	352,050	852,047	182%	67,224	191,004	41%	199,950	678,748	145%
11	2006	309,409	750,000	160%	113,472	325,076	70%	154,742	526,432	113%
12	1919	140,215	342,987	73%	73,561	211,722	45%	269,631	924,005	198%
13	1949	84,508	209,911	45%	66,295	196,888	42%	67,851	232,582	50%
14	1973	288,652	723,768	155%	58,336	168,472	36%	287,825	991,025	212%
15	1946	155,476	390,747	84%	146,799	424,293	91%	137,839	476,579	102%
16	1928	76,885	193,702	41%	110,067	319,408	68%	131,980	456,668	98%
17	1954	139,719	354,117	76%	205,509	597,350	128%	79,763	276,543	59%
18	1979	164,935	419,859	90%	92,253	268,269	57%	160,036	522,905	112%
19	1922	242,259	617,710	132%	200,864	584,691	125%	109,904	389,596	83%
20	1929	85,995	219,532	47%	183,733	535,166	115%	255,046	929,221	199%
21	1941	386,666	995,657	213%	29,980	87,374	19%	124,506	455,242	97%
22	1952	434,769	1,119,815	240%	38,600	113,344	24%	66,635	244,475	52%
23	1895	268,635	694,729	149%	61,521	182,928	39%	79,355	292,346	63%
24	1940	196,465	510,614	109%	98,801	295,400	63%	308,440	1,137,373	243%
25	1984	161,613	423,132	91%	45,213	135,303	29%	25,630	95,649	20%
26	1958	161,613	423,132	91%	363,157	1,094,375	234%	135,884	515,474	110%
27	1975	147,001	386,180	83%	132,097	398,989	85%	184,481	701,168	150%
28	1936	219,404	581,624	124%	293,335	886,674	190%	86,019	329,570	71%
29	1996	225,987	599,331	128%	98,483	299,906	64%	360,234	1,391,636	298%
30	1999	95,199	292,627	54%	315,044	961,769	208%	51,353	213,710	46%
31	1997	214,290	571,476	122%	102,016	313,113	67%	78,722	334,816	72%
32	1966	82,336	219,893	47%	69,991	215,307	46%	86,174	372,922	80%
33	1934	43,065	116,145	25%	85,039	261,884	56%	60,026	299,594	64%
34	1944	150,109	405,991	87%	117,748	366,396	78%			
35	2002	158,904	430,813	92%	185,446	582,041	125%			
36	2005	288,847	788,500	169%	254,985	796,794	171%			
37	1943	254,785	697,182	149%	80,471	251,812	54%			
38	1981	91,814	252,681	54%	382,617	1,218,975	261%			
39	1923	120,849	332,532	71%	100,086	321,325	69%			
40	1910	127,733	352,126	75%	478,625	1,546,810	331%			

REPORT OF THE KERN RIVER WATERMASTER

JUNE 2006

Quantities in S.F.D. except where noted

PAGE 1 of 5

DAY	ELEVATION (FEET)	ISABELLA RESERVOIR		FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE		KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT		SECOND POINT GROUP FLOW AT 2ND POINT		FRIANT-KERN INTERTIE		DAY	
		MIDNIGHT STORAGE	LOSS S.F.D.				REGULATED FLOW	+1ST POINT REGULATED FLOW		TOTAL IRRIGATION	RECREATION POOL LOSS		POINT	POINT	KERN RIVER	FRIANT-KERN	RIVER	KERN		RIVER
Previous Day	2590.93	412,941	208,191	4,638	31	4,669	3,682	3,682	3,682	208,191	182,973	4	2,166	453	0	844	844	844	844	
1	2590.79	411,564	207,497	4,660	33	4,693	4,076	4,239	4,239	207,660	192,442	3	2,066	549	0	773	744	773	773	1
2	2590.74	411,075	207,250	4,645	34	4,679	4,566	4,463	4,463	207,310	192,092	5	1,764	598	0	584	582	584	584	2
3	2590.73	410,977	207,201	4,644	34	4,678	4,747	4,878	4,878	207,392	192,174	4	1,494	647	0	321	526	321	321	3
4	2590.83	411,957	207,695	4,655	35	4,690	5,321	5,130	5,130	207,695	192,477	5	1,391	710	0	82	599	82	599	4
5	2591.00	413,630	208,539	4,663	32	4,695	5,667	5,667	5,667	208,539	193,321	5	1,423	880	0	0	543	0	543	5
6	2591.19	415,502	209,482	4,688	33	4,701	5,748	5,748	5,748	209,482	194,264	4	1,514	1,026	0	149	339	149	339	6
7	2591.32	416,784	210,129	4,665	33	4,688	5,482	5,482	5,482	210,129	194,911	5	1,434	1,057	0	83	294	83	294	7
8	2591.34	416,982	210,229	4,659	34	4,693	4,916	4,840	4,840	210,153	194,935	4	1,391	1,079	0	9	303	9	303	8
9	2591.32	416,784	210,129	4,656	34	4,690	4,699	4,706	4,706	210,070	194,852	4	1,483	1,130	0	0	353	0	353	9
10	2591.25	416,191	209,630	4,649	36	4,685	4,512	4,484	4,484	209,743	194,525	5	1,501	1,155	0	0	346	0	346	10
11	2591.16	415,206	209,333	4,641	31	4,672	4,250	4,348	4,348	209,344	194,126	3	1,402	1,111	0	0	291	0	291	11
12	2591.06	414,219	208,836	4,636	34	4,670	4,283	4,034	4,034	208,598	193,380	4	1,300	1,086	0	0	214	0	214	12
13	2590.82	411,859	207,846	4,621	32	4,653	3,570	3,769	3,769	207,607	192,389	4	1,267	1,127	0	0	140	0	140	13
14	2590.55	409,212	206,311	4,615	34	4,649	3,454	3,362	3,362	206,180	190,962	5	1,255	1,200	0	0	55	0	55	14
15	2590.21	405,891	204,637	4,617	37	4,654	3,063	3,226	3,226	204,669	189,451	3	1,291	1,236	0	0	55	0	55	15
16	2589.89	402,776	203,066	4,617	34	4,651	3,160	3,239	3,239	203,177	187,959	3	1,416	1,274	0	0	142	0	142	16
17	2589.63	400,254	201,795	4,607	37	4,644	3,493	3,428	3,428	201,841	186,623	5	1,449	1,226	0	0	223	0	223	17
18	2589.39	397,933	200,625	4,607	36	4,643	3,631	3,645	3,645	200,685	185,467	6	1,347	1,072	0	0	275	0	275	18
19	2589.21	396,198	199,750	4,478	36	4,514	3,811	3,616	3,616	199,615	184,397	7	1,231	971	0	0	260	0	260	19
20	2589.00	394,177	198,731	4,287	36	4,323	3,406	3,539	3,539	198,729	183,511	4	1,193	1,072	0	113	8	113	8	20
21	2588.79	392,159	197,714	4,252	35	4,287	3,401	3,380	3,380	197,691	182,473	5	1,155	906	249	249	0	0	0	21
22	2588.56	389,957	196,603	4,275	38	4,313	3,332	3,341	3,341	196,589	181,371	5	1,049	931	118	118	0	0	0	22
23	2588.32	387,666	195,448	4,266	33	4,299	3,291	3,317	3,317	195,460	180,242	6	990	926	64	64	0	0	0	23
24	2588.09	385,477	194,345	4,259	38	4,297	3,327	3,334	3,334	194,364	179,146	5	1,005	905	100	100	0	0	0	24
25	2587.94	384,053	193,627	3,997	38	4,035	3,383	3,259	3,259	193,522	178,304	3	810	801	9	9	0	0	0	25
26	2587.96	383,294	193,244	3,923	36	3,959	3,068	3,204	3,204	193,275	178,057	4	591	591	0	0	0	0	0	26
27	2587.81	382,819	193,005	3,253	44	3,297	3,161	3,063	3,063	192,938	177,720	4	582	582	0	0	0	0	0	27
28	2587.77	382,440	192,814	3,011	40	3,051	2,960	2,999	2,999	192,786	177,568	4	490	490	0	0	0	0	0	28
29	2587.71	381,874	192,528	3,004	41	3,045	2,876	2,904	2,904	192,528	177,310	5	387	387	0	0	0	0	0	29
30	2587.56	380,455	191,813	3,103	45	3,148	2,585	2,585	2,585	191,813	176,595	6	421	421	0	0	0	0	0	30
TOTAL SECOND FOOT DAYS		3,501	129,033	1,073	130,106	117,229	117,229	117,229	117,229	191,813	176,595	135	36,092	27,146	540	2,654	6,292	2,114	6,292	2,114
TOTAL ACRE-FEET		6,944	255,933	2,128	258,061	232,520	232,520	232,520	232,520	380,455	350,271	268	71,587	53,843	1,071	5,265	12,479	4,194	12,479	4,194

By: *[Signature]*

Date: July 26, 2006

JUNE 2006

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
June	1-25	1	FRIANT-KERN INFLOW	Reflects Friant-Kern Inflow to Kern River Channel as a result of J.G. Boswell Company Kaweah River and Kings River pump-in operations (3,970 acre-feet) and Friant Dam flood release operations (1,295 acre-feet).
June	1-25	1	FIRST POINT REGULATED FLOW	U.S. Army Corps of Engineers Mandatory Release.
June	26-30	2	HACIENDA WD VIA CWD	Delivered as per terms of HACIENDA WATER DISTRICT (Kern County Water Agency)/Cawelo Water District Lower River/State Water Project Exchange Agreement dated October 4, 2005.

ISABELLA DAM & RESERVOIR
 PRECIPITATION DATA
 Maximum 24-Hour Rainfall in Inches with Year of Most Recent Occurrence
 October 1, 1949 to Date

	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	Max.
Jan. Year	1.50	1.26	1.10	2.21	1.10	1.39	0.61	0.74	2.58	1.50	1.45	1.46	0.85	1.10	1.05	2.40	1.19	0.68	1.52	1.34	1.08	0.80	1.63	1.02	2.15	1.95	1.15	0.45	0.86	1.45	0.56	2.58
Feb.	3.40	0.57	1.07	0.48	0.89	2.04	1.35	1.43	2.02	2.24	0.96	1.58	1.21	2.05	1.89	0.69	1.31	0.85	2.13	1.10	1.05	0.73	1.71	1.13	1.65	0.98	0.95	0.82	0.27			3.40
Mar.	1.50	1.30	0.75	1.72	0.70	0.58	0.58	1.29	0.66	1.19	0.69	0.95	0.51	0.88	0.61	0.84	1.05	0.58	0.34	0.93	0.54	1.10	0.80	1.02	0.87	1.13	0.46	1.09	0.39	0.57	0.57	1.72
Apr.	0.38	1.45	0.72	0.89	0.49	0.43	0.57	0.43	0.30	0.62	0.67	0.60	0.65	0.32	0.35	0.68	0.51	0.54	0.55	0.57	0.35	0.49	0.14	0.33	0.45	0.30	0.56	0.87	0.50	0.88	1.45	
May	0.44	0.11	0.33	0.36	0.49	0.33	0.15	0.33	0.62	0.41	0.19	0.48	0.23	0.09	0.15	0.02	0.06	0.04	0.75	0.26	0.25	0.05	0.16	0.07	0.10	0.75	0.41	0.14	0.10	0.00	0.00	0.75
Jun.	0.21	0.00	0.00	0.37	0.25	0.02	0.41	0.50	0.39	0.09	0.28	0.24	0.20	0.00	0.39	0.04	0.30	0.01	0.04	0.03	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.50
Jul.	0.00	0.00	0.00	0.02	0.21	0.21	0.00	0.00	0.00	0.23	0.00	0.00	0.45	0.03	0.42	0.88	0.05	0.00	0.00	1.56	0.10	0.30	0.28	0.00	0.12	0.78	0.25	0.03	0.02	0.23	0.31	1.56
Aug.	0.58	0.80	0.00	0.00	0.00	0.06	0.14	1.01	0.00	0.35	0.20	0.48	0.05	0.02	0.83	0.09	0.25	0.62	0.41	0.20	0.24	0.11	0.16	0.54	0.13	0.08	0.01	0.10	0.24	0.00	0.01	1.01
Sep.	0.62	0.18	0.45	0.37	0.07	1.25	0.15	0.29	0.06	0.15	1.18	0.25	0.09	0.00	0.00	0.53	0.08	0.20	0.86	0.33	0.17	0.34	0.04	0.20	0.20	0.55	0.27	0.03	0.10	0.98	3.09	
Oct.	0.45	0.42	0.23	0.15	0.30	0.12	0.15	0.69	0.22	0.32	0.22	0.01	0.02	0.27	0.22	0.82	0.96	0.87	1.13	0.73	0.15	0.04	0.21	0.14	0.35	0.72	0.22	0.29	0.84	0.57	0.36	1.13
Nov.	0.03	0.10	0.39	0.45	0.18	0.52	2.63	2.50	0.50	0.70	0.77	0.90	0.32	1.05	1.14	0.61	1.27	0.63	0.46	2.85	1.17	0.85	0.46	1.51	1.00	1.48	0.51	0.52	0.80	1.72		2.85
Dec.	1.54	2.38	0.26	2.62	5.20	2.53	0.79	0.40	1.02	1.57	0.72	0.99	0.61	0.56	0.73	1.35	0.77	0.57	0.73	0.71	0.60	1.47	0.52	1.15	1.14	1.68	0.77	1.72	0.90	1.56	5.20	
	1982	2005	1951	1966	1966	1986	1955	1949	1952	1996	1983	1951	1971	1993	1984	2002	1977	1977	1949	1988	1970	1982	1955	1988	1983	1984	1964	1977	1965	1965	1951	1986

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Quantities in S.F.D. except where noted

DAY	ELEVATION (FEET)	ISABELLA RESERVOIR		FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE		KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW		PRIANT-KERN INFLOW	DAY
		MIDNIGHT STORAGE	LOSS				REGULATED FLOW	REGULATED FLOW		Recreation Pool + Dead Storage	TOTAL IRRIGATION			KERN FRIANT-KERN	RIVER KERN		
Previous Day	2587.56	380,455	191,813	152	3,103	3,148	2,585	2,585	191,813	176,595	6	421	421	0	0	0	0
1	2587.38	378,757	190,957	140	3,282	3,324	2,608	2,608	190,961	175,743	6	587	587	0	0	0	1
2	2587.18	376,875	190,008	140	3,389	3,429	2,620	2,620	189,903	174,685	6	649	649	0	0	0	2
3	2586.90	374,247	188,683	109	3,482	3,520	2,304	2,304	188,665	173,447	5	663	663	0	0	0	3
4	2586.60	371,442	187,269	145	3,476	3,518	2,249	2,249	187,292	172,074	6	653	653	0	0	0	4
5	2586.31	368,740	185,907	162	3,473	3,518	2,318	2,318	185,886	170,668	7	667	667	0	0	0	5
6	2586.03	366,141	184,596	129	3,396	3,438	2,256	2,256	184,543	169,325	5	540	540	0	0	0	6
7	2585.78	363,829	183,431	131	3,089	3,133	2,099	2,099	183,356	168,138	6	347	347	0	0	0	7
8	2585.51	361,339	182,175	137	2,952	2,995	1,876	1,876	182,244	167,026	6	346	346	0	0	0	8
9	2585.31	359,410	181,203	139	2,876	2,918	2,085	2,085	181,237	166,019	6	305	305	0	0	0	9
10	2585.17	358,219	180,602	118	2,638	2,673	2,190	2,034	180,480	165,262	5	228	228	0	0	0	10
11	2584.98	356,480	179,725	159	2,506	2,544	1,826	1,826	179,712	164,494	7	192	192	0	0	0	11
12	2584.81	354,927	178,942	165	2,370	2,406	1,788	1,788	178,895	163,677	7	194	194	0	0	0	12
13	2584.62	353,197	178,070	156	2,327	2,365	1,649	1,649	178,032	162,814	7	170	170	0	0	0	13
14	2584.42	351,380	177,154	144	2,265	2,308	1,536	1,536	177,130	161,912	7	197	197	0	0	0	14
15	2584.21	349,477	176,195	143	2,238	2,281	1,465	1,465	176,198	160,980	6	204	204	0	0	0	15
16	2584.00	347,580	175,238	152	2,241	2,279	1,474	1,448	175,215	159,997	7	174	174	0	0	0	16
17	2583.78	345,596	174,238	143	2,224	2,263	1,406	1,468	174,277	159,059	7	155	155	0	0	0	17
18	2583.58	343,799	173,332	131	2,263	2,300	1,525	1,473	173,319	158,101	6	158	158	0	0	0	18
19	2583.37	341,918	172,384	118	2,282	2,319	1,489	1,514	172,396	157,178	6	163	163	0	0	0	19
20	2583.19	340,310	171,573	72	2,230	2,267	1,528	1,578	171,635	156,417	3	161	161	0	0	0	20
21	2583.07	339,239	171,033	61	2,159	2,195	1,716	1,666	171,045	155,827	3	176	176	0	0	0	21
22	2582.98	338,439	170,630	69	2,047	2,089	1,755	1,668	170,555	155,337	3	158	158	0	0	0	22
23	2582.83	337,104	169,957	103	2,061	2,103	1,533	1,592	169,941	154,723	5	137	137	0	0	0	23
24	2582.64	335,419	169,107	129	2,174	2,209	1,488	1,508	169,111	153,893	6	143	143	0	0	0	24
25	2582.43	333,561	168,170	154	2,251	2,286	1,503	1,473	168,144	152,926	7	149	149	0	0	0	25
26	2582.19	331,445	167,104	140	2,317	2,354	1,428	1,393	167,043	151,825	7	167	167	0	0	0	26
27	2581.91	328,984	165,863	173	2,279	2,316	1,248	1,381	165,935	150,717	9	174	174	0	0	0	27
28	2581.71	327,233	164,980	172	2,140	2,177	1,466	1,326	164,912	149,694	9	175	175	0	0	0	28
29	2581.52	325,572	164,143	113	1,947	1,988	1,264	1,267	164,078	148,860	6	185	185	0	0	0	29
30	2581.27	323,395	163,045	129	1,998	2,040	1,071	1,136	163,045	147,827	7	180	180	0	0	0	30
31	2581.02	321,225	161,951	140	1,973	2,014	1,060	1,060	161,951	146,733	7	177	177	0	0	0	31
TOTAL SECOND FOOT DAYS				4,116	78,345	79,569	53,823	53,823	161,951	146,733	190	8,574	8,574	0	0	0	
TOTAL ACRE-FEET				8,164	155,395	157,823	106,756	106,756	321,225	291,041	377	17,007	17,007	0	0	0	

By: *APD*

Date: August 29, 2006

REPORT OF THE KERN RIVER WATERMASTER

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Quantities in S.F.D. except where noted

NORTH KERN WATER STORAGE DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

HACIENDA WATER DISTRICT

DAY	FLOW ABOVE			ENT'L			RESERVOIR			LOSS			ENT'L			RESERVOIR			LOSS			ENT'L			RESERVOIR			LOSS							
	AT 1ST POINT	FLOW	AT 1ST POINT	AT 2ND POINT	RESERVOIR STORAGE	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT	AT 2ND POINT						
Previous Day	1,514	1,875	42	74	84,484	710	109	159	421	3	49	57,246	305	56	199	0	340	29	34,865	29	34,865	29	34,865	29	34,865	29	34,865	29	34,865						
1	1,412	2,034	39	69	83,764	683	115	151	587	3	45	59,990	423	94	0	0	395	26	31,999	26	31,999	26	31,999	26	31,999	26	31,999	26	31,999						
2	1,369	2,004	37	69	83,013	645	109	140	649	3	47	59,687	406	91	0	0	487	24	31,985	24	31,985	24	31,985	24	31,985	24	31,985	24	31,985						
3	1,314	2,098	35	53	82,141	604	112	139	663	3	37	59,337	387	86	0	0	470	19	31,969	19	31,969	19	31,969	19	31,969	19	31,969	19	31,969						
4	1,268	2,117	39	70	81,183	569	114	135	653	3	49	58,952	370	83	0	0	457	26	31,939	26	31,939	26	31,939	26	31,939	26	31,939	26	31,939						
5	1,261	2,106	42	78	80,218	563	107	138	667	3	55	58,545	368	82	0	0	455	29	31,905	29	31,905	29	31,905	29	31,905	29	31,905	29	31,905						
6	1,238	2,134	39	62	79,221	546	122	145	540	3	44	58,237	360	80	0	0	455	23	31,867	23	31,867	23	31,867	23	31,867	23	31,867	23	31,867						
7	1,171	2,076	41	63	78,212	495	99	140	347	3	44	58,099	336	75	0	0	427	24	31,827	24	31,827	24	31,827	24	31,827	24	31,827	24	31,827						
8	1,145	1,964	40	65	77,288	475	86	141	346	3	47	57,951	327	73	0	0	415	25	31,787	25	31,787	25	31,787	25	31,787	25	31,787	25	31,787						
9	1,159	1,947	39	66	76,395	486	81	140	305	3	48	57,860	331	74	0	0	403	25	31,764	25	31,764	25	31,764	25	31,764	25	31,764	25	31,764						
10	1,151	1,838	32	55	75,621	481	145	263	228	3	41	57,661	329	73	0	0	164	22	31,980	22	31,980	22	31,980	22	31,980	22	31,980	22	31,980						
11	1,102	1,848	35	75	74,765	450	178	267	192	3	55	57,416	313	70	0	0	21	29	32,313	29	32,313	29	32,313	29	32,313	29	32,313	29	32,313						
12	1,007	1,783	33	77	73,879	400	130	241	194	3	57	57,191	284	63	0	0	22	31	32,607	31	32,607	31	32,607	31	32,607	31	32,607	31	32,607						
13	958	1,768	35	72	72,972	372	148	220	170	3	54	56,968	268	60	0	0	31	30	32,874	30	32,874	30	32,874	30	32,874	30	32,874	30	32,874						
14	901	1,709	40	66	72,058	342	154	179	197	3	50	56,727	251	56	0	0	26	28	33,127	28	33,127	28	33,127	28	33,127	28	33,127	28	33,127						
15	872	1,672	40	66	71,152	325	150	183	204	3	49	56,463	241	54	0	0	29	28	33,365	28	33,365	28	33,365	28	33,365	28	33,365	28	33,365						
16	849	1,735	35	69	70,162	313	120	182	174	3	53	56,244	234	52	0	0	30	30	33,591	30	33,591	30	33,591	30	33,591	30	33,591	30	33,591						
17	859	1,693	36	64	69,228	319	174	181	155	3	50	56,000	237	53	0	0	21	29	33,831	29	33,831	29	33,831	29	33,831	29	33,831	29	33,831						
18	862	1,717	34	58	68,281	320	187	179	158	3	46	55,747	238	53	0	0	22	27	34,073	27	34,073	27	34,073	27	34,073	27	34,073	27	34,073						
19	883	1,695	34	53	67,382	331	225	179	163	3	41	55,467	245	55	0	0	20	24	34,329	24	34,329	24	34,329	24	34,329	24	34,329	24	34,329						
20	916	1,654	34	32	66,578	350	178	198	161	3	25	55,252	255	57	21	0	18	15	34,587	15	34,587	15	34,587	15	34,587	15	34,587	15	34,587						
21	961	1,583	33	27	65,896	375	155	193	176	3	21	55,079	270	60	47	0	5	13	34,852	13	34,852	13	34,852	13	34,852	13	34,852	13	34,852						
22	963	1,542	39	30	65,248	375	94	195	158	3	24	54,980	270	60	38	0	20	15	35,109	15	35,109	15	35,109	15	35,109	15	35,109	15	35,109						
23	923	1,581	39	45	64,506	354	100	181	137	3	36	54,877	258	57	39	0	23	22	35,340	22	35,340	22	35,340	22	35,340	22	35,340	22	35,340						
24	880	1,668	32	56	63,630	330	67	172	143	3	45	54,777	244	54	39	61	24	28	35,486	24	35,486	24	35,486	24	35,486	24	35,486	24	35,486						
25	862	1,684	32	66	62,700	320	73	191	149	3	54	54,627	238	53	34	59	51	34	35,589	25	35,589	25	35,589	25	35,589	25	35,589	25	35,589						
26	819	1,748	34	60	61,677	298	64	199	167	3	49	54,443	226	50	30	56	53	31	35,705	31	35,705	31	35,705	31	35,705	31	35,705	31	35,705						
27	814	1,738	34	73	60,646	294	46	220	174	3	61	54,233	223	50	44	57	0	39	35,838	27	35,838	27	35,838	27	35,838	27	35,838	27	35,838						
28	786	1,625	34	72	59,701	278	41	197	175	3	61	54,034	214	48	29	73	0	39	35,959	28	35,959	28	35,959	28	35,959	28	35,959	28	35,959						
29	753	1,416	38	47	58,953	265	52	201	185	3	40	53,816	206	45	36	57	0	26	36,091	29	36,091	29	36,091	29	36,091	29	36,091	29	36,091						
30	686	1,493	39	53	58,054	225	49	192	180	3	46	53,571	184	41	29	55	0	30	36,202	30	36,202	30	36,202	30	36,202	30	36,202	30	36,202						
31	646	1,492	38	57	57,113	204	40	177	177	3	50	53,328	172	38	31	56	0	33	36,292	31	36,292	31	36,292	31	36,292	31	36,292	31	36,292						
S.F.D.	30,790	55,162	1,131	1,868	57,113	12,385	3,515	5,659	8,574	93	1,424	53,328	8,708	1,940	417	474	4,544	824	36,292	S.F.D.	36,292	S.F.D.	36,292	S.F.D.	36,292	S.F.D.	36,292	S.F.D.	36,292						
AC.F.T.	61,072	109,413	2,243	3,706	113,283	24,565	6,972	11,224	17,007	185	2,824	105,774	17,271	3,848	827	940	9,012	1,634	71,984	AC.F.T.	71,984	AC.F.T.	71,984	AC.F.T.	71,984	AC.F.T.	71,984	AC.F.T.	71,984						
TOTAL ACRE-FOOT STORAGE DAYS												TOTAL ACRE-FOOT STORAGE DAYS												TOTAL ACRE-FOOT STORAGE DAYS											
4,327,192												3,466,231												2,075,090											

JULY 2006

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
July	1	2	HWD RESERVOIR STORAGE	Reflects transfer of 2,962 s.i.d. (6.875 acre-feet) from HACIENDA WATER DISTRICT to BUENA VISTA WATER STORAGE DISTRICT as per terms of Kern County Water Agency/Buena Vista WSD letter agreement dated September 12, 2005.
July	15-31	2	BWSD VIA/FOR RRBWSD	Includes 233 s.i.d. (462 acre-feet) of water delivered pursuant to terms of BUENA VISTA WATER STORAGE DISTRICT/Rosedale-Rio Bravo WSD Kern River Purchase Agreement dated July 24, 2006.
July	24	2	HACIENDA WD VIA KDWD	Delivered as per terms of HACIENDA WATER DISTRICT (Kern County Water Agency)/Kern Delta Water District Lower River/State Water Project Exchange Agreement dated October 4, 2005.

KERN RIVER NATURAL FLOW
FIRST POINT OF MEASUREMENT

APRIL - JULY
1894 TO DATE

In order of Magnitude

YEAR	Quantities in acre-feet												AVERAGE	% OF
	APR	MAY	JUN	JUL	TOTAL	APR	MAY	JUN	JUL	TOTAL	APR	MAY		
1891	24,137	29,990	24,305	8,952	87,374	19%	62,047	138,719	73,553	39,642	354,117	75%		
1892	23,940	41,722	14,089	8,255	92,356	20%	57,864	117,748	132,766	53,935	366,396	78%		
1893	33,991	23,650	30,655	10,973	85,174	20%	74,824	146,124	146,124	62,760	372,822	79%		
1894	25,924	47,151	20,930	14,749	109,754	23%	107,403	109,904	128,853	43,436	389,596	83%		
1895	32,019	38,600	29,345	13,390	113,344	24%	109,658	155,476	85,890	39,733	380,747	83%		
1896	43,065	21,820	11,341	11,615	76,841	25%	132,927	150,109	139,222	53,355	398,969	85%		
1897	28,288	43,065	38,531	14,538	127,720	27%	80,223	160,109	115,862	56,197	405,391	86%		
1898	42,248	38,945	32,061	18,013	130,585	28%	81,359	164,935	106,112	46,733	419,859	89%		
1899	39,584	58,350	33,809	15,033	136,781	29%	81,359	164,935	106,112	46,733	419,859	90%		
1900	52,248	41,140	43,140	20,989	168,472	34%	83,270	146,789	99,858	41,385	424,293	90%		
1901	42,946	71,181	44,744	16,842	175,613	36%	80,943	158,904	147,940	70,059	458,956	92%		
1902	42,946	71,181	44,744	16,842	175,613	36%	80,943	158,904	147,940	70,059	458,956	92%		
1903	42,946	71,181	44,744	16,842	175,613	36%	80,943	158,904	147,940	70,059	458,956	92%		
1904	46,459	67,224	56,223	21,068	191,004	41%	69,412	137,839	163,944	105,394	478,579	101%		
1905	76,985	80,344	80,344	18,716	197,702	41%	118,175	196,455	145,903	50,471	510,614	109%		
1906	28,102	67,557	76,365	14,125	196,868	42%	147,463	135,884	157,253	74,874	515,474	110%		
1907	50,517	84,508	57,685	17,201	209,911	45%	100,362	184,721	161,153	75,481	521,717	111%		
1908	55,236	75,108	56,146	21,498	211,468	45%	112,596	160,036	178,754	81,529	522,905	112%		
1909	42,484	73,981	60,738	34,829	212,722	45%	97,553	159,993	186,976	96,559	525,841	112%		
1910	61,483	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1911	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1912	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1913	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1914	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1915	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1916	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1917	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1918	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1919	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1920	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1921	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1922	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1923	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1924	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1925	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1926	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1927	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1928	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1929	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1930	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1931	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1932	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1933	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1934	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1935	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1936	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1937	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1938	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1939	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1940	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1941	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1942	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1943	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1944	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1945	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1946	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1947	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1948	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1949	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1950	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1951	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1952	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1953	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1954	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1955	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1956	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1957	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1958	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1959	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1960	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1961	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1962	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1963	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1964	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1965	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1966	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1967	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1968	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1969	53,838	61,483	50,948	20,948	144,862	45%	111,773	165,404	186,748	105,470	569,395	112%		
1970	53,838													

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Quantities in S.F.D. except where noted

DAY	ELEVATION (FEET)	ISABELLA RESERVOIR		FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT)	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW		FRIANT-KERN INFLOW
		MIDNIGHT STORAGE ACRE-FEET	S.F.D. LOSS				+1ST POINT REGULATED FLOW	IRRIGATION					AT 2ND POINT	RIVER KERN	
Previous Day	2581.02	321,225	161,951	140	1,973	41	2,014	1,060	1,060	146,733	7	177	177	0	0
1	2580.81	319,409	161,035	145	1,807	39	1,846	1,075	1,043	145,785	7	174	174	0	0
2	2580.59	317,513	160,080	118	1,778	38	1,816	979	999	144,850	6	173	173	0	0
3	2580.37	315,622	159,126	121	1,739	38	1,777	944	924	143,876	6	172	172	0	0
4	2580.14	313,652	158,133	106	1,702	35	1,737	850	886	142,929	6	170	170	0	0
5	2579.94	311,944	157,272	138	1,577	39	1,616	893	845	142,020	7	166	166	0	0
6	2579.73	310,156	156,370	82	1,571	40	1,611	791	809	141,136	4	169	169	0	0
7	2579.49	308,119	155,343	67	1,664	38	1,702	742	752	140,119	4	170	170	0	0
8	2579.24	306,004	154,277	116	1,638	36	1,674	724	728	139,057	6	166	166	0	0
9	2579.00	303,982	153,258	133	1,566	39	1,605	719	719	138,038	7	161	161	0	0
10	2578.79	302,217	152,368	124	1,440	39	1,479	713	708	137,143	7	162	162	0	0
11	2578.61	300,710	151,608	103	1,314	35	1,349	692	688	136,379	6	161	161	0	0
12	2578.42	299,123	150,808	135	1,283	40	1,323	658	658	135,579	8	161	161	0	0
13	2578.21	297,375	149,927	105	1,360	41	1,401	625	625	134,698	6	146	146	0	0
14	2577.96	295,301	148,881	139	1,462	36	1,498	591	598	133,659	8	137	137	0	0
15	2577.71	293,234	147,839	113	1,467	39	1,506	577	587	132,627	7	140	140	0	0
16	2577.47	291,258	146,843	113	1,438	37	1,475	592	587	131,626	7	143	143	0	0
17	2577.24	289,371	145,891	115	1,393	36	1,429	592	581	130,663	7	141	141	0	0
18	2577.03	287,652	145,025	98	1,291	37	1,328	560	581	129,818	6	100	100	0	0
19	2576.84	286,103	144,244	129	1,205	37	1,242	590	564	129,011	8	77	77	0	0
20	2576.64	284,478	143,424	92	1,234	37	1,271	543	551	128,199	6	77	77	0	0
21	2576.41	282,615	142,485	83	1,339	38	1,377	521	533	127,272	5	77	77	0	0
22	2576.18	280,758	141,549	113	1,323	36	1,359	536	527	126,327	7	40	40	0	0
23	2575.95	278,989	140,657	146	1,237	33	1,270	524	516	125,427	9	0	0	0	0
24	2575.74	277,226	139,768	102	1,240	36	1,276	489	476	124,525	6	0	0	0	0
25	2575.49	275,230	138,762	107	1,277	38	1,315	416	448	123,551	7	0	0	0	0
26	2575.28	273,558	137,919	109	1,138	34	1,172	438	447	122,717	7	0	0	0	0
27	2575.11	272,210	137,239	103	1,028	35	1,063	486	458	122,009	7	0	0	0	0
28	2574.93	270,787	136,522	122	1,009	36	1,045	450	445	121,287	8	0	0	0	0
29	2574.75	269,368	135,806	81	1,000	35	1,035	400	432	120,603	5	0	0	0	0
30	2574.56	267,873	135,053	78	1,084	37	1,121	446	431	119,835	5	0	0	0	0
31	2574.38	266,462	134,341	118	985	32	1,017	423	423	119,123	8	0	0	0	0
TOTAL SECOND FOOT DAYS		3,454		42,589	1,146	43,735	19,579	19,579	19,579	119,123	203	3,083	3,083	0	0
TOTAL ACRE-FEET		6,851		84,474	2,273	86,747	38,834	38,834	38,834	236,278	403	6,115	6,115	0	0

By:  Date: October 2, 2006

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NORTH KERN WATER STORAGE DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

HACIENDA WATER DISTRICT

DAY	ENTL AT 1ST POINT		FLOW ABOVE 1ST POINT		RESERVOIR STORAGE		ENTL AT 2ND POINT		FLOW ABOVE 2ND POINT		RESERVOIR STORAGE		ENTITLEMENT Contributed by:		FLOW				RESERVOIR STORAGE																				
	POINT	POINT	POINT	POINT	LOSS	STORAGE	POINT	POINT	POINT	POINT	LOSS	STORAGE	NKWSVD	BVWSVD	VIA CWD	VIA KWD	FOR KCWA	LOSS	STORAGE	DAY																			
Previous Day	646	1,492	38	57	57,113	204	40	177	0	177	3	50	53,328	172	38	31	56	0	33	36,292																			
1	807	1,330	36	59	56,495	236	63	183	0	174	3	52	53,089	0	0	0	57	0	34	36,201																			
2	777	1,271	35	48	55,918	222	80	191	0	173	3	42	52,822	0	0	0	63	0	28	36,110																			
3	725	1,252	35	49	55,307	199	83	192	0	172	3	43	52,528	0	0	0	40	0	29	36,041																			
4	706	1,237	32	43	54,701	190	76	180	0	170	3	38	52,251	0	0	0	39	0	25	35,977																			
5	672	1,092	36	55	54,200	173	85	195	0	166	3	50	51,925	0	0	0	49	0	33	35,895																			
6	647	1,065	37	32	53,713	162	96	199	0	169	3	30	51,590	0	0	0	42	0	20	35,833																			
7	608	1,186	35	27	53,073	144	78	188	0	170	3	24	51,271	0	0	0	42	0	16	35,775																			
8	592	1,177	33	46	52,409	136	73	188	0	166	3	42	50,935	0	0	0	34	0	28	35,713																			
9	586	1,100	36	53	51,806	133	83	189	0	161	3	48	50,584	0	0	0	33	0	32	35,648																			
10	578	934	36	49	51,365	130	146	198	0	162	3	45	50,160	0	0	0	0	0	30	35,618																			
11	565	857	32	41	51,000	123	113	183	0	161	3	37	49,786	0	0	0	0	0	25	35,593																			
12	544	842	37	54	50,611	114	114	166	0	161	3	48	49,408	0	0	0	0	0	33	35,560																			
13	522	863	38	41	50,191	103	171	180	0	146	3	38	48,973	0	0	0	0	0	26	35,534																			
14	503	984	33	54	49,623	95	169	172	0	137	3	50	48,537	0	0	0	0	0	35	35,499																			
15	496	929	36	45	49,109	91	166	166	12	140	3	40	48,101	0	0	54	0	0	28	35,417																			
16	496	869	34	45	48,657	91	181	174	32	143	3	40	47,619	0	0	39	0	0	28	35,350																			
17	492	822	33	45	48,249	89	192	173	34	141	3	41	47,124	0	0	31	0	0	29	35,290																			
18	492	759	34	38	47,910	89	175	197	33	100	3	35	46,670	0	0	27	0	0	25	35,238																			
19	480	728	34	51	47,577	84	167	192	32	77	3	45	46,238	0	0	9	0	0	33	35,196																			
20	471	741	34	37	47,236	80	197	180	32	77	3	32	45,797	0	0	7	0	0	23	35,166																			
21	459	817	35	33	46,810	74	198	177	32	77	3	29	45,355	0	0	38	0	0	21	35,107																			
22	455	858	33	44	46,330	72	179	175	32	40	3	40	44,958	0	0	39	0	0	29	35,039																			
23	447	828	30	57	45,862	69	180	174	35	0	3	51	44,584	0	0	20	0	0	38	34,981																			
24	420	790	33	39	45,420	56	226	176	38	0	3	36	44,161	0	0	10	0	0	27	34,944																			
25	401	728	35	42	45,016	47	247	160	39	0	3	37	43,722	0	0	103	0	0	28	34,813																			
26	400	517	31	42	44,826	47	218	176	39	0	3	38	43,295	0	0	188	0	0	29	34,596																			
27	408	512	32	40	44,650	50	216	166	38	0	3	36	42,886	0	0	96	0	0	27	34,473																			
28	399	558	33	48	44,410	46	224	173	40	0	3	42	42,450	0	0	14	0	0	32	34,427																			
29	390	585	32	31	44,152	42	199	172	36	0	3	28	42,054	0	0	8	0	0	22	34,397																			
30	389	678	34	30	43,799	42	152	167	27	0	3	27	41,720	0	0	60	0	0	21	34,316																			
31	384	516	30	47	43,690	39	143	130	22	0	2	40	41,422	0	0	174	0	0	31	34,111																			
S.F.D.	16,311	27,415	1,054	1,365	43,690	3,268	4,690	5,532	553	3,083	92	1,224	41,422	0	0	917	399	0	865	34,111																			
AC.F.T.	32,352	54,376	2,090	2,707	86,461	6,482	9,302	10,973	1,097	6,115	183	2,438	82,159	0	0	1,819	792	0	1,716	67,658																			
TOTAL ACRE-FOOT STORAGE DAYS																			3,022,837	TOTAL ACRE-FOOT STORAGE DAYS																			2,169,635

AUGUST 2006

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAYS	PAGE NO.	TITLE OF COLUMN	COMMENT
August	15	2	BVWSD FOR WKWD	Delivered as per terms of BUENA VISTA WATER STORAGE DISTRICT/West Kern Water District Operational Exchange Agreement dated August 11, 2006.
August	1-31	2	BVWSD VIA/FOR RRBWSD	Includes 362 s.i.d. (718 acre-feet) of water delivered pursuant to terms of BUENA VISTA WATER STORAGE DISTRICT/Rosedale-Rio Bravo WSD Kern River Purchase Agreement dated July 24, 2006.

2006 APRIL-JULY UNIMPAIRED RUNOFF
Central Valley Streams

April-July Flows
in 1000 Acre-feet

Watershed	(1) 50-Year Average	Median Forecast as of				(2) 2006 Actual	% of Average
		Feb. 1	Mar. 1	Apr. 1	May 1		
Sacramento River above Bend Bridge	2,521	2,430	2,580	3,400	4,950	5,000	198%
Feather River at Oroville Reservoir	1,870	1,600	1,600	2,300	3,370	3,503	187%
Yuba River at Smartville	1,044	910	910	1,230	1,900	1,840	176%
American River at Folsom Reservoir	1,282	1,300	1,150	1,630	2,440	2,589	202%
Cosumnes River at Michigan Bar	130	125	105	175	430	443	341%
Mokelumne River at Pardoe Reservoir	469	515	490	610	820	862	184%
Stanislaus River at Melones Reservoir	716	800	780	970	1,310	1,358	190%
Tuolumne River at Don Pedro Reservoir	1,230	1,370	1,310	1,610	2,150	2,283	186%
Merced River at Lake McClure	633	715	650	830	1,140	1,263	200%
San Joaquin River at Millerton Lake	1,262	1,460	1,270	1,700	2,180	2,470	196%
Kings River at Pine Flat Reservoir	1,234	1,370	1,210	1,690	2,080	2,306	187%
Kaweah River at Terminus Reservoir	290	275	235	360	480	529	182%
Tule River at Success Reservoir	65	50	37	70	125	133	205%
KERN RIVER AT ISABELLA LAKE	470	475	370	550	700	763	162%

(1) All 50-year averages are based on data for water years 1951-2000

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

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DAY	ISABELLA RESERVOIR		LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE+LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE		KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW		FRIANT-KERN INFLOW DAY									
	ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET					RESERVOIR S.F.D.	STORAGE+LOSS +1ST POINT REGULATED FLOW		STORAGE+LOSS -1ST POINT REGULATED FLOW	Recreation Pool - Dead Storage = 19,219 S.F.D. (30,184 ACFT)			TOTAL IRRIGATION	AT 2ND POINT KERN RIVER		AT 2ND POINT KERN RIVER								
Previous Day	2574.38	266,462	134,341	985	32	1,017	423	423	423	134,341	119,123	8	0	0	0	0									
1	2574.26	265,523	133,868	758	36	794	442	442	442	133,868	118,650	8	0	0	0	0									
2	2574.17	264,822	133,514	675	33	708	469	469	460	133,505	118,287	8	0	0	0	0									
3	2574.06	263,964	133,082	707	32	739	442	442	438	133,069	117,851	9	0	0	0	0									
4	2573.95	263,109	132,651	703	35	738	404	404	405	132,639	117,421	6	0	0	0	0									
5	2573.80	261,944	132,064	834	35	869	368	368	393	132,077	116,959	6	0	0	0	0									
6	2573.63	260,628	131,400	930	31	961	408	408	401	131,406	116,188	8	0	0	0	0									
7	2573.46	259,317	130,739	956	31	967	428	428	408	130,725	115,507	7	0	0	0	0									
8	2573.28	257,930	130,040	909	34	943	389	389	392	130,029	114,811	10	0	0	0	0									
9	2573.13	256,779	129,459	833	30	863	358	358	378	129,468	114,250	5	0	0	0	0									
10	2572.98	255,632	128,881	845	34	879	386	386	362	128,866	113,648	6	0	0	0	0									
11	2572.79	254,180	128,149	855	31	886	341	341	365	128,158	112,940	6	0	0	0	0									
12	2572.59	252,659	127,382	976	34	1,010	369	369	351	127,373	112,155	9	0	0	0	0									
13	2572.39	251,143	126,618	84	30	1,024	344	344	346	126,611	111,393	6	0	0	0	0									
14	2572.17	249,481	125,780	139	33	1,023	324	324	327	125,776	110,558	10	0	0	0	0									
15	2571.99	248,126	125,097	55	32	940	312	312	320	125,101	109,883	4	0	0	0	0									
16	2571.84	246,999	124,529	72	33	821	325	325	320	124,528	109,310	5	0	0	0	0									
17	2571.69	245,876	123,963	72	32	818	324	324	326	123,964	108,746	5	0	0	0	0									
18	2571.53	244,680	123,360	66	31	866	329	329	321	123,363	108,135	5	0	0	0	0									
19	2571.37	243,489	122,759	124	31	786	309	309	310	122,753	107,535	9	0	0	0	0									
20	2571.24	242,525	122,273	74	32	705	293	293	305	122,279	107,061	6	0	0	0	0									
21	2571.12	241,634	121,824	57	30	705	313	313	314	121,831	106,613	4	0	0	0	0									
22	2571.00	240,748	121,377	90	34	691	334	334	336	121,386	106,168	7	0	0	0	0									
23	2570.89	239,935	120,967	152	28	619	361	361	341	120,956	105,738	12	0	0	0	0									
24	2570.80	239,271	120,633	95	32	567	328	328	345	120,639	105,421	7	0	0	0	0									
25	2570.73	238,758	120,374	89	29	515	345	345	339	120,374	105,156	7	0	0	0	0									
26	2570.66	238,243	120,114	85	32	520	345	345	329	120,098	104,880	6	0	0	0	0									
27	2570.57	237,592	119,781	81	29	549	297	297	327	119,795	104,577	6	0	0	0	0									
28	2570.50	237,070	119,523	68	32	529	339	339	312	119,509	104,291	5	0	0	0	0									
29	2570.43	236,557	119,264	76	449	481	298	298	312	119,264	104,046	6	0	0	0	0									
30	2570.38	236,191	119,080	67	31	417	300	300	300	119,080	103,862	5	0	0	0	0									
TOTAL SECOND FOOT DAYS													2,832	22,094	959	23,053	10,624	10,624	21,072	21,072	403	0	0	0	0
TOTAL ACRE-FEET													5,617	43,823	1,902	45,725	21,072	21,072	206,007	206,007	403	0	0	0	0

By: 

Date: October 26, 2006

REPORT OF THE KERN RIVER WATERMASTER

SEPTEMBER 2006

Quantities in S.F.D. except where noted

NORTH KERN WATER STORAGE DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

HACIENDA WATER DISTRICT

DAY	ENTL		FLOW ABOVE		FLOW ABOVE		ENTL		FLOW		FLOW		ENTL		FLOW		ENTL		FLOW		ENTL		FLOW																																																
	AT 1ST POINT	AT 1ST POINT	1ST POINT	1ST POINT	VIA KWD	VIA CWD	VIA/RRB/WD	FOR WKWD	AT 2ND POINT	HACIENDA INC.	RESERVOIR LOSS	RESERVOIR STORAGE	RESERVOIR LOSS	RESERVOIR STORAGE	CONTRIBUTED BY: NKWSD	CONTRIBUTED BY: BIWSD	TRANS. LOSS	TRANS. FOR KOWA	RESERVOIR LOSS	RESERVOIR STORAGE	RESERVOIR LOSS	RESERVOIR STORAGE	RESERVOIR LOSS	RESERVOIR STORAGE																																															
Previous Day	384	516	30	47	43,590	0	143	0	130	22	0	2	40	41,422					31	34,111																																																			
1	442	526	33	48	42,666	0	45	94	66	27	0	3	41	41,146					32	34,838																																																			
2	460	447	30	45	42,604	0	45	85	69	29	0	3	39	40,876					31	34,807																																																			
3	438	487	29	52	42,474	0	47	83	69	21	0	3	46	40,607					37	34,770																																																			
4	405	488	32	37	42,322	0	47	81	69	18	0	3	33	40,356					27	34,743																																																			
5	393	625	32	33	42,025	0	48	69	73	19	0	3	29	40,115					24	34,719																																																			
6	401	704	29	43	41,680	0	58	71	70	27	0	2	37	39,850					31	34,688																																																			
7	408	707	28	40	41,283	0	63	91	70	25	0	3	34	39,564					28	34,660																																																			
8	392	690	31	55	40,899	0	66	80	62	11	0	3	49	39,293					41	34,619																																																			
9	378	626	27	29	40,595	0	64	69	59	15	0	3	26	39,057					21	34,598																																																			
10	362	643	31	32	40,251	0	67	66	58	11	0	3	29	38,823					24	34,574																																																			
11	365	737	28	33	39,818	0	69	72	73	4	0	3	29	38,573					25	34,549																																																			
12	351	710	32	48	39,379	0	57	137	72	0	0	2	42	38,263					36	34,513																																																			
13	346	690	27	32	38,976	0	64	165	75	0	0	3	28	37,928					24	34,489																																																			
14	327	707	30	53	38,513	0	69	155	59	0	0	3	46	37,596					40	34,449																																																			
15	320	686	29	21	38,097	0	59	155	8	0	0	3	18	37,353					16	34,433																																																			
16	320	567	30	27	37,793	0	53	155	13	0	0	3	24	37,105					21	34,412																																																			
17	326	580	29	27	37,483	0	44	152	10	0	0	3	24	36,872					21	34,391																																																			
18	321	669	29	25	37,081	0	22	136	8	0	0	2	22	36,682					19	34,372																																																			
19	310	581	28	46	36,736	0	25	141	8	0	0	3	41	36,464					37	34,335																																																			
20	305	533	29	27	36,452	0	17	113	10	0	0	3	25	36,298					22	34,313																																																			
21	314	535	27	21	36,183	0	14	122	4	0	0	3	19	36,134					17	34,296																																																			
22	336	513	31	33	35,942	0	14	123	7	0	0	3	30	35,957					27	34,269																																																			
23	341	460	25	57	35,741	0	10	112	9	0	0	3	50	35,773					45	34,224																																																			
24	345	411	30	35	35,610	0	8	108	8	0	0	2	32	35,615					28	34,196																																																			
25	339	411	26	33	35,479	0	9	60	6	0	0	3	29	35,508					27	34,169																																																			
26	329	430	29	31	35,318	0	17	33	8	0	0	3	28	35,419					26	34,143																																																			
27	327	482	26	30	35,107	0	17	9	12	0	0	3	27	35,351					24	34,119																																																			
28	311	466	29	24	34,899	0	9	15	7	0	0	3	23	35,294					21	34,098																																																			
29	312	380	29	28	34,774	0	7	55	7	0	0	3	25	35,197					23	34,075																																																			
30	300	323	29	25	34,697	0	2	51	10	0	0	2	22	35,110					20	34,055																																																			
S.F.D.	10,624	16,814	874	1,070	34,697	0	1,136	2,858	1,079	207	0	85	947	35,110					815	34,055	S.F.D.																																																		
AC.F.T.	21,072	33,351	1,734	2,122	68,820	0	2,253	5,668	2,140	411	0	168	1,878	69,640					1,617	67,547	AC.F.T.																																																		
																						TOTAL ACRE-FOOT STORAGE DAYS	2,282,671																							TOTAL ACRE-FOOT STORAGE DAYS	2,237,705																							TOTAL ACRE-FOOT STORAGE DAYS	2,048,758

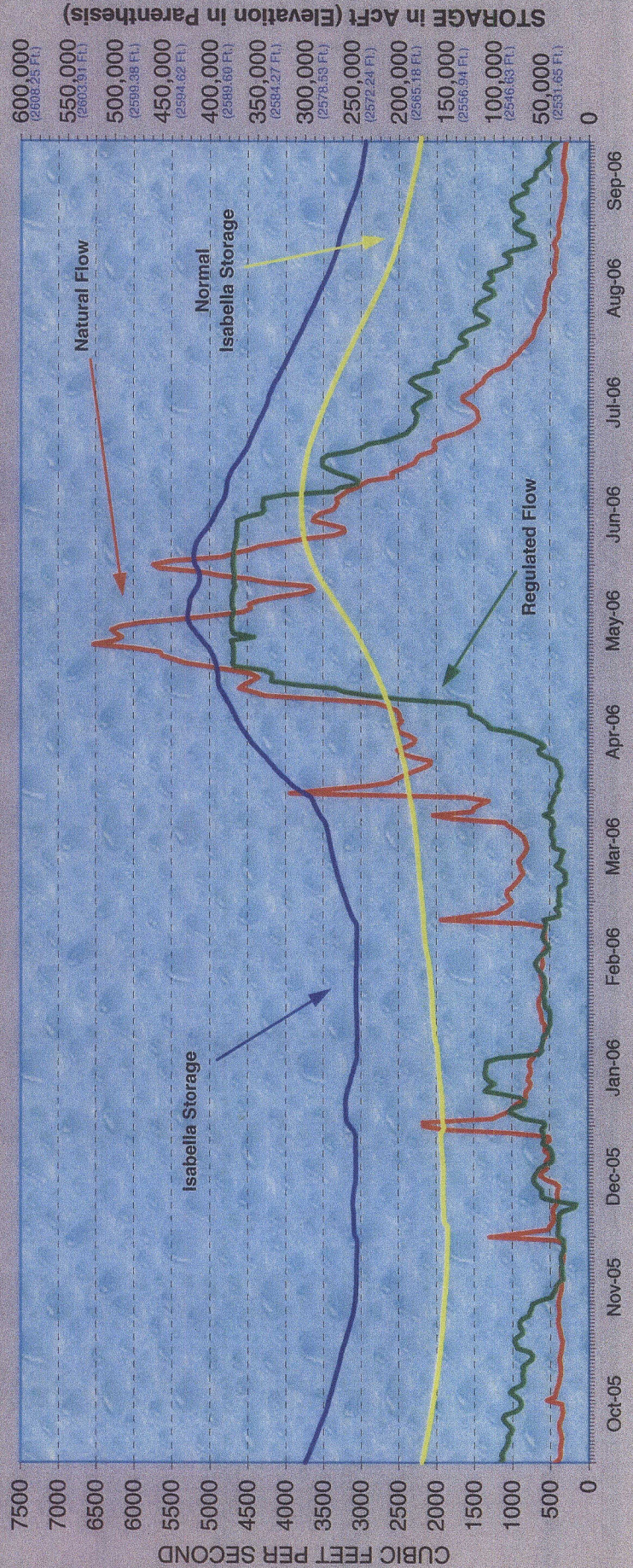
SEPTEMBER 2006

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
September	1	2	BVWS VIA CWD	Delivered pursuant to terms of BUENA VISTA WATER STORAGE DISTRICT/Cawelo Water District Exchange Agreement dated July 21, 1983 as confirmed in Buena Vista WSD letter dated July 7, 2006.
September	1-30	2	BVWS VIA/FOR RRBWSD	Includes 252 s.f.d. (500 acre-feet) of water delivered pursuant to terms of BUENA VISTA WATER STORAGE DISTRICT/Rosedale-Rio Bravo WSD Kern River Purchase Agreement dated July 24, 2006.
September	1	2	HACIENDA WATER DISTRICT - RESERVOIR STORAGE NORTH KERN WSD - RESERVOIR STORAGE	Includes: NORTH KERN WATER STORAGE DISTRICT Transportation Loss Assignment to HACIENDA WATER DISTRICT of 1,505 acre-feet (759 s.f.d.) per Section 2 (b) of the 1962 Kern River Water Rights and Storage Agreement.

KERN RIVER NATURAL FLOW, REGULATED FLOW, & ISABELLA RESERVOIR STORAGE

2005 - 2006 WATER YEAR



REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

OCTOBER 2006

DAY	ISABELLA RESERVOIR		LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	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)	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT		FRIANT-KERN INFLOW	DAY
	ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET										S.F.D.	KERN RIVER		
Previous Day	2570.38	236,191	119,080	67	386	31	417	300	119,080	103,862	5	0	0	0	0
1	2570.33	235,826	118,896	37	435	27	462	315	118,896	103,678	3	0	0	0	1
2	2570.27	235,388	118,675	32	497	16	513	324	118,675	103,457	2	0	0	0	2
3	2570.23	235,098	118,529	57	415	24	439	350	118,529	103,311	4	0	0	0	3
4	2570.21	234,952	118,455	46	343	24	367	333	118,449	103,231	4	0	0	0	4
5	2570.19	234,806	118,381	40	332	24	356	315	118,368	103,150	3	0	0	0	5
6	2570.16	234,587	118,271	60	310	24	334	314	118,288	103,070	5	0	0	0	6
7	2570.15	234,515	118,235	54	293	24	317	317	118,234	103,016	4	0	0	0	7
8	2570.14	234,442	118,198	54	292	24	316	326	118,190	102,972	4	0	0	0	8
9	2570.12	234,296	118,124	66	295	22	317	322	118,129	102,911	5	0	0	0	9
10	2570.10	234,151	118,051	72	300	25	325	320	118,052	102,834	6	0	0	0	10
11	2570.08	234,005	117,978	83	292	24	316	331	117,984	102,766	7	0	0	0	11
12	2570.06	233,860	117,904	97	298	23	321	339	117,905	102,687	8	0	0	0	12
13	2570.06	233,860	117,904	26	313	9	322	345	117,902	102,684	2	0	0	0	13
14	2570.06	233,860	117,904	12	308	22	330	340	117,900	102,682	1	0	0	0	14
15	2570.05	233,787	117,868	43	305	18	323	314	117,848	102,630	3	0	0	0	15
16	2570.02	233,569	117,758	40	319	22	341	309	117,776	102,558	3	0	0	0	16
17	2570.00	233,425	117,685	54	323	23	346	310	117,686	102,468	4	0	0	0	17
18	2569.98	233,280	117,612	60	321	23	344	335	117,617	102,399	5	0	0	0	18
19	2569.97	233,207	117,575	37	322	24	346	341	117,575	102,357	3	0	0	0	19
20	2569.96	233,135	117,539	54	303	26	329	341	117,533	102,315	4	0	0	0	20
21	2569.95	233,062	117,502	51	292	23	315	344	117,511	102,293	4	0	0	0	21
22	2569.94	232,990	117,466	69	297	27	324	332	117,450	102,232	5	0	0	0	22
23	2569.92	232,845	117,393	43	316	25	341	332	117,398	102,180	3	0	0	0	23
24	2569.89	232,627	117,283	69	344	25	369	320	117,280	102,062	5	0	0	0	24
25	2569.86	232,410	117,173	60	346	25	371	321	117,170	101,952	5	0	0	0	25
26	2569.83	232,192	117,064	48	351	23	374	323	117,071	101,853	4	0	0	0	26
27	2569.80	231,975	116,954	60	359	25	384	319	116,946	101,728	5	0	0	0	27
28	2569.76	231,886	116,808	71	361	25	386	313	116,802	101,584	6	0	0	0	28
29	2569.72	231,398	116,663	52	364	23	387	302	116,665	101,447	4	0	0	0	29
30	2569.68	231,109	116,518	59	361	26	387	299	116,518	101,300	5	0	0	0	30
31	2569.65	230,893	116,409	48	369	24	393	332	116,409	101,191	4	0	0	0	31
TOTAL SECOND FOOT DAYS				1,654	10,376	719	11,095	10,078	116,409	101,191	130	0	0	0	0
TOTAL ACRE-FEET				3,281	20,580	1,426	22,006	19,989	230,893	200,709	258	0	0	0	0

By:  Date: November 23, 2006

REPORT OF THE KERN RIVER WATERMASTER

OCTOBER 2006

Quantities in S.F.D. except where noted

NORTH KERN WATER STORAGE DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

HACIENDA WATER DISTRICT

DAY	ENTL AT/ST POINT		FLOW ABOVE 1ST POINT		RESERVOIR STORAGE		ENTL AT/ST POINT		FLOW FOR ID4		RESERVOIR STORAGE		ENTL AT/ST POINT		FLOW FOR LOSS		RESERVOIR STORAGE				
	300	323	29	25	34,697	0	2	51	10	0	2	22	35,110	20	34,055	20	34,055	20	34,055		
1	315	315	26	14	49,530	0	32	43	9	36	1	12	34,977	11	19,171	1	19,171	1	19,171		
2	324	358	15	15	49,466	0	47	47	13	32	1	11	34,826	6	19,165	2	19,165	2	19,165		
3	350	247	23	28	49,518	0	49	61	16	42	1	19	34,638	10	19,155	3	19,155	3	19,155		
4	333	183	23	23	49,622	0	41	77	8	34	1	15	34,462	8	19,147	4	19,147	4	19,147		
5	315	183	23	20	49,711	0	44	70	3	32	1	13	34,299	7	19,140	5	19,140	5	19,140		
6	314	178	23	30	49,794	0	33	60	7	32	1	20	34,146	10	19,130	6	19,130	6	19,130		
7	317	222	23	27	49,839	0	25	0	8	38	1	18	34,056	9	19,121	7	19,121	7	19,121		
8	326	226	23	27	49,889	0	20	0	8	38	1	18	33,971	9	19,112	8	19,112	8	19,112		
9	322	230	21	34	49,926	0	20	0	5	40	1	21	33,884	11	19,101	9	19,101	9	19,101		
10	320	175	24	37	50,010	0	17	50	12	46	1	23	33,735	12	19,089	10	19,089	10	19,089		
11	331	223	23	42	50,053	0	20	0	10	39	1	27	33,638	14	19,075	11	19,075	11	19,075		
12	339	222	22	49	50,099	0	27	0	9	40	1	31	33,530	17	19,058	12	19,058	12	19,058		
13	345	238	8	14	50,184	0	26	0	9	40	1	8	33,446	4	19,054	13	19,054	13	19,054		
14	340	241	21	6	50,256	0	18	1	7	41	1	4	33,374	2	19,052	14	19,052	14	19,052		
15	314	244	17	22	50,287	0	15	2	11	33	1	14	33,298	7	19,045	15	19,045	15	19,045		
16	309	252	21	20	50,303	0	18	3	8	38	1	13	33,217	7	19,038	16	19,038	16	19,038		
17	310	273	22	28	50,290	0	10	0	8	32	1	17	33,149	9	19,029	17	19,029	17	19,029		
18	335	264	22	31	50,308	0	13	4	10	30	1	19	33,072	10	19,019	18	19,019	18	19,019		
19	341	246	23	19	50,361	0	16	9	10	41	1	12	32,983	6	19,013	19	19,013	19	19,013		
20	341	249	25	28	50,400	0	0	8	7	39	1	17	32,911	9	19,004	20	19,004	20	19,004		
21	344	239	22	26	50,457	0	13	0	3	37	1	16	32,841	9	18,995	21	18,995	21	18,995		
22	332	244	25	35	50,485	0	0	6	6	41	2	22	32,764	12	18,983	22	18,983	22	18,983		
23	332	292	24	22	50,479	0	4	0	4	16	1	14	32,725	7	18,976	23	18,976	23	18,976		
24	320	269	24	35	50,471	0	5	70	0	0	1	22	32,627	12	18,964	24	18,964	24	18,964		
25	321	229	24	31	50,508	0	47	70	0	0	1	19	32,490	10	18,954	25	18,954	25	18,954		
26	323	240	22	25	50,544	0	41	70	0	0	1	15	32,363	8	18,946	26	18,946	26	18,946		
27	319	222	23	31	50,587	0	36	101	0	0	2	19	32,205	10	18,936	27	18,936	27	18,936		
28	313	231	24	37	50,608	0	60	70	0	0	1	22	32,052	12	18,924	28	18,924	28	18,924		
29	302	271	22	27	50,590	0	11	82	0	0	1	16	31,942	9	18,915	29	18,915	29	18,915		
30	299	256	25	31	50,577	0	11	94	0	0	1	18	31,818	10	18,905	30	18,905	30	18,905		
31	332	289	23	25	50,572	0	10	70	0	0	1	15	31,722	8	18,897	31	18,897	31	18,897		
S.F.D.	10,078	7,551	686	839	50,572	0	729	1,068	191	837	0	33	530	31,722	285	18,897	S.F.D.	18,897	S.F.D.	18,897	
AC.F.T.	19,989	14,977	1,360	1,665	100,307	0	1,446	2,118	379	1,660	0	66	1,051	62,920	565	37,482	AC.F.T.	37,482	AC.F.T.	37,482	
TOTAL ACRE-FOOT STORAGE DAYS		3,085,732		2,045,277		TOTAL ACRE-FOOT STORAGE DAYS		2,045,277		TOTAL ACRE-FOOT STORAGE DAYS		1,170,471		TOTAL ACRE-FOOT STORAGE DAYS		1,170,471		TOTAL ACRE-FOOT STORAGE DAYS		1,170,471	

REPORT OF THE KERN RIVER WATERMASTER

OCTOBER 2006

WATERMASTER NOTES * KERN RIVER BULLETIN**

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
October	1	2	HWD RESERVOIR STORAGE NKWSD RESERVOIR STORAGE	Reflects transfer of 14,873 s.f.d. (29,500 acre-feet) from HACIENDA WATER DISTRICT to NORTH KERN WATER STORAGE DISTRICT as per terms of Kern County Water Agency (ID4)/North Kern Water Storage District Exchange Agreement dated September 14, 2006.
October	1-23	2	BVWSD FOR RRBWSD	Delivered pursuant to terms of BUENA VISTA WATER STORAGE DISTRICT/Rosedale-Rio Bravo Water Storage District Kern River Purchase Agreement dated July 24, 2006.
October	1	2	BVWSD FOR ID4	Delivered pursuant to terms of BUENA VISTA WATER STORAGE DISTRICT/Kern County Water Agency (ID4) Exchange Agreement dated October 20, 2006.

**TABLE OF ABSORPTION QUANTITIES WITHIN HISTORIC KERN RIVER SERVICE AREA
KERN RIVER WATER**

2006 WATER YEAR

Quantities in acre-feet

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
+ Kern River Natural Flow	23,800	21,707	33,614	55,466	36,668	65,938	147,043	309,409	232,520	106,756	38,834	21,072	1,092,827
- Isabella Reservoir Evaporation	3,866	2,604	1,016	1,327	1,210	1,031	2,507	5,429	6,944	8,164	6,851	5,617	46,566
- Into Isabella Storage	0	0	1,944	0	3,145	40,008	94,570	30,311	0	0	0	0	169,978
+ From Isabella Storage	40,132	16,644	0	1,644	0	0	0	0	32,485	59,231	54,764	30,270	235,170
- Kern River via Kern River/ California Aqueduct Interlie	0	0	0	0	0	0	0	60,932	12,479	0	0	0	73,411
= Monthly Absorption within Kern River Service Area	60,066	35,747	30,654	55,783	32,313	24,899	49,966	212,737	245,582	157,823	86,747	45,725	1,038,042
Accumulative Absorption within Kern River Service Area	60,066	95,813	126,467	182,250	214,563	239,462	289,428	502,165	747,747	905,570	992,317	1,038,042	

REPORT OF THE KERN RIVER WATERMASTER

NOVEMBER 2006

PAGE 1 of 5

Quantities in S.F.D. except where noted

DAY	ELEVATION (FEET)	ISABELLA RESERVOIR		LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST REGULATED FLOW	CHANGE IN STORAGE+LOSS		COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE		KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW		FRIANT-KERN INFLOW DAY
		MIDNIGHT STORAGE	ACRE-FEET					RESERVOIR S.F.D.	IRRIGATION		Recreation Pool + Dead Storage = 15,218 S.F.D. (30,184 ACFT)	KERN RIVER			AT 2ND POINT		
Previous Day	2569.65	230,893	116,409	48	369	24	393	332	332	332	116,409	101,191	4	0	0	0	0
1	2569.62	230,676	116,299	46	349	24	373	309	309	309	116,299	101,081	4	0	0	0	0
2	2569.59	230,460	116,190	46	322	23	345	282	284	284	116,192	100,974	4	0	0	0	0
3	2569.57	230,318	116,119	18	319	23	342	289	277	277	116,109	100,891	1	0	0	0	0
4	2569.54	230,100	116,009	35	313	23	336	261	291	291	116,029	100,811	3	0	0	0	0
5	2569.53	230,028	115,973	29	307	23	330	323	294	294	115,964	100,746	2	0	0	0	0
6	2569.51	229,884	115,900	38	313	21	334	299	296	296	115,888	100,670	3	0	0	0	0
7	2569.48	229,669	115,792	43	307	25	332	267	278	278	115,791	100,573	3	0	0	0	0
8	2569.45	229,454	115,683	40	315	21	336	267	273	273	115,688	100,470	3	0	0	0	0
9	2569.42	229,238	115,574	52	321	22	343	286	281	281	115,574	100,356	4	0	0	0	0
10	2569.40	229,094	115,502	26	311	24	335	289	268	268	115,481	100,263	2	0	0	0	0
11	2569.36	228,807	115,357	40	311	22	333	228	266	266	115,374	100,156	3	0	0	0	0
12	2569.34	228,663	115,284	23	310	22	332	282	284	284	115,303	100,085	2	0	0	0	0
13	2569.32	228,520	115,212	78	313	22	335	341	314	314	115,204	99,986	6	0	0	0	0
14	2569.31	228,448	115,176	23	319	13	332	319	343	343	115,192	99,974	2	0	0	0	0
15	2569.31	228,448	115,176	32	313	23	336	368	338	338	115,162	99,944	3	0	0	0	0
16	2569.29	228,305	115,104	58	318	22	340	326	353	353	115,117	99,899	5	0	0	0	0
17	2569.28	228,233	115,068	61	319	21	340	365	343	343	115,059	99,841	5	0	0	0	0
18	2569.27	228,161	115,031	32	321	23	344	339	351	351	115,034	99,816	3	0	0	0	0
19	2569.26	228,090	114,995	40	322	23	345	349	338	338	114,987	99,769	3	0	0	0	0
20	2569.25	228,020	114,960	23	320	18	338	326	318	318	114,944	99,726	2	0	0	0	0
21	2569.22	227,805	114,852	46	320	21	341	279	290	290	114,847	99,629	4	0	0	0	0
22	2569.19	227,590	114,743	32	319	22	341	264	283	283	114,757	99,539	3	0	0	0	0
23	2569.17	227,447	114,671	29	331	19	350	307	284	284	114,662	99,444	2	0	0	0	0
24	2569.14	227,232	114,563	26	344	18	362	280	292	292	114,566	99,348	2	0	0	0	0
25	2569.11	227,018	114,455	32	342	23	365	289	285	285	114,454	99,236	3	0	0	0	0
26	2569.08	226,804	114,347	26	355	12	367	285	265	265	114,326	99,108	2	0	0	0	0
27	2569.04	226,518	114,203	3	342	21	363	222	260	260	114,220	99,002	0	0	0	0	0
28	2569.01	226,304	114,095	20	344	18	362	274	250	250	114,088	98,870	2	0	0	0	0
29	2568.97	226,020	113,952	29	350	18	368	254	261	261	113,952	98,734	2	0	0	0	0
30	2568.95	225,878	113,880	20	308	19	327	275	275	275	113,880	98,662	2	0	0	0	0
TOTAL SECOND FOOT DAYS				1,046	9,698	629	10,327	8,844	8,844	8,844	113,880	98,662	85	0	0	0	0
TOTAL ACRE-FEET				2,075	19,236	1,248	20,484	17,542	17,542	17,542	225,878	195,694	169	0	0	0	0

By: 

Date: December 19, 2006

REPORT OF THE KERN RIVER WATERMASTER

NOVEMBER 2006

WATERMASTER NOTES * KERN RIVER BULLETIN**

<u>MONTH</u>	<u>DAY(S)</u>	<u>PAGE NO.</u>	<u>TITLE OF COLUMN</u>	<u>COMMENT</u>
November	1	2	BUENA VISTA WSD - RESERVOIR STORAGE NORTH KERN WSD - RESERVOIR STORAGE	Reflects transfer of 1,008 s.f.d. (2,000 acre-feet) from BUENA VISTA WATER STORAGE DISTRICT to NORTH KERN WATER STORAGE DISTRICT (City of Bakersfield) on behalf of Cawelo Water District as per terms of City of Bakersfield/Cawelo Water District Letter Agreement dated November 1, 2006.
November	24-30	2	BVWSD FOR ID4	Delivered as per terms of BUENA VISTA WATER STORAGE DISTRICT/Kern County Water Agency (ID4) Exchange Agreement dated October 20, 2006.



Kern River at
Rancheria Road

REPORT OF THE KERN RIVER WATERMASTER

DECEMBER 2006

Quantities in S.F.D. except where noted

PAGE 1 of 5

DAY	ELEVATION (FEET)	ISABELLA RESERVOIR		LOSS	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE-LOSS		COMPUTED NATURAL FLOW	MEAN STORAGE Recreation Pool + Dead Storage = 15,218 S.F.D. (90,184 ACFT)	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW AT 2ND POINT		FRIANT-KERN INFLOW DAY
		MIDNIGHT STORAGE	ACRE-FEET					S.F.D.	REGULATED FLOW					+1ST POINT REGULATED FLOW	1ST POINT NATURAL FLOW	
Previous Day	2568.95	225,878	113,880	20	308	19	327	275	275	275	113,880	2	0	0	0	0
1	2568.95	225,878	113,880	8	240	18	258	266	284	284	113,898	1	0	0	0	1
2	2568.96	225,949	113,916	30	237	17	254	283	290	290	113,904	2	0	0	0	2
3	2568.95	225,878	113,880	58	242	19	261	283	299	299	113,884	5	0	0	0	3
4	2568.95	225,878	113,880	36	240	18	258	294	289	289	113,879	3	0	0	0	4
5	2568.95	225,878	113,880	22	251	18	269	291	298	298	113,886	2	0	0	0	5
6	2568.95	225,878	113,880	28	261	20	281	309	318	318	113,895	2	0	0	0	6
7	2568.95	225,878	113,880	61	274	18	292	353	342	342	113,884	5	0	0	0	7
8	2568.94	225,807	113,844	67	316	17	333	364	357	357	113,841	6	0	0	0	8
9	2568.95	225,878	113,880	22	277	19	296	354	357	357	113,880	2	0	0	0	9
10	2569.00	226,234	114,060	30	277	18	295	355	505	505	114,060	2	0	0	0	10
11	2569.01	226,304	114,095	3	297	20	317	355	332	332	114,072	0	0	0	0	11
12	2569.00	226,234	114,060	6	296	17	313	284	321	321	114,074	0	0	0	0	12
13	2569.00	226,234	114,060	8	300	16	316	324	317	317	114,067	1	0	0	0	13
14	2569.00	226,234	114,060	19	305	20	325	344	339	339	114,062	2	0	0	0	14
15	2569.00	226,234	114,060	14	319	17	336	350	346	346	114,058	1	0	0	0	15
16	2569.00	226,234	114,060	6	322	16	338	344	343	343	114,057	0	0	0	0	16
17	2569.00	226,234	114,060	3	319	14	333	336	327	327	114,048	0	0	0	0	17
18	2568.99	226,163	114,024	3	318	16	334	301	308	308	114,019	0	0	0	0	18
19	2568.98	226,092	113,988	8	300	15	315	287	282	282	113,978	1	0	0	0	19
20	2568.97	226,020	113,952	11	266	16	282	257	267	267	113,952	1	0	0	0	20
21	2568.97	226,020	113,952	17	259	6	265	282	282	282	113,952	1	0	0	0	21
22	2569.01	226,304	114,095	11	255	15	270	424	424	424	114,095	1	0	0	0	22
23	2569.02	226,375	114,131	6	268	3	271	313	326	326	114,144	0	0	0	0	23
24	2569.04	226,518	114,203	8	272	1	273	353	328	328	114,191	1	0	0	0	24
25	2569.05	226,589	114,239	8	269	4	273	317	331	331	114,241	1	0	0	0	25
26	2569.05	226,589	114,239	19	290	14	304	323	321	321	114,239	2	0	0	0	26
27	2569.10	226,946	114,419	3	311	12	323	506	506	506	114,419	0	0	0	0	27
28	2569.11	227,018	114,455	3	315	12	327	366	344	344	114,433	0	0	0	0	28
29	2569.09	226,875	114,383	3	354	15	369	300	339	339	114,400	0	0	0	0	29
30	2569.08	226,804	114,347	14	360	14	374	352	335	335	114,347	1	0	0	0	30
31	2569.07	226,732	114,311	14	339	14	353	331	331	331	114,311	1	0	0	0	31
TOTAL SECOND FOOT DAYS				549	8,949	459	9,408	10,388	10,388	10,388	114,311	44	0	0	0	0
TOTAL ACRE-FEET				1,089	17,750	910	18,660	20,604	20,604	20,604	226,732	87	0	0	0	0

By: *ASD* Date: January 24, 2007

REPORT OF THE KERN RIVER WATERMASTER

DECEMBER 2006

Quantities in S.F.D. except where noted

PAGE 2 of 5

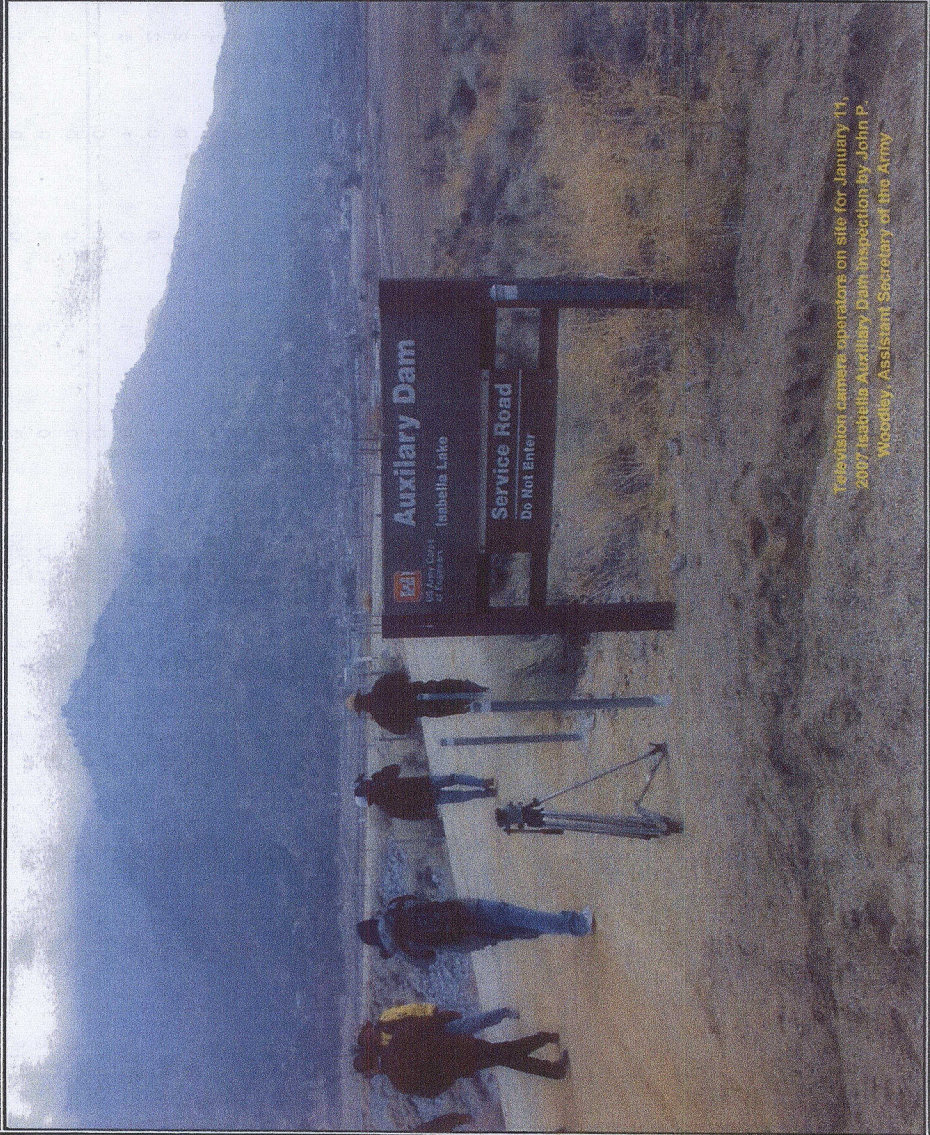
NORTH KERN WATER STORAGE DISTRICT BUENA VISTA WATER STORAGE DISTRICT HACIENDA WATER DISTRICT

DAY	FLOW ABOVE 1ST POINT			ENTL AT 1ST POINT	FLOW AT 2ND POINT			ENTL AT 1ST POINT	FLOW ABOVE 1ST PT. CARMEL La			ENTITLEMENT Contributed by:			FLOW TRANS. FOR			RESERVOIR STORAGE	DAY																												
	ENTL AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT		RESERVOIR STORAGE LOSS	VIA KOWD	AT 2ND POINT		ENTL AT 1ST POINT	INC.	HACIENDA	RESERVOIR STORAGE LOSS	NKWS	BVWS	LOSS	FOR KCWA	RESERVOIR STORAGE LOSS																														
Previous Day	275	215	18	11	51,352	0	9	0	1	0	0	6	28,594	3	18,716																																
1	284	231	18	5	51,382	0	9	0	0	0	2	28,583	1	18,715																																	
2	290	234	17	16	51,405	0	3	0	0	0	9	28,571	5	18,710																																	
3	299	239	18	31	51,416	0	3	0	1	17	28,550	10	18,700																																		
4	289	236	18	20	51,432	0	5	0	0	10	28,535	6	18,694																																		
5	298	246	18	12	51,454	0	5	0	0	6	28,524	4	18,690																																		
6	318	256	19	15	51,482	0	5	0	1	8	28,510	5	18,685																																		
7	342	271	18	33	51,502	0	3	0	0	17	28,490	11	18,674																																		
8	357	315	17	36	51,491	0	1	0	0	19	28,470	12	18,662																																		
9	357	277	19	12	51,540	0	0	0	0	6	28,464	4	18,658																																		
10	505	275	17	16	51,737	0	2	0	1	9	28,452	5	18,653																																		
11	332	292	20	1	51,756	0	5	0	0	1	28,446	1	18,652																																		
12	321	290	17	3	51,767	0	6	0	0	2	28,438	1	18,651																																		
13	317	300	16	5	51,763	0	0	0	0	2	28,436	1	18,650																																		
14	339	304	19	11	51,768	0	1	0	1	5	28,429	3	18,647																																		
15	346	315	17	8	51,774	0	4	0	0	4	28,421	2	18,645																																		
16	343	322	16	3	51,776	0	0	0	0	2	28,419	1	18,644																																		
17	327	316	14	1	51,772	0	3	0	0	1	28,415	1	18,643																																		
18	308	305	16	1	51,758	0	13	0	0	1	28,401	1	18,642																																		
19	282	285	14	5	51,736	0	15	0	1	2	28,383	1	18,641																																		
20	267	257	16	6	51,724	0	9	0	0	3	28,371	2	18,639																																		
21	282	251	6	9	51,740	0	8	0	0	5	28,358	3	18,636																																		
22	424	247	15	6	51,896	0	8	0	0	3	28,347	2	18,634																																		
23	326	280	3	3	51,956	0	8	0	0	2	28,337	1	18,633																																		
24	328	284	0	5	52,015	0	8	0	1	2	28,326	1	18,632																																		
25	331	262	4	5	52,075	0	7	0	0	2	28,317	1	18,631																																		
26	321	290	14	11	52,081	0	0	0	0	5	28,312	3	18,628																																		
27	506	311	12	1	52,263	0	0	0	0	1	28,311	1	18,627																																		
28	344	315	12	1	52,279	0	0	0	0	1	28,310	1	18,626																																		
29	339	354	15	1	52,248	0	0	0	0	1	28,309	1	18,625																																		
30	335	360	14	8	52,201	0	0	0	0	4	28,305	2	18,623																																		
31	331	339	14	8	52,176	0	0	0	0	4	28,296	2	18,621																																		
S.F.D.	10,388	8,818	453	298	52,176	0	131	0	6	156	28,296	95	18,621																																		
AC.F.T.	20,604	17,490	898	592	103,490	0	260	0	12	309	56,124	188	36,934																																		
TOTAL ACRE-FOOT STORAGE DAYS															3,184,193	TOTAL ACRE-FOOT STORAGE DAYS															1,747,112	TOTAL ACRE-FOOT STORAGE DAYS															1,146,864

DECEMBER 2006

WATERMASTER NOTES *** KERN RIVER BULLETIN

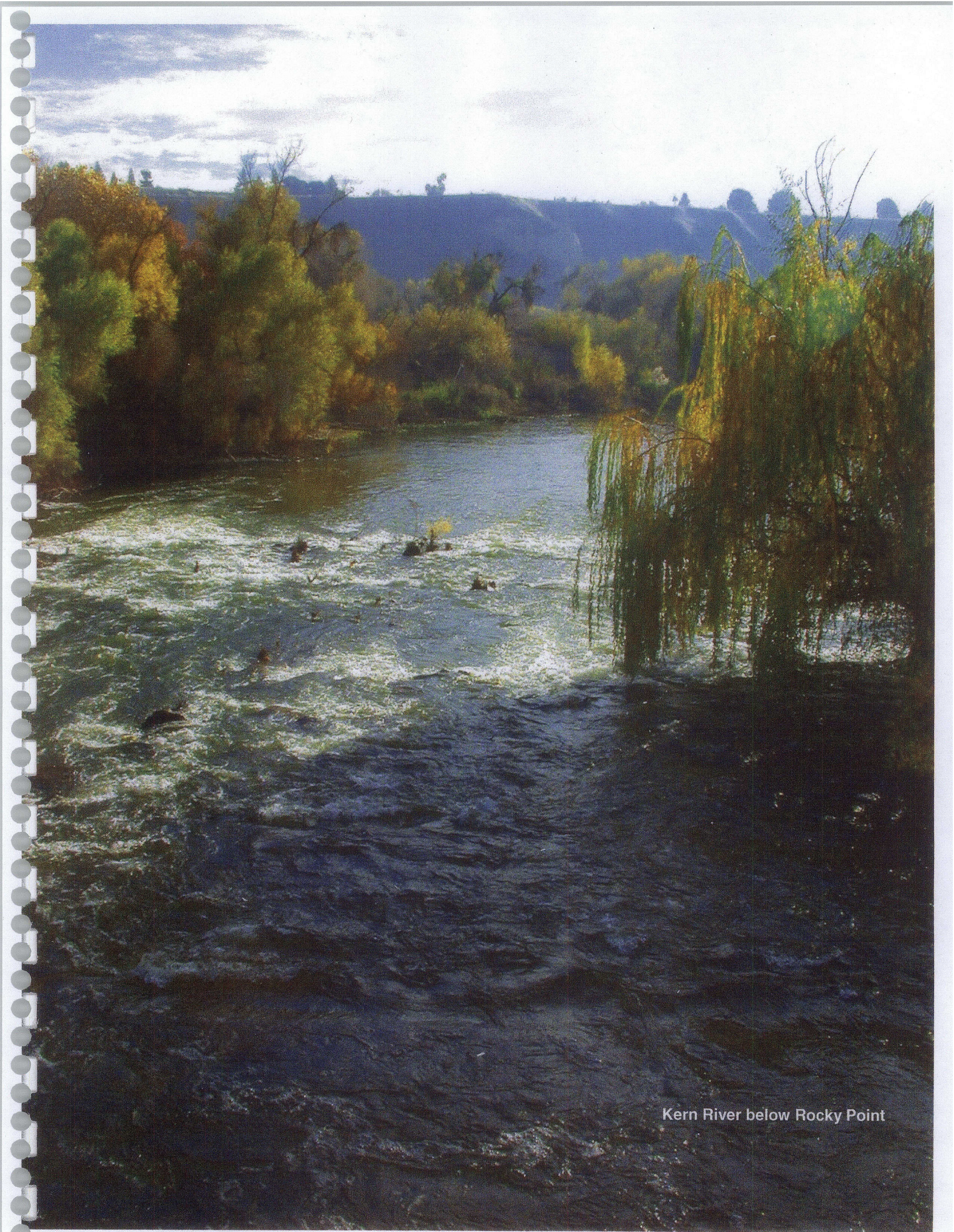
MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
December	31	2	BWSD RESERVOIR STORAGE NKWSD RESERVOIR STORAGE	Reflects transfer of 10 acre-feet (5 s.f.d.) from BUENA VISTA WATER STORAGE DISTRICT to NORTH KERN WATER STORAGE DISTRICT on behalf of HACIENDA WATER DISTRICT as compensation for additional evaporation of Kern River water due to Rio Bravo Power Plant operations during calendar year 2006 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% BWSD)



Television camera operators on site for January 11, 2007 Isabella Auxiliary Dam inspection by John P. Woodley, Assistant Secretary of the Army

Isabella Dam & Reservoir Maximum Daily Precipitation Events

Month	Date	Amount (Inches)
Jan	1/09/2005	2.58
Feb	2/01/1960	3.40
Mar	3/04/1991	1.72
Apr	4/02/1974	1.45
May	5/26/1999	0.75
June	6/08/1972	0.50
July	7/16/1984	0.88
Aug	8/08/1963	1.01
Sept	9/30/1976	3.09
Oct	10/17/1963	0.96
Nov	11/20/1950	2.85
Dec	12/05/1966	5.20



Kern River below Rocky Point

CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: January Recap 2006

COMPUTED NATURAL FLOW AT FIRST POINT..... 55466
 LESS NON-CONTRIBUTING CANALS..... 18446
 FOR OTHERS AND FIRST POINT CANALS..... 37020
 TO BE CONTRIBUTED BY OTHER CANALS..... 1835
 TO BE USED BY OTHER CANALS..... 35185
 EACH OTHER CANAL TO RECEIVE..... N/A
 % OF ITS DIVERSION RIGHT

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%).. 52
 B.V.W.S.D. ENTITLEMENT..... 1107
 SEEPAGE LOSS..... 676
 KERN RIVER CONDUIT ENTITLEMENT..... 0
 HACIENDA W.D. ENTITLEMENT AT FIRST POINT..... 0
 TOTAL..... 1835

RIVER STAGE	AMT.	DIVERSION RIGHT		GROSS		RELEASES		ENTITLEMENT LESS RELEASES		EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS		WATER		ISABELLA RESERVOIR				
		NAME OF CANAL	K.C.L. Co. ENTL @ 2ND PT.	DIV'R	ENTL	To River	Distribution	... OR PLUS DISTRIBUTED	PLUS	LESS	NKWS	KCC&W Co.	DIR	PRO	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE		
300.0	300	KERN ISLAND (1-ST)	4254	18446	52	14176	52	4270	436	4254				16	2500	16	0	2500		
320.0	20	CASTRO	307																	
330.5	10.5	SOUTH FORK	611																	
410.5	80	BUENA VISTA (1-ST)	1019	4746	3659			1230			8275			3122	19631	139	0	22814		
530.5	120	JAMES (1-ST)	7117					4760	2619	1087				0	600	0	0	600		
550.5	30	ANDERSON (1-ST)	1192					794	436					10	1500	10	0	1500		
700.5	180	STINE	1504	7047	5584	61		1190	655	1524				10	1500	10	0	1500		
730.5	30	MEACHAM	1168																	
880.5	150	FARMERS	3709	3709	3495	538				748				10	1500	10	0	1500		
920.5	40	PLUNKET	605																	
980.5	40	JOYCE	569					1554	906											
1000.5	40	JOHNSON	522					1408	1051											
1130.5	130	PIONEER (1-ST)	1307					1221	1146											
1190.5	60	BEARDSLEY (1-ST)	46	504				2809	4108											
1200.5	10	ANDERSON (2-ND)	6668							2737										
1240.5	40	JAMES & DIXON	289					119	317											
1280.5	10	WILSON	48					414	1331											
1276.5	26	McCAFFREY	26						437											
1376.5	100	McCORD	369					207	906											
2226.5	850	CALLOWAY	12105	2983				239	781											
2426.5	200	RAILROAD																		
2516.5	90	BUENA VISTA (2-ND)																		
2696.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	58	KERN ISLAND (2-ND)																		
		ROSEDALE BIVSD	948	48974	53683	27529	27529	0	20487	20454	9409	9241	18396	22737	7515	308	3507	38		
		TRUXTUN LAKES																		
		NORTH LAKE																		
		COUNTY OF KERN																		
		KERN VALLEY GOLF COURSE																		
		CALIFORNIA WATER SERVICE CO.																		
		OLDFESE WD																		
		2800 ACRE SPREADING	3628																	
		PIONEER PROJECT	2139																	
		BVSD VIA KDWD	4110																	
		KWB AT 2ND POINT	596																	
		BVSD VIA PIONEER PROJECT																		
		BVSD FOR LA HACIENDA INC.																		
		HACIENDA WD FOR KCWA																		
		ARVIN-EDISON TURNOUT	1543																	
		ROSEDALE RANCH ID																		
		TOTALS	948	48974	53683	27529	27529	0	20487	20454	9409	9241	18396	22737	7515	308	3507	38	16879	
		FLOW AT FIRST POINT	948	4220	676															
		LOSS		53194	54359															

NOTES:
 Eastside Exch. Less: from BVWS= 436
 RRBWSD: City to RRBWSD (Basic)= 9650
 Lerdo Exch. Less: NKWS to City= 5546
 (Release to meet First Point storage requirement)
 KCC&W Exch. Plus: NKWS to City (B/P)= 2729
 Lerdo (NKWS) Other: KRC&I 30% Ent'l= 262
 Pioneer Project: City for KCWA (Misc.)= 564
 Pioneer Project: City for KWB (Misc.)= 1575
 River Loss: City for KCWA (Misc.)= 2231
 KWB Canal: City for KWB (Misc.)= 4110
 KWB at 2nd Pt.: City for KWB (Misc.)= 596
 River Loss: BVWS via Pioneer Project= 167
 Cally: Exch. Less: HWD for KCWA= 518
 River Loss: HWD for KCWA= 168
 Arvin-Edison T.O.: City to A-EWSD (Misc.)= 1543
 NKWS/KCC&W Co. Ent'l: Reflects release to City (due to inability to divert natural flow ent'l)= 16879

TOTAL CHANGE IN STORAGE = 781

CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: April 2006 Recap

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)... 2075
 B.V.W.S.D. ENTITLEMENT... 43206
 SEEPAGE LOSS... 655
 KERN RIVER CONDUIT ENTITLEMENT... 26106
 HACIENDA W.D. ENTITLEMENT AT FIRST POINT... 8335
 TOTAL... 80377

QUANTITIES IN: ACRE-FEET

147043
 17861
 129192
 80377
 48815
 N/A

COMPUTED NATURAL FLOW AT FIRST POINT...
 LESS NON-CONTRIBUTING CANALS...
 FOR OTHERS AND FIRST POINT CANALS...
 TO BE CONTRIBUTED BY OTHER CANALS...
 TO BE USED BY OTHER CANALS...
 EACH OTHER CANAL TO RECEIVE...

% OF ITS DIVERSION RIGHT

RIVER STAGE	DIVERSION RIGHT	GROSS DIV/R	GROSS ENT'L	RELEASES		ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES				NET DIVERSIONS				WATER TRANS. LOSS			ISABELLA RESERVOIR		
				To River	Distribution	NKWS	KCC&W Co.	KOWD	OTHER	PLUS	LESS	NKWS	KCC&W Co.	KOWD	OTHER	DIR	PRD	IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE	
300.0	300 KERN ISLAND (1-ST)	7385	17851	2902	2075	14949	113	6	7272	1051					6708	8395	103	0	15000				
	EASTSIDE	1057	26106																				
320.0	20 CASTRO	119	143																				
330.5	10.5 KCC&W Co.	345	440																				
410.5	80 SOUTH FORK	238	40	77																			
530.5	120 BUENA VISTA (1-ST)	482	1805	228	2098	275																	
550.5	20 JAMES (1-ST)	2697	2395																				
700.5	160 ANDERSON (1-ST)	464	692																				
730.5	30 STINE	1504	3380	170	3220	369																	
880.5	150 MEACHAM	690	680	147	827																		
920.5	150 FARMERS	697	3390	286	3104	697																	
960.5	40 PLUNKET	891	61																				
1000.5	40 JOYCE	891	891																				
1000.5	40 JOHNSON	891	891																				
1130.5	130 PIONEER (1-ST)	2931	2931																				
1190.5	60 BEARDSLEY (1-ST)	292	1351			1351	575	4430	292														
1200.5	10 LERDO (NKWS)	17240	234																				
1240.5	40 ANDERSON (2-ND)	891	891																				
1240.5	10 JAMES & DIXON	121	121																				
1276.5	26 WILSON	113	113																				
1276.5	26 McCAFFREY	599	599			234																	
1376.5	100 McCORD	668	668																				
2226.5	860 LERDO 30%	1567	1567																				
2428.5	200 BEARDSLEY 70%	188	188																				
2516.5	90 CENTRAL 20%	2133	3536			3536	1373																
2696.5	170 CALLOWAY	196	14140																				
2868.5	170 NKWS 50%	655	655			655																	
3108.5	240 RAILROAD	2618	2618																				
3162.5	56 NKWS 80%	1085	1085																				
	BUENA VISTA (2-ND)	126	1002			957																	
	PIONEER (2-ND)	672	672																				
	BEARDSLEY (3-RD)	698	698			694																	
	66 KERN ISLAND (2-ND)	149	149			82																	
	ROSEDALE RBWSD	3249	1795																				
	TRUTUN LAKES	12	12																				
	NORTH LAKE	90	90																				
	COUNTY OF KERN	8	8																				
	KERN VALLEY GOLF COURSE	1043	1043																				
	CALIFORNIA WATER SERVICE CO.	21	21																				
	OLCESE WD	991	991																				
	2900 ACRE SPREADING	567	567																				
	FIRST POINT PASSING 2ND POINT	711	711																				
	PIONEER PROJECT	578	578																				
	BVWSD VIA KOWD	1454	1454																				
	BVWSD VIA RBWSD	46	46																				
	BVWSD FOR LA HACIENDA, INC.	79	79																				
	KERN WATER BANK CANAL	34	34																				
	THE PARK AT RIVER WALK	34	34																				
	ROSEDALE RANCH ID	3693	3693																				
TOTALS		1208	36629	94847	3913	0	35765	31578	24411	3693	7083	6275	10547	673	5297	0	5297						
	LOSS	1208	5952	655																			
	FLOW AT FIRST POINT	1208	42581	95502																			

TOTAL CHANGE IN STORAGE = 52286

NOTES:
 Kern Island Exch. Less: from BVWSD= 113
 Seaside Exch. Less: from BVWSD= 6
 Buena Vista Exch. Less: from BVWSD= 90
 Shine Exch. Less: from BVWSD= 369
 RBWSD: City to RBWSD= 1795
 RBWSD Exch. Less: BVWSD via RBWSD= 1454
 KCC&W Co. Exch. Plus: Mandatory Release= 4430
 Lerdo (NKWS): City to RBWSD= 8132
 Lerdo (NKWS): City to CWD (Basic)= 2295
 Lerdo (NKWS) Other: KRC&I 30% Ent'l= 381
 Lerdo Exch. Plus: KRC&I 30% Ent'l= 575
 Cally: (Central): City to K-TWD= 1855
 Cally: (Central): City to RGWD= 278
 River Loss: City to K-TWD= 716
 River Loss: City to RGWD= 107

CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: June 2006 Recap

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.563%)... 3898
 B.V.W.S.D. ENTITLEMENT... 75033
 SEEPAGE LOSS... 655
 KERN RIVER CONDUIT ENTITLEMENT... 38553
 HACIENDA W.D. ENTITLEMENT AT FIRST POINT... 32434
 TOTAL... 150513

QUANTITIES IN: ACRE-FEET

232520
 17851
 214669
 150513
 64156
 N/A % OF IT'S DIVERSION RIGHT

COMPUTED NATURAL FLOW AT FIRST POINT.....
 LESS NON-CONTRIBUTING CANALS.....
 FOR OTHERS AND FIRST POINT CANALS.....
 TO BE CONTRIBUTED BY OTHER CANALS.....
 TO BE USED BY OTHER CANALS.....
 EACH OTHER CANAL TO RECEIVE.....

RIVER STAGE	DIVERSION RIGHT		GROSS DIV/ENTL	GROSS ENT'L	RELEASES		ENTITLEMENT LESS RELEASES ... OR PLUS DISTRIBUTED RELEASES				EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS			WATER TRANS. LOSS		CURRENT BALANCE						
	AMT.	NAME OF CANAL			To River	Distribution	Direct	Pro	NKWS	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWS	KCC&W Co.	KDWD	OTHER	DIR	PRO	IN	OUT		
300.0	300	K.C.L. Co. ENTL @ 2ND PT.	3838	17851			3838												0	17369	264	6946	10159	
		EASTSIDE	23798	17851								306		23492					0	0	0	0	0	
		KERN RIVER CONDUIT	2463									28		2435					0	0	0	0	0	
320.0	20	CASTRO		38553				38553											0	0	0	0	0	
		KCC&W Co.		127															0	0	0	0	0	
300.5	10.5	SOUTH FORK	20	321															2931	27145	472	7939	21665	
410.5	80	BUENA VISTA (1-ST)	5071	1811															359	1474		2	1831	
530.5	120	JAMES (1-ST)	2717																347	8604	165	1020	7966	
550.5	20	ANDERSON (1-ST)	448																					
700.5	180	STINE	5035	3400																				
730.5	30	MEACHAM	680																					
880.5	150	FARMERS	2376	3400																				
920.5	40	PLUNKET	908																					
960.5	40	JOYCE	908																					
1000.5	40	JOHNSON	908																					
1130.5	130	PIONEER (1-ST)	2945																					
1180.5	60	BEARDSLEY (1-ST)	994	1357																				
		LERDO (NKWS)	41720																					
1200.5	10	ANDERSON (2-ND)	222																					
1240.5	40	JAMES & DIXON	908																					
1280.5	10	WILSON	133																					
		KCC&W Co.		89																				
1276.5	26	MCCAFFREY	587																					
		McCord	680																					
1376.5	100	LERDO 30%	1585																					
		BEARDSLEY 70%	3229																					
2228.5	850	CALLOWAY	29292	15407																				
		CALLOWAY	29292	15407																				
2426.5	200	RAILROAD	3622																					
		KCC&W Co. 20%	3622																					
2516.5	90	BUENA VISTA (2-ND)	2033																					
2696.5	180	JAMES (2-ND)	4007																					
2866.5	170	PIONEER (2-ND)	3751																					
3106.5	240	BEARDSLEY (3-RD)	5080																					
3162.5	56	KERN ISLAND (2-ND)	1130																					
		ROSEDALE RBWSD	15815																					
		TRUXTUN LAKES	175																					
		NORTH LAKE	175																					
		COUNTY OF KERN																						
		KERN VALLEY GOLF COURSE																						
		CALIFORNIA WATER SERVICE CO.																						
		OLCSE WD																						
		2800 ACRE SPREADING	8970																					
		PIONEER PROJECT	24748																					
		BVWSD VIA/FOR KDWD																						
		HWD FOR KCWA																						
		KERN WATER BANK CANAL	8358																					
		OTHERS MANDATORY RELEASE																						
		HWD VIA CWD																						
		BVWSD FOR Lr HACIENDA, INC.																						
		BVWSD VIA RBWSD	7710																					
		ARVIN-EDISON TURNOUT	361																					
		THE PARK AT RIVER WALK																						
		ROSEDALE RANCH ID																						
TOTALS			179535	124398	961	961	0	42536	44311	29152	8399	50968	59012	70841	37904	1242	9422	9422						
		LOSS	10076	655																				
		FLOW AT FIRST POINT	2128	189611																				

TOTAL CHANGE IN STORAGE = -19900

NOTES:
 Kern Island Exch. Less: from BVWSD= 306
 Eastside Exch. Less: from BVWSD= 28
 Buena Vista Exch. Less: from BVWSD= 20
 Buena Vista Exch. Plus: Mandatory Release= 46
 Stine Exch. Less: from BVWSD= 54
 Stine Exch. Plus: Mandatory Release= 361
 Farmers Exch. Less: from BVWSD= 6
 Farmers Exch. Plus: Mandatory Release= 18
 Pion. Proj. Exch. Less: BVWSD for KDWD= 646
 RBWSD: City to RBWSD= 9938
 RBWSD Exch. Less: BVWSD via RBWSD= 5877
 Pioneer Project: City to RBWSD= 645
 KCC&W Co. Exch. Plus: Mandatory Release= 30644
 Lerdo (NKWS) Exch. Plus: Mand. Rel.= 7360
 Lerdo (NKWS) Other: KRC&I 30% Ent'l= 228
 Lerdo (NKWS): City to CWD (Basic)= 9382
 Lerdo Exch. Less: HWD via CWD= 1926
 River Less: HWD for KCWA= 300
 Cally, (Central): City to K-TWD= 2805
 Cally, (Central): City to RGWD= 424
 River Less: City to K-TWD= 1325
 River Less: City to RGWD= 196
 Pion. Proj. Exch. Less: HWD for KCWA= 1240
 North Lake Exch. Less: HWD for KCWA= 32
 River Walk Exch. Less: HWD for KCWA= 69

CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: July 2006 Recap

106756	1361
16446	24565
86310	676
73066	25345
15244	21119
N/A	73066

COMPUTED NATURAL FLOW AT FIRST POINT.....
 LESS NON-CONTRIBUTING CANALS.....
 FOR OTHERS AND FIRST POINT CANALS.....
 TO BE CONTRIBUTED BY OTHER CANALS.....
 TO BE USED BY OTHER CANALS.....
 EACH OTHER CANAL TO RECEIVE.....

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

QUANTITIES IN: ACRE-FEET

% OF IT'S DIVERSION RIGHT

RIVER STAGE	DIVERSION RIGHT		GROSS		RELEASES		ENTITLEMENT LESS RELEASES		EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS		WATER TRANS. LOSS		ISABELLA RESERVOIR					
	AMT.	NAME OF CANAL	DIV'R	ENT'L	To River	Distribution	... OR PLUS DISTRIBUTED	OR PURCHASES	PLUS	LESS	AKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
300.0	300	K.C.L. Co. ENT'L @ 2ND PT.	24049	18446			1361	18446				22159			0	10159	196	5982		3961
		KERN ISLAND (1-ST)	2580									2269								
		EASTSIDE																		
320.0	20	KERN RIVER CONDUIT						25345												
		CASTRO																		
		KCCAW Co.																		
300.5	10.3	SOUTH FORK	30	93				491												
300.5	80	BUENA VISTA (1-ST)	5302	771																
530.5	120	JAMES (1-ST)																		
530.5	20	ANDERSON (1-ST)																		
700.5	160	STINE																		
730.5	30	MEACHAM																		
800.5	150	FARMERS	2942	1454																
920.5	40	PLUNKET																		
960.5	40	JOYCE																		
1000.5	40	JOHNSON																		
1130.5	130	PIONEER (1-ST)																		
1190.5	60	BEARDSLEY (1-ST)	607	581																
		LEDDO (NKWSD)	38499																	
1200.5	10	ANDERSON (2-ND)																		
1240.5	40	JAMES & DIXON																		
1260.5	10	WILSON																		
		KCCAW Co.																		
1276.5	26	McCAFFREY																		
		McCORD																		
1376.5	100	LEDDO 30% BEARDSLEY 70%																		
		CALLOWAY																		
2226.5	650	NKWSD 80% KCCAW Co. 20%	3379	893																
		RAILROAD																		
2466.5	200	NKWSD 80%																		
2516.5	90	BUENA VISTA (2-ND)																		
2596.5	180	JAMES (2-ND)																		
2866.5	170	PIONEER (2-ND)																		
3106.5	240	BEARDSLEY (3-RD)																		
3162.5	65	KERN ISLAND (2-ND)																		
		ROSEDALE BEIWS	12946																	
		TRUXTUN LAKES																		
		NORTH LAKE																		
		COUNTY OF KERN	54																	
		KERN VALLEY GOLF COURSE																		
		CALIFORNIA WATER SERVICE CO.																		
		OLCSE WD																		
		PIONEER PROJECT	3507																	
		BEIWS VIA FOR KDWD	10152																	
		HWD FOR KCWA																		
		KERN WATER BANK CANAL																		
		HWD VIA KDWD																		
		HWD VIA CWD																		
		BEIWS FOR LA HACIENDA, INC.																		
		BEIWS VIA FOR RRBWSD																		
		HWD FOR BEIWS																		
		THE PARK AT RIVER WALK	92																	
		ROSEDALE RANCH ID																		
TOTALS			2428	133031	60396	351	351	0	10276	26680	21855	1365	39160	37871	51862	17273	37336	1097	4680	0
		LOSS																		
		FLOW AT FIRST POINT	2428	138388	61072															

NOTES:
 Kern Island Exch. Less: from BEIWS= 1261
 Kern Island Exch. Less: from HWD= 629
 Eastside Exch. Less: from BEIWS= 206
 Eastside Exch. Less: from HWD= 105
 Buena Vista Exch. Less: from BEIWS= 98
 Buena Vista Exch. Less: from HWD= 78
 Stine Exch. Less: from BEIWS= 577
 Stine Exch. Less: from HWD= 188
 Farmers Exch. Less: from BEIWS= 6
 Plon. Proj. Exch. Less: BEIWS for KDWD= 3258
 RRBWSD: City to RRBWSD= 2184
 RRBWSD Exch. Less: BEIWS via RRBWSD= 10762
 Pioneer Project / 2800 Ac. City to RRBWSD= 797
 River Loss: BEIWS to RRBWSD= 462
 Lendo (NKWSD): City to CWD (Basic)= 6400
 Lendo Exch. Less: HWD via CWD= 827
 Lendo (NKWSD) Other: KCC&W 30% Ent'l= 371
 Lendo Exch. Plus: City to NKWSD (Basic)= 10000
 River Loss: HWD for KCWA= 468
 Cally: (Central): City to K-TWD= 2860
 Cally: (Central): City to RGWD= 430
 River Loss: City to K-TWD= 2360
 Plon. Proj. Exch. Less: HWD for KCWA= 352
 North Lake Exch. Less: HWD for KCWA= 6428
 River Walk Exch. Less: HWD for KCWA= 1980
 2800 Ac. Exch. Less: HWD for KCWA= 1980
 2800 Ac. Exch. Less: BEIWS for KDWD= 1196
 River Loss: BEIWS for KDWD= 369

TOTAL CHANGE
 IN STORAGE = -54289

CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: September, 2006 Recap

COMPUTED NATURAL FLOW AT FIRST POINT
 LESS NON-CONTRIBUTING CANALS.....
 FOR OTHERS AND FIRST POINT CANALS.....
 TO BE CONTRIBUTED BY OTHER CANALS.....
 TO BE USED BY OTHER CANALS.....
 EACH OTHER CANAL TO RECEIVE.....

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

21072
 17815
 3257
 655
 2602
 N/A

QUANTITIES IN: ACRE-FEET

RIVER STAGE	DIVERSION RIGHT		RELEASES		ENTITLEMENT LESS RELEASES			EXCHANGES, SALES OR PURCHASES		NET DIVERSIONS			WATER		ISABELLA RESERVOIR						
	AMT.	NAME OF CANAL	GROSS DIV'R	GROSS ENTL	To River	Direct	Distribution Pro	... NKWSD	OR PLUS DISTRIBUTED RELEASES	PLUS	LESS	NKWSD	KCC&W Co.	KOWD	OTHER	DIR	PRO	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
300.0	300	KERN ISLAND (1-ST)	1742	17815	6004			11811						11742			69	2500	69	0	2500
		EASTSIDE	948																		
320.0	20	CASTRO		194		103															
		KERN RIVER CONDUIT																			
		KCC&W Co.		528		365		1190													
330.5	10.5	SOUTH FORK	16	329		295															
410.5	80	BUENA VISTA (1-ST)	2882	1355		2908		4263													
530.5	120	JAMES (1-ST)		196		2333		2529													
550.5	20	ANDERSON (1-ST)																			
700.5	160	STINE	1599																		
730.5	30	MEACHAM																			
880.5	160	FARMERS	577																		
920.5	40	PLUNKET																			
960.5	40	JOYCE																			
1000.5	40	JOHNSON																			
1130.5	130	PIONEER (1-ST)																			
1190.5	60	BEARDSLEY (1-ST)	295																		
		LERDO (NKWSD)	19806																		
1200.5	10	ANDERSON (2-ND)																			
1240.5	40	JAMES & DIXON																			
1250.5	10	WILSON																			
		KCC&W Co.																			
1276.5	26	McCAFFREY																			
		LERDO 30%																			
1376.5	100	BEARDSLEY 70%																			
		CENTRAL 20%	1712																		
2226.5	850	CALLOWAY																			
		NKWSD 80%																			
		RAILROAD																			
2426.5	200	KCC&W Co. 20%																			
		NKWSD 80%																			
2576.5	90	BUENA VISTA (2-ND)																			
2656.5	180	JAMES (2-ND)																			
2866.5	170	PIONEER (2-ND)																			
3106.5	240	BEARDSLEY (2-ND)																			
3162.5	36	KERN ISLAND (2-ND)																			
		ROSDALE RBWSD	1640																		
		TRUXTUN LAKES																			
		NORTH LAKE																			
		COUNTY OF KERN																			
		KERN VALLEY GOLF COURSE																			
		CALIFORNIA WATER SERVICE CO.																			
		OLCISE WD																			
		2800 ACRE SPREADING																			
		PIONEER PROJECT	411																		
		BIWSD VIA KOWD																			
		BIWSD FOR WEST KERN WD																			
		BIWSD VIA CWD																			
		BIWSD FOR Lr HACIENDA, INC.																			
		BIWSD VIA/FOR RBWSD																			
		CITY to HWD (Trans. Loss Assignment)																			
		ROSDALE RANCH ID																			
TOTALS			1902	41629	20417	6004	0	2529	1190	16074	624	13573	13073	14138	3446	15495	312	1062	478	1540	
		LOSS		2194	655																
		FLOW AT FIRST POINT	1902	43823	21072																

TOTAL CHANGE IN STORAGE = -17641

NOTES:

Eastside Exch. Less: from BVWSD= 948

Stine Exch. Less: from BVWSD= 1305

RRBWSW Exch. Less: BVWSD via RRBWSW= 1640

Lerdo Exch. Less: BVWSD via CWD= 5688

Beardsley Exch. Less: KCR&I to City= 1428

Plan. Proj. Exch. Less: BVWSD for WKWD= 411

Cally. (Central): City to K-TWD= 1466

Cally. (Central): City to RGWD= 226

River Loss: City to K-TWD= 444

River Loss: City to RGWD= 61

River Loss: BVWSD for RRBWSW= 500

CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: November 2006 Recap

COMPUTED NATURAL FLOW AT FIRST POINT.....
 LESS NON-CONTRIBUTING CANALS.....
 FOR OTHERS AND FIRST POINT CANALS.....
 TO BE CONTRIBUTED BY OTHER CANALS.....
 TO BE USED BY OTHER CANALS.....
 EACH OTHER CANAL TO RECEIVE.....

K.C.L. CO. ENTITLEMENT AT SECOND POINT (4.663%)...
 B.V.W.S.D. ENTITLEMENT.....
 SEAPAGE LOSS.....
 KERN RIVER CONDUIT ENTITLEMENT.....
 HACIENDA W.D. ENTITLEMENT AT FIRST POINT.....
 TOTAL.....

QUANTITIES IN: ACRE-FEET
 % OF ITS DIVERSION RIGHT

17542
 16470
 1072
 655
 477
 N/A

RIVER STAGE	AMT.	DIVERSION RIGHT		GROSS DIV'R	GROSS ENT'L	RELEASES		ENTITLEMENT LESS RELEASES			EXCHANGES, SALES OR PURCHASES			NET DIVERSIONS			WATER TRANS. LOSS		ISABELLA RESERVOIR			
		NAME OF CANAL	K.C.L. Co. ENT'L @ 2ND PT.			To River	Distribution	... MKWSD	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWSD	KCC&W Co.	KDWD	OTHER	DIR	PRO	PREVIOUS BALANCE	LOSS	OUT
300.0	300	KERN ISLAND (1-ST)	18470	2674	18470	13768												28	2500	28	0	2500
		EASTSIDE	428																			
320.0	20	CASTRO	54		54																	
		KCC&W Co.	145		145																	
300.5	10.9	SOUTH FORK	91		91																	
410.5	80	BUENA VISTA (1-ST)	127		127																	
530.5	120	JAMES (1-ST)	651		651																	
550.5	20	ANDERSON (1-ST)	6950		6950																	
700.5	160	STINE	2110		2110																	
730.5	30	MEACHAM	703		703																	
890.5	150	FARMERS	960		960																	
920.5	40	PLUNKET																				
960.5	40	JOYCE																				
1000.5	40	JOHNSON																				
1190.5	130	PIONEER (1-ST)																				
1190.5	60	BEARDSLEY (1-ST)																				
1200.5	70	LEDO (NKWSD)	13140		13140																	
1240.5	40	JAMES & DIXON																				
1260.5	10	WILSON																				
		KCC&W Co.																				
1276.5	26	McCAFFREY																				
		McCORD																				
1376.5	100	LEDO 30% BEARDSLEY 70%																				
2226.5	850	CALLOWAY																				
		NKWSD 80%																				
2488.5	200	RAILROAD																				
		NKWSD 80%																				
2576.5	90	BUENA VISTA (2-ND)																				
2696.5	180	JAMES (2-ND)																				
2868.5	170	PIONEER (2-ND)																				
3106.5	240	BEARDSLEY (3-RD)																				
3162.5	66	KERN ISLAND (2-ND)																				
		ROSEDALE RWSD																				
		TRUTUN LAKES																				
		NORTH LAKE																				
		COUNTY OF KERN																				
		KERN VALLEY GOLF COURSE																				
		CALIFORNIA WATER SERVICE CO.																				
		OLCSESE WD																				
		BYWSD VIA KDWD																				
		BYWSD VIA/FOR CWD																				
		BYWSD FOR LA HACIENDA, INC.																				
		BYWSD FOR ID4																				
		BYWSD TRANSFER TO CITY																				
TOTALS			1248	17864	16887	13891	0	8645	1190	6427	625	9917	9633	10293	1212	4316	0	475	221			
		LOSS			655																	
		FLOW AT FIRST POINT	1248	19236	17542																	

TOTAL CHANGE IN STORAGE = 1549

NOTES:

Estate Exch. Less: from BYWSD= 428

Beardsley Exch. Less: KCR&I to City= 1067

Lerdo Exch. Less: BYWSD via/for CWD= 2847

River Loss: BYWSD for ID4= 284

South Fork transfer to City: in excess of carryover storage requirements 3265

CITY OF BAKERSFIELD KERN RIVER FIRST POINT FLOW AND DIVERSION RECORD

Date: December 2006 Recap

20604
18049
2555
676
1879
N/A

COMPUTED NATURAL FLOW AT FIRST POINT.....
LESS NON-CONTRIBUTING CANALS.....
FOR OTHERS AND FIRST POINT CANALS.....
TO BE CONTRIBUTED BY OTHER CANALS.....
TO BE USED BY OTHER CANALS.....
EACH OTHER CANAL TO RECEIVE.....

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

RELEASURES

To River 10632

Distribution

Direct Pro

ENTITLEMENT LESS RELEASES

OR PLUS DISTRIBUTED RELEASES

EXCHANGES, SALES OR PURCHASES

NET DIVERSIONS

WATER TRANS. LOSS

ISABELLA RESERVOIR

RIVER STAGE	AMT.	DIVERSION RIGHT	NAME OF CANAL	GROSS DIV'R	GROSS ENT'L	RELEASURES		ENTITLEMENT LESS RELEASES				EXCHANGES, SALES OR PURCHASES			NET DIVERSIONS				WATER TRANS. LOSS		ISABELLA RESERVOIR			
						To River	Distribution	NKWS	KCC&W Co.	KDWD	OTHER	PLUS	LESS	NKWS	KCC&W Co.	KDWD	OTHER	DIR	PRO	IN	PREVIOUS BALANCE	LOSS	OUT	CURRENT BALANCE
300.0	300		KERN ISLAND (1-ST)	7361	18049	10632		7417								14	2500	14	0	2500				
			EASTSIDE	280																				
			KERN RIVER CONDUIT																					
320.0	20		CASTRO		163																			
			KCC&W Co.		428																			
330.5	10.5		SOUTH FORK		266																			
			KCC&W Co.		266																			
410.5	80		BUENA VISTA (1-ST)	1267	643			1882																
			KCC&W Co.		379																			
530.5	120		JAMES (1-ST)		588																			
			KCC&W Co.		379																			
550.5	20		ANDERSON (1-ST)																					
			KCC&W Co.																					
700.5	160		STINE																					
			KCC&W Co.																					
790.5	30		MEACHAM																					
			KCC&W Co.																					
890.5	150		FARMERS																					
			KCC&W Co.																					
920.5	40		PLUNKET																					
			KCC&W Co.																					
960.5	40		JOYCE																					
			KCC&W Co.																					
1000.5	40		JOHNSON																					
			KCC&W Co.																					
1130.5	130		PIONEER (1-ST)																					
			KCC&W Co.																					
1190.5	60		BEARDSLEY (1-ST)																					
			KCC&W Co.																					
1200.5	10		ANDERSON (2-ND)	7139																				
			KCC&W Co.																					
1240.5	40		JAMES & DIXON																					
			KCC&W Co.																					
1250.5	10		WILSON																					
			KCC&W Co.																					
1278.5	26		MCCAFFREY																					
			KCC&W Co.																					
1376.5	100		McCORD																					
			KCC&W Co.																					
2226.5	850		CALLOWAY																					
			KCC&W Co.																					
2426.5	200		RAILROAD																					
			KCC&W Co.																					
2516.5	90		BUENA VISTA (2-ND)																					
			KCC&W Co.																					
2696.5	180		JAMES (2-ND)																					
			KCC&W Co.																					
2866.5	170		PIONEER (2-ND)																					
			KCC&W Co.																					
3106.5	240		BEARDSLEY (3-RD)																					
			KCC&W Co.																					
3162.5	56		KERN ISLAND (2-ND)																					
			KCC&W Co.																					
			ROSEDALE RBWSD																					
			TRUKTUN LAKES																					
			NORTH LAKE																					
			COUNTY OF KERN																					
			KERN VALLEY GOLF COURSE																					
			CALIFORNIA WATER SERVICE CO.																					
			OLCESE WD																					
			2800 ACRE SPREADING	285																				
			GLENN GRUNDEIS																					
			MICHAEL HARVICK																					
			JOY CORDOVA																					
			BVWSD VIA KDWD																					
			NKWS FOR ID4																					
			BVWSD FOR LA HACIENDA, INC.																					
			NKWS FOR CWD																					
			BVWSD TRANSFER TO 1ST. PT. GRP.																					
TOTALS				910	16312	19928	11194	0	8792	1230	9906	0	762	679	10	6899	1287	8628	0	660	102	762		
			LOSS	1438	676																			
			FLOW AT FIRST POINT	910	17750	20604																		

TOTAL CHANGE IN STORAGE = 1634

NOTES:

Eastside Exch. Less: from BVWSD= 260

KCC&W Exch. Plus: NKWS to City (BP)= 261

Lerdo (NKWS): City to NKWS (Misc.)= 104

2800 Acre Spreading: City to RBWSD= 285

River Loss: NKWS for ID4= 103

Lerdo Exch. Less: NKWS for CWD= 136

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

ISABELLA DAM & LAKE
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

Units in acre-feet

JANUARY

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	318	318	318	318	318	318	318	318	318	318	318	318	318	318	328	322	318	317	317	425	564	371	339	354	348	347			
1955	9639	9705	9751	9782	9828	9866	9887	9935	9981	10012	10103	10162	10180	10160	10160	10177	10226	10269	10324	10209	10177	10177	10177	10168	10168	10168	10168	10168	10168	10168	10168			
1956	78623	80916	81717	82627	83262	83714	84353	84842	85318	85856	86332	86308	86308	86308	86308	86308	86308	86308	86308	86308	86308	86308	86308	86308	86308	86308	86308	86308	86308	86308	86308			
1957	130263	130263	130213	130213	130162	130162	130162	130112	130062	130062	130062	130062	130062	130062	130062	130062	130062	130062	130062	130062	130062	130062	130062	130062	130062	130062	130062	130062	130062	130062	130062			
1958	101413	101413	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328	101328			
1959	19047	193781	197916	197786	197786	197786	197786	197786	197786	197786	197786	197786	197786	197786	197786	197786	197786	197786	197786	197786	197786	197786	197786	197786	197786	197786	197786	197786	197786	197786	197786			
1960	71975	71542	71609	71509	71509	71509	71509	71509	71542	71542	71609	71609	71609	71609	71609	71609	71609	71609	71609	71609	71609	71609	71609	71609	71609	71609	71609	71609	71609	71609	71609			
1961	23101	29101	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082	29082			
1962	17824	17824	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811	17811			
1963	82949	82949	82811	82811	82744	82744	82736	82736	82736	82736	82736	82736	82736	82736	82736	82736	82736	82736	82736	82736	82736	82736	82736	82736	82736	82736	82736	82736	82736	82736	82736			
1964	169883	169883	169882	169882	169881	169871	169871	169871	169871	169871	169871	169871	169871	169871	169871	169871	169871	169871	169871	169871	169871	169871	169871	169871	169871	169871	169871	169871	169871	169871	169871	169871		
1965	118883	118820	118900	120011	120628	121352	122427	122564	123403	123403	123403	123403	123403	123403	123403	123403	123403	123403	123403	123403	123403	123403	123403	123403	123403	123403	123403	123403	123403	123403	123403	123403		
1966	171193	171073	170891	170799	170588	170467	170346	170243	170164	170043	169922	169802	169682	169562	169442	169322	169202	169082	168962	168842	168722	168602	168482	168362	168242	168122	168002	167882	167762	167642	167522	167402		
1967	309682	302852	302286	297251	293058	288301	283427	278678	274286	270475	266252	263707	260923	257110	253885	250331	247399	244640	241578	238880	235621	232447	229127	225747	222300	218799	215244	211636	207976	204264	200500	196684		
1968	198971	188806	188806	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740	188740		
1969	124431	124381	124381	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431	124431		
1970	223326	225256	225046	224767	224637	224627	224627	224627	224627	224627	224627	224627	224627	224627	224627	224627	224627	224627	224627	224627	224627	224627	224627	224627	224627	224627	224627	224627	224627	224627	224627	224627		
1971	172219	172582	172703	172703	172703	172703	172684	172684	172684	172684	172684	172684	172684	172684	172684	172684	172684	172684	172684	172684	172684	172684	172684	172684	172684	172684	172684	172684	172684	172684	172684	172684		
1972	123289	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	123089	
1973	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	55945	
1974	206281	206347	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	206414	
1975	223930	224000	223930	223830	224000	224139	224278	224627	224837	224837	225116	225116	225116	225116	225116	225116	225116	225116	225116	225116	225116	225116	225116	225116	225116	225116	225116	225116	225116	225116	225116	225116	225116	
1976	170319	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	170190	
1977	67668	67827	67930	67930	67930	67930	67668	67668	67668	67668	67668	67668	67668	67668	67668	67668	67668	67668	67668	67668	67668	67668	67668	67668	67668	67668	67668	67668	67668	67668	67668	67668	67668	
1978	44680	44226	44543	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	44558	
1979	244755	244580	244606	244904	245203	245128	245203	245203	245203	245203	245203	245203	245203	245203	245203	245203	245203	245203	245203	245203	245203	245203	245203	245203	245203	245203	245203	245203	245203	245203	245203	245203	245203	
1980	208970	208700	208700	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	208946	
1981	229741	229669	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741	229741
1982	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894	183894
1983	251325	251120	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938	250938
1984	312867	311823	311423	311654	311940	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771	311771
1985	244979	244629	244680	244333	244035	243787	244035	244035	244035	244035	244035	244035	244035	244035	244035	244035	244035	244035	244035	244035	244035	244035	244035	244035	244035	244035	244035	244035	244035	244035	244035	244035	244035	244035
1986	195573	195845	195841	195827	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854	195854
1987	244011	243836	244011	244331	244680	245278	245427	245427	245427	245																								

**ISABELLA DAM & LAKE
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE**

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	530	546	566	590	609	639	650	663	654	679	761	1104	2124	3460	5028	6649	8045	9548	11115	12740	14570	16144	17408	18696	20590	22070	23322	
1955	7058	6734	6438	6140	5855	5554	5286	5062	4876	4682	4534	4411	4422	4408	4419	4428	4445	4442	4422	4375	4330	4300	4272	4261	4269	4289	4340	4503	4782	5084	5405
1956	138506	129811	131176	132359	133342	134628	136714	137137	136618	140206	142026	144521	146553	148526	150361	152094	154163	155946	157338	159214	160667	162226	163892	165642	167465	169328	170406	171557	172528	173615	
1957	127954	127452	127000	126749	126488	126148	125806	125482	125181	124902	124643	124407	124193	123999	123824	123668	123532	123415	123315	123230	123159	123101	123054	123027	123009	123000	123000	123000	123000	123000	
1958	141105	142567	145444	147748	150249	152949	155946	159249	162949	167049	171549	176549	182049	188049	194549	201549	209049	217049	225549	234549	244049	254049	264549	275549	287049	299049	311549	324549	338049	352049	
1959	196988	190752	191008	191200	191328	191448	191568	191688	191808	191928	192048	192168	192288	192408	192528	192648	192768	192888	193008	193128	193248	193368	193488	193608	193728	193848	193968	194088	194208	194328	
1960	91684	92654	92454	92014	91454	90774	90034	89254	88434	87574	86684	85764	84824	83864	82884	81884	80864	79824	78764	77684	76584	75464	74324	73174	72014	70834	69634	68414	67174	65924	
1961	28213	28249	28372	28595	28984	29584	30344	31284	32424	33764	35304	36944	38684	40524	42464	44504	46644	48884	51224	53664	56204	58844	61584	64424	67364	70404	73544	76784	80124	83564	
1962	35038	34828	34628	34434	34244	34054	33864	33674	33484	33294	33104	32914	32724	32534	32344	32154	31964	31774	31584	31394	31204	31014	30824	30634	30444	30254	30064	29874	29684	29494	
1963	183664	184200	184734	185268	185802	186336	186870	187404	187938	188472	189006	189540	190074	190608	191142	191676	192210	192744	193278	193812	194346	194880	195414	195948	196482	197016	197550	198084	198618	199152	
1964	159038	159572	160106	160640	161174	161708	162242	162776	163310	163844	164378	164912	165446	165980	166514	167048	167582	168116	168650	169184	169718	170252	170786	171320	171854	172388	172922	173456	173990	174524	
1965	117829	118066	118400	118734	119068	119402	119736	120070	120404	120738	121072	121406	121740	122074	122408	122742	123076	123410	123744	124078	124412	124746	125080	125414	125748	126082	126416	126750	127084	127418	
1966	154544	155444	157444	157444	157444	157444	157444	157444	157444	157444	157444	157444	157444	157444	157444	157444	157444	157444	157444	157444	157444	157444	157444	157444	157444	157444	157444	157444	157444	157444	
1967	201760	202860	204223	205959	207998	210388	213178	216418	220158	224398	229138	234378	239918	245858	252198	258938	266078	273618	281558	289898	298638	307778	317318	327258	337598	348338	359478	371018	383058	395598	
1968	205447	207482	209804	212454	216384	221754	228824	236754	245684	255654	266724	278944	292364	307004	322924	340204	358904	379084	400804	424124	449104	475804	504204	534304	566104	600604	637804	677804	720604	766204	814604
1969	175005	175439	175255	173551	171327	173855	170777	168794	165173	162004	159102	157204	156688	156117	155484	154864	154264	153684	153124	152584	152064	151564	151084	150624	150184	149764	149364	148984	148624	148284	
1970	261725	261041	260359	259684	259014	258344	257674	257004	256334	255664	255004	254334	253664	253004	252334	251664	251004	250334	249664	249004	248334	247664	247004	246334	245664	245004	244334	243664	243004	242334	
1971	168000	166889	165702	164438	163002	161502	160002	158502	157002	155502	154002	152502	151002	149502	148002	146502	145002	143502	142002	140502	139002	137502	136002	134502	133002	131502	130002	128502	127002	125502	
1972	116312	116325	115998	115718	115352	114741	114278	113711	113129	112522	111891	111236	110559	109861	109151	108428	107692	106943	106181	105406	104618	103818	102996	102152	101296	100428	99540	98632	97704	96756	
1973	90893	91378	91677	91487	91378	91378	91378	91378	91378	91378	91378	91378	91378	91378	91378	91378	91378	91378	91378	91378	91378	91378	91378	91378	91378	91378	91378	91378	91378	91378	
1974	227760	224728	223769	220705	216239	210434	203362	195106	185802	175502	164202	151902	138602	125302	112002	98702	86002	74002	62702	52002	41902	32402	23502	15202	7602	0	0	0	0	0	0
1975	210901	210387	210165	210165	210165	210165	210165	210165	210165	210165	210165	210165	210165	210165	210165	210165	210165	210165	210165	210165	210165	210165	210165	210165	210165	210165	210165	210165	210165	210165	
1976	159088	159519	159584	159584	159584	159584	159584	159584	159584	159584	159584	159584	159584	159584	159584	159584	159584	159584	159584	159584	159584	159584	159584	159584	159584	159584	159584	159584	159584	159584	
1977	6352	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	63083	
1978	26074	26487	26836	271332	274830	279765	285291	291415	298145	305480	313420	321964	331112	340864	351220	362184	373756	385936	398724	412120	426124	440736	455956	471784	488120	505064	522616	540784	559568	578968	
1979	279953	286339	281887	282358	284153	286291	289755	294515	299580	305952	313632	322612	332892	344472	357352	371532	387012	403792	421872	441252	461932	483912	507292	532072	558252	584832	611812	639192	666972	695152	
1980	361432	359685	358035	356287	354510	352702	350864	349006	347128	345230	343312	341374	339416	337438	335430	333402	331364	329316	327258	325190	323112	321024	318926	316818	314700	312572	310434	308286	306128	303960	
1981	241485	241783	242183	242450	242681	242871	243048	243205	243342	243460	243559	243639	243700	243742	243774	243796	243808	243810	243802	243784	243756	243718	243670	243612	243544	243466	243378	243280	243172	243054	
1982	213210	214687	216249	217988	220898	224984	230268	236862	244774	254008	264674	276782	289342	302364	315842	330780	347198	364198	381698	400698	421198	443198	466698	491698	518198	546198	575698	606698	639198	673198	
1983	469046	470615	472600	473762	473236	471978	470196	467896	465184	463066	461542	460618	460294	460570	461446	462922	464998	467674	470950	474826	479302	484378	490054	496330	503206	510682	519758	530434	542710	556586	
1984	277384	278688	280114	281243	282453	283663	284873	286083	287293	288503	289713	290923	292133	293343	294553	295763	296973	298183	299393	300603	301813	303023	304233	305443	306653	307863	309073	310283	311493	312703	
1985	233425	234515	235599	237278	239335	242376	246904	252930	259456	266482	274008	282134	290860	299286	308412	318138	328464	339390	350916	363042	375768	389094	403020	417546	432672	448398	464724	481650	499176	517302	
1986	45321	458119	43264	43264	43264	43264	43264	43264	43264	43264	43264	43264	43264	43264	43264	43264	43264	43264	43264	43264	43264	43264	43264	43264	43264	43264	43264	43264	43264	43264	
1987	240093	240304	240320	240600	240820	241116	241498	241966	242520	243170	243916	244758	245696	246730	247860	249086	250418	251856	253398	255046	256798	258654	260614	262678	264846	267118	269494	271978	274570	277270	
1988	128070	128970	128920	128970	128920	128970	128920	128970	128920	128970	128920	128970	128920	128970	128920	128970	128920	128970	128920	128970	128920	128970	128920	128970	128920	128970	128920	128970	128920	128970	
1989	100460	109708	111146	112552	114015	115538	117261	119168	121260	123448	125842	128442	131154	134078	137224	140602	144226	148098	152228	156614	161266	166194	17140								

ISABELLA DAM & LAKE
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

Units in acre-feet

MAY

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	24987	25800	27060	28752	30787	33086	35652	38308	40910	42524	44513	46388	48500	50632	52450	54960	59348	60040	63089	65194	68504	70430	72232	73805	75100	76304	77312	78036	79770	80574	
1955	6009	6400	6560	6705	6862	7110	7453	7957	8381	8804	9168	10168	11090	11911	12411	12646	12933	13290	13841	14635	15526	16717	17940	19230	19820	20443	21152	22283	23816	25582	26638	
1956	174522	175552	176844	179003	181102	183035	184859	186505	187988	189354	190616	191816	192936	193976	194940	195840	196675	197445	198150	198790	199365	200000	200625	201250	201875	202500	203125	203750	204375	205000	205625	
1957	125395	125063	124819	124271	123494	122307	120746	118759	116289	113364	109944	106059	101739	97004	91804	86199	80209	73854	67174	60209	52989	45544	37904	30099	22159	14204	6254	-1804	-4504	-8654	-12254	
1958	293327	321600	344411	373964	424242	474776	525318	575859	626399	676899	727399	777899	828399	878899	929399	979899	1030399	1080799	1131199	1181599	1231999	1282399	1332799	1383199	1433599	1483999	1534399	1584799	1635199	1685599	1735999	
1959	19219	19935	20337	20739	21141	21543	21945	22347	22749	23151	23553	23955	24357	24759	25161	25563	25965	26367	26769	27171	27573	27975	28377	28779	29181	29583	29985	30387	30789	31191	31593	
1960	11742	11952	12162	12372	12582	12792	13002	13212	13422	13632	13842	14052	14262	14472	14682	14892	15102	15312	15522	15732	15942	16152	16362	16572	16782	16992	17202	17412	17622	17832	18042	
1961	35204	35497	35830	36165	36500	36835	37170	37505	37840	38175	38510	38845	39180	39515	39850	40185	40520	40855	41190	41525	41860	42195	42530	42865	43200	43535	43870	44205	44540	44875	45210	
1962	88320	90455	92145	93814	95478	97142	98806	100470	102134	103798	105462	107126	108790	110454	112118	113782	115446	117110	118774	120438	122102	123766	125430	127094	128758	130422	132086	133750	135414	137078	138742	
1963	172464	173009	173312	173554	173742	173880	173978	174036	174054	174036	173984	173898	173778	173616	173414	173182	172910	172608	172276	171914	171522	171100	170658	170196	169714	169212	168690	168148	167586	167004	166402	
1964	15911	163340	165705	167604	169068	170128	170832	171132	171182	171002	170692	170252	169682	168982	168152	167192	166112	164922	163622	162212	160692	159062	157322	155472	153522	151472	149322	147072	144722	142272	139722	137022
1965	177594	176818	180300	181657	183161	184671	186181	187691	189201	190711	192221	193731	195241	196751	198261	199771	201281	202791	204301	205811	207321	208831	210341	211851	213361	214871	216381	217891	219401	220911	222421	
1966	177020	179369	182491	186345	190934	196268	202357	209201	216811	225181	234321	244231	254911	266361	278581	291571	305331	319861	335161	351221	368041	385621	403961	423161	443221	464141	485921	508561	532061	556421	581641	
1967	184981	185547	185925	186166	186286	186296	186196	186006	185726	185356	184896	184346	183706	182986	182186	181306	180346	179306	178186	177006	175766	174466	173106	171686	170206	168666	167066	165406	163686	161906	160066	
1968	224488	225353	226516	227958	229683	231693	233998	236598	239498	242698	246198	250000	254100	258500	263200	268200	273500	279100	285000	291200	297700	304500	311600	319000	326700	334700	343000	351600	360500	369700	379200	
1969	177020	179369	182491	186345	190934	196268	202357	209201	216811	225181	234321	244231	254911	266361	278581	291571	305331	319861	335161	351221	368041	385621	403961	423161	443221	464141	485921	508561	532061	556421	581641	
1970	283325	283706	284098	284547	285043	285587	286181	286825	287519	288213	288907	289601	290295	290989	291683	292377	293071	293765	294459	295153	295847	296541	297235	297929	298623	299317	299999	300683	301367	302051	302735	
1971	184981	185547	185925	186166	186286	186296	186196	186006	185726	185356	184896	184346	183706	182986	182186	181306	180346	179306	178186	177006	175766	174466	173106	171686	170206	168666	167066	165406	163686	161906	160066	
1972	137088	139825	143002	146817	150683	154598	158563	162578	166643	170758	174923	179138	183403	187718	192083	196498	200963	205478	210043	214658	219323	224038	228803	233618	238483	243398	248363	253378	258443	263558	268723	
1973	197088	198251	199461	200719	202025	203379	204781	206233	207735	209287	210889	212541	214243	215995	217747	219549	221391	223273	225195	227157	229159	231191	233253	235345	237467	239619	241801	244013	246255	248527	250829	
1974	292168	294274	297286	300888	305113	309970	315463	321606	328411	335881	344026	352851	362366	372571	383466	395051	407326	420291	433946	448291	463326	479051	495466	512571	530366	548841	568006	587851	608366	629541	651366	
1975	1715643	168917	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	157103	
1976	58147	65972	65011	66480	68585	66727	68656	72133	67570	67701	67864	67926	67988	68050	68112	68174	68236	68298	68360	68422	68484	68546	68608	68670	68732	68794	68856	68918	68980	69042	69104	
1977	284041	283982	283923	283864	283805	283746	283687	283628	283569	283510	283451	283392	283333	283274	283215	283156	283097	283038	282979	282920	282861	282802	282743	282684	282625	282566	282507	282448	282389	282330	282271	
1978	284041	283982	283923	283864	283805	283746	283687	283628	283569	283510	283451	283392	283333	283274	283215	283156	283097	283038	282979	282920	282861	282802	282743	282684	282625	282566	282507	282448	282389	282330	282271	
1979	333208	335507	337904	340279	342621	344936	347221	349486	351731	353956	356161	358346	360511	362656	364781	366886	368971	371036	373081	375106	377101	379076	381031	382966	384881	386776	388651	390506	392331	394126	395891	
1980	389386	390327	391268	392209	393150	394091	395032	395973	396914	397855	398796	399737	400678	401619	402560	403501	404442	405383	406324	407265	408206	409147	410088	411029	411970	412911	413852	414793	415734	416675	417616	
1981	267367	270471	273683	276901	280129	283367	286605	289843	293081	296319	299557	302795	306033	309271	312509	315747	318985	322223	325461	328699	331937	335175	338413	341651	344889	348127	351365	354603	357841	361079	364317	
1982	370511	371158	383663	393957	399523	401284	413877	425929	437481	448533	459085	469637	480189	490741	501293	511845	522397	532949	543501	554053	564605	575157	585709	596261	606813	617365	627917	638469	649021	659573	670125	
1983	380883	377948	373498	367162	358826	348490	336154	322818	308482	293146	276810	259474	241138	221802	201466	180130	157794	134458	110122	84786	58550	31314	-5902	-34266	-69530	-104794	-140068	-175342	-210616	-245890	-281164	
1984	314256	316395	318116	320581	323896	328061	333076	338941	345656	353221	361636	370901	380016	389881	399496	409861	420976	432841	444556	457121	470536	484801	499916	515881	532706	550341	568886	588341	608706	629981	652176	
1985	309091	312456	316395	320581	323896	328061	333076	338941	345656	353221	361636	370901	380016	389881	399496	409861	420976	432841	444556	457121	470536	484801	499916	515881	532706	550341	568886	588341	608706	629981	652176	
1986	455548	469647	461652	464663	465436	467687	468314	468523	468314	467687	465436	461652	455548	448559	441570	434581	427592	420603	413614	406625	399636	392647	385658	378669	371680	364691	357702	350713	343724	336735	329746	
1987	246824	247239	247449	247594	247674	247694	247649	247539	247364	247134	246849	246509	246114	245674	245189	244659	244084	243464	242799	242090	241337	240540	239700	238817	237892	236925	235916	234865	233782	232667	231520	
1988	157446	157903	158332	158734	1591																											

**ISABELLA DAM & LAKE
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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	8176	8190	8252	8374	8454	8500	8519	8534	8473	8324	8230	8156	8043	8014	7937	7816	7760	7713	7670	7616	7535	7455	73105	7172	7054	69612						
1955	2758	2816	2856	2923	3043	3478	3754	3958	4092	4302	4328	4347	4357	4364	4347	4355	4323	4308	4269	4250	4254	4182	41279	4071	4022	39753						
1956	23018	24131	24428	24620	24624	25175	25317	25627	25844	26171	26463	26790	26952	27065	27203	27295	27345	27429	27485	27549	27620	27690	27711	27850	28020	28081	28175	28194	28194	28179	28164	283033
1957	151805	154855	158517	162004	165053	168019	170588	173312	176103	179033	182033	185167	188437	191847	195397	199088	202911	206866	210954	215176	219533	224036	228685	233488	238445	243468	248556	253709	258936	264237	269612	275061
1958	113405	117863	122129	126203	130086	133789	137312	140655	143828	146831	149664	152327	154810	157123	159266	161240	163054	164708	166192	167516	168680	169594	170258	170672	170846	170870	170754	170498	170012	169286	168319	167083
1959	207143	209480	210888	212368	213920	215554	217272	219075	220963	222936	224994	227137	229365	231678	234076	236559	239127	241780	244518	247341	250249	253242	256320	259483	262731	266064	269482	272985	276564	280219	283950	287757
1960	118730	118825	118873	118825	118724	118676	118516	118363	118211	118059	117907	117755	117603	117451	117299	117147	116995	116843	116691	116539	116387	116235	116083	115931	115779	115627	115475	115323	115171	115019	114867	114715
1961	47316	47867	47743	47993	48344	48881	49404	49914	50418	50916	51409	51897	52380	52858	53331	53799	54262	54720	55173	55621	56064	56502	56935	57363	57786	58204	58617	59025	59428	59826	60219	60607
1962	133755	135508	137877	139877	140948	142187	143593	145067	146609	148220	149891	151622	153413	155264	157175	159146	161177	163268	165419	167630	169901	172232	174623	177074	179585	182156	184787	187468	190189	192950	195751	198592
1963	294844	299700	301112	307002	310984	314011	317144	320383	323726	327173	330724	334379	338138	342001	345968	350039	354214	358493	362876	367363	371954	376649	381448	386351	391358	396469	401684	407003	412426	417953	423584	429319
1964	201838	202104	202236	202324	202362	202358	202302	202285	202217	202183	202133	202068	202000	201929	201855	201768	201669	201558	201435	201300	201153	201005	200856	200706	200555	200403	200250	200097	199944	199791	199638	199485
1965	227485	230306	232020	233522	234825	235927	236830	237533	238036	238339	238542	238645	238648	238551	238354	238057	237660	237163	236566	235869	235072	234175	233178	232081	230884	229587	228190	226693	225096	223499	221802	220105
1966	217576	217646	217762	217919	217988	218125	218125	218025	217822	217519	217112	216605	216008	215311	214514	213617	212620	211523	210326	209029	207632	206135	204538	202841	201044	199147	197150	195053	192856	190559	188162	185665
1967	374280	376759	378878	380818	382577	384133	385589	386945	388101	389057	389814	390370	390726	390882	390838	390594	390150	389506	388662	387518	386174	384630	382886	380942	378798	376454	373910	371166	368222	365078	361734	358190
1968	256433	257113	256996	256839	256642	256405	256128	255811	255454	255057	254620	254143	253626	253069	252472	251835	251158	250441	249684	248887	248050	247083	246086	245059	243992	242885	241738	240551	239324	238057	236750	235403
1969	467616	460772	453272	445139	436466	427253	417580	407467	396914	385931	374528	362705	350462	337799	324716	311213	297290	283037	268454	253541	238308	222745	206852	190619	174046	157133	140880	125247	110274	95951	82468	69535
1970	317214	320176	323000	325820	328644	331468	334292	337116	339940	342764	345588	348412	351236	354060	356884	359708	362532	365356	368180	370994	373808	376622	379436	382250	385064	387878	390692	393506	396320	399134	401948	404762
1971	216954	217776	218500	219224	219948	220672	221396	222120	222844	223568	224292	225016	225740	226464	227188	227912	228636	229360	230084	230808	231532	232256	232980	233704	234428	235152	235876	236600	237324	238048	238772	239496
1972	123793	124136	124382	124431	124480	124528	124577	124626	124675	124724	124773	124822	124871	124920	124969	125018	125067	125116	125165	125214	125263	125312	125361	125410	125459	125508	125557	125606	125655	125704	125753	125802
1973	328716	333835	338954	344073	349192	354311	359430	364549	369668	374787	379906	385025	390144	395263	400382	405501	410620	415739	420858	425977	431096	436215	441334	446453	451572	456691	461810	466929	472048	477167	482286	487405
1974	414655	418827	422819	426711	430503	434295	438087	441879	445671	449463	453255	457047	460839	464631	468423	472215	476007	479799	483591	487383	491175	494967	498759	502551	506343	510135	513927	517719	521511	525303	529095	532887
1975	303670	310747	318275	326352	334979	344256	354183	364760	376087	388164	401091	414868	429505	445002	461369	478606	496723	515730	535637	556444	578151	600758	625265	651672	679979	710286	742593	776900	813307	851814	892421	935128
1976	163681	169065	176662	185485	195628	207291	220574	235587	252420	271173	291946	314739	340552	369385	401238	436111	474004	514917	558950	606113	656426	710089	767102	827565	891578	959141	1030354	1112687	1204520	1306853	1420686	1547019
1977	72994	73926	74666	75279	75779	76204	76554	76834	77034	77154	77194	77154	77034	76834	76554	76204	75779	75279	74666	73926	72994	71722	70147	68272	66107	63752	61207	58472	55547	52432	49127	45632
1978	300265	305377	310149	314528	318467	321906	324945	327584	330323	333162	336091	339120	342249	345478	348807	352236	355765	359394	363123	366952	370881	374910	379039	383268	387597	392026	396555	401184	405913	410742	415671	420700
1979	429420	431627	433439	434951	436263	437375	438287	439099	439811	440423	440935	441347	441659	441871	441983	441995	441907	441719	441431	441043	440555	440067	439579	439091	438603	438115	437627	437139	436651	436163	435675	435187
1980	502440	503627	504566	505284	505796	506108	506320	506432	506444	506356	506168	505880	505502	505034	504486	503859	503152	502375	501528	500621	499554	498327	496950	495423	493746	491919	489952	487845	485598	483221	480724	478097
1981	306510	307610	308445	309030	309375	309580	309645	309570	309355	309000	308505	307870	307095	306180	305125	303930	302595	301120	299505	297750	295865	293850	291705	289430	287025	284480	281795	278970	275905	272600	269055	265270
1982	528333	530103	531324	532001	532184	531771	531264	530663	529978	529201	528334	527377	526320	525163	523906	522549	521092	519535	517878	516121	514264	512307	510250	508093	505836	503479	501022	498465	495808	493051	490194	487237
1983	407303	405666	403225	400978	397931	394084	389437	384090	378043	371296	363849	354702	344055	332008	318661	304114	288467	271820	254173	235526	215879	195232	173585	150938	127291	102644	77097	50550	23003	-42444	-94991	-167378
1984	402776	404428	405986	407454	408822	409990	410958	411726	412294	412662	412830	412808	41268																			

ISABELLA DAM & LAKE
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Units in acre-feet

JULY

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	65524	65392	65259	64239	63647	63089	62686	62110	61270	60280	59500	58833	58137	57470	56857	56316	54920	54032	53162	52342	51478	50558	49878	49280	48728	48280	47876	47684	46388	46466		
1955	39372	38866	38473	37955	37283	36519	35830	34988	34488	33447	32585	31963	31323	30724	30166	29642	29154	28702	28270	27867	27491	27145	26830	26546	26293	26064	25856	25656	25456	25256	25056	24856		
1956	262874	262714	262077	261200	260171	259008	257624	256033	254243	252261	250097	247751	245224	242524	239661	236641	233474	230171	226743	223194	219537	215782	211939	208018	204019	200042	196088	192157	188248	184361	180496	176663	172864	
1957	196570	193930	19251	178201	17399	174522	174262	174262	174262	174262	174262	174262	174262	174262	174262	174262	174262	174262	174262	174262	174262	174262	174262	174262	174262	174262	174262	174262	174262	174262	174262	174262	174262	
1958	449700	447892	446396	445884	445467	445046	444621	444192	443759	443322	442881	442436	441987	441534	441077	440616	440151	439682	439210	438734	438254	437770	437282	436790	436294	435794	435290	434783	434272	433757	433238	432715	432188	431657
1959	437597	436431	435265	434100	432935	431770	430605	429440	428275	427110	425945	424780	423615	422450	421285	420120	418955	417790	416625	415460	414295	413130	411965	410800	409635	408470	407305	406140	404975	403810	402645	401480	400315	399150
1960	40114	40098	40082	40066	40050	40034	40018	40002	39986	39970	39954	39938	39922	39906	39890	39874	39858	39842	39826	39810	39794	39778	39762	39746	39730	39714	39698	39682	39666	39650	39634	39618	39602	
1961	49169	48648	48063	47427	46750	46032	45274	44476	43640	42764	41848	40892	39896	38860	37784	36668	35512	34316	33080	31804	30488	29132	27736	26290	24804	23278	21712	20106	18460	16784	15078	13342	11576	
1962	33700	33100	32500	31900	31300	30700	30100	29500	28900	28300	27700	27100	26500	25900	25300	24700	24100	23500	22900	22300	21700	21100	20500	19900	19300	18700	18100	17500	16900	16300	15700	15100	14500	
1963	16700	16200	15700	15200	14700	14200	13700	13200	12700	12200	11700	11200	10700	10200	9700	9200	8700	8200	7700	7200	6700	6200	5700	5200	4700	4200	3700	3200	2700	2200	1700	1200	700	
1964	173484	171689	170225	168493	166825	165211	163651	162145	160693	159295	157951	156661	155425	154243	153115	152043	151027	150067	149163	148315	147523	146787	146107	145483	144915	144403	143947	143547	143203	142915	142683	142507	142387	
1965	283192	283990	285027	286303	287807	289539	291497	293684	296094	298828	301886	305269	309087	313351	318071	323257	328911	335043	341673	348811	356467	364651	373383	382673	392531	402967	413991	425613	437843	450691	464167	478283	493049	
1966	18846	187251	185739	184165	182646	181174	179749	178372	177051	175783	174567	173403	172291	171231	170223	169267	168363	167511	166711	165963	165267	164623	164031	163491	162903	162367	161833	161301	160771	160243	159717	159193	158671	
1967	481816	488528	494435	500521	506874	513502	520414	527611	535186	543139	551471	560193	569315	578847	588789	599151	609933	621145	632787	644869	657401	670393	683855	697797	712219	727131	742523	758405	774777	791639	808991	826833	845175	
1968	20321	221845	218978	216527	214509	212943	211831	211174	210972	211228	211945	213121	214757	216853	219409	222525	226201	230447	235273	240689	246705	253331	260577	268453	276969	286225	296231	306997	318533	330849	343955	357861		
1969	570688	573882	578252	584816	593676	604944	618740	635196	654452	676728	702154	730870	763016	798732	847248	908816	984504	1076880	1187600	1318240	1471440	1650000	1856000	2092000	2360000	2664000	3008000	3496000	4132000	4932000	5912000	7088000	8488000	
1970	315949	319022	314928	310962	307134	303446	299898	296490	293222	290094	287116	284288	281610	279092	276734	274536	272498	270620	268902	267344	265946	264708	263630	262712	261954	261356	260908	260600	260432	260404	260516	260758	261140	
1971	234944	234015	233220	232576	232076	231712	231476	231360	231354	231458	231672	231996	232430	232984	233658	234452	235366	236400	237554	238828	240222	241736	243370	245124	246998	249002	251146	253430	255864	258458	261212	264146	267170	
1972	315949	319022	314928	310962	307134	303446	299898	296490	293222	290094	287116	284288	281610	279092	276734	274536	272498	270620	268902	267344	265946	264708	263630	262712	261954	261356	260908	260600	260404	260516	260758	261140	261564	
1973	39874	397303	396516	395859	395323	394907	394611	394435	394379	394435	394511	394617	394753	394929	395145	395401	395697	396033	396409	396825	397281	397767	398283	398829	399405	399911	400447	401013	401609	402235	402891	403577	404293	
1974	470913	470191	469160	468228	467481	466828	466264	465790	465406	465112	464908	464784	464730	464746	464832	464938	465064	465210	465376	465562	465768	466004	466270	466566	466892	467238	467604	468000	468426	468882	469368	469884	470430	
1975	327882	330684	335022	333461	332078	330896	329904	329122	328460	327928	327516	327212	326916	326628	326348	326076	325812	325556	325308	325068	324836	324612	324396	324188	323988	323796	323612	323436	323268	323108	322956	322812	322676	
1976	130995	129438	128037	126790	125696	124664	123694	122786	121940	121156	120434	119774	119176	118640	118166	117754	117404	117116	116890	116726	116624	116584	116606	116680	116806	116984	117214	117506	117860	118286	118784	119354	120006	
1977	465035	465574	466084	466564	467024	467464	467894	468314	468724	469124	469514	469894	470264	470624	470974	471314	471644	471964	472274	472574	472864	473144	473414	473674	473924	474164	474394	474614	474824	475024	475214	475394	475564	
1978	465035	465574	466084	466564	467024	467464	467894	468314	468724	469124	469514	469894	470264	470624	470974	471314	471644	471964	472274	472574	472864	473144	473414	473674	473924	474164	474394	474614	474824	475024	475214	475394	475564	
1979	411663	409408	407256	405216	403296	401496	399816	398256	396816	395496	394296	393216	392256	391416	390696	390096	389616	389256	389016	388886	388866	388946	389036	389136	389246	389366	389496	389636	389786	389946	390116	390296	390486	
1980	583070	585264	587016	588416	589456	590144	590592	590916	591136	591264	591312	591384	591480	591600	591744	591912	592104	592320	592560	592824	593112	593424	593760	594120	594504	594916	595356	595824	596316	596832	597376	597948	598548	
1981	281640	279912	278106	276330	274584	272968	271482	270136	268930	267864	266938	266152	265506	265000	264624	264368	264224	264192	264264	264344	264432	264528	264632	264744	264864	264992	265128	265272	265424	265584	265752	265936	266136	
1982	59516	59061	58616	58181	57756	57341	56936	56541	56156	55781	55416	55061	54716	54391	54086	53801	53536	53291	53066	52861	52676	52511	52366	52241	52136	52051	51986	51941	51906	51881	51866	51861	51866	
1983	627576	627096	626656	626256	625896	625576	625296	625056	624856	624696	624576	624496	624456	624456	624496	624576																		

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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	37520	37279	35418	35536	34740	33880	33010	32289	31566	30862	30160	29495	28878	28338	27862	27438	27114	26753	26296	25763	25250	24699	24208	24063	23573	
1955	26439	25100	24648	24212	23847	23477	23115	22815	22491	22316	22064	21824	21594	21374	21154	20944	20744	20554	20374	20204	20044	19894	19754	19624	19504	19394	19294	19204	19124	19054	18994	18944
1956	25028	24881	24620	24463	24269	24062	23964	23843	23704	23564	23414	23264	23114	22964	22814	22664	22514	22364	22214	22064	21914	21764	21614	21464	21314	21164	21014	20864	20714	20564	20414	20264
1957	147803	145715	144684	143490	142422	141412	140400	139395	138454	137464	136434	135364	134254	133104	131914	130684	129414	128104	126754	125364	123934	122464	120954	119404	117814	116184	114514	112804	111054	109264	107434	105564
1958	357437	353363	350220	347112	344041	341004	338004	335034	332094	329184	326304	323444	320614	317814	315044	312304	309594	306914	304264	301644	299054	296494	293964	291464	288994	286544	284114	281704	279314	276944	274594	272264
1959	93324	92814	91724	90935	89987	89133	88436	87738	87000	86323	85651	84984	84319	83654	82994	82334	81674	81014	80354	79694	79034	78374	77714	77054	76394	75734	75074	74414	73754	73094	72434	71774
1960	55001	54494	53475	52717	52014	51284	50525	49864	49204	48544	47884	47224	46564	45904	45244	44584	43924	43264	42604	41944	41284	40624	39964	39304	38644	37984	37324	36664	36004	35344	34684	34024
1961	30506	29952	29416	28921	28469	28046	27644	27264	26904	26564	26234	25914	25604	25304	25004	24704	24404	24104	23804	23504	23204	22904	22604	22304	22004	21704	21404	21104	20804	20504	20204	19904
1962	129158	127007	125054	123514	121569	120046	118249	116444	114644	112844	111044	109244	107444	105644	103844	102044	100244	98444	96644	94844	93044	91244	89444	87644	85844	84044	82244	80444	78644	76844	75044	73244
1963	336156	333940	330626	328268	325721	323238	320637	318014	315374	312714	310034	307334	304614	301874	299114	296334	293534	290714	287874	285014	282134	279234	276314	273374	270414	267434	264434	261414	258374	255314	252234	249144
1964	129182	127006	125026	123046	121066	119086	117106	115126	113146	111166	109186	107206	105226	103246	101266	99286	97306	95326	93346	91366	89386	87406	85426	83446	81466	79486	77506	75526	73546	71566	69586	67606
1965	175463	174685	173737	172468	171251	170169	168984	167799	166614	165429	164244	163059	161874	160689	159504	158319	157134	155949	154764	153579	152394	151209	150024	148839	147654	146469	145284	144099	142914	141729	140544	139359
1966	138333	137508	136302	135004	133606	132208	130810	129412	128014	126616	125218	123820	122422	121024	119626	118228	116830	115432	114034	112636	111238	109840	108442	107044	105646	104248	102850	101452	100054	98656	97258	95860
1967	524419	522240	519848	517337	514833	510852	506900	503048	499196	495344	491492	487640	483788	479936	476084	472232	468380	464528	460676	456824	452972	449120	445268	441416	437564	433712	429860	426008	422156	418304	414452	410600
1968	164974	164837	163408	161771	160085	158327	156489	154510	152433	150214	147894	145484	142994	140424	137774	135034	132214	129314	126334	123274	120134	116914	113614	110234	106774	103234	99614	95834	92014	88154	84254	80314
1969	551157	548100	544900	542243	539256	534174	528882	523382	517692	511802	505712	499422	492932	486242	479452	472462	465272	457882	450292	442502	434512	426322	417932	409342	400652	391862	382972	373982	364792	355402	345812	336022
1970	285477	281041	276616	272293	268074	263961	259954	256054	252261	248474	244694	240924	237164	233414	229674	225944	222224	218514	214814	211124	207444	203774	200114	196464	192824	189194	185574	181964	178364	174774	171194	167624
1971	187821	185882	183789	181603	179318	176944	174484	171944	169314	166604	163814	160944	158004	155004	151944	148814	145614	142344	139004	135604	132144	128624	125024	121404	117764	114104	110424	106724	103004	99264	95514	91754
1972	74687	74041	73191	72148	70912	69478	67852	66034	64114	62094	60074	57954	55734	53514	51294	49074	46854	44634	42414	40194	37974	35754	33534	31314	29094	26874	24654	22434	20214	17994	15774	13554
1973	318937	317514	314686	312338	309912	307341	304634	301794	298824	295724	292484	289054	285434	281724	277924	274034	270054	266084	262124	258174	254234	250304	246384	242474	238574	234684	230804	226934	223074	219224	215384	211554
1974	409174	407545	404677	402201	399822	397444	395066	392688	390310	387932	385554	383176	380798	378420	376042	373664	371286	368908	366530	364152	361774	359396	357018	354640	352262	349884	347506	345128	342750	340372	337994	335616
1975	270088	267588	264970	261820	258134	253914	249164	243894	238114	231834	225554	219274	212994	206714	200434	194154	187874	181594	175314	169034	162754	156474	150194	143914	137634	131354	125074	118794	112514	106234	99954	93684
1976	88346	87786	86945	85820	84430	82782	80984	79036	77038	74990	72842	70594	68246	65798	63250	60602	57854	55006	52058	49010	45862	42614	39266	35818	32270	28622	24874	21026	17078	12930	8682	4434
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ISABELLA DAM & LAKE
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

Units in acre-feet

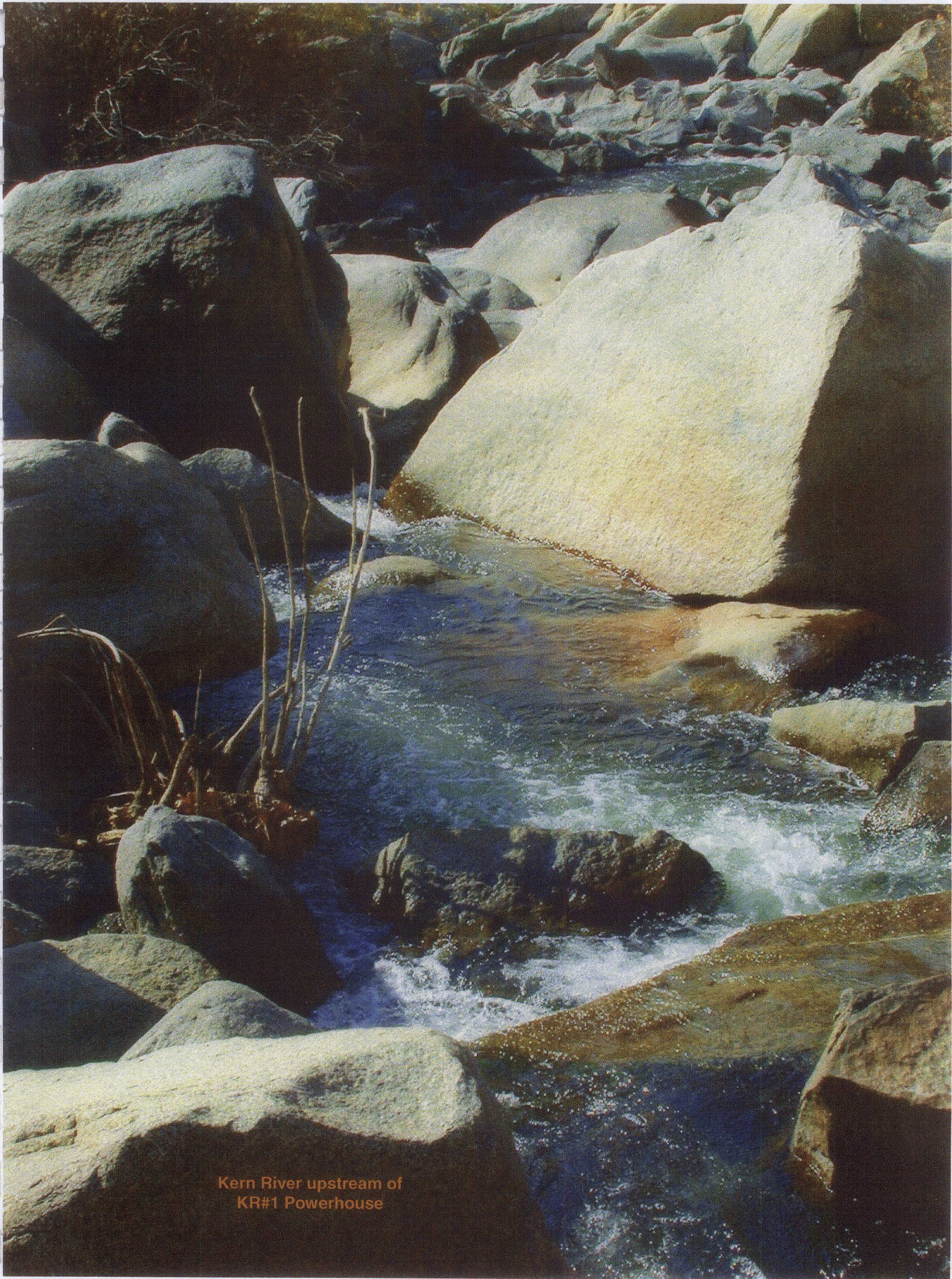
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ISABELLA DAM & LAKE
KERN RIVER BASIN, CALIFORNIA
MIDNIGHT STORAGE

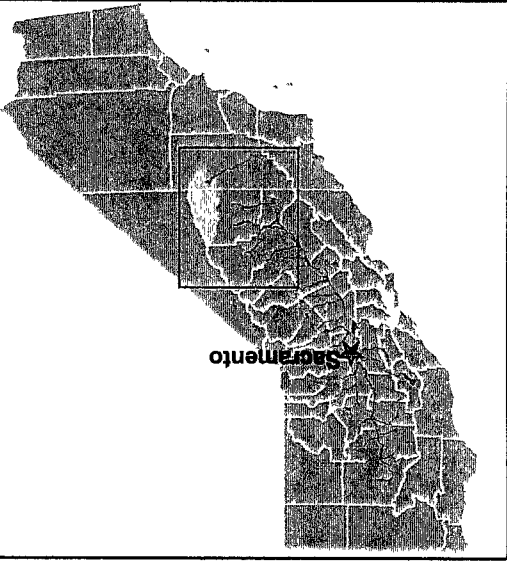
Units in acre-feet

NOVEMBER

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1962	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073	85073
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1965	119628	119778	119928	119978	119978	119978	119978	119978	119978	119978	119978	119978	119978	119978	119978	119978	119978	119978	119978	119978	119978	119978	119978	119978	119978	119978	119978	119978	119978	119978	119978
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1970	243252	242596	241940	241284	240628	239972	239316	238660	238004	237348	236692	236036	235380	234724	234068	233412	232756	232100	231444	230788	230132	229476	228820	228164	227508	226852	226196	225540	224884	224228	223572
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1972	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700
1973	208754	208216	207678	207140	206602	206064	205526	204988	204450	203912	203374	202836	202298	201760	201222	200684	200146	199608	199070	198532	197994	197456	196918	196380	195842	195304	194766	194228	193690	193152	192614
1974	243252	242596	241940	241284	240628	239972	239316	238660	238004	237348	236692	236036	235380	234724	234068	233412	232756	232100	231444	230788	230132	229476	228820	228164	227508	226852	226196	225540	224884	224228	223572
1975	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094	172094
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1977	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520	36520
1978	292182	289843	287504	285165	282826	280487	278148	275809	273470	271131	268792	266453	264114	261775	259436	257097	254758	252419	250080	247741	245402	243063	240724	238385	236046	233707	231368	229029	226690	224351	222012
1979	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700	21700
1980	268816	267447	266078	264709	263340	261971	260602	259233	257864	256495	255126	253757	252388	251019	249650	248281	246912	245543	244174	242805	241436	240067	238698	237329	235960	234591	233222	231853	230484	229115	227746
1981	169102	168946	168790	168634	168478	168322	168166	168010	167854	167698	167542	167386	167230	167074	166918	166762	166606	166450	166294	166138	165982	165826	165670	165514	165358	165202	165046	164890	164734	164578	164422
1982	311602	309645	307688	305731	303774	301817	299860	297903	295946	293989	292032	290075	288118	286161	284204	282247	280290	278333	276376	274419	272462	270505	268548	266591	264634	262677	260720	258763	256806	254849	252892
1983	326270	324718	323166	321614	320062	318510	316958	315406	313854	312302	310750	309198	307646	306094	304542	302990	301438	299886	298334	296782	295230	293678	292126	290574	289022	287470	285918	284366	282814	281262	279710
1984	298161	297405	296649	295893	295137	294381	293625	292869	292113	291357	290601	289845	289089	288333	287577	286821	286065	285309	284553	283797	283041	282285	281529	280773	280017	279261	278505	277749	276993	276237	275481
1985	91043	90978	90913	90848	90783	90718	90653	90588	90523	90458	90393	90328	90263	90198	90133	90068	90003	89938	89873	89808	89743	89678	89613	89548	89483	89418	89353	89288	89223	89158	89093
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1987	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791	143791
1988	7342	73275	73128	72981	72834	72687	72540	72393	72246	72099	71952	71805	71658	71511	71364	71217	71070	70923	70776	70629	70482	70335	70188	70041	69894	69747	69600	69453	69306	69159	69012
1989	9129	9129	9129	9129																											



Kern River upstream of
KR#1 Powerhouse



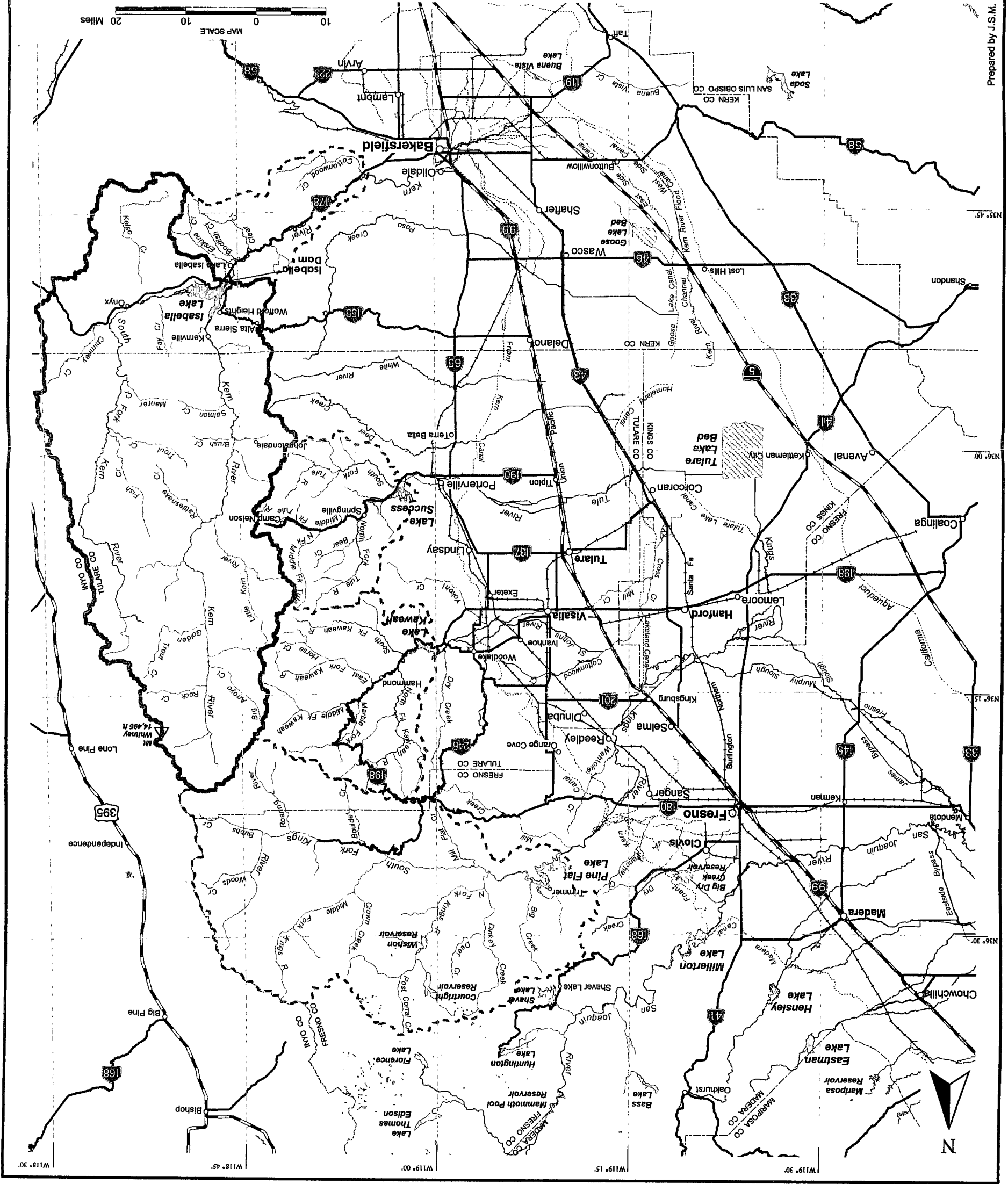
- MAP LEGEND**
- ▭ Project Watershed
 - ▨ Related Watershed
 - ▧ Lake or Reservoir
 - ▩ Intermittent Water
 - ~ Major River
 - ~ Stream
 - ▬ Interstate or Highway
 - ▬ State Route
 - ▬ Railroad
 - ▬ County Boundary
 - City or Town

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



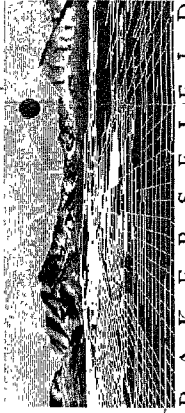
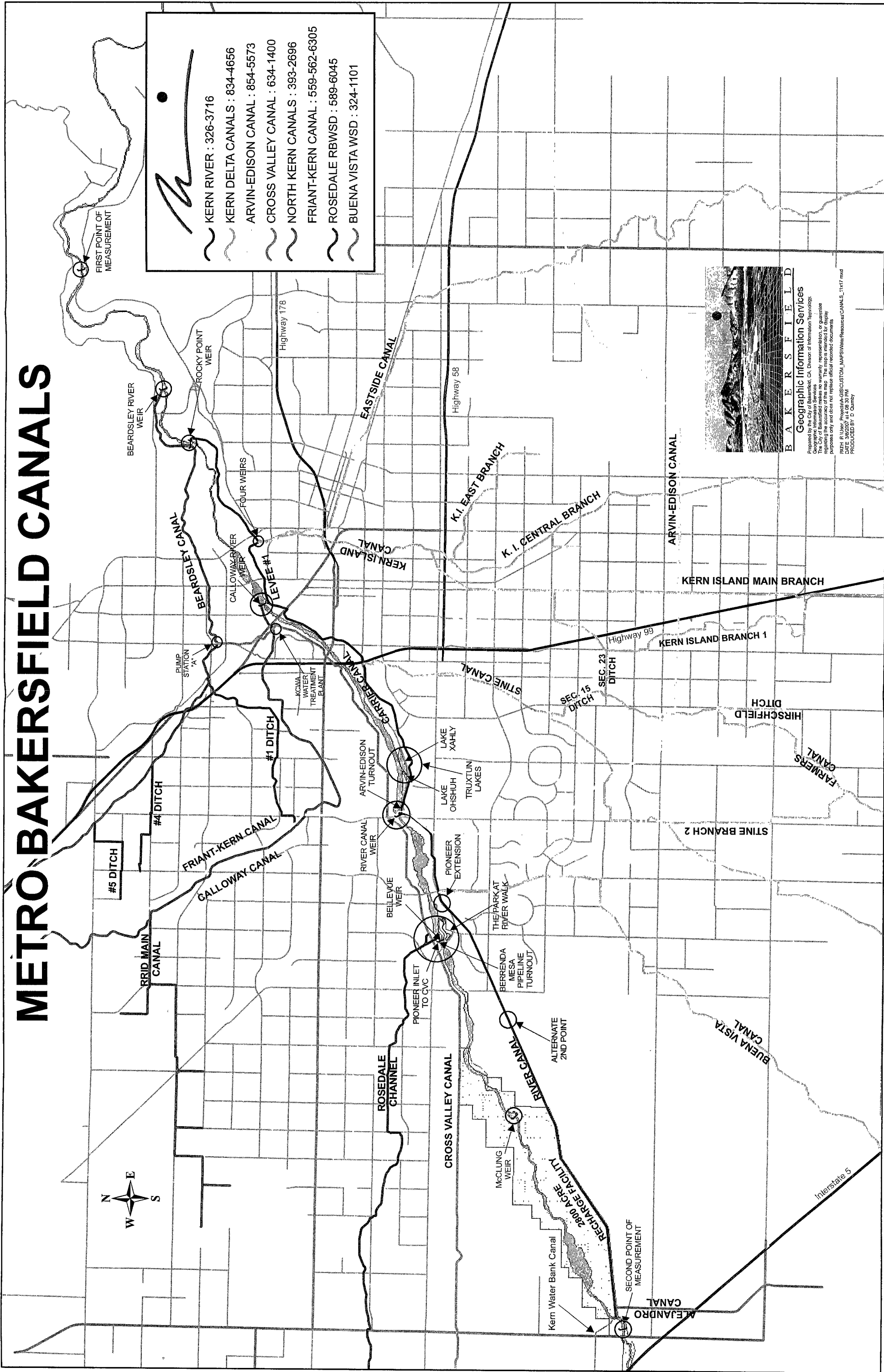
Prepared by J.S.M.

METRO BAKERSFIELD CANALS

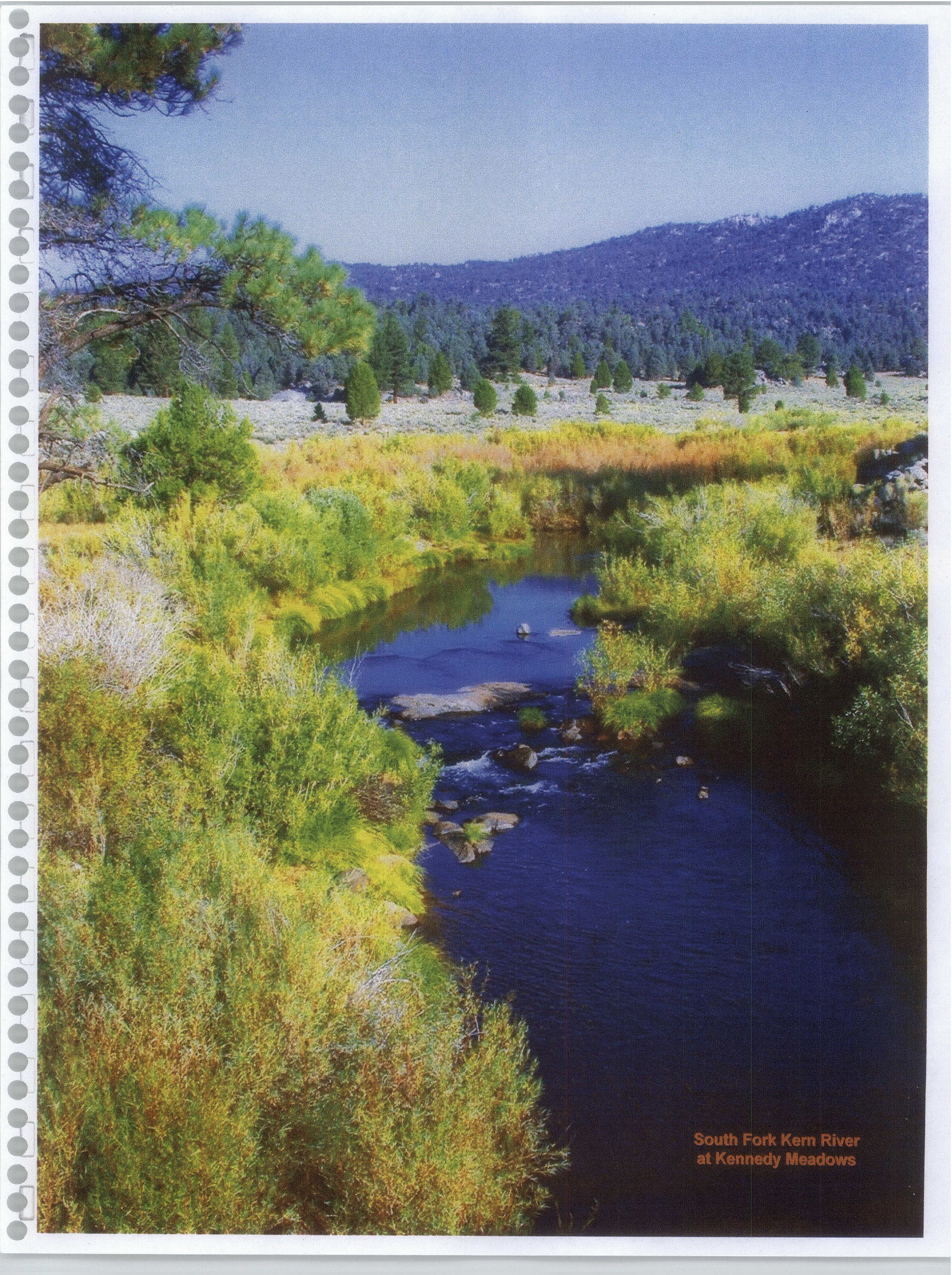


Legend:

- 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



B A K E R S F I E L D
 Geographic Information Services
 Prepared by: [unreadable]
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 DATE: 10/20/07 4:38:30 PM
 PRODUCED BY: D. Quimby



**South Fork Kern River
at Kennedy Meadows**



Bakersfield, California