



**KERN
2008 RIVER**

Joint Exhibit 41



Prepared for:

North Kern Water Storage District

Kern River near Lucas Creek

2008
HYDROGRAPHIC ANNUAL REPORT

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HISTORICAL DATA

CALIFORNIA HISTORICAL LANDMARK

RIO DE SAN FELIPE

ONE MILE NORTH OF HERE ON
MAY 1, 1776, FRANCISCO GARCES
OF THE FRANCISCAN ORDER CROSS-
ED KERN RIVER IN HIS SEARCH
FOR A SHORTER ROUTE FROM
SONORA, MEXICO, TO MONTEREY,
CALIFORNIA. HE WAS THE FIRST
KNOWN EXPLORER TO DESCRIBE
THIS RIVER, WHICH HE NAMED
RIO DE SAN FELIPE.

DEDICATED

MAY 1, 1938

BAKERSFIELD PARLOR N° 42 N. S. G. W.
EL TEJON PARLOR N° 239 N. D. G. W.
KERN COUNTY HISTORICAL SOCIETY
KERN COUNTY CHAMBER OF COMMERCE

DEPARTMENT OF NATURAL RESOURCES REG. N° 276
STATE OF CALIFORNIA

**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 28, 1893...																	
1893	acre-feet										32,864	30,827	31,757				
	mean s.f.d.										534	518	516				
1894	acre-feet	40,647	39,616	61,548	88,974	98,801	64,584	43,061	20,585	14,759	17,179	14,501	28,911	533,326			
	mean s.f.d.	661	717	1,001	1,495	1,607	1,085	700	334	248	279	244	470	2,208	172		737
1895	acre-feet	49,769	69,521	84,456	162,071	268,695	172,890	91,133	38,672	20,452	20,091	20,604	24,758	1,023,052			
	mean s.f.d.	609	1,252	1,374	2,724	4,389	2,906	1,462	629	344	327	346	403	5,563	276		1,413
1896	acre-feet	45,951	35,510	58,494	57,864	86,174	146,124	62,760	29,885	18,061	16,401	21,108	21,360	619,692			
	mean s.f.d.	747	617	951	972	1,401	2,456	1,348	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	20,868	21,146	25,922	893,434			
	mean s.f.d.	373	809	923	2,914	4,560	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	118	160	166	199	1,342	80		348
1899	acre-feet	16,165	16,754	36,279	53,133	51,353	79,178	30,046	9,600	6,248	9,852	13,180	17,084	338,872			
	mean s.f.d.	263	302	590	893	835	1,331	489	158	105	160	221	278	4,932	86		468
1900	acre-feet	22,268	15,562	25,384	28,102	68,295	76,368	24,125	8,860	9,903	9,808	20,787	22,915	332,373			
	mean s.f.d.	362	280	413	472	1,111	1,283	392	144	166	160	349	373	1,969	101		459
1901	acre-feet	30,337	47,760	76,109	83,190	186,446	187,792	114,613	59,536	20,535	19,488	22,429	19,874	880,089			
	mean s.f.d.	493	860	1,270	1,398	3,032	3,324	1,894	968	345	317	377	323	4,419	228		1,216
1902	acre-feet	17,407	20,582	48,546	107,403	109,904	128,853	43,436	19,172	11,685	12,242	16,739	18,560	552,539			
	mean s.f.d.	263	371	790	1,805	1,787	2,165	706	312	197	199	281	269	3,756	160		763
1903	acre-feet	21,531	25,192	35,575	74,315	132,087	139,222	53,355	18,623	11,357	10,661	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	11,962	19,902	40,996	59,812	113,205	103,904	39,725	28,733	15,901	28,955	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	132,768	53,835	20,134	12,563	12,744	14,041	18,074	531,809			
	mean s.f.d.	261	398	823	1,043	1,915	2,231	878	327	211	207	236	261	3,247	165		735
1906	acre-feet	42,623	34,750	126,644	173,143	360,234	456,418	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	5,869	7,704	6,503	2,299	973	609	503	618	9,664	222		2,625
1907	acre-feet	41,697	56,634	63,272	197,720	199,950	183,995	67,063	41,940	24,623	22,428	19,747	21,611	990,900			
	mean s.f.d.	678	1,023	1,354	3,323	3,252	3,092	1,579	682	414	365	332	351	1,369			
1908	acre-feet	27,878	32,461	65,079	79,320	79,418	60,305	41,651	32,376	21,763	21,467	18,206	18,337	496,503			
	mean s.f.d.	453	565	1,058	1,333	1,292	1,013	627	368	349	349	306	298	687			
1909	acre-feet	118,441	125,050	128,649	247,402	362,617	394,086	194,870	68,224	43,448	31,214	34,350	72,292	1,938,643			
	mean s.f.d.	1,928	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	85,085	102,863	127,733	79,464	42,046	24,216	17,201	18,976	18,861	19,999	656,911			
	mean s.f.d.	1,166	861	1,364	1,729	2,077	1,335	684	384	289	309	317	325	4,847	222		910

**HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT**

YEAR	QUANTITY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL	MAX.	MIN.	MEAN
1911	acre-foot	38,241	53,944	80,186	138,113	184,481	222,076	156,498	45,860	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	748	424	413	365	352	—	5,363	273	1,400
1912	acre-foot	23,320	21,302	28,080	37,248	80,471	100,925	33,170	16,853	10,889	11,780	11,772	11,804	387,432	—	—	—
	mean s.f.d.	379	370	457	626	1,309	1,698	539	271	183	192	198	192	—	3,220	147	534
1913	acre-foot	13,019	15,731	25,191	42,494	73,561	80,738	34,929	31,454	25,357	13,402	15,368	16,586	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	118,541	62,575	102,739	144,934	210,878	201,084	128,338	55,127	25,240	24,462	20,390	21,427	1,113,513	—	—	—
	mean s.f.d.	1,895	1,127	1,671	2,436	3,428	3,379	2,087	897	424	398	343	348	—	18,287	285	1,538
1915	acre-foot	22,500	30,254	48,538	80,916	124,506	172,324	77,496	24,668	18,457	14,452	14,858	19,320	648,287	—	—	—
	mean s.f.d.	366	545	789	1,380	2,025	2,896	1,260	401	277	235	250	314	—	4,249	203	891
1916	acre-foot	172,346	202,510	378,116	481,748	472,994	391,700	225,154	58,755	33,808	41,774	30,879	32,364	2,520,149	—	—	—
	mean s.f.d.	2,803	3,521	6,149	8,086	7,693	6,563	3,662	923	588	679	519	528	—	17,962	274	3,481
1917	acre-foot	40,128	44,694	65,242	126,329	165,082	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	16,559	48,087	74,513	78,722	136,753	44,828	20,807	17,562	32,555	22,160	25,039	538,503	—	—	—
	mean s.f.d.	308	334	782	1,252	1,280	2,298	729	338	295	529	372	407	—	3,478	227	744
1919	acre-foot	21,098	23,002	37,973	66,574	140,215	81,844	34,364	16,288	11,722	13,835	13,884	16,325	499,124	—	—	—
	mean s.f.d.	343	414	618	1,455	2,280	1,375	559	265	197	225	233	298	—	4,299	156	669
1920	acre-foot	17,220	16,044	40,397	83,370	156,904	137,840	50,699	22,431	14,949	16,598	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	198	827
1921	acre-foot	23,520	30,791	55,402	51,723	100,086	120,387	49,119	16,073	12,595	13,180	12,960	21,673	509,519	—	—	—
	mean s.f.d.	383	554	899	1,828	2,023	799	294	212	212	214	218	352	—	3,546	110	704
1922	acre-foot	30,682	33,846	52,468	84,407	242,259	202,395	88,849	37,061	23,772	17,770	19,935	28,282	881,428	—	—	—
	mean s.f.d.	499	609	853	1,419	3,940	3,401	1,442	603	400	289	333	460	—	5,300	196	1,180
1923	acre-foot	26,883	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	14,198	18,827	187,727	—	—	—
	mean s.f.d.	222	238	259	480	679	238	134	98	92	124	239	303	—	1,073	74	259
1925	acre-foot	17,992	26,333	31,299	58,408	102,018	96,252	58,437	25,938	11,405	12,906	12,305	14,822	485,913	—	—	—
	mean s.f.d.	293	474	509	948	1,659	1,618	850	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	26,493	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	20,465	75,279	73,083	100,362	184,721	161,153	75,461	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	1,226	438	249	228	457	311	—	6,571	188	1,095
1928	acre-foot	18,452	17,818	32,668	37,577	76,885	60,344	18,716	9,169	6,563	8,732	11,974	13,710	312,828	—	—	—
	mean s.f.d.	300	310	531	635	1,250	1,014	304	149	111	142	201	223	—	2,058	101	431
1929	acre-foot	13,864	14,654	25,176	39,084	85,995	63,487	30,988	12,797	9,146	8,793	9,035	9,981	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	53,508	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	1,362	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	41,887	24,282	8,493	6,302	6,860	6,817	6,241	17,510	185,845	-	-	-
	mean s.f.d.	200	248	257	394	681	408	138	102	115	111	138	285	-	2,281	71	258
1932	acre-feet	22,235	39,598	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	-	3,728	180	1,016
1933	acre-feet	17,175	21,021	36,244	57,285	60,028	125,395	59,898	18,892	10,082	10,893	10,778	16,639	441,086	-	-	-
	mean s.f.d.	279	379	589	962	978	2,107	925	304	189	177	181	271	-	3,789	144	609
1934	acre-feet	20,033	16,842	27,429	39,919	43,085	21,820	11,341	6,948	7,043	8,196	11,272	13,757	227,895	-	-	-
	mean s.f.d.	328	303	448	671	700	387	184	113	118	133	189	224	-	914	62	314
1935	acre-feet	14,640	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	888	280	191	195	200	209	-	3,378	164	655
1936	acre-feet	14,737	46,806	57,374	157,290	219,404	137,028	67,902	32,987	14,372	15,423	15,828	17,294	798,447	-	-	-
	mean s.f.d.	240	814	933	2,843	3,568	2,303	1,104	536	242	251	288	281	-	4,173	194	1,097
1937	acre-feet	21,745	139,109	111,443	183,505	352,050	225,395	91,087	32,188	17,780	17,173	18,379	52,320	1,280,182	-	-	-
	mean s.f.d.	354	2,505	1,812	3,084	5,728	3,788	1,482	523	299	279	275	851	-	20,000	223	1,741
1938	acre-feet	31,285	42,456	182,121	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	861	482	447	416	423	-	14,582	358	1,877
1939	acre-feet	28,558	33,273	54,119	92,136	92,253	58,400	25,480	18,774	13,712	16,828	13,892	13,950	461,073	-	-	-
	mean s.f.d.	464	589	880	1,548	1,500	981	414	305	230	274	230	225	-	2,028	178	637
1940	acre-feet	45,062	65,032	77,810	118,175	198,485	145,503	50,471	18,928	13,234	14,870	16,007	27,723	789,088	-	-	-
	mean s.f.d.	733	1,131	1,265	1,988	3,195	2,445	621	308	222	239	289	451	-	5,454	167	1,087
1941	acre-feet	39,540	73,589	109,735	124,815	388,886	309,980	174,416	62,537	27,997	28,325	27,681	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	485	619	-	8,523	337	1,835
1942	acre-feet	49,438	40,834	58,487	112,586	150,038	178,754	61,529	30,284	16,500	14,648	16,130	22,740	771,986	-	-	-
	mean s.f.d.	804	735	951	1,892	2,440	3,004	1,328	493	277	238	271	370	-	4,080	141	1,068
1943	acre-feet	92,551	56,820	281,344	198,736	254,785	155,650	88,011	34,435	17,657	17,849	18,585	24,224	1,220,827	-	-	-
	mean s.f.d.	1,505	1,023	4,250	3,340	4,144	2,618	1,431	560	300	290	312	394	-	21,701	252	1,888
1944	acre-feet	27,473	32,761	69,838	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	1,138	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	21,546	41,268	36,845	44,182	938,055	-	-	-
	mean s.f.d.	338	1,270	1,040	2,208	3,342	2,840	1,490	677	362	671	619	719	-	9,370	155	1,288
1946	acre-feet	45,481	34,854	60,958	109,658	155,476	85,880	39,733	20,091	13,281	16,141	31,385	37,785	650,883	-	-	-
	mean s.f.d.	740	628	991	1,943	2,529	1,443	646	327	223	263	527	615	-	3,814	192	899
1947	acre-feet	31,146	26,167	38,319	80,353	110,325	57,778	21,116	12,313	9,140	12,807	13,492	13,942	406,898	-	-	-
	mean s.f.d.	507	507	591	1,014	1,794	971	343	200	154	205	227	227	-	2,584	135	582
1948	acre-feet	13,486	13,267	16,233	43,976	86,108	78,585	31,331	9,927	6,899	8,906	9,586	11,220	329,506	-	-	-
	mean s.f.d.	219	231	284	739	1,400	1,320	510	161	116	145	161	182	-	2,208	97	454
1949	acre-feet	11,982	12,982	21,138	50,517	84,508	57,885	17,201	8,882	6,541	7,704	11,131	12,791	302,870	-	-	-
	mean s.f.d.	195	234	344	849	1,374	869	280	141	110	125	187	208	-	2,128	89	418
1950	acre-feet	17,119	39,761	37,087	76,155	98,483	90,387	34,901	12,179	10,393	9,855	96,988	77,982	601,360	-	-	-
	mean s.f.d.	278	716	603	1,280	1,802	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-foot	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.i.d.	536	541	571	822	1,383	1,496	633	211	191	152	201	653	--	8,341	69	611
1952	acre-foot	60,387	53,673	84,726	222,633	434,769	302,557	159,856	68,200	30,670	23,417	24,871	35,260	1,500,999	--	--	--
	mean s.i.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-foot	60,760	40,498	38,709	70,730	86,019	103,164	69,657	21,503	12,730	13,125	15,023	16,915	548,633	--	--	--
	mean s.i.d.	988	729	630	1,189	1,399	1,734	1,133	350	214	213	252	275	--	3,798	119	758
1954	acre-foot	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.i.d.	358	547	725	1,701	2,272	1,236	645	312	211	201	258	290	--	2,946	150	729
1955	acre-foot	20,438	24,625	29,734	37,567	69,544	88,660	31,014	19,293	9,840	10,100	12,528	92,959	444,300	--	--	--
	mean s.i.d.	332	443	484	631	1,131	1,456	504	314	165	164	211	1,512	--	12,711	101	614
1956	acre-foot	82,943	49,993	62,767	97,553	159,983	168,876	99,529	41,141	21,370	23,397	17,042	16,568	840,862	--	--	--
	mean s.i.d.	1,349	869	1,021	1,639	2,597	2,838	1,619	669	359	381	286	289	--	5,167	207	1,158
1957	acre-foot	18,535	26,178	31,357	38,644	79,355	132,359	41,988	17,518	12,111	13,848	14,013	18,632	444,336	--	--	--
	mean s.i.d.	301	471	510	649	1,291	2,224	683	285	204	222	235	303	--	3,411	147	614
1958	acre-foot	22,088	39,453	68,140	166,105	316,974	230,866	115,724	56,190	27,515	20,815	19,835	19,025	1,104,730	--	--	--
	mean s.i.d.	359	710	1,108	2,825	5,155	3,880	1,882	914	462	339	333	309	--	6,592	236	1,526
1959	acre-foot	20,592	22,258	33,274	40,586	39,945	32,061	18,013	10,094	9,852	9,689	10,419	11,215	257,976	--	--	--
	mean s.i.d.	335	401	541	682	650	539	293	164	188	158	175	182	--	944	104	358
1960	acre-foot	13,363	30,682	31,908	46,272	56,336	47,181	16,683	9,638	8,678	10,187	14,183	12,926	300,037	--	--	--
	mean s.i.d.	217	533	519	778	949	793	271	157	146	166	238	210	--	1,690	99	413
1961	acre-foot	11,466	10,905	14,221	24,137	29,980	24,305	8,952	16,018	8,483	7,353	9,554	12,268	177,642	--	--	--
	mean s.i.d.	186	196	231	408	488	408	146	261	142	120	161	200	--	628	99	245
1962	acre-foot	13,507	53,411	37,860	147,463	135,884	157,253	74,874	25,416	13,849	14,051	12,407	11,929	697,704	--	--	--
	mean s.i.d.	220	962	612	2,478	2,210	2,843	1,218	413	233	229	209	194	--	3,604	144	964
1963	acre-foot	27,793	101,595	42,994	89,412	137,839	163,944	105,384	47,008	28,863	27,291	25,637	23,470	801,450	--	--	--
	mean s.i.d.	452	1,829	699	1,167	2,242	2,755	1,714	785	485	444	434	382	--	15,584	160	1,107
1964	acre-foot	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.i.d.	324	298	409	722	1,001	919	387	229	152	149	251	763	--	4,663	120	467
1965	acre-foot	46,768	31,702	36,359	80,043	131,980	149,357	95,288	49,105	22,036	17,831	26,542	30,551	720,362	--	--	--
	mean s.i.d.	761	571	591	1,345	2,146	2,510	1,550	789	370	287	496	487	--	3,322	226	995
1966	acre-foot	29,272	22,439	39,108	68,779	82,336	45,431	23,347	18,141	9,808	10,622	15,501	313,811	678,595	--	--	--
	mean s.i.d.	476	404	636	1,156	1,339	763	380	295	161	176	261	5,104	--	80,029	112	937
1967	acre-foot	63,580	65,831	86,200	99,509	269,631	311,063	243,802	84,834	55,255	36,230	34,546	35,746	1,396,227	--	--	--
	mean s.i.d.	1,034	1,185	1,402	1,672	4,385	5,228	3,985	1,542	929	589	581	681	--	7,223	419	1,928
1968	acre-foot	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.i.d.	554	702	784	1,102	1,431	1,076	499	335	193	221	285	319	--	1,923	155	625
1969	acre-foot	178,463	111,342	157,595	378,333	617,968	496,796	264,777	111,100	49,936	36,038	34,862	34,132	2,461,370	--	--	--
	mean s.i.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-foot	66,480	41,419	59,917	63,513	110,057	95,700	50,138	24,224	14,392	13,301	21,519	26,814	589,474	--	--	--
	mean s.i.d.	1,081	748	974	1,087	1,790	1,608	815	384	242	216	362	469	--	6,296	171	814

**HISTORICAL RECAP
KERN RIVER AT FIRST POINT OF MEASUREMENT**

YEAR	QUANTITY	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL	MAX.	MIN.	MEAN
1971	acre-foot	34,143	30,960	41,913	52,691	66,635	82,707	42,472	19,841	11,371	11,540	14,102	19,109	427,454	—	—	—
	mean s.f.d.	555	557	682	885	1,084	1,390	691	323	191	186	237	311	—	1,895	125	590
1972	acre-foot	19,864	18,927	33,213	28,298	45,965	38,531	14,938	10,927	11,334	11,431	14,703	20,408	266,427	—	—	—
	mean s.f.d.	323	327	540	475	748	648	243	178	190	186	247	332	—	951	111	370
1973	acre-foot	33,628	38,395	52,778	110,892	288,852	230,390	93,834	41,028	23,030	18,895	22,342	27,788	979,652	—	—	—
	mean s.f.d.	547	855	858	1,864	4,694	3,872	1,528	687	387	307	375	452	—	5,886	220	1,353
1974	acre-foot	50,337	29,873	74,247	114,113	183,733	167,740	89,580	39,991	23,532	21,953	19,904	23,603	816,606	—	—	—
	mean s.f.d.	819	538	1,208	1,918	2,988	2,819	1,132	850	395	357	334	384	—	4,141	220	1,130
1975	acre-foot	21,521	26,725	42,815	46,802	147,001	140,880	51,917	22,625	17,133	16,208	15,049	16,310	584,567	—	—	—
	mean s.f.d.	350	481	698	783	2,391	2,364	844	368	288	264	253	265	—	3,783	164	780
1976	acre-foot	18,308	19,984	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.	285	295	375	436	767	352	240	237	422	334	216	182	—	1,188	142	344
1977	acre-foot	13,456	13,704	14,765	23,391	25,630	35,655	10,973	10,979	7,815	6,148	8,458	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-foot	46,598	116,432	175,484	181,700	383,157	354,825	194,693	74,001	61,898	29,582	26,674	28,485	1,853,505	—	—	—
	mean s.f.d.	758	2,066	2,854	3,054	5,906	5,963	3,168	1,204	1,037	481	452	463	—	10,901	350	2,284
1979	acre-foot	34,062	41,825	72,299	102,079	194,935	106,112	46,733	27,243	19,583	19,779	18,779	19,230	672,661	—	—	—
	mean s.f.d.	554	753	1,176	1,715	2,662	1,783	760	443	329	322	316	313	—	3,540	229	929
1980	acre-foot	145,545	166,687	139,620	211,608	287,825	282,877	208,715	78,143	35,068	26,955	25,006	29,708	1,639,957	—	—	—
	mean s.f.d.	2,387	2,936	2,271	3,556	4,681	4,754	3,394	1,271	589	438	420	483	—	14,171	281	2,259
1981	acre-foot	28,709	34,762	45,608	69,320	91,914	85,817	25,630	17,389	13,222	14,761	18,922	23,189	449,263	—	—	—
	mean s.f.d.	467	626	742	1,165	1,495	1,108	417	283	222	240	318	377	—	2,211	157	621
1982	acre-foot	37,682	52,998	78,724	212,983	254,985	198,748	130,098	61,958	61,718	48,306	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	1,268	—	9,075	389	1,756
1983	acre-foot	87,905	138,514	285,543	208,473	478,625	571,846	288,868	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	9,810	4,698	2,520	1,151	867	1,203	1,675	—	14,038	602	3,438
1984	acre-foot	76,054	60,928	82,738	91,359	181,613	93,114	77,046	49,698	26,306	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	478	430	589	642	—	3,305	286	1,132
1985	acre-foot	40,423	40,610	53,371	136,241	146,799	99,856	41,395	23,958	17,024	16,495	22,314	33,945	672,431	—	—	—
	mean s.f.d.	657	731	888	2,290	2,387	1,978	673	390	266	268	375	552	—	3,353	208	929
1986	acre-foot	42,668	149,966	204,775	206,147	293,335	263,794	121,393	57,160	26,567	26,330	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	448	481	426	362	—	8,286	313	1,998
1987	acre-foot	25,595	29,504	41,586	55,236	75,108	56,148	24,918	14,735	10,883	11,484	14,745	16,215	375,935	—	—	—
	mean s.f.d.	416	531	676	928	1,222	944	405	240	180	167	248	284	—	1,617	145	519
1988	acre-foot	22,877	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	695	949	725	341	219	180	151	184	252	—	1,416	118	408
1989	acre-foot	15,947	23,528	67,430	91,380	71,849	49,823	21,378	13,010	10,213	10,624	10,707	10,949	387,038	—	—	—
	mean s.f.d.	259	424	1,097	1,536	1,169	837	348	212	172	178	180	178	—	2,068	123	548
1990	acre-foot	12,916	13,127	23,048	32,019	36,600	29,345	13,380	8,366	8,428	8,834	8,340	9,148	203,571	—	—	—
	mean s.f.d.	210	238	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	13,087	406,289	—	—	—
	mean s.f.d.	178	166	770	978	1,297	1,688	622	242	186	152	234	213	—	5,025	109	561
1992	acre-feet	14,059	22,314	26,410	55,448	74,394	32,987	16,324	11,942	7,898	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	—	1,564	104	409
1993	acre-feet	39,221	39,564	94,231	133,993	200,864	182,420	87,414	32,763	16,506	14,223	14,386	18,163	653,760	—	—	—
	mean s.f.d.	638	712	1,533	2,252	3,267	2,730	1,422	533	277	231	242	295	—	3,957	203	1,178
1994	acre-feet	18,936	23,946	36,592	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	—	1,866	121	465
1995	acre-feet	46,832	48,774	156,387	143,244	255,046	293,129	237,802	89,657	39,108	24,093	22,268	28,820	1,365,160	—	—	—
	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	98,548	108,042	147,959	225,987	154,983	70,502	32,255	16,951	15,788	40,903	86,438	1,036,261	—	—	—
	mean s.f.d.	655	1,713	1,757	2,487	3,675	2,603	1,147	525	280	257	687	1,408	—	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	3,495	2,392	1,170	619	438	340	398	497	—	19,794	284	1,833
1998	acre-feet	45,927	136,340	151,329	189,863	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	2,481	3,187	5,016	6,249	4,348	1,537	858	569	560	540	—	8,477	436	2,373
1999	acre-feet	37,722	38,388	36,495	55,843	95,198	68,733	32,652	17,133	12,547	11,714	12,288	13,057	433,971	—	—	—
	mean s.f.d.	613	691	628	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	12,784	12,888	476,619	—	—	—
	mean s.f.d.	311	610	816	1,133	2,105	1,368	460	270	184	210	215	208	—	2,810	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	58,638	89,991	63,775	22,703	10,439	7,720	8,939	73,894	28,189	424,686	—	—	—
	mean s.f.d.	448	379	514	989	1,138	1,072	369	170	130	145	1,242	458	—	10,627	115	587
2003	acre-feet	33,402	31,428	48,924	56,146	113,472	118,383	37,075	24,278	14,555	10,798	12,962	18,301	519,724	—	—	—
	mean s.f.d.	543	566	786	944	1,845	1,990	603	395	245	178	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	286,847	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	—	7,198	315	1,597
2008	acre-feet	55,466	36,688	85,938	147,043	309,409	232,520	106,756	38,834	21,072	19,989	17,542	20,804	1,071,841	—	—	—
	mean s.f.d.	902	660	1,072	2,471	5,032	3,908	1,736	632	354	325	295	335	—	6,537	250	1,481
2007	acre-feet	20,874	21,917	34,867	35,649	51,267	24,131	12,363	9,941	8,547	9,851	10,100	13,065	252,692	—	—	—
	mean s.f.d.	339	395	567	599	834	406	201	162	144	162	170	212	—	1,018	117	349
2008	acre-feet	22,580	36,754	56,727	80,991	123,177	89,078	38,095	15,558	10,145	11,022	16,933	18,937	517,997	—	—	—
	mean s.f.d.	367	639	923	1,381	2,003	1,487	620	253	171	178	265	275	—	3,779	151	714

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

YEAR: 2008

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	37,510	43,393	65,517	98,893	156,667	138,558	71,888	31,050	18,261	17,313	20,125	27,469	726,644
Mean Monthly Flow (second foot days)	610	774	1,066	1,662	2,548	2,329	1,169	505	307	262	338	447	1,003
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	115	115	115	115	115	115	115	115	115	116	116	116	
Cumulative Monthly Flow	4,313,698	4,990,154	7,534,457	11,372,643	16,016,722	15,934,147	8,267,134	3,570,709	2,099,966	2,008,277	2,334,469	3,186,365	
Median Monthly Flow	23,667	31,644	48,089	75,503	120,676	109,337	47,280	21,521	13,773	14,325	15,969	19,474	541,258
Median Monthly Flow (second foot days)	385	565	782	1,269	1,963	1,837	769	350	231	233	268	317	747

MEAN APRIL - JULY RUNOFF TO DATE = 466,006 AcFt MEAN MARCH - OCTOBER RUNOFF TO DATE = 598,147 AcFt
 MEDIAN APRIL - JULY RUNOFF TO DATE = 352,796 AcFt MEDIAN MARCH - OCTOBER RUNOFF TO DATE = 450,504 AcFt

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

Acre-foot Quantities In order of Magnitude

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%	1910	102,883	127,733	79,464	42,046	352,126	76%
1962	28,540	41,722	14,069	92,556	176,897	20%	1854	101,203	139,719	73,553	39,642	354,117	76%
1963	23,391	25,630	35,855	10,973	95,649	21%	1905	82,047	117,748	132,766	86,942	366,398	79%
1964	23,440	41,867	24,262	8,493	96,062	21%	1896	57,854	86,174	146,124	82,780	372,922	80%
1965	25,924	47,151	20,930	14,749	108,754	23%	1975	48,802	147,001	140,660	51,917	386,180	83%
1966	32,019	38,600	29,345	13,380	113,344	24%	1902	107,403	109,904	128,853	43,436	389,596	84%
1967	39,919	43,065	21,820	11,341	118,145	25%	1946	109,658	155,476	85,680	39,733	390,747	84%
1968	35,649	51,287	24,131	12,363	123,410	26%	1903	74,315	132,097	139,222	53,355	386,989	86%
1969	28,288	45,965	38,531	14,936	127,720	27%	1944	80,223	150,109	115,662	59,197	405,391	87%
1970	40,566	39,945	32,061	16,013	130,585	28%	1979	102,079	164,935	106,112	46,733	419,859	90%
1971	42,248	45,213	32,809	15,033	135,303	29%	1984	93,114	161,613	93,114	77,046	423,132	91%
1972	39,564	58,350	43,140	20,969	162,043	35%	1985	146,799	146,799	99,658	41,395	424,293	91%
1973	46,272	58,336	47,181	16,883	168,472	36%	1920	137,840	158,904	137,840	50,699	430,813	92%
1974	55,448	74,394	32,987	16,324	179,153	39%	1915	124,506	172,324	172,324	77,498	455,242	98%
1975	42,946	61,521	54,658	23,803	182,928	39%	1965	80,043	131,980	149,357	95,288	456,668	98%
1976	46,489	61,224	56,223	21,068	191,004	41%	1963	137,939	163,944	163,944	103,384	476,579	102%
1977	37,757	76,885	60,344	18,716	193,702	42%	1940	118,175	196,465	145,503	50,471	510,614	110%
1978	28,102	88,295	67,366	24,125	199,888	42%	1962	147,463	135,888	157,253	74,674	515,474	112%
1979	50,517	84,508	57,695	17,201	209,911	45%	1927	100,362	164,721	161,153	75,481	521,717	112%
1980	55,236	75,108	56,146	24,918	211,408	45%	1942	112,898	150,038	178,754	61,529	522,905	112%
1981	42,484	73,561	60,738	34,929	211,722	45%	1896	97,553	159,983	168,678	99,529	525,641	113%
1982	53,133	51,353	30,046	21,370	156,302	46%	1932	111,273	154,742	166,404	94,013	526,432	113%
1983	58,838	69,991	63,175	22,703	213,710	46%	1974	114,113	183,733	167,740	69,590	533,166	115%
1984	39,064	85,995	63,487	30,986	219,532	47%	1917	126,329	187,636	187,636	61,275	560,304	120%
1985	68,779	82,336	55,431	23,347	219,893	47%	1997	142,900	214,290	142,358	71,919	571,476	123%
1986	64,197	78,343	58,378	23,084	223,002	48%	1938	157,299	218,404	197,792	67,902	581,624	125%
1987	37,567	69,544	68,660	31,014	227,785	48%	1901	83,190	168,446	197,792	114,613	582,041	125%
1988	53,508	67,851	82,624	28,401	232,382	50%	1993	133,993	200,864	162,420	67,414	584,691	125%
1989	66,079	98,998	49,530	18,575	232,782	50%	1945	131,246	205,509	169,002	91,593	597,350	128%
1990	91,360	71,849	49,823	21,378	234,430	50%	1996	147,959	225,987	154,893	70,502	599,331	129%
1991	43,976	86,108	78,565	31,331	239,980	51%	1922	84,407	242,259	202,395	86,649	617,710	133%
1992	52,661	66,635	82,707	42,472	244,475	52%	1897	173,393	281,639	137,393	61,837	654,262	140%
1993	60,353	110,325	64,054	30,690	246,319	53%	1907	197,720	199,950	183,995	97,083	676,748	146%
1994	68,444	89,991	57,778	21,118	249,572	54%	1914	144,934	210,678	210,678	128,338	685,012	147%
1995	58,248	124,417	43,033	24,583	250,282	54%	1895	162,071	268,635	172,890	91,133	694,728	149%
1996	37,246	80,471	100,925	33,170	251,812	54%	1943	198,736	254,785	155,650	88,011	697,182	150%
1997	55,843	95,199	68,733	32,852	252,627	54%	1911	138,113	164,461	222,076	156,486	701,166	150%
1998	69,320	91,914	65,817	25,630	252,681	54%	1973	110,892	288,652	230,380	93,834	723,768	155%
1999	79,320	79,418	60,305	41,951	260,994	56%	2005	132,119	288,947	238,352	128,182	786,500	169%
2000	48,914	85,039	86,990	38,941	261,884	56%	2006	147,043	309,409	232,520	106,756	795,728	171%
2001	92,136	92,253	58,400	28,626	268,269	58%	1982	212,863	254,985	198,748	130,998	796,794	171%
2002	58,092	79,763	100,423	38,265	276,543	59%	1958	168,105	316,974	230,866	115,724	831,669	178%
2003	68,644	79,355	132,359	292,346	292,346	63%	1937	163,505	352,050	225,395	91,097	852,047	183%
2004	88,974	98,801	64,564	43,061	295,400	63%	1988	208,147	293,335	263,784	121,398	886,674	190%
2005	57,265	98,026	125,395	58,688	299,364	64%	1967	98,509	269,631	311,063	243,802	924,005	198%
2006	76,155	98,463	90,367	298,908	298,908	64%	1944	143,244	255,044	289,129	237,802	929,221	199%
2007	67,388	129,406	81,396	28,306	306,496	66%	1955	143,244	255,044	291,880	237,802	961,769	206%
2008	56,408	102,016	96,252	58,437	313,113	67%	1936	223,928	315,044	291,880	130,917	961,769	206%
1904	59,812	113,205	103,904	39,725	316,646	68%	1980	124,618	287,625	282,677	208,715	991,025	213%
1970	63,513	110,057	95,700	319,408	319,408	69%	1941	124,618	386,668	309,960	174,415	995,657	214%
1921	51,723	100,096	120,387	49,119	321,325	69%	1978	161,700	363,157	354,825	194,693	1,094,375	235%
2003	56,146	113,472	118,363	37,075	325,076	70%	1952	222,633	434,769	302,557	159,858	1,119,815	240%
1953	70,730	86,019	103,164	69,657	329,570	70%	1998	169,663	308,440	371,935	287,435	1,137,373	244%
2008	80,991	123,177	89,078	38,985	331,341	71%	1909	394,086	382,617	394,086	194,870	1,218,975	262%
1923	73,355	120,949	82,528	55,800	332,532	71%	1906	173,143	360,234	458,418	399,841	1,391,636	299%
1918	74,513	126,722	136,753	44,628	342,997	72%	1983	208,473	476,925	571,948	288,868	1,545,810	332%
1919	86,574	140,215	81,844	34,364	342,997	74%	1916	481,749	472,924	371,700	225,154	1,571,597	337%
1935	71,042	103,787	133,634	42,184	350,647	75%	1969	378,333	617,968	496,796	254,777	1,747,874	375%
							MAXIMUM	481,749	617,968	571,846	399,841	1,747,874	
							MINIMUM	23,391	25,630	14,069	8,225	87,374	
							AVERAGE	98,893	156,967	138,558	71,888	466,008	

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

DISCHARGE IN CUBIC FEET PER SECOND

Year: 2008.

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	470	726	865	1,300	2,128	2,720	1,684	718	364	298	290	351
2	520	694	893	1,304	2,156	2,693	1,664	695	360	294	288	361
3	609	659	966	1,322	2,198	2,682	1,639	676	358	292	286	372
4	510	611	943	1,338	2,261	2,672	1,609	659	349	289	282	389
5	516	610	970	1,363	2,305	2,677	1,552	634	362	282	284	490
6	485	665	935	1,385	2,340	2,680	1,508	618	366	289	285	1,058
7	474	787	896	1,401	2,364	2,671	1,462	603	342	280	287	514
8	477	736	913	1,426	2,404	2,636	1,418	589	330	285	358	427
9	480	777	995	1,451	2,443	2,581	1,375	574	319	286	377	431
10	509	748	1,036	1,476	2,471	2,556	1,335	565	309	282	319	440
11	528	688	1,042	1,569	2,477	2,520	1,286	556	304	280	320	450
12	563	704	998	1,585	2,479	2,497	1,250	543	308	277	316	433
13	572	808	1,006	1,580	2,504	2,479	1,221	518	298	276	310	411
14	662	799	1,016	1,601	2,534	2,444	1,198	500	288	272	313	388
15	586	792	992	1,623	2,563	2,410	1,160	498	287	272	309	385
16	597	768	1,029	1,664	2,586	2,361	1,134	490	282	273	309	381
17	586	791	1,050	1,682	2,618	2,327	1,102	479	281	279	318	383
18	651	887	1,107	1,709	2,654	2,284	1,075	476	279	278	332	376
19	623	888	1,098	1,749	2,696	2,244	1,042	473	273	277	454	369
20	587	879	1,093	1,795	2,702	2,208	1,017	460	274	280	406	367
21	594	828	1,130	1,837	2,697	2,173	983	441	275	278	363	374
22	682	833	1,120	1,872	2,701	2,139	954	425	274	274	373	403
23	699	854	1,136	1,885	2,689	2,092	939	415	273	275	360	525
24	705	829	1,140	1,902	2,695	2,031	937	401	272	274	380	477
25	932	831	1,184	1,922	2,716	1,977	896	391	288	271	382	481
26	908	825	1,206	1,957	2,760	1,915	866	380	326	279	361	457
27	760	830	1,242	1,985	2,768	1,871	846	378	302	283	373	489
28	713	825	1,251	2,033	2,771	1,822	816	380	286	284	367	465
29	634	859	1,252	2,051	2,781	1,773	784	378	290	284	358	453
30	612	-	1,248	2,091	2,771	1,721	761	373	287	290	386	496
31	668	-	1,280	-	2,754	-	731	368	-	296	-	453
TOTAL	18,912	21,877	33,032	49,858	78,986	69,856	36,244	15,654	9,206	8,729	10,146	13,849
MAXIMUM DAY	932	888	1,280	2,091	2,781	2,720	1,684	718	366	298	454	1,058
MINIMUM DAY	470	610	865	1,300	2,128	1,721	731	368	272	271	282	351
MEAN	610	774	1,066	1,662	2,548	2,329	1,169	505	307	282	338	447
TOTAL AC. FT.	37,510	43,393	65,517	98,893	156,667	138,558	71,888	31,050	18,261	17,313	20,125	27,469
WHOLE YEAR:-	TOTAL,	366,349	MAX.,	2,781	MIN.,	271	MEAN,	1,003	TOTAL AC.FT.,	726,644		

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

Year: 2008

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	350	441	633	1,058	1,621	2,130	1,184	482	262	229	245	284
2	346	429	635	1,044	1,655	2,201	1,134	463	253	228	258	279
3	346	452	647	1,020	1,661	2,210	1,099	463	256	227	253	300
4	356	461	650	1,045	1,717	2,146	1,100	459	258	232	252	312
5	358	463	700	1,060	1,698	2,073	1,057	431	254	226	257	312
6	379	470	675	1,120	1,722	2,131	1,020	425	257	220	252	318
7	373	488	653	1,193	1,704	2,405	961	408	250	227	256	317
8	374	520	662	1,199	1,707	2,229	911	397	247	230	257	313
9	384	526	668	1,214	1,868	2,189	862	387	246	228	259	303
10	367	547	642	1,220	1,897	2,122	831	376	245	229	265	303
11	381	550	656	1,186	1,860	2,200	816	364	234	224	263	304
12	389	560	671	1,228	1,905	2,228	804	355	241	223	267	305
13	387	582	623	1,215	1,986	2,124	813	359	232	229	269	315
14	393	562	694	1,249	1,947	2,118	814	346	225	229	272	319
15	376	537	724	1,177	1,941	2,069	747	340	221	228	271	318
16	385	570	726	1,217	1,906	1,949	725	338	229	228	269	322
17	373	606	740	1,235	2,061	1,836	694	327	228	231	269	321
18	373	608	764	1,265	2,147	1,717	717	324	225	232	276	308
19	382	592	821	1,296	2,141	1,597	684	318	219	243	280	310
20	401	585	813	1,322	2,073	1,576	677	308	217	241	276	317
21	386	575	879	1,360	2,026	1,534	654	306	221	237	267	308
22	388	572	847	1,379	2,122	1,502	632	293	222	233	273	320
23	383	573	885	1,394	2,074	1,501	608	302	211	234	281	327
24	417	580	879	1,425	2,086	1,404	581	306	208	232	284	325
25	412	599	921	1,444	2,111	1,433	595	296	211	234	289	334
26	397	605	989	1,461	2,073	1,380	573	281	217	240	286	324
27	404	623	999	1,485	2,162	1,306	538	291	214	249	276	328
28	404	636	995	1,511	2,193	1,278	522	277	211	246	274	338
29	403	642	986	1,504	2,284	1,286	506	277	209	245	279	342
30	422	-	1,024	1,540	2,250	1,250	496	277	221	242	276	342
31	443	-	1,044	-	2,243	-	482	274	-	246	-	350
TOTAL	11,932	15,954	24,245	38,066	60,841	55,124	23,837	10,850	6,944	7,222	8,051	9,818
MAXIMUM DAY	443	642	1,044	1,540	2,284	2,405	1,184	482	262	249	289	350
MINIMUM DAY	346	429	623	1,020	1,621	1,250	482	274	208	220	245	279
MEAN	385	565	782	1,269	1,963	1,837	769	350	231	233	268	317
TOTAL AC. FT.	23,687	31,644	48,089	75,503	120,676	109,337	47,280	21,521	13,773	14,325	15,969	19,474
WHOLE YEAR:-	TOTAL,	272,884	MAX.,	2,405	MIN.,	208	MEAN,	747	TOTAL AC.FT.,	541,258		

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	30,351	44,575	79,089	80,539	61,189	61,059	39,830	22,114	14,450	17,500	17,595	610,320
1955	19,795	22,056	34,971	49,186	49,186	112,186	124,029	25,085	12,058	43,299	13,569	26,743	367,783
1956	41,377	40,339	62,779	69,281	64,867	115,428	124,029	99,489	52,098	42,294	19,990	16,834	753,500
1957	19,858	22,475	34,935	52,885	39,677	69,468	70,175	39,843	22,471	17,282	13,795	17,847	445,859
1958	19,137	28,125	42,125	78,772	131,421	181,305	167,890	143,722	61,519	49,625	25,095	16,825	967,511
1959	20,811	20,991	37,767	29,638	27,463	94,028	89,817	28,998	10,524	9,788	9,788	10,643	353,165
1960	12,516	17,405	24,044	47,866	47,866	81,681	38,991	26,388	13,164	10,483	13,803	12,706	324,088
1961	11,280	10,736	14,017	16,318	16,700	19,321	25,222	21,316	13,404	7,267	9,281	12,121	177,983
1962	13,121	27,435	44,938	69,445	67,187	112,437	113,318	119,179	26,164	64,628	12,446	12,054	607,646
1963	12,097	24,175	32,959	39,914	54,756	80,083	127,710	119,179	68,368	64,628	31,474	23,044	676,237
1964	20,356	21,152	28,532	27,485	28,451	79,288	71,078	61,323	10,989	6,832	14,259	22,879	361,924
1965	35,764	35,907	41,383	39,399	61,313	85,034	96,238	75,497	52,397	47,220	34,356	26,877	654,303
1966	29,978	22,752	50,933	44,634	37,289	67,488	68,338	14,739	19,536	14,739	15,295	62,447	504,509
1967	148,480	40,516	57,923	62,732	190,249	200,743	183,568	240,184	148,509	85,002	58,799	35,482	1,465,855
1968	33,088	36,264	44,964	45,035	52,186	60,046	62,937	59,394	13,856	13,856	16,385	14,085	497,028
1969	50,499	109,247	237,285	378,817	332,015	374,787	263,893	221,736	121,359	102,484	90,523	34,122	2,313,769
1970	42,299	32,206	52,489	60,101	53,088	66,904	94,112	69,421	35,687	35,687	16,228	15,844	601,264
1971	25,878	35,520	48,989	30,909	31,950	57,322	82,128	84,643	23,520	12,184	12,639	17,169	442,651
1972	19,327	22,094	32,130	29,780	32,410	44,965	47,096	31,579	11,960	10,289	12,460	16,524	311,291
1973	21,359	28,214	38,978	69,541	97,172	143,564	161,028	102,860	47,883	29,457	24,811	23,579	765,133
1974	55,447	45,860	40,246	47,151	57,477	98,807	120,476	109,093	69,648	54,385	37,085	21,137	745,903
1975	21,221	34,844	45,041	38,444	57,142	65,197	106,932	89,736	34,139	17,072	16,108	15,213	572,091
1976	14,890	19,008	31,789	23,699	26,901	52,300	54,190	21,828	19,440	12,948	12,848	11,341	320,764
1977	14,051	14,380	15,925	18,778	17,431	25,913	32,851	21,888	7,865	6,267	6,267	14,773	200,702
1978	26,132	50,265	49,222	149,450	296,073	236,549	196,357	148,660	73,234	93,098	70,927	30,458	1,390,975
1979	32,540	31,793	45,903	48,508	62,567	109,887	128,343	107,605	32,267	22,762	18,955	18,909	659,068
1980	55,976	61,590	157,593	165,089	167,415	194,134	238,718	200,338	108,518	62,893	61,644	28,838	1,560,662
1981	25,482	27,013	40,594	47,768	48,348	78,405	80,908	69,310	14,315	14,324	16,426	21,578	480,469
1982	30,363	43,374	49,110	57,860	69,489	155,908	169,492	159,341	68,411	104,122	191,403	82,435	1,121,086
1983	57,868	71,165	152,862	268,005	370,708	419,780	387,695	178,194	153,814	117,333	97,816	90,849	834,038
1984	84,200	98,998	98,814	80,814	67,327	89,009	110,785	96,734	43,180	41,726	37,420	47,770	649,971
1985	40,133	48,686	53,921	56,538	72,508	98,757	111,395	84,973	34,973	25,305	20,333	20,988	669,971
1986	31,277	39,038	93,948	172,221	205,204	233,197	193,767	141,114	67,569	62,762	45,227	24,208	1,331,561
1987	24,117	26,919	43,068	44,884	43,008	68,424	73,047	42,845	18,589	15,824	14,289	14,684	432,908
1988	20,793	26,906	35,036	33,769	31,815	60,965	60,458	29,346	13,526	10,316	10,316	14,463	335,473
1989	16,889	21,566	32,092	39,932	56,527	55,765	58,204	38,204	14,241	12,773	10,786	8,925	219,561
1990	12,928	16,124	25,071	24,422	25,454	30,030	31,129	30,204	8,885	6,979	6,979	8,925	94,308
1991	10,827	9,112	27,814	26,937	30,539	62,997	63,634	48,198	12,690	11,353	13,381	14,394	333,464
1992	13,593	20,711	25,451	25,777	33,548	34,900	40,967	34,900	10,185	7,769	10,383	13,680	642,339
1993	22,062	25,426	52,479	45,069	63,322	107,357	118,677	80,671	51,848	34,725	14,021	15,527	1,197,100
1994	16,622	28,720	41,610	41,256	35,411	66,470	75,175	53,464	18,072	13,745	12,080	27,963	642,391
1995	19,839	20,956	67,225	113,955	138,034	169,960	195,546	205,924	102,593	71,157	57,106	82,016	1,967,036
1996	28,894	34,578	47,226	59,048	148,419	183,050	147,913	113,232	64,770	43,593	46,201	82,016	968,036
1997	63,352	192,831	159,878	95,633	120,789	133,315	133,724	108,432	55,240	42,278	46,877	31,894	1,193,463
1998	45,639	93,967	97,489	132,317	239,423	284,408	239,607	200,713	114,224	89,980	83,054	31,739	1,662,556
1999	32,523	40,907	29,209	29,480	38,071	64,411	78,924	64,187	38,408	20,473	10,846	16,203	481,921
2000	19,846	23,320	33,554	46,850	49,204	81,023	83,669	59,377	28,533	20,340	12,260	16,260	472,536
2001	13,636	17,943	26,364	29,879	41,423	73,624	61,618	42,432	21,410	15,568	13,259	18,793	375,769
2002	25,339	19,896	24,465	25,348	34,740	54,714	59,163	39,317	18,197	13,635	20,165	23,084	397,927
2003	26,564	20,866	24,869	26,500	34,740	54,714	59,163	39,317	18,197	13,635	20,165	23,084	468,766
2004	19,772	17,917	34,389	49,351	49,088	71,088	61,801	61,801	27,646	15,099	14,041	16,589	423,379
2005	34,455	33,259	38,861	38,629	66,211	191,024	188,997	137,561	78,554	60,066	35,747	30,654	952,540
2006	55,783	32,313	24,869	49,868	273,869	258,081	167,623	68,747	45,725	22,008	20,484	18,680	1,046,138
2007	23,406	22,876	26,256	27,362	38,090	49,642	67,869	38,724	17,176	12,742	9,645	11,988	334,283
2008	13,894	19,952	34,395	39,590	58,926	83,715	60,059	60,081	20,646	16,767	15,935	9,357	472,758
MAXIMUM	148,180	142,831	237,285	378,817	370,708	419,780	387,696	240,154	153,814	117,333	101,403	90,649	2,381,876
MINIMUM	10,827	9,112	14,017	16,318	18,780	16,321	26,222	21,316	6,985	7,267	6,037	8,925	177,983
AcF TOTAL	1,680,323	1,945,711	2,804,832	3,516,459	4,724,308	6,283,333	6,081,918	4,876,028	2,350,649	1,866,609	1,605,417	1,387,357	38,862,037
AcF AVERAGE	30,006	35,377	50,993	63,972	85,898	114,424	110,576	83,182	42,743	33,920	27,371	24,981	703,323
S.F.D. AVERAGE	488	631	829	1,076	1,397	1,923	1,798	1,383	852	652	480	404	989
% OF TOTAL	4.27%	5.03%	7.25%	9.10%	12.21%	16.27%	15.72%	11.83%	6.05%	4.62%	3.89%	3.53%	100.00%

Year: 2008

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	453	531	765	921	1,262	1,600	1,929	1,561	904	643	461	424
2	461	543	757	943	1,283	1,648	1,891	1,534	884	651	454	400
3	450	563	765	947	1,284	1,701	1,888	1,541	867	636	456	388
4	449	565	778	944	1,320	1,755	1,857	1,540	855	624	460	393
5	453	561	779	950	1,327	1,787	1,879	1,551	830	618	461	404
6	454	571	778	947	1,324	1,808	1,898	1,558	805	637	465	473
7	456	573	786	967	1,317	1,842	1,903	1,540	785	612	460	408
8	452	575	785	998	1,343	1,864	1,917	1,521	770	601	463	398
9	446	659	782	1,029	1,358	1,889	1,917	1,529	750	602	468	391
10	443	639	803	1,047	1,356	1,901	1,897	1,526	739	592	469	384
11	443	606	828	1,059	1,341	1,911	1,876	1,518	731	573	480	381
12	451	603	804	1,067	1,356	1,930	1,869	1,494	717	543	477	391
13	458	618	812	1,068	1,361	1,947	1,848	1,466	707	542	480	387
14	462	638	803	1,077	1,357	1,968	1,853	1,439	707	540	464	384
15	466	630	820	1,092	1,343	1,973	1,854	1,423	701	529	460	390
16	490	621	825	1,092	1,351	1,996	1,837	1,411	698	519	463	387
17	491	620	832	1,095	1,345	2,046	1,806	1,383	692	507	467	393
18	500	628	822	1,099	1,369	2,062	1,771	1,388	677	515	459	411
19	507	640	825	1,113	1,392	2,062	1,753	1,356	663	519	460	408
20	504	676	841	1,108	1,430	2,034	1,722	1,318	654	525	461	403
21	501	673	860	1,111	1,449	2,040	1,757	1,287	651	526	463	401
22	491	685	866	1,120	1,463	2,052	1,744	1,240	654	519	456	400
23	497	717	875	1,137	1,479	2,037	1,737	1,215	653	517	445	395
24	531	711	883	1,155	1,483	2,051	1,715	1,192	648	516	433	401
25	551	695	883	1,162	1,485	2,034	1,695	1,162	642	519	447	401
26	570	700	885	1,175	1,477	1,999	1,691	1,121	638	513	455	402
27	556	709	892	1,194	1,483	1,943	1,682	1,093	636	506	454	417
28	535	724	893	1,192	1,491	1,923	1,663	1,062	631	498	457	425
29	525	626	880	1,203	1,519	1,949	1,650	1,027	639	497	451	424
30	538	-	896	1,241	1,558	1,937	1,643	991	621	490	451	429
31	544	-	906	-	1,600	-	1,608	951	-	472	-	441
TOTAL	15,128	17,831	25,709	32,253	43,306	57,689	55,750	41,938	21,549	17,101	13,800	12,534
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	488	631	829	1,075	1,397	1,923	1,798	1,353	718	552	460	404
TOTAL AC. FT.	30,006	35,377	50,993	63,972	85,896	114,424	110,578	83,182	42,743	33,920	27,371	24,861
WHOLE YEAR:-	TOTAL,	354,588	MAX.,	9,289	MIN.,	22	MEAN,	969	TOTAL AC.FT.,	703,323		

ACCRETIONS TO KERN RIVER BELOW ISABELLA DAM APRIL 1954 TO DATE

Year: 2008

Quantities in acre-feet except where noted...

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1954													
1955	2,358	1,921	1,821	4,038	2,977	1,478	1,897	2,559	514	628	868	1,870	19,331
1956	5,828	1,732	2,446	2,388	2,388	3,298	1,929	402	(314)	1,065	2,524	2,524	19,331
1957	2,114	888	1,067	2,860	2,368	1,486	2,347	3,061	1,119	5,789	1,358	1,452	31,774
1958	1,494	2,818	6,644	1,669	4,881	387	(4,346)	1,114	(899)	743	1,057	9,425	34,877
1959	1,289	1,068	1,544	14,550	4,981	(801)	540	5,125	1,735	222	1,168	1,289	7,997
1960	1,071	2,739	1,633	1,073	540	(938)	1,311	1,559	(383)	(880)	438	797	14,397
1961	815	757	914	1,581	92	1,801	284	1,559	149	502	873	1,188	14,397
1962	1,085	6,284	5,125	7,050	4,778	2,708	1,228	814	734	257	835	818	34,380
1963	1,005	2,190	1,900	1,827	3,828	1,389	2,855	1,753	833	1,041	2,045	1,898	28,577
1964	1,862	4,472	2,378	3,237	1,275	2,408	1,793	4,520	2,424	2,710	2,729	2,729	18,265
1965	3,172	1,460	2,608	4,776	811	(387)	151	(2,100)	(48)	1,941	1,038	2,285	15,727
1966	2,286	997	1,303	2,055	803	(63)	1,229	1,932	(59)	1,214	1,740	14,810	28,288
1967	3,856	3,320	3,094	3,945	1,988	7,531	5,738	10,548	1,517	1,298	2,819	2,688	48,148
1968	1,870	1,300	1,400	1,224	1,383	1,757	2,220	1,893	418	938	1,067	2,428	18,616
1969	19,079	17,945	23,667	40,391	20,384	11,064	18,859	17,183	5,750	2,480	2,457	3,381	182,440
1970	4,742	2,450	3,028	1,168	188	2,916	869	1,434	739	855	2,794	1,814	22,795
1971	2,309	1,547	1,202	1,459	2,154	1,500	808	707	211	158	785	1,833	14,871
1972	1,834	1,204	975	1,003	501	844	180	42	16	777	222	1,075	8,473
1973	3,148	4,182	7,888	7,384	8,123	3,811	1,882	3,879	4,188	1,982	1,880	2,689	48,842
1974	4,363	2,003	5,145	6,054	1,704	1,011	817	2,357	3,055	2,717	2,303	2,894	34,453
1975	704	1,299	2,925	2,841	4,023	2,285	1,565	55	899	497	189	748	17,608
1976	1,646	1,503	1,373	1,562	1,244	1,875	822	821	1,914	1,878	1,172	1,120	15,884
1977	1,174	1,652	1,844	954	1,124	1,087	822	1,001	683	184	280	2,130	12,715
1978	4,577	26,353	12,041	11,512	11,745	4,945	7,597	739	2,882	1,438	2,039	1,658	87,321
1979	1,724	3,158	5,330	2,875	1,718	484	(415)	234	518	1,428	478	1,544	18,882
1980	8,614	9,429	8,680	7,525	3,543	7,595	9,802	8,239	(88)	2	1,428	1,428	63,091
1981	2,861	1,313	2,041	1,858	1,129	140	148	1,788	958	764	459	1,798	16,552
1982	8,805	3,501	7,352	10,277	1,973	3,685	5,471	3,876	1,128	1,256	1,897	4,141	48,592
1983	8,887	17,322	37,912	24,107	12,710	4,711	3,097	2,414	7,484	8,473	9,390	8,718	138,185
1984	7,549	5,329	5,418	3,381	2,701	2,213	4,485	3,970	1,434	328	1,480	3,897	42,175
1985	3,759	3,840	3,865	2,714	(825)	(593)	2,897	517	278	1,497	2,264	3,501	23,515
1986	3,734	6,619	8,618	9,540	8,416	13,375	13,999	11,019	2,890	2,890	2,897	2,182	88,331
1987	3,123	2,239	3,822	738	2,535	1,811	1,488	1,149	898	901	418	689	19,387
1988	713	784	1,228	(51)	(15)	485	(485)	100	534	415	1,042	870	5,810
1989	551	962	3,415	1,188	2,048	1,464	(718)	671	(3)	378	150	973	11,080
1990	1,471	1,278	1,669	42	288	59	(1,580)	228	170	571	783	1,300	8,268
1991	1,351	683	3,089	2,983	846	(289)	378	862	(86)	(28)	1,205	1,428	12,308
1992	1,364	2,297	1,800	1,196	(294)	(289)	18	287	352	(222)	1,163	7,238	7,238
1993	3,131	3,757	4,177	2,110	(1,854)	(1,528)	(638)	(1,789)	389	903	308	1,019	9,862
1994	804	1,351	448	228	(1,152)	(367)	258	748	(89)	208	537	1,435	4,203
1995	4,878	2,805	10,025	5,684	10,025	11,210	10,055	11,347	1,380	2,483	1,784	3,132	74,868
1996	8,827	10,773	8,346	4,382	7,908	3,908	2,828	2,405	531	718	1,380	5,573	52,135
1997	14,188	9,981	7,447	911	2,816	4,819	809	(1,058)	2,448	(1,509)	(1,387)	4,441	42,878
1998	5,462	34,907	24,539	25,855	30,900	26,533	18,059	12,478	4,730	155	155	3,425	183,940
1999	3,772	4,820	3,238	3,148	1,092	1,092	1,516	2,094	624	1,088	122	890	23,235
2000	1,837	3,112	3,640	517	(889)	(562)	543	1,898	(3)	(26)	803	801	12,481
2001	1,144	1,377	1,200	1,240	(807)	1,813	821	250	(385)	(426)	437	1,202	7,684
2002	2,359	1,183	1,307	1,066	(1,066)	(111)	1,145	757	(251)	(17)	2,010	1,880	9,840
2003	2,517	1,647	1,571	1,678	210	(229)	890	932	(280)	514	579	891	11,799
2004	1,185	1,411	1,513	71	(1,520)	288	224	(908)	(80)	50	804	3,747	3,747
2005	2,718	1,382	3,309	2,452	5,484	7,107	5,893	3,282	(733)	1,177	2,242	2,481	38,572
2006	3,850	1,488	3,793	3,684	12,459	9,858	8,413	1,972	685	1,247	132	404	48,142
2007	1,185	1,237	1,182	228	(438)	(308)	(1,398)	(105)	(242)	(115)	158	131	1,545
2008	281	2,180	(173)	250	248	(204)	458	380	(83)	(270)	8	247	3,311
Total	171,691	229,998	283,803	246,984	178,664	149,690	143,718	131,783	53,420	52,812	60,072	121,253	1,803,888
Maximum	19,079	34,907	37,912	40,391	30,900	25,533	18,659	17,183	7,454	6,473	5,718	14,810	183,940
Minimum	261	472	(173)	(51)	(1,854)	(1,528)	(4,346)	(2,100)	(733)	(1,509)	(1,397)	131	131
Mean	3,179	4,259	4,885	4,491	3,248	2,813	2,813	2,396	971	1,092	1,092	2,205	33,022
Mean CFS	52	76	79	75	53	46	42	39	16	16	18	36	46

Year: 2008

Isabella Reservoir Daily Mean Storage (1954-2008)

MIDNIGHT STORAGE IN ACRE-FEET

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	153,593	164,904	175,240	190,082	220,410	287,700	302,001	256,822	202,119	175,859	157,019	149,352
2	153,874	165,264	175,669	190,891	222,024	289,766	301,311	255,072	200,982	175,065	156,619	149,279
3	154,551	165,394	176,025	191,637	223,653	291,706	300,560	253,226	199,855	174,127	156,227	149,327
4	154,860	165,471	176,482	192,432	225,360	293,459	299,796	251,332	198,761	173,557	155,819	149,286
5	155,159	165,567	177,046	193,180	227,036	295,145	298,878	249,377	197,798	172,810	155,394	149,698
6	155,322	165,693	177,406	193,920	228,789	296,721	297,874	247,364	196,886	172,035	154,992	152,333
7	155,460	165,856	177,692	194,628	230,502	298,254	296,784	245,373	195,939	171,309	154,580	152,870
8	155,603	166,133	178,039	195,281	232,225	299,586	295,558	243,444	194,984	170,570	154,489	153,017
9	155,786	166,567	178,353	195,977	234,063	300,746	294,278	241,419	194,032	169,838	154,453	153,094
10	156,045	166,981	178,759	196,568	236,051	301,811	292,958	239,404	193,076	169,113	154,177	153,206
11	156,356	167,215	179,258	197,557	238,019	302,730	291,563	237,428	192,138	168,429	153,868	153,397
12	156,824	167,413	179,663	198,573	239,947	303,550	290,107	235,462	191,256	167,818	153,516	153,475
13	157,372	167,879	180,010	199,556	241,949	304,166	288,659	233,485	190,347	167,185	153,178	153,512
14	157,904	168,332	180,404	200,513	243,963	304,755	287,197	231,539	189,414	166,555	152,858	153,522
15	158,203	168,755	180,732	201,601	246,096	305,203	285,642	229,625	188,489	165,949	152,549	153,512
16	158,635	169,152	181,091	202,561	248,321	305,560	284,098	227,747	187,559	165,375	152,211	153,503
17	158,981	169,537	181,495	203,562	250,618	305,764	282,534	225,866	186,654	164,845	151,923	153,475
18	159,159	170,346	181,861	204,563	252,997	305,818	281,014	223,970	185,779	164,297	151,699	153,430
19	159,451	171,058	182,246	205,564	255,545	305,886	279,453	222,159	184,921	163,742	151,437	153,304
20	159,700	171,803	182,615	206,531	258,125	305,954	277,844	220,392	184,081	163,200	151,157	153,303
21	159,981	172,297	183,067	207,751	260,647	305,931	276,152	218,622	183,275	162,606	150,917	153,247
22	160,254	172,742	183,580	208,895	263,214	305,830	274,490	216,935	182,446	162,036	150,760	153,324
23	160,502	173,190	184,132	209,998	265,743	305,678	272,792	215,255	181,613	161,471	150,573	153,899
24	160,897	173,535	184,683	211,072	268,241	305,370	271,105	213,616	180,805	160,920	150,435	154,228
25	162,062	173,932	185,232	212,165	270,657	305,015	269,374	211,990	180,063	160,345	150,347	154,534
26	162,823	174,411	185,788	213,276	273,142	304,654	267,586	210,423	179,485	159,808	150,164	154,785
27	163,291	174,544	186,425	214,494	275,660	304,318	265,810	208,896	178,809	159,319	149,918	155,131
28	163,590	174,835	187,148	215,841	278,167	303,904	264,022	207,431	178,066	158,825	149,705	155,344
29	163,779	-	187,825	217,281	280,682	303,343	262,201	206,009	177,330	158,520	149,523	155,479
30	163,906	-	188,491	218,818	283,054	302,703	260,378	204,644	176,603	157,893	149,469	155,582
31	164,285	-	189,275	-	285,414	-	258,558	203,331	-	157,485	-	155,651
MAXIMUM DAY	164,285	174,835	189,275	218,818	285,414	305,954	302,001	256,822	202,119	175,859	157,019	155,651
MINIMUM DAY	153,593	164,904	175,240	190,082	220,410	287,700	258,558	203,331	176,603	157,485	149,469	149,279

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	18.0	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	46.2	59.9	94.5	156.3	167.4	97.2	36.1	20.3	870.4
1957	17.6	15.7	15.1	18.4	25.3	30.3	38.5	78.1	131.8	41.0	18.4	12.5	438.7
1958	13.6	13.3	17.6	20.6	36.5	61.5	153.6	312.3	231.7	120.1	51.1	25.8	1057.7
1959	20.6	18.7	17.8	19.3	21.2	31.7	39.5	39.4	33.0	15.8	9.9	9.8	276.5
1960	9.8	9.7	10.3	12.2	27.9	30.2	44.5	58.0	45.5	15.1	7.9	8.4	278.3
1961	9.5	13.0	11.7	10.6	10.0	13.1	23.0	29.1	23.8	8.5	15.1	7.6	175.0
1962	7.1	8.8	11.0	12.4	47.1	32.4	140.5	130.8	154.7	72.1	23.7	13.1	653.7
1963	12.9	11.6	11.1	26.5	99.6	41.0	67.6	134.0	162.3	102.6	42.2	26.5	737.9
1964	24.5	23.8	21.5	18.2	16.6	22.7	39.6	60.0	52.3	22.0	13.3	8.6	323.1
1965	8.7	13.9	44.2	43.5	30.2	33.2	74.5	131.0	149.9	94.9	50.7	22.0	896.7
1966	15.6	28.4	26.3	27.0	21.4	37.8	66.7	81.5	45.4	21.9	16.1	9.6	399.7
1967	9.5	13.7	298.0	58.6	62.5	85.2	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	41.8	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	10.8	14.5	19.3	30.5	32.2	45.0	103.9	292.5	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	88.6	37.8	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	98.4	164.0	105.5	47.0	26.9	18.1	879.3
1980	18.2	18.2	17.7	138.7	159.4	130.7	204.1	284.4	274.9	198.9	89.9	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	48.5	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	28.2	33.6	35.6	36.7	37.0	49.5	133.6	147.4	100.4	38.7	23.4	16.7	878.8
1986	25.5	20.0	30.4	38.9	143.6	195.2	198.6	283.9	250.4	107.4	46.1	24.3	1354.9
1987	15.1	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	10.8	14.3	15.5	22.0	19.1	29.0	39.6	58.4	42.6	21.5	13.4	10.2	296.2
1989	8.9	9.9	14.6	15.4	22.6	64.0	90.2	68.8	48.4	22.1	12.3	10.2	388.4
1990	10.4	10.5	10.0	11.4	11.8	21.4	32.0	36.5	29.1	14.9	8.2	6.3	204.5
1991	8.3	7.8	7.8	9.6	8.5	44.2	55.2	78.9	100.7	37.9	14.1	11.1	383.9
1992	9.4	12.7	11.6	12.7	20.0	24.6	54.2	74.7	33.3	16.3	11.7	7.5	288.7
1993	9.8	11.5	13.4	36.1	35.8	90.1	131.9	202.9	163.9	88.0	34.6	16.1	833.9
1994	13.4	14.1	17.1	18.3	22.6	38.1	48.3	68.4	56.6	20.8	11.2	9.1	336.0
1995	14.8	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	94.6	113.0	142.0	211.7	137.7	71.1	38.7	23.6	1201.0
1998	22.5	25.1	28.1	40.4	101.4	128.8	163.9	277.5	346.3	251.4	82.0	48.2	1508.8
1999	35.2	33.1	29.8	33.9	33.6	35.3	52.7	94.1	67.7	31.3	15.0	12.0	473.7
2000	10.6	12.2	12.4	17.5	32.0	46.5	66.9	130.1	81.9	27.8	14.7	10.9	463.5
2001	12.1	12.0	11.9	14.3	17.6	35.7	57.1	125.2	41.4	23.8	11.3	9.3	371.7
2002	9.8	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	38.9	20.2	1042.7
2007	18.8	17.4	20.2	19.7	20.7	33.7	35.5	51.7	34.4	13.7	10.0	8.8	274.8
2008	10.1	9.9	13.0	22.3	34.6	56.9	80.7	122.9	89.3	37.8	15.2	10.3	502.8
MEAN	16.8	19.9	30.0	38.7	43.0	62.5	91.5	154.0	136.5	71.7	32.1	19.5	716.1

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	2.80	1.02	0.44	0.00	0.00	0.23	0.11	0.21	8.00
1950-51	0.00	3.16	0.98	1.12	0.18	0.11	0.93	0.03	0.00	0.00	0.00	0.00	8.59
1951-52	0.35	0.47	4.77	5.52	0.37	3.28	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	0.87	1.20	0.20	0.00	0.00	0.00	0.00	9.86
1953-54	0.13	0.90	0.78	1.88	2.28	2.13	0.16	0.07	0.00	0.00	0.00	0.02	8.33
1954-55	0.00	0.00	1.30	2.47	1.05	0.00	0.67	0.00	0.00	0.00	0.00	0.00	7.07
1955-56	0.00	1.34	4.01	4.25	0.28	0.03	1.51	0.43	0.00	0.20	0.00	0.00	12.03
1956-57	0.42	0.00	0.17	1.66	0.98	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	18.58
1958-59	0.17	0.49	0.92	0.84	1.54	0.98	0.45	0.07	0.00	0.00	0.00	0.34	3.80
1959-60	0.00	0.00	0.97	1.77	6.46	0.43	1.26	0.34	0.00	0.00	0.00	0.07	11.34
1960-61	0.12	1.26	0.12	0.90	0.01	1.59	0.51	0.16	0.11	0.02	1.20	0.00	5.60
1961-62	0.00	2.15	0.78	2.55	5.35	1.28	0.08	0.00	0.00	0.00	0.00	0.00	12.16
1962-63	0.03	0.00	0.00	1.52	3.06	2.06	1.07	0.13	0.72	0.00	1.16	1.18	10.91
1963-64	2.02	1.20	0.46	0.97	0.07	1.83	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	13.48
1965-66	0.00	2.78	2.37	0.66	0.75	0.22	0.00	0.00	0.00	0.00	0.00	0.00	7.99
1966-67	0.00	1.09	1.53	2.49	0.02	0.83	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	1.85	8.86	8.12	1.14	0.85	0.35	0.34	0.27	0.00	0.10	22.11
1969-70	0.07	0.96	0.24	3.91	0.54	1.98	0.43	0.00	0.00	0.02	0.00	0.00	7.67
1970-71	0.04	3.47	2.20	0.54	0.37	0.45	0.68	0.69	0.00	0.08	0.54	0.00	8.22
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	5.94
1972-73	0.88	3.13	2.68	3.98	2.57	2.85	0.25	0.25	0.00	0.00	0.00	0.00	15.95
1973-74	0.11	1.28	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	1.98	0.85	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	1.91	0.88	0.05	0.00	0.41	0.00	8.20	10.13
1976-77	0.23	0.07	0.32	1.50	1.04	0.75	0.00	0.81	0.39	0.00	0.87	0.00	8.08
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	0.83	11.81
1979-80	0.85	0.33	0.34	7.71	4.32	1.85	0.51	0.55	0.00	0.00	0.00	0.00	16.56
1980-81	0.09	0.01	0.63	2.85	1.49	3.05	0.23	0.34	0.00	0.00	0.00	0.04	8.53
1981-82	1.05	1.17	1.18	4.04	1.15	4.27	1.59	0.01	0.04	0.00	0.13	0.71	16.32
1982-83	0.78	3.14	3.78	4.31	4.38	5.60	0.58	0.09	0.00	0.00	1.14	0.20	24.34
1983-84	0.83	3.49	3.58	0.00	1.13	0.31	0.51	0.00	0.02	2.91	0.63	0.00	12.28
1984-85	0.82	2.90	1.93	0.68	1.18	1.71	0.03	0.00	0.00	0.00	0.00	0.15	9.18
1985-86	0.10	2.27	1.43	2.84	3.58	1.71	0.10	0.00	0.00	0.38	0.00	0.27	14.85
1986-87	0.24	0.54	0.27	2.85	2.03	1.88	0.10	0.42	0.46	0.00	0.00	0.04	8.85
1987-88	0.62	0.97	1.38	1.90	2.03	1.88	1.41	0.50	0.00	0.51	0.00	0.00	8.85
1988-89	0.00	0.00	3.15	0.29	2.24	2.28	0.09	0.04	0.00	0.00	0.00	0.82	10.48
1989-90	0.11	0.30	0.00	1.33	1.00	0.87	0.44	0.28	0.00	0.00	0.00	0.35	4.46
1990-91	0.01	0.81	0.74	0.99	1.17	8.43	0.03	0.08	0.00	0.00	0.01	0.19	10.27
1991-92	0.53	1.00	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	0.78	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	3.78	0.87	0.19	0.00	0.00	0.00	0.25	9.07
1994-95	0.31	1.45	0.71	7.28	1.35	3.63	0.38	0.55	0.40	0.00	0.51	0.00	16.75
1995-96	0.00	0.00	1.79	4.38	5.03	1.47	0.53	0.00	0.00	0.00	0.00	0.00	13.18
1996-97	0.86	2.38	4.29	3.90	0.13	0.80	0.00	0.00	0.00	0.88	0.00	1.02	12.48
1997-98	0.40	1.76	1.74	2.72	16.80	2.97	0.32	1.74	0.09	0.00	0.00	0.09	22.53
1998-99	0.12	1.03	0.80	3.82	0.51	0.57	1.85	0.96	0.00	0.04	0.00	0.39	9.71
1999-00	0.00	0.18	0.00	1.55	3.98	0.78	0.58	0.10	0.00	0.00	0.07	0.00	7.23
2000-01	0.51	0.14	0.23	2.28	3.18	1.15	1.96	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	0.29	0.00	0.11	0.00	0.00	6.27
2002-03	0.00	8.78	2.95	0.01	1.70	1.24	0.73	0.58	0.00	0.29	0.78	0.59	14.28
2003-04	0.18	0.71	2.94	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	2.78	0.03	0.99	2.01	0.72	0.88	0.00	0.90	0.85	0.51	18.92
2005-06	0.06	1.11	3.83	3.10	1.38	2.21	0.93	0.02	0.00	1.88	0.00	0.42	14.12
2006-07	0.19	0.06	2.32	0.57	1.84	0.88	0.20	0.00	0.00	0.00	0.00	0.00	8.28
2007-08	0.06	0.10	1.58	3.94	5.96	0.02	0.00	0.02	0.00	0.14	0.00	0.06	11.88
AVERAGE	0.38	1.19	1.87	2.45	2.20	1.81	0.88	0.25	0.08	0.14	0.17	0.33	11.33
MAXIMUM	2.30	5.76	11.53	9.58	10.80	8.43	2.77	1.74	0.80	2.01	1.20	5.20	24.34
DAILY MAXIMUM	1.13	2.85	5.20	2.58	3.58	1.72	1.45	0.75	1.01	1.56	1.01	3.08	
DATE OF OCCURRENCE	10/19/04	11/20/50	12/05/68	01/09/05	02/03/08	03/04/91	04/02/74	05/28/99	06/05/72	07/20/08	08/08/63	09/30/78	

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	79.6	76.2	74.7	74.7	53.7	46.8	60.6
1957	40.6	52.5	52.0	58.1	62.8	77.3	61.9	76.4	73.5	59.3	49.8	48.9	61.1
1958	46.3	49.3	47.8	56.1	66.7	72.2	79.7	82.8	74.9	67.3	52.1	50.6	62.3
1959	47.6	46.1	56.5	64.1	82.8	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	82.0	79.4	84.5	81.3	71.2	62.3	49.6	44.7	61.9
1962	44.7	46.4	48.0	61.3	60.9	73.4	78.6	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	76.8	70.1	66.8	48.6	47.2	59.2
1965	46.1	47.9	49.6	54.1	60.7	67.1	77.3	76.8	66.5	64.4	51.8	43.6	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	78.9	79.4	73.1	57.6	53.3	45.0	59.3
1970	45.6	50.4	49.9	51.0	65.6	72.7	81.6	80.1	69.6	60.1	52.4	41.3	60.0
1971	43.4	44.8	50.6	58.3	70.7	79.7	79.7	79.7	70.9	58.4	48.6	38.8	57.9
1972	42.0	49.1	56.1	55.1	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	64.8	73.1	76.9	74.8	68.5	59.1	46.9	44.9	57.6
1974	41.3	44.8	49.4	51.2	62.2	72.5	76.6	76.2	74.2	61.4	50.0	41.0	56.4
1975	43.1	43.6	45.7	45.7	60.7	71.2	73.6	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	56.3
1977	42.8	48.4	43.8	47.4	55.4	74.0	77.6	77.2	70.0	62.3	51.1	47.3	59.0
1978	44.3	48.1	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	72.8	74.0	61.8	50.0	48.4	59.1
1980	47.5	49.1	46.5	54.8	57.7	66.8	77.8	75.3	69.2	63.2	52.4	49.0	59.1
1981	48.3	47.7	47.7	63.6	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	63.8	66.6	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	56.5
1984	47.0	48.8	51.4	52.6	67.3	70.6	80.9	76.2	74.8	56.7	48.3	41.9	59.6
1985	43.2	45.7	46.5	59.3	62.9	75.1	79.9	75.3	65.1	59.0	47.0	44.5	56.8
1986	49.7	49.0	53.5	54.9	63.5	73.7	75.7	78.8	64.1	58.2	51.0	43.0	59.6
1987	38.9	45.9	47.5	59.0	63.2	73.8	72.6	76.5	69.6	64.4	48.6	38.8	56.2
1988	42.3	48.5	50.8	55.1	59.6	70.3	80.2	77.9	69.6	68.1	50.3	43.1	58.7
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	71.8	80.1	74.9	69.6	62.7	49.4	37.4	56.5
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	64.6	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	48.5	45.6	54.7	58.1	66.8	79.6	86.8	85.5	78.7	64.8	48.0	46.1	63.3
1995	45.2	56.1	53.8	56.2	61.4	71.4	81.0	81.7	76.9	68.5	60.8	48.5	63.5
1996	47.1	48.8	52.7	58.6	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	50.8	44.2	62.1
1998	46.7	44.3	52.7	53.2	58.1	67.8	80.5	82.5	71.2	59.3	50.8	43.9	59.1
1999	47.9	48.1	48.1	52.2	63.8	72.3	78.9	77.5	75.9	68.0	56.4	47.8	61.5
2000	47.4	49.0	51.9	58.2	67.4	77.1	79.0	60.4	73.3	61.7	48.6	48.5	62.0
2001	44.4	44.1	54.8	53.5	73.0	76.9	78.7	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	82.0	55.6	45.8	62.1
2003	52.0	47.8	53.5	55.5	66.8	76.0	83.8	80.4	77.7	88.9	49.2	46.5	62.1
2004	44.9	45.3	58.1	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	55.0	68.3	77.4	82.1	79.2	84.5	75.0	82.1	54.5	46.0	62.1
2007	43.0	48.7	56.8	58.4	68.5	76.6	82.8	83.3	72.3	62.5	57.2	44.2	62.8
2008	44.1	47.9	53.0	57.9	65.5	78.9	83.6	83.3	76.6	64.8	55.8	44.9	63.0
Normal	44.5	47.3	50.6	55.6	63.8	73.1	79.8	78.5	72.3	62.1	51.5	44.7	60.3
Maximum	52.0	56.1	59.1	64.1	73.0	79.8	86.8	85.5	77.7	88.9	60.8	50.8	63.5
Minimum	38.9	41.7	42.8	45.4	55.4	66.8	72.8	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	14.46	11.94	9.21	83.19
1954-55	6.57	3.03	2.02	1.24	2.52	5.05	5.94	8.83	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	8.67	11.91	12.37	11.84	9.57	81.17
1956-57	3.99	3.29	2.29	1.83	2.46	4.40	8.60	7.53	12.51	12.80	12.90	9.18	82.38
1957-58	4.74	3.27	2.14	2.08	1.93	2.73	7.98	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	8.73	13.66	15.53	13.76	9.03	92.20
1959-60	6.57	4.05	2.67	1.49	2.10	5.08	8.39	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	8.89	13.65	15.41	10.39	9.08	64.42
1961-62	6.42	3.18	1.80	2.28	1.85	3.47	7.29	8.49	12.03	13.33	12.56	9.30	81.80
1962-63	5.55	3.00	2.70	2.82	2.74	4.46	4.38	8.31	10.74	14.32	12.03	7.89	76.94
1963-64	4.59	2.40	2.08	2.26	3.11	4.37	6.51	8.93	11.88	13.95	12.88	9.30	82.06
1964-65	6.54	2.58	2.02	1.83	2.97	3.94	4.74	8.90	10.32	11.87	10.48	8.19	74.38
1965-66	6.26	2.25	1.40	2.11	2.41	4.84	7.86	11.10	12.75	14.07	14.04	9.51	88.80
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	73.08
1967-68	8.32	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	9.93	85.88
1970-71	6.63	3.51	1.38	1.74	2.77	5.61	8.63	8.49	12.51	14.38	13.30	9.93	88.86
1971-72	6.32	3.39	1.46	2.33	3.47	6.94	7.89	11.26	12.03	16.09	12.93	9.33	93.46
1972-73	5.24	2.43	1.71	2.20	2.55	3.69	7.17	10.20	13.83	15.78	13.14	10.56	86.50
1973-74	6.79	3.69	1.89	1.83	3.42	4.28	7.02	12.06	14.82	15.13	14.32	11.82	97.07
1974-75	5.64	3.24	2.20	2.51	2.52	3.97	5.70	11.53	15.72	16.93	15.63	10.68	96.17
1975-76	6.39	3.87	2.45	3.69	3.81	8.11	8.04	13.98	15.68	15.93	13.27	8.88	101.78
1976-77	8.17	3.72	2.76	2.14	2.14	5.49	10.05	9.36	15.03	18.45	15.41	11.52	103.85
1977-78	7.58	4.47	2.70	1.77	2.55	4.34	8.15	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	11.67	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	14.23	14.14	14.14	9.76	87.08
1980-81	8.96	4.05	2.82	2.39	3.11	3.94	7.98	11.56	17.16	17.92	15.69	11.34	104.92
1981-82	5.55	3.66	2.36	2.08	3.06	3.66	6.84	11.19	12.15	15.28	13.36	8.28	87.47
1982-83	5.77	2.70	1.80	2.11	2.10	3.78	5.67	10.91	13.32	14.32	10.11	9.81	62.40
1983-84	5.30	2.43	1.86	2.82	3.22	5.83	7.71	13.81	14.22	13.14	12.08	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	86.37
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	3.18	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	8.73	3.24	1.98	2.23	2.74	6.01	9.90	12.43	14.94	18.07	14.88	9.93	103.05
1989-90	6.54	4.38	2.98	2.60	2.97	5.80	8.73	12.25	15.38	17.48	14.85	10.85	104.89
1990-91	8.40	4.02	2.54	2.48	3.84	3.75	7.98	10.35	12.96	14.07	12.85	9.60	82.64
1991-92	7.44	5.61	4.71	4.25	4.37	5.86	8.45	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	7.82	10.79	12.15	14.57	13.18	9.68	96.41
1993-94	8.12	3.83	1.98	2.33	2.51	5.44	7.35	9.99	14.93	15.80	14.93	9.75	94.99
1994-95	6.05	2.95	1.94	1.34	3.09	3.59	5.83	8.64	11.12	14.86	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	2.81	2.07	1.51	0.91	3.91	5.44	8.21	10.42	13.95	13.83	8.59	76.09
1998-99	6.18	3.09	2.55	2.75	2.88	4.71	5.68	10.74	13.18	14.56	12.93	10.54	89.69
1999-00	7.87	4.21	1.83	2.14	1.83	4.71	8.03	11.79	14.13	15.27	14.59	10.46	98.40
2000-01	8.08	3.27	3.19	2.28	1.95	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	5.08	7.81	11.42	14.99	15.65	14.73	11.26	98.85
2002-03	7.10	3.95	2.05	2.85	2.84	5.32	5.40	9.38	13.36	15.39	12.46	10.65	80.57
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	89.99
2004-05	5.62	3.16	2.00	1.50	2.36	4.03	6.13	9.30	12.37	15.23	13.53	9.33	64.58
2005-06	6.15	4.33	1.75	2.62	2.78	2.33	4.93	9.77	12.23	14.10	10.17	10.17	83.09
2006-07	5.80	3.62	1.98	2.12	2.28	5.82	7.09	11.26	11.96	15.77	14.40	9.41	92.49
2007-08	7.89	5.30	2.61	2.76	3.13	5.23	7.21	8.49	12.69	13.77	13.67	10.63	93.50
MEAN	6.36	3.41	2.20	2.21	2.72	4.73	7.06	10.40	13.17	14.83	13.40	9.80	90.29

ISABELLA RESERVOIR EVAPORATION

April 1954 to Date

Year: 2008

Quantities in acre-feet

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	238	141	526	1,547	1,705	1,375	647	542	258	180	7,556
1956	407	768	1,444	1,797	3,330	5,486	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	4,470	6,843	4,729	3,521	1,603	1,307	40,519
1959	1,021	1,099	2,148	2,860	4,983	4,439	4,439	3,503	2,263	1,728	1,087	684	26,256
1960	323	466	1,089	1,505	2,287	3,372	2,720	2,128	1,379	783	280	166	16,663
1961	315	319	419	780	1,158	2,178	2,204	1,200	930	647	329	168	10,647
1962	188	182	448	1,105	2,307	4,128	4,840	4,084	2,880	1,684	916	770	23,530
1963	694	930	1,523	1,577	3,503	5,534	6,202	6,696	4,138	2,289	1,172	862	37,218
1964	916	1,105	1,418	2,162	4,842	4,584	4,842	3,915	2,838	2,057	849	635	28,540
1965	595	857	1,053	1,368	3,251	4,757	5,968	5,397	3,098	3,098	1,103	656	32,290
1966	843	833	1,555	2,624	4,159	5,117	5,246	4,578	2,821	1,819	767	928	31,288
1967	970	1,071	1,674	1,700	3,931	5,980	8,605	8,051	4,574	3,578	1,597	744	42,855
1968	901	930	1,380	2,511	4,243	5,574	5,258	4,048	3,239	1,954	891	478	31,405
1969	484	668	1,511	1,868	4,334	6,486	8,916	9,046	5,911	3,560	1,968	980	45,760
1970	885	1,289	1,935	2,593	4,954	6,051	6,959	6,376	4,597	3,010	1,623	619	40,891
1971	700	990	1,836	2,277	3,181	5,337	6,227	5,233	3,678	2,370	1,304	545	33,678
1972	729	1,000	1,807	2,045	3,096	3,512	4,154	2,703	1,616	1,059	524	355	22,800
1973	434	496	760	1,738	4,009	7,898	9,128	7,109	5,530	3,584	1,881	966	43,411
1974	825	1,347	1,622	3,023	6,119	9,055	8,904	7,073	4,703	3,308	1,166	1,166	53,936
1975	1,474	1,002	1,476	2,162	4,911	8,208	8,936	7,488	4,887	2,957	1,845	1,125	46,169
1976	1,488	1,291	1,952	2,537	4,552	5,226	4,552	3,261	2,108	1,609	984	702	30,250
1977	466	700	968	1,781	1,765	3,269	3,757	2,495	1,795	1,216	728	428	19,368
1978	343	621	1,597	2,688	5,891	9,253	10,669	9,845	6,020	5,115	2,049	988	55,497
1979	1,069	954	1,898	3,701	6,337	9,080	9,535	7,242	4,710	3,306	1,898	1,248	51,942
1980	1,047	1,375	2,229	3,715	4,943	8,289	10,374	10,171	6,637	4,544	2,448	1,565	57,335
1981	1,154	1,317	1,619	3,388	5,371	6,644	8,660	6,966	5,028	2,582	1,747	1,067	47,541
1982	827	1,093	1,333	3,172	6,563	8,180	10,987	9,418	5,732	4,086	1,789	1,053	54,193
1983	1,097	1,057	2,182	3,235	5,905	9,255	10,645	7,830	7,337	3,814	1,655	1,188	55,001
1984	1,624	1,547	2,545	3,594	7,055	8,327	7,914	7,142	6,085	3,642	1,642	1,103	52,220
1985	1,139	1,287	1,749	3,894	6,375	8,622	9,025	7,850	4,441	3,267	1,577	885	49,931
1986	1,119	1,150	2,323	4,740	7,436	10,088	10,933	10,276	6,361	3,866	1,206	732	61,827
1987	916	1,428	1,833	3,537	4,598	6,682	7,115	6,454	4,469	2,906	1,361	500	42,029
1988	823	1,178	1,962	2,132	3,148	4,141	4,667	3,318	2,493	1,777	865	500	27,004
1989	502	540	1,339	2,628	4,282	5,572	6,458	4,653	3,027	2,029	1,380	877	33,497
1990	657	649	1,148	1,755	2,705	3,713	3,993	2,872	2,035	1,609	797	480	22,423
1991	409	547	635	1,587	2,674	4,568	5,171	4,026	2,951	2,315	1,789	1,434	26,106
1992	1,137	1,016	1,295	2,218	3,459	4,132	4,542	4,024	2,910	1,862	1,285	1,238	28,118
1993	970	1,081	1,365	2,888	5,185	7,057	8,080	6,083	5,808	3,652	2,281	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	1,089	704	38,343
1995	462	1,016	1,444	2,814	3,447	6,952	10,701	10,151	7,525	5,177	2,898	1,402	53,568
1996	1,341	914	2,646	5,072	7,928	9,967	10,661	9,076	6,587	4,019	2,053	1,139	61,423
1997	918	1,862	3,183	4,350	7,260	8,057	8,941	8,428	5,790	4,219	1,611	1,186	55,615
1998	768	415	1,617	2,807	3,586	6,714	10,102	10,163	6,050	4,286	1,981	1,472	50,171
1999	1,384	1,252	1,983	2,430	5,092	6,956	7,761	6,480	5,113	3,602	2,045	1,569	45,887
2000	849	849	1,686	2,971	5,060	6,944	7,315	6,327	2,499	2,499	1,363	1,252	41,235
2001	760	551	1,620	2,053	5,165	6,978	5,978	5,476	3,858	2,539	1,115	524	36,450
2002	541	928	1,261	2,146	3,338	5,581	6,647	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	3,318	1,071	1,071	40,858
2004	827	575	2,027	3,283	4,652	6,083	6,526	5,062	3,658	1,791	1,029	633	36,348
2005	486	718	1,341	2,541	5,040	6,963	6,010	6,963	6,010	3,666	2,604	1,016	51,305
2006	1,327	1,210	1,031	2,507	4,528	6,944	8,164	8,851	5,617	3,281	1,089	1,089	45,525
2007	1,016	934	2,313	2,838	4,715	5,546	6,323	5,155	3,269	2,618	1,872	2,075	37,690
2008	863	877	1,551	2,408	3,394	5,818	8,305	5,530	3,935	2,785	1,404	1,021	35,891
Average	817	908	1,580	2,476	4,282	6,207	7,051	5,996	4,195	2,719	1,444	889	38,565

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	8,870
1955	76,567	December 31	4,330	April 21	76,567
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	100,847	January 23	188,112
1959	207,674	May 21	71,344	December 19	71,808
1960	119,253	May 19	29,119	December 31	29,119
1961	53,098	June 17	17,410	November 19	17,524
1962	173,675	June 29	17,448	January 11	82,849
1963	369,890	June 28	82,190	January 28	176,043
1964	203,628	June 7	94,487	December 18	118,303
1965	288,937	July 9	117,117	March 23	171,183
1966	337,369	December 21	81,941	November 27	313,258
1967	538,688	July 20	198,282	December 14	198,937
1968	261,193	June 6	119,349	December 7	124,480
1969	578,118	June 10	124,283	January 12	225,535
1970	327,771	June 14	156,517	November 24	172,038
1971	240,988	June 22	120,161	November 25	122,040
1972	128,754	June 11	50,030	October 16	55,589
1973	369,448	June 29	55,449	January 7	205,948
1974	475,881	June 23	201,710	March 1	223,930
1975	348,695	June 17	169,893	December 17	170,190
1976	171,617	January 26	67,668	December 29	67,701
1977	82,347	June 16	34,904	December 18	43,820
1978	491,451	July 18	44,060	January 1	244,904
1979	442,035	June 11	208,632	December 30	208,768
1980	585,381	July 3	208,224	January 7	229,813
1981	312,458	June 7	166,907	December 27	168,210
1982	560,083	June 29	186,984	January 1	281,558
1983	630,825	July 6	290,010	January 9	311,844
1984	407,745	June 7	244,755	December 15	244,979
1985	388,621	June 13	186,823	November 23	185,516
1986	562,134	June 16	195,579	January 1	244,085
1987	276,266	June 7	142,661	December 1	143,410
1988	158,189	June 8	72,638	December 8	73,545
1989	184,801	June 1	71,111	February 18	85,978
1990	97,420	June 12	45,895	December 18	46,014
1991	175,558	June 19	45,300	February 27	89,654
1992	153,942	June 5	82,080	December 28	82,262
1993	416,982	June 29	82,189	January 1	242,525
1994	262,332	June 6	115,492	December 24	115,585
1995	551,921	July 19	115,492	January 3	246,474
1996	546,849	June 11	244,979	December 4	252,811
1997	491,984	June 6	242,450	December 30	242,525
1998	562,474	July 24	242,005	January 31	244,904
1999	334,267	June 6	189,341	December 31	189,341
2000	293,234	June 8	129,469	December 28	129,519
2001	244,904	June 3	98,787	November 22	105,906
2002	184,173	June 15	82,043	November 8	136,222
2003	312,710	June 19	136,328	January 1	148,505
2004	227,948	May 30	92,782	December 28	94,083
2005	538,557	June 17	94,043	January 6	246,549
2006	423,529	May 22	225,807	December 8	226,732
2007	243,340	May 24	104,818	December 6	107,442
2008	258,392	June 15	107,442	January 1	116,688



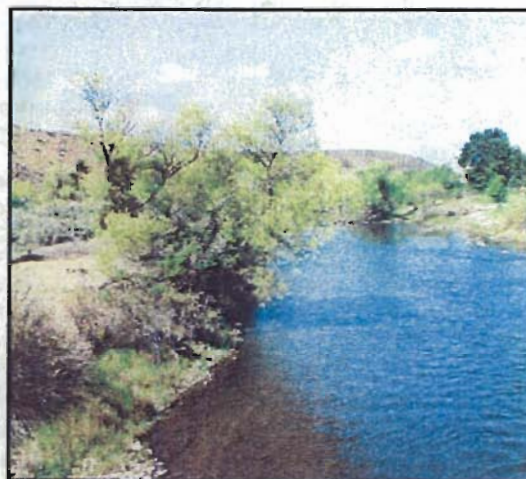
***KERN RIVER
OPERATIONS
2008***

Kern River near Cow Flat Creek

KERN RIVER IN REVIEW 2008

Introduction

The 2008 winter season was a story of two tales; a wet first half marked by blustery storms and heavy Kern River Basin snowfall, followed by a dry second half, featuring near-record dryness occurring throughout March, April and May of 2008. The rainy season began in earnest in early December of 2007, as Pacific storms dumped up to 3" of snow water content in the Kern River watershed. Additional storms during the last half of December 2007 further increased the Kern snowpack, resulting in a basin-wide average snow water content of 75% of normal as of January 1, 2008, equating to 25% of the April 1st average. Characterized as "the year of the big blow and snow", 2008 got off to a bang on January 4th as torrential rains pounded the upper Kern, producing heavy snowfall in the higher elevations, and sending the North Fork Kern River as measured at Kernville soaring to an instantaneous peak flow of 2,918 cubic feet per second as of 6:00 am, January 5, 2008. On the San Joaquin Valley floor, the storm brought strong southerly winds that generated blowing dust but little rainfall. Similar storm types were encountered during the period of January 23-



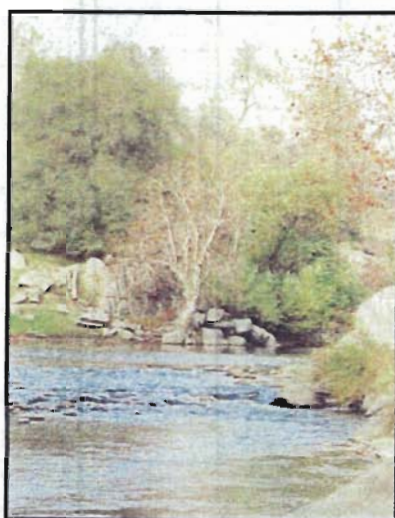
Kern River at First Point of Measurement

24, 2008 and again beginning in early February of 2008. The February 3, 2008 storm left a record 3.58" of precipitation at Isabella Dam headquarters, one of only two February rainfall events at the dam to exceed three inches in a twenty-four hour period since measurements were begun in 1949. By the end of February 2008, the Kern River Basin snowpack, as gaged by the average of its eight automated snow sensors, registered 23.8" of water content, 112% of the April 1st average.

On March 1, 2008, the Kern River April through July runoff forecast issued by the State of California Department of Water Resources called for 108% of normal yield during the 2008 snow melt period. At Isabella Dam, during the month of March 2008, only .02" of rain was collected, followed by an even drier April (0.00") and equally dry month of May (0.02"). For the period of record (1949-2008), only 1997 had less measurable rainfall at the Isabella Lake gage between March 1st and June 1st. As a result of the much drier than normal spring conditions, the 2008 Kern River April-July runoff as measured at First Point near Bakersfield ended with only 331,341 acre-feet of yield, 71% of the long-term average.

Precipitation

Monthly precipitation amounts in inches as recorded at selected Kern County stations during the 2007-2008 Water Year were as follows:



Kern River near Delonegha Hot Springs

	Bakersfield Meadows Field (Elev. 494 ft.)			Isabella Dam (Elev. 2660 ft.)			Glennville (Elev. 3140 ft.)		
	07-08	Ave.	% of Ave.	07-08	Ave.	% of Ave.	07-08	Ave.	% of Ave.
Oct	0.28	0.30	93%	0.06	0.36	17%	0.86	0.75	115%
Nov	0.06	0.59	10%	0.10	1.19	8%	0.29	1.85	16%
Dec	0.36	0.76	47%	1.56	1.87	83%	3.75	2.96	127%
Jan	0.65	1.18	55%	3.94	2.45	161%	4.53	3.32	136%
Feb	0.82	1.21	68%	5.96	2.20	271%	6.84	2.99	229%
Mar	0.00	1.41	0%	0.02	1.61	1%	0.20	3.05	7%
Apr	0.00	0.45	0%	0.00	0.68	0%	0.00	2.06	0%
May	0.08	0.24	33%	0.02	0.25	8%	0.00	0.75	0%
Jun	0.00	0.12	0%	0.00	0.08	0%	0.00	0.18	0%
Jul	0.00	0.00	0%	0.14	0.14	100%	0.02	0.04	50%
Aug	0.00	0.08	0%	0.00	0.17	0%	0.00	0.10	0%
Sep	0.00	0.15	0%	0.08	0.33	24%	0.00	0.37	0%
TOTAL	2.25	6.49	35%	11.88	11.33	105%	16.49	18.42	90%

At Isabella Dam, cumulative rainfall for the period of December 2007 through February 2008 amounted to 11.46", 178% of normal. Isabella Lake area precipitation during March, April and May of 2008 totaled .04", 2% of normal.

Temperature

Isabella, California, 2008 mean air temperatures (°F) with comparative averages were as follows:

	2008 Actual	Normal	Variance from Norm		2008 Actual	Normal	Variance from Norm
Jan	44.1	44.5	-0.4	Jul	83.6	79.8	+3.8
Feb	47.9	47.3	+0.6	Aug	83.3	78.5	+4.8
Mar	53.0	50.8	+2.2	Sep	76.6	72.3	+4.3
Apr	57.9	55.6	+2.3	Oct	64.8	62.1	+2.7
May	65.5	63.8	+1.7	Nov	55.6	51.5	+4.1
Jun	78.9	73.1	+5.8	Dec	44.9	44.7	+0.2

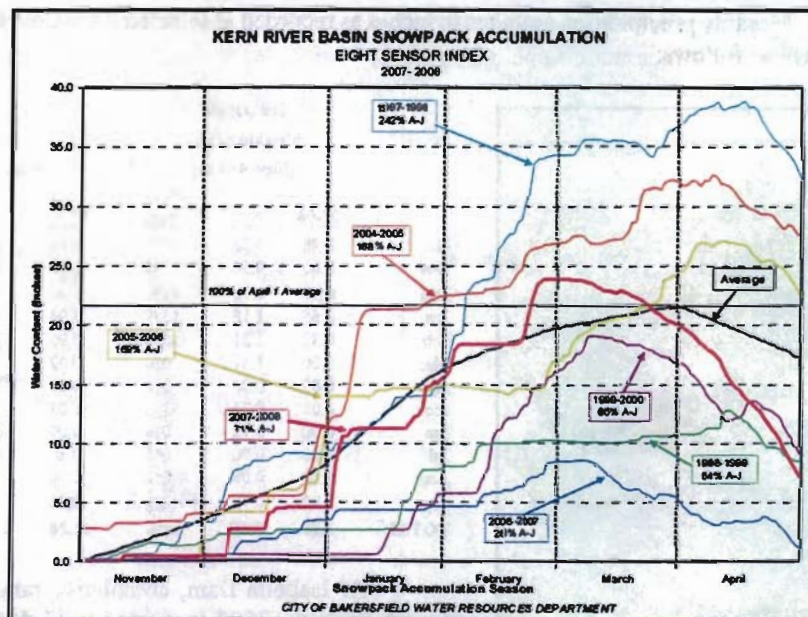
The mean annual temperature as recorded at Isabella Dam for 2008 was 63.0° Fahrenheit, 2.7° above the long-term (1956 to 2008) normal. The 2008 Calendar Year marks the 10th consecutive year above normal temperatures have been registered at lake headquarters. The maximum high temperature for 2008 occurred on July 9th at 108° with a low of 24° occurring on January 29, 2008.

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, 2008, 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, 2008	24.6	16.9	19.4	30.8	39.3	10.4	22.8	4.4
April 1, Average	27.7	19.8	21.8	24.9	30.3	15.6	20.7	11.0

The 2007-08 Kern River Basin winter snowpack accumulation is depicted on the chart below. Typical with the beginning of most water years, snowpack in the Kern River drainage basin was negligible prior to December's first major cold storm event. Over the period of December 6-8, 2007, a Pacific storm system brought the first sustained snowfall of the winter season to the upper Kern River watershed, while depositing 2.06" of precipitation at Glennville Fire Station and leaving .76" at Isabella Dam. A series of cold storms beginning December 18, 2007 added an additional 2" of water content to the snowpack, nudging snowpack accumulation closer to normal January 1st levels. The major snow dump of the winter of 2008 occurred over the period of January 4-6, 2008, effectively doubling the existing Kern River Basin snowpack by adding over five inches of new snow water content. Intense storms during the early and latter part of February 2008 left 5.96" of precipitation at Isabella Dam, the highest rainfall total for the month since February of 1998, and increased the water content of the snowshed above Isabella Lake by approximately 8.2" from first of the month readings. Finally, after seven consecutive days of storm activity in the Kern River Basin between February 19-25, 2008, weather conditions over the southern Sierra Nevada Mountains inexplicably became dry and warm, signaling an abrupt end to the 2007-08 winter storm season.

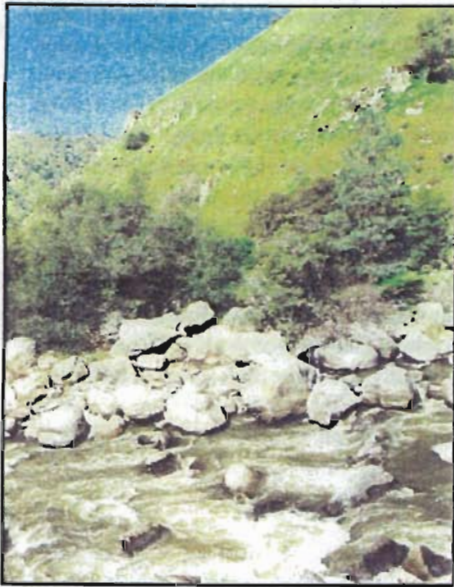


Forecast

The State of California, Department of Water Resources, issued the following forecasts of Kern River runoff into Isabella Reservoir for the 2008 April-July snow melt period:

February 1, 2008:	93% of average (430,000 acre-feet)
March 1, 2008:	108% of average (500,000 acre-feet)
April 1, 2008:	82% of average (380,000 acre-feet)
May 1, 2008:	72% of average (330,000 acre-feet)

Runoff



Kern River Canyon near Lucas Creek

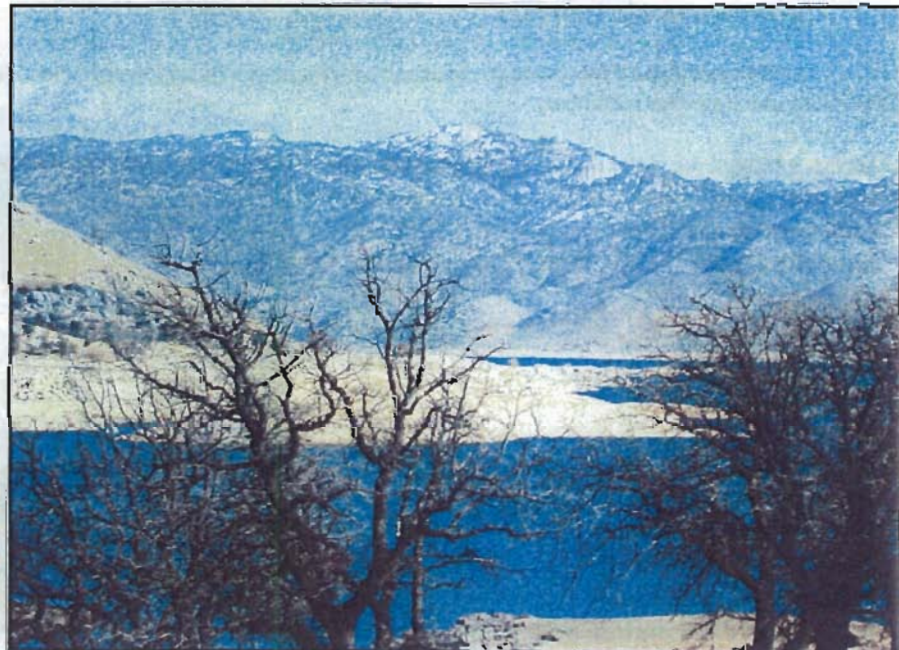
Actual 2008 April-July Kern River inflow to Isabella Lake

was 330,589 acre-feet (72% of average). Peak snow melt inflow to Isabella Reservoir occurred on May 20, 2008 with 3,772 cubic feet per second. Calendar Year runoff at First Point of Measurement near Bakersfield for 2008 totaled 517,997 acre-feet, 71% of the long-term average (726,644 acre-feet) and 96% of the historical median (541,258 acre-feet).

Storage

Isabella Reservoir began the year with 107,442 acre-feet of storage. The low point for Isabella Lake during 2008 fell on January 1st, the seventh time minimum annual storage has occurred on this date in the history of Isabella Reservoir operations. Peak reservoir storage for 2008 was reached on June 15, 2008, with 258,392 acre-feet (2573.34 ft. elevation). The largest daily increase in Isabella Dam storage during 2008 occurred on May 20th, with 5,175 acre-feet of storage gain; demand for stored water peaked on August 5, 2008 with 2,904 acre-feet of withdrawal.

In December of 2008, an agreement was entered into between the North Kern Water Storage District and the Southern California Edison Company to provide for the withholding and storage in Isabella Reservoir of portions of Kern River Powerhouse No.1 power generation entitlement. The program, the first of its kind in over thirty years, helped to offset low Isabella Lake levels by increasing reservoir storage approximately 6,500 acre-feet over the period of December 13-31, 2008. Isabella Reservoir ended the year with 116,888 acre-feet of storage, constituting 21% of lake capacity and 75% of the average December 31st carryover storage figure of 155,651 acre-feet.



Bonita Meadows, Elev. 8,300 ft., Kern River Basin

Operations



Lower Carrier Canal Washout, June 2, 2008

Kern River regulated flow as computed at First Point of Measurement during the 2008 Calendar Year amounted to 472,759 acre-feet, 67% of the 1954-2008 average regulated flow of 703,323 acre-feet. Maximum regulated flow for the year occurred on June 4, 2008, with a mean daily discharge of 1,642 cubic feet per second.

Deliveries of Kern River water to Second Point of Measurement totaled 54,313 acre-feet during 2008. An additional amount of 86,094 acre-feet of well water was produced from various groundwater banking projects situated on the Kern River Fan and transported via the Kern River Canal for distribution below Second Point in 2008. Due to the strength of water demands on the lower Kern River distribution system, the Kern River Channel below Rocky Point Weir was continuously operated for carriage of Kern River water between May 20th and August 17th of 2008.

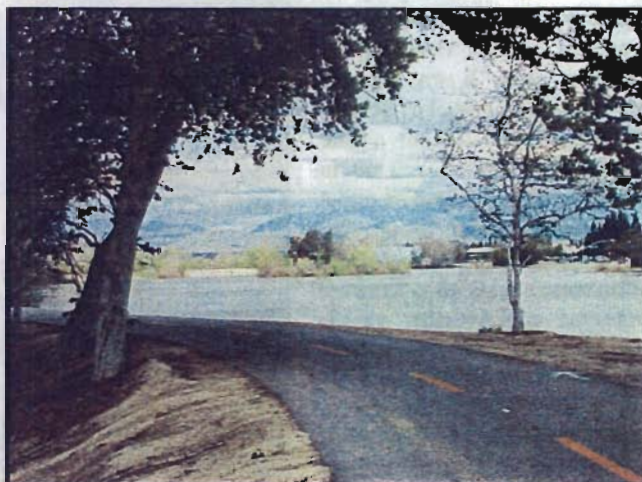
Isabella Dam outflow was sharply reduced for a brief period in mid-July as a result of the Erskine Creek flash flood of July 13, 2008. The flash flood, spawned by intense thunderstorm activity in the recently burned Piute Mountain area just south-east of Isabella Lake, sent a wall of mud, ash and debris down Erskine Creek which then entered the Kern River below the Isabella Reservoir, resulting in temporary adverse impacts to Kern River water quality due to the high levels of turbidity.

Total water yield of the Kern River drainage basin and its surface storage reservoir in acre-feet during 2008 is summarized as follows:

+	Kern River Computed Natural Flow	517,997
-	Isabella Reservoir Storage	9,447
-	Isabella Reservoir Evaporation	35,891
-	Kern River Diversion Above First Point	16,885
+	Rio Bravo Well Discharge	100
=	Kern River Flow at First Point	455,874

Delivery of *Kern River* water to canal and conveyance facilities located below First Point of Measurement for the 2008 Calendar Year was as follows:

<u>Delivery Point</u>	<u>Flow in Acre-Feet</u>
Beardsley Canal	141,696
Calloway Canal	27,709
Kern Island Canal	147,668
Eastside Canal	15,393
Stine Canal	15,166
Arvin-Edison Turnout	7,134
Buena Vista Canal	20,993
Rosedale Channel	0
Truxtun Lakes	1,002
The Park at River Walk	633
Berrenda Mesa Pipeline	0
Pioneer Property	0
2800 Acre Recharge Facility	0
Second Point of Measurement	54,313
Seepage Loss (River & Carrier)	24,167



Truxtun Lake Recharge Area

Year: 2008

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	206	277	921	1,068	1,882	1,419	820	318	181	173	309	250
2	220	348	902	1,057	1,753	1,524	810	310	184	172	310	238
3	229	1,084	869	1,020	1,762	1,634	827	300	184	170	412	239
4	361	644	833	1,062	1,762	1,697	828	281	197	170	300	250
5	1,758	443	804	1,060	1,685	1,692	797	268	199	166	293	246
6	922	439	773	1,149	1,632	1,708	739	272	198	170	274	257
7	501	452	750	1,157	1,641	1,761	718	267	178	162	264	240
8	374	468	768	1,199	1,694	1,829	730	279	173	166	262	249
9	364	490	788	1,139	1,743	1,784	687	274	167	165	270	233
10	359	498	804	1,132	1,778	1,750	660	268	163	170	266	232
11	336	493	854	1,147	1,860	1,998	640	272	166	170	265	215
12	327	480	925	1,260	1,939	1,755	696	277	166	173	260	209
13	287	497	995	1,362	1,945	1,729	714	289	168	174	280	206
14	282	497	999	1,538	1,983	1,686	843	276	166	183	293	369
15	275	496	976	1,630	2,154	1,653	747	270	173	187	307	264
16	292	464	884	1,652	2,471	1,583	721	274	169	191	304	252
17	302	460	811	1,579	2,814	1,528	694	259	163	187	293	240
18	294	475	750	1,479	3,017	1,459	782	257	158	182	281	232
19	271	526	760	1,430	3,386	1,418	649	245	158	180	261	240
20	265	585	779	1,425	3,779	1,395	601	251	153	185	246	233
21	266	637	823	1,371	3,008	1,370	530	242	151	189	235	224
22	280	846	847	1,313	2,625	1,391	499	235	159	187	237	390
23	279	958	885	1,256	2,161	1,340	475	239	173	183	240	319
24	295	1,115	947	1,290	1,771	1,285	469	222	173	185	248	294
25	314	1,226	987	1,340	1,634	1,217	418	216	174	186	250	437
26	304	939	1,010	1,403	1,569	1,170	379	200	161	191	447	349
27	306	884	1,327	1,555	1,467	1,144	350	202	160	185	285	328
28	276	893	1,181	1,759	1,387	1,101	350	202	158	184	281	314
29	285	916	1,232	1,905	1,311	971	351	199	163	178	278	327
30	275	-	1,284	2,096	1,272	919	349	195	179	179	265	340
31	279	-	1,132	-	1,217	-	333	185	-	214	-	323
TOTAL	11,384	18,530	28,600	40,833	62,102	44,910	19,206	7,844	5,115	5,557	8,537	8,539
MAXIMUM DAY	1,758	1,226	1,327	2,096	3,779	1,998	843	318	199	214	447	437
MINIMUM DAY	206	277	750	1,020	1,217	919	333	185	151	162	235	206
MEAN	367	639	923	1,361	2,003	1,497	620	253	171	179	285	275
TOTAL AC. FT.	22,580	36,754	56,727	80,991	123,177	89,078	38,095	15,558	10,145	11,022	16,933	16,937
WHOLE YEAR:-	TOTAL	261,157	MAX.,	3,779	MIN.,	151	MEAN,	714	TOTAL AC.FT.,	517,997		

Year: 2008

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

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	189	271	757	853	1,691	1,315	900	323	165	178	277	222
2	190	265	766	845	1,601	1,472	858	307	165	171	419	222
3	190	401	707	828	1,648	1,629	836	288	164	167	442	236
4	248	356	671	866	1,646	1,816	813	272	161	162	330	257
5	1,663	335	678	897	1,598	1,641	772	270	161	171	299	289
6	688	356	658	924	1,471	1,559	716	269	165	182	255	210
7	460	368	638	948	1,541	1,817	706	285	167	169	243	267
8	395	375	642	929	1,617	1,791	695	261	164	167	243	259
9	386	388	671	877	1,645	1,738	691	248	164	163	293	189
10	362	392	686	833	1,692	1,851	649	226	165	163	290	186
11	343	395	714	864	1,810	1,903	624	211	169	165	273	188
12	321	402	816	955	1,988	1,694	621	198	172	171	266	189
13	295	432	890	1,080	1,888	1,649	683	205	169	178	267	193
14	271	461	929	1,234	1,768	1,671	698	196	166	175	271	185
15	260	409	843	1,338	1,991	1,655	749	196	159	169	275	188
16	253	382	762	1,231	2,504	1,587	725	199	156	165	275	188
17	233	373	684	1,190	2,904	1,574	736	195	157	162	276	212
18	221	400	645	1,238	3,213	1,525	720	189	160	160	203	255
19	218	413	659	1,225	3,547	1,425	625	186	163	159	231	220
20	210	440	691	1,188	3,693	1,374	559	184	166	160	228	238
21	214	431	708	1,096	3,384	1,343	540	181	162	162	236	254
22	197	704	731	1,097	2,570	1,389	486	177	165	161	228	355
23	200	640	769	1,147	2,101	1,401	459	179	164	159	218	316
24	218	897	817	1,123	1,816	1,292	421	164	161	159	224	276
25	221	818	874	1,103	1,591	1,223	394	168	160	159	265	342
26	209	722	953	1,183	1,481	1,176	374	164	159	158	288	318
27	212	690	1,002	1,377	1,430	1,123	367	160	157	157	302	257
28	307	695	976	1,681	1,302	1,033	367	156	151	155	239	294
29	220	717	999	1,901	1,219	962	364	162	151	162	234	331
30	272	-	991	1,954	1,171	929	347	168	156	157	231	335
31	262	-	906	-	1,197	-	336	167	-	161	-	318
TOTAL	9,928	13,928	24,233	34,005	60,718	44,557	18,831	6,554	4,868	5,107	8,121	7,789
MAXIMUM DAY	1,663	897	1,002	1,954	3,693	1,903	900	323	172	182	442	355
MINIMUM DAY	189	265	638	828	1,171	929	336	156	151	155	203	185
MEAN	320	480	782	1,134	1,959	1,485	607	211	162	165	271	251
TOTAL AC. FT.	19,692	27,626	48,065	67,448	120,432	88,377	37,351	13,000	9,656	10,130	16,108	15,449
WHOLE YEAR:-	TOTAL,	238,639	MAX.,	3,693	MIN.,	151	MEAN,	652	TOTAL AC.FT.,	473,334		

Year: 2008

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	173	309	410	615	860	1,196	1,590	1,458	636	316	236	255
2	155	291	426	663	735	1,450	1,613	1,314	660	298	262	260
3	152	518	553	660	688	1,588	1,504	1,306	648	303	341	250
4	157	425	596	585	722	1,642	1,391	1,606	639	276	350	247
5	178	310	624	524	916	1,500	1,272	1,617	599	298	313	276
6	142	345	658	590	909	1,294	1,284	1,516	515	293	261	275
7	142	393	682	670	934	1,210	1,397	1,570	516	295	228	262
8	135	396	570	777	904	1,288	1,450	1,615	585	322	213	230
9	144	314	491	864	778	1,504	1,513	1,480	572	353	221	219
10	148	331	509	892	700	1,589	1,601	1,416	534	336	260	221
11	167	368	525	819	823	1,473	1,595	1,507	474	291	277	225
12	174	346	490	639	1,011	1,435	1,415	1,498	454	260	257	198
13	206	385	477	558	1,027	1,279	1,439	1,378	455	268	250	114
14	219	387	471	589	1,021	1,209	1,474	1,271	537	293	252	109
15	270	374	479	537	995	1,356	1,205	1,043	579	240	248	120
16	275	360	475	536	942	1,588	1,139	917	588	249	257	118
17	278	369	486	577	802	1,623	1,096	929	546	283	287	109
18	289	380	512	642	944	1,622	961	1,110	533	301	287	106
19	296	377	489	679	1,086	1,595	950	1,141	472	324	284	104
20	305	371	480	709	1,076	1,524	969	952	413	337	284	104
21	327	323	463	638	991	1,178	1,185	792	404	342	284	101
22	307	264	442	582	1,009	1,180	1,219	681	435	330	252	100
23	286	242	485	676	995	1,382	1,225	607	399	327	246	104
24	295	253	596	690	871	1,385	1,099	639	369	328	230	100
25	288	272	705	647	1,009	1,382	1,029	738	353	335	254	108
26	217	313	745	623	1,130	1,368	1,051	735	319	338	273	112
27	190	327	782	661	1,104	1,303	1,124	766	318	357	300	110
28	205	340	750	707	1,106	1,254	1,246	704	324	338	283	106
29	249	376	699	783	1,215	1,296	1,350	813	343	317	283	104
30	306	-	652	823	1,245	1,513	1,468	853	325	283	261	97
31	310	-	604	-	1,161	-	1,509	756	-	241	-	126
TOTAL	6,985	10,059	17,326	19,955	29,709	42,206	40,363	34,728	14,544	9,472	8,034	4,970
MAXIMUM INSTANT.	374	785	860	926	1,301	1,691	2,128	1,736	840	384	360	301
MINIMUM INSTANT.	124	222	276	411	542	985	661	548	266	214	160	82
MEAN	225	347	559	665	958	1,407	1,302	1,120	485	306	268	160
TOTAL AC. FT.	13,854	19,952	34,365	39,580	58,926	83,715	80,059	68,881	28,848	18,787	15,935	9,857
WHOLE YEAR:-	TOTAL,	238,351	MAX.,	2,128	MIN.,	124	MEAN,	651	TOTAL AC.FT.,	472,759		

Year: 2008

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	0	418	348	478	11	11	12	0
2	0	0	0	0	0	427	354	470	12	12	12	0
3	0	0	0	0	0	421	349	471	12	12	11	0
4	0	0	0	0	0	439	326	507	11	12	11	0
5	0	0	0	0	0	398	327	481	12	12	12	0
6	0	0	0	0	0	362	284	522	11	11	12	0
7	0	0	0	0	0	390	282	593	11	11	12	0
8	0	0	0	0	0	393	296	599	11	11	12	0
9	0	0	0	0	0	384	297	567	11	12	12	0
10	0	0	0	0	0	370	318	560	12	11	12	0
11	0	0	0	0	0	315	293	564	11	11	12	0
12	0	0	0	0	0	299	289	548	12	12	12	8
13	0	0	0	0	0	246	371	496	11	12	12	12
14	0	0	0	0	0	233	339	431	11	11	12	12
15	0	0	0	0	0	239	99	331	11	12	12	13
16	0	0	0	0	0	274	73	299	11	11	12	13
17	0	0	0	0	0	300	138	236	11	11	12	13
18	0	0	0	0	0	287	147	218	12	12	11	12
19	0	0	0	0	0	289	143	202	12	11	11	13
20	0	0	0	0	0	332	97	115	11	11	11	12
21	0	0	0	0	0	267	111	35	11	12	11	12
22	0	0	0	0	0	253	108	27	11	11	11	12
23	0	0	0	0	0	245	148	11	12	11	11	12
24	0	0	0	0	43	257	167	12	11	12	11	12
25	0	0	0	0	163	269	200	11	12	11	11	12
26	0	0	0	0	205	253	252	12	11	11	11	12
27	0	0	0	0	193	244	302	11	11	12	11	11
28	0	0	0	0	209	284	335	12	12	11	11	12
29	0	0	0	0	304	252	365	11	12	11	11	12
30	0	0	0	0	343	300	422	12	12	11	12	12
31	0	0	0	0	405	462	462	11	12	12	11	11
TOTAL	0	0	0	0	1,865	9,440	8,042	8,951	342	354	337	238
MAXIMUM DAY	0	0	0	0	405	439	462	599	12	12	12	13
MINIMUM DAY	0	0	0	0	0	233	73	11	11	11	3	0
MEAN	0	0	0	0	60	315	259	286	11	11	11	8
TOTAL AC. FT.	0	0	0	0	3,699	18,725	15,950	17,554	679	702	669	473
WHOLE YEAR:-	TOTAL,	29,469	MAX.,	599	MIN.,	0	MEAN,	81	TOTAL AC.FT.,	58,451		

Year: 2008

Kern River Channel at Second Point of Measurement (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	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	MAX.,	0	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	0	0	0

Year: 2008

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	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	15	0
18	0	0	0	0	0	0	0	0	0	0	20	0
19	0	0	0	0	0	0	0	0	0	0	11	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	1	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	47	0
MAXIMUM DAY	0	0	0	0	0	0	0	0	0	0	20	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	2	0
TOTAL AC. FT.	0	0	0	0	0	0	0	0	0	0	93	0
WHOLE YEAR:-	TOTAL,	47	MAX.,	20	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	93		

Quantities in acre-feet

Year: 2008

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

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Buena Vista W.S.D. Entitlement	163	0	12,177	20,097	34,493	22,656	6,252	18	0	0	0	0	95,866
Hacienda W.D. Entitlement	0	0	0	0	0	0	0	0	0	0	0	0	0
K.C.L. Entitlement @ 2nd Point	8	0	391	966	1,646	1,085	301	0	0	0	0	0	4,397
Kern Island (1-st)	16,933	17,189	18,184	17,851	18,446	17,851	18,446	14,862	9,490	10,346	15,768	15,495	190,861
Eastside													
Kern River Conduit			20,662	19,039	22,316	19,313	11,635	2					92,967
Castro	81	276	36	109	127	115	12				28	69	853
KCC & W Co.	222	785	79	298	395	321	16				71	187	2,374
South Fork	153	551	64	214	274	226	14				52	109	1,657
Buena Vista (1-st)	686	4,128	461	1,617	2,108	1,775	119				292	363	11,539
James (1-st)	625	4,687	690	2,428	3,164	2,668	185				67	48	14,562
Anderson (1-st)	77	470	115	407	522	436	28						2,055
Stine	570	3,048	869	3,035	3,957	3,328	230						15,037
Meacham	113	524	177	613	791	669	48						2,935
Farmers	570	2,562	851	3,035	3,957	3,328	133						14,436
Plunket	151	490	202	809	1,057	891							3,600
Joyce	77	347	196	809	1,057	877							3,363
Johnson	73	234	169	809	1,057	865							3,207
Pioneer (1-st)	240	645	406	2,445	3,425	2,765							9,926
Beardsley (1-st)	111	117	145	932	1,583	1,210							4,098
Lerdo (NKWSD)													
Anderson (2-nd)	18	20	18	149	262	194							661
James & Dixon	73	48	71	573	1,039	776							2,580
Wilson	12		8	77	139	95							331
KCC & W Co.	6		4	67	117	93							287
McCaffrey	48		34	349	668	498							1,597
McCord: Lerdo 30%	56		12	349	740	545							1,702
Beardsley 70%	129		30	813	1,272	1,272							3,970
Calloway: Central 20%	142			490	2,574	915							4,121
NKWSD 80%	567			1,956	10,297	3,657							16,477
Railroad: KCC & W Co. 20%					270								270
NKWSD 80%					1,081								1,081
Buena Vista (2-nd)					563								563
James (2-nd)					978								978
Pioneer (2-nd)					781								781
Beardsley (3-rd)					774								774
Kern Island (2-nd)					117								117
Computed Loss	676	633	676	655	676	655	676	655	676	655	676	655	7,985
Total 1st Point Group Entitlement	22,417	36,754	44,550	60,894	88,884	56,423	31,843	15,540	10,145	11,022	16,933	16,937	422,142

**2008 Summary of Kern River Water
Diversions by Entity**

(Acre-Feet)

Area of Use Diverted

Above First Point

California Water Service Co. (Kernville System)	331
California Water Service Co. (Bakersfield Treatment Plant)	13,758
Kern Valley Golf Course	219
La Hacienda, Inc.	520
Lake Ming	790
Olcese WD	825
City of Bakersfield	442
 Sub-total	 16,885

Below First Point

Arvin-Edison WSD	14,818
Buena Vista WSD	54,313
Cawelo WD	39,202
City of Bakersfield, Irrigation and Spreading	34,072
Improvement District #4	27,709
Kern County Water Agency	0
Kern Water Bank Authority	0
Kern Delta WD	191,536
North Kern WSD	94,224
Rosedale Ranch Improvement District	0
Rosedale-Rio Bravo WSD	0
Kern-Tulare WD	0
Rag Gulch WD	0
South Fork	0
 Sub-total	 455,874
 Grand Total	 472,759

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

Year: 2008

End of Month Unit Storage

Quantities in acre-feet

STORAGE UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern Island	647	9,725	15,000	14,663	12,970	7,248	4,989	2,146	1,709	1,563	625	521	71,806
Buena Vista	1,472	5,566	6,152	8,176	9,075	7,262	2,246	168	163	341	84	273	40,978
Stine	1,500	4,524	5,328	8,118	7,959	5,958	1,307	61	60	58	78	88	35,039
Farmers	1,500	4,040	4,097	5,278	6,000	5,562	2,926	359	16	16	30	48	29,872
KERN DELTA WD TOTAL	5,119	23,855	30,577	36,235	36,004	26,030	11,468	2,734	1,948	1,978	817	930	177,695
City of Bakersfield	9,777	9,907	25,632	38,167	51,107	49,951	40,841	14,672	12,174	10,946	13,101	13,036	289,311
Kern River Canal & Irr. Co.	8,883	8,483	7,831	8,081	9,937	10,545	9,299	8,001	7,019	6,067	5,280	5,008	94,434
South Fork	600	1,151	1,260	1,747	2,221	2,574	2,588	2,588	2,588	2,990	600	600	21,507
Improvement District No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF BAKERSFIELD TOTAL	19,260	19,541	34,723	47,995	63,265	63,070	52,728	25,261	21,781	20,003	18,981	18,644	405,252
NORTH KERN WSD	40,575	38,809	28,078	29,349	46,693	54,843	46,479	46,175	33,592	27,539	30,043	36,698	458,873
TOTAL 1ST POINT STORAGE	64,954	82,205	93,378	113,579	145,962	143,943	110,675	74,170	57,321	49,520	49,841	56,272	1,041,820

KERN DELTA WATER DISTRICT



Kern Island Central Canal
at Di Giorgio Road

KERN DELTA WATER DISTRICT
Monthly Summary of Kern River Entitlements, Diversions, Deliveries and Storage ... All Canals

Year: 2008

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	+	1,140	26,927	20,365	25,538	26,282	18,928	14,862	9,490	0	0	0	172,680
Kern River Preserved Entitlement	+	8,840						0	0	6,989	3,435	2,113	21,377
Release	+ or -	1,843	(98)	(126)	(850)	(420)	0	0	0	1,588	272	158	1,527
Entitlement + or - Releases	=	11,823	26,829	20,239	24,888	26,862	18,928	14,862	9,490	9,577	3,707	2,271	196,584
Into Isabella Storage	-	5,326	18,862	7,226	6,713	2,558	957	359	368	1,735	633	221	45,547
From Isabella Storage	+	1,876	0	123	462	2,130	14,917	6,859	1,065	1,617	1,754	96	42,644
From City of Bakersfield	+	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
To City of Bakersfield	-	0	0	0	0	0	0	0	0	0	0	0	0
Storage Transfer/Exch.	+ or -	0	0	0	0	0	0	0	0	0	0	0	0
River and Carrier Canal Loss	-	228	0	0	0	0	0	0	0	575	176	38	1,017
To North Kern WSD	-	160	0	0	0	0	0	0	0	0	0	0	160
Via Cawelo Water District	-	0	0	0	0	0	0	0	0	0	0	0	0
For Improvement District No.4	-	0	613	676	774	893	416	922	1,101	1,895	949	0	9,161
Other	+ or -	0	0	0	0	0	0	0	0	0	0	0	0
Diverted at Heads of Canals	=	7,785	7,354	12,460	17,663	34,125	32,472	22,440	9,086	5,989	3,703	2,108	182,343
From North Kern WSD	+	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
From Improvement District No.4	+	0	0	0	0	0	0	0	0	0	0	0	0
Total Utility Supply	=	7,785	7,354	12,460	17,663	34,125	32,472	22,440	9,086	5,989	3,703	2,108	182,343
Utility Deliveries		4,805	5,506	8,861	12,100	19,069	24,523	18,287	6,711	5,050	2,696	1,955	135,061
Contract Deliveries		46	283	342	609	456	780	192	0	110	0	0	3,663
Total Irrigation Deliveries	-	4,851	5,789	9,203	12,709	19,525	25,303	18,479	6,711	5,160	2,896	1,955	138,724
Canal Conveyance Losses	=	2,934	1,565	3,257	4,954	7,633	7,169	3,961	2,375	829	1,007	153	43,619
Delivery Percentage		62%	79%	74%	72%	77%	78%	82%	74%	86%	73%	93%	76%
Reservoir Evaporation Loss		54	126	381	593	659	601	134	89	88	40	12	3,595
End of Month Reservoir Storage		5,119	23,855	30,577	36,235	26,030	11,488	2,734	1,948	1,978	817	930	

Year: 2008

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	73	155	140	265	341	271	301	361	258	121	45	100
2	80	167	124	290	333	357	285	288	242	107	31	149
3	81	181	165	301	333	380	219	275	200	91	33	149
4	75	195	183	269	301	431	224	406	226	78	41	154
5	80	190	206	200	326	432	218	439	209	86	53	183
6	78	225	232	211	297	375	247	435	180	91	53	183
7	80	218	276	245	300	327	291	450	150	84	54	145
8	84	186	272	278	315	327	302	470	159	80	60	0
9	90	162	264	316	305	401	310	441	208	92	58	0
10	89	169	272	306	274	420	358	388	245	67	35	0
11	105	181	262	327	304	427	440	437	220	68	35	0
12	106	145	185	294	377	461	426	424	181	65	34	0
13	127	160	174	279	376	460	404	403	125	69	22	0
14	147	160	162	327	370	450	397	403	136	70	22	0
15	149	159	171	324	324	437	414	358	145	55	27	0
16	162	145	178	310	353	470	402	297	174	59	28	0
17	164	147	184	322	342	470	343	256	207	61	32	0
18	180	147	174	299	312	466	264	263	243	60	48	0
19	174	113	175	256	314	463	277	283	216	75	71	0
20	163	88	175	253	322	419	290	331	145	89	73	0
21	139	82	157	246	290	294	378	407	133	93	84	0
22	147	57	149	267	311	231	346	380	165	89	85	0
23	151	41	153	298	337	248	323	329	181	92	84	0
24	155	46	192	349	318	262	254	287	173	94	95	0
25	171	62	233	351	290	277	297	346	167	93	89	0
26	139	103	253	326	272	250	289	319	134	95	36	0
27	95	106	303	282	230	248	227	315	127	121	75	0
28	97	113	297	276	225	250	235	290	118	103	111	0
29	124	120	267	283	233	251	246	289	123	91	106	0
30	170	-	252	305	259	289	326	208	116	38	104	0
31	177	-	245	-	257	-	350	191	-	38	-	0
TOTAL	3,852	4,023	6,475	8,655	9,541	10,844	9,983	10,769	5,306	2,515	1,724	1,063
MAXIMUM DAY	180	225	303	351	377	470	440	470	258	121	111	183
MINIMUM DAY	73	41	124	200	225	231	218	191	116	38	22	0
MEAN	124	139	209	289	308	361	312	347	177	81	57	34
TOTAL AC. FT.	7,640	7,979	12,943	17,167	18,924	21,509	19,206	21,360	10,524	4,988	3,420	2,108
WHOLE YEAR:-	TOTAL,	74,450	MAX.,	470	MIN.,	0	MEAN,	203	TOTAL AC.FT.,	147,668		

Kern Delta Water District Diverted to Improvement District No. 4
(Kern Island Canal Instantaneous Exchange)

Year: 2008

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	11	11	11	17	12	15	16	15	33	7	0
2	0	11	11	11	15	9	15	14	16	31	8	0
3	0	11	11	11	16	15	16	16	15	31	17	0
4	0	11	11	11	17	15	14	15	15	33	17	0
5	0	11	11	11	15	16	16	15	15	31	17	0
6	0	11	11	11	16	16	15	15	15	34	17	0
7	0	11	11	11	17	16	14	14	15	25	17	0
8	0	11	11	11	15	15	15	15	15	27	18	0
9	0	11	11	11	15	16	15	16	15	32	16	0
10	0	11	11	11	15	15	15	16	15	30	17	0
11	0	11	11	11	8	16	15	15	15	32	17	0
12	0	11	11	11	16	15	15	15	16	32	17	0
13	0	11	11	11	15	16	15	16	16	26	17	0
14	0	11	11	11	16	16	15	13	14	32	9	0
15	0	11	11	11	16	15	0	15	15	31	18	0
16	0	11	11	15	12	16	0	15	14	23	18	0
17	0	11	11	16	11	16	0	15	15	20	16	0
18	0	11	11	12	12	16	0	16	15	11	17	0
19	0	11	11	14	15	15	0	16	16	11	17	0
20	0	11	11	16	15	15	0	14	14	37	17	0
21	0	11	11	16	16	15	0	15	15	35	17	0
22	0	11	11	16	15	14	0	14	14	37	17	0
23	0	6	11	15	16	15	0	14	16	36	17	0
24	0	6	11	14	16	15	0	16	30	37	17	0
25	0	11	11	16	16	15	0	15	31	35	17	0
26	0	11	11	15	15	14	0	15	30	36	17	0
27	0	11	11	16	17	16	0	15	29	36	14	0
28	0	11	11	14	14	14	0	16	30	34	17	0
29	0	11	11	15	16	16	0	14	29	36	17	0
30	0	-	11	15	15	15	0	15	30	37	15	0
31	0	-	11	-	15	-	0	14	-	34	-	0
TOTAL	0	309	341	390	465	450	210	465	555	955	479	0
MAXIMUM DAY	0	11	11	16	17	16	16	16	31	37	18	0
MINIMUM DAY	0	6	11	11	8	9	0	13	14	11	7	0
MEAN	0	11	11	13	15	15	7	15	19	31	16	0
TOTAL AC. FT.	0	613	676	774	922	893	416	922	1,101	1,895	949	0
WHOLE YEAR:-	TOTAL,	4,619	MAX.,	37	MIN.,	0	MEAN,	13	TOTAL AC.FT.,	9,161		

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

Year: 2008

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern Island (1st) Gross Ent'l	+	17,189	18,184	17,851	18,446	17,851	18,446	14,862	9,490	6,989	3,375	2,050	132,319
Kern Island (1st) Preserved Ent'l	+	8,493											20,907
Kern Island (1st) Release	-	0	98	330	1,951	0	0	0	0	0	0	0	2,379
Kern Island (2nd) Gross Ent'l	+	0	0	0	117	0	0	0	0	0	0	0	117
Kern Island (2nd) Release	-	0	0	0	0	0	0	0	0	0	0	0	0
Entitlement + or - Releases	=	8,493	17,091	17,854	15,900	17,851	18,446	14,862	9,490	6,989	3,375	2,050	150,984
Into Storage	-	2,517	9,124	5,454	251	331	957	359	368	857	589	0	21,037
From Storage	+	1,850	0	0	327	5,799	3,027	3,072	726	927	1,491	96	18,984
From North Kern WSD	+	0	0	0	0	0	0	0	0	0	0	0	0
From City of Bakersfield	+	0	0	0	0	0	0	0	0	0	0	0	0
River and Carrier Canal Loss	-	26	0	0	0	0	0	0	0	70	0	38	134
Other	+/-	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
Eastside Canal Entitlement	-	0	0	914	1,972	2,350	2,568	912	0	0	0	0	11,356
To City of Bakersfield	-	0	0	0	0	0	0	0	0	0	0	0	0
To North Kern WSD	-	160	0	0	0	0	0	0	0	0	0	0	160
For Improvement District No.4	-	0	613	676	774	893	416	922	1,101	1,895	949	0	9,161
Diverted at Head of Canal	=	7,640	7,354	10,810	13,230	20,076	17,532	15,741	8,747	5,094	3,328	2,108	128,100
From Cawelo Water District	+	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
From Improvement District No.4	+	0	0	0	0	0	0	0	0	0	0	0	0
Total Utility Supply	=	7,640	7,354	10,810	13,230	20,076	17,532	15,741	8,747	5,094	3,328	2,108	128,100
Utility Deliveries		4,790	5,506	7,829	9,336	15,275	12,711	12,443	6,372	4,637	2,473	1,955	95,664
Contract Deliveries		46	283	342	516	791	780	192	0	110	0	0	3,455
Total Irrigation Deliveries	=	4,836	5,789	8,171	9,852	16,066	13,491	12,635	6,372	4,747	2,473	1,955	99,119
Canal Conveyance Losses	-	2,804	1,565	2,639	3,378	4,010	4,041	3,106	2,375	347	855	153	28,981
Delivery Percentage	=	63%	79%	76%	74%	80%	77%	80%	73%	93%	74%	93%	77%
Into Reservoir Storage	2,517	9,124	5,454	251	230	331	957	359	368	857	589	0	21,037
Reservoir Evaporation Loss		20	46	179	261	254	189	130	79	76	36	8	1,532
From Reservoir Storage		1,850	0	0	327	1,669	3,027	3,072	726	927	1,491	96	18,984
End of Month Reservoir Storage	647	9,725	15,000	14,663	12,970	7,248	4,989	2,146	1,709	1,563	625	521	
State Exchange Diverted	0	597	1,297	488	611	369	720	39	157	77	32	0	4,387
State Exchange Delivered	0	597	1,297	488	611	369	720	39	157	77	32	0	4,387
Kern Delta Well Water Delivered	0	0	0	0	0	0	0	0	0	0	685	0	685
Lower River Water Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
Lower River Water Delivered	0	0	0	0	0	0	0	0	0	0	0	0	0
Rio Bravo Well Water Transported	0	0	0	0	0	0	0	0	83	17	0	0	100

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

BALFOUR - GUTHRIE CONTRACT

Year: 2008

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	8,493	17,256	18,424	17,851	18,446	17,851	18,446	18,446	17,851	6,989	3,375	2,050	165,478
Actual	8,493	17,189	18,184	17,851	18,446	17,851	18,446	14,862	9,490	6,989	3,375	2,050	153,226
Maximum Percentage	100.00%	99.61%	98.70%	100.00%	100.00%	100.00%	100.00%	80.57%	53.16%	100.00%	100.00%	100.00%	100.00%
CONTRACT ENTITLEMENT:													
Maximum	113	222	246	238	246	238	246	246	238	93	45	27	2,198
Actual	113	221	243	238	246	238	246	198	127	93	45	27	2,035
Sum to Date	113	334	577	815	1,061	1,299	1,545	1,743	1,870	1,963	2,008	2,035	
CONTRACT DIVERTED:													
For Month	29	182	73	347	174	407	235	0	0	0	0	0	1,447
To Date	29	211	284	631	805	1,212	1,447	1,447	1,447	1,447	1,447	1,447	
UNUSED ENTITLEMENT:													
For Month	84	39	170	(109)	72	(169)	11	198	127	93	45	27	588
Sum to Date	84	123	293	184	256	87	98	296	423	516	561	588	

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

BLOOMFIELD CONTRACT

Year: 2008

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

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
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KERN ISLAND CANAL ENTITLEMENT:

Maximum	8,493	17,256	18,424	17,851	18,446	17,851	18,446	18,446	17,851	6,989	3,375	2,050	165,478
Actual	8,493	17,189	18,184	17,851	18,446	17,851	18,446	14,862	9,490	6,989	3,375	2,050	153,226
Maximum Percentage	100.00%	99.61%	98.70%	100.00%	100.00%	100.00%	100.00%	80.57%	53.16%	100.00%	100.00%	100.00%	100.00%

CONTRACT ENTITLEMENT:

Maximum	142	278	307	298	307	298	307	307	298	116	56	34	2,748
Actual	142	277	303	298	307	298	307	247	158	116	56	34	2,543
Sum to Date	142	419	722	1,020	1,327	1,625	1,932	2,179	2,337	2,453	2,509	2,543	

CONTRACT DIVERTED:

For Month	17	101	269	169	221	384	545	192	0	110	0	0	2,008
To Date	17	118	387	556	777	1,161	1,706	1,898	1,898	2,008	2,008	2,008	

UNUSED ENTITLEMENT:

For Month	125	176	34	129	86	(86)	(238)	55	158	6	56	34	535
Sum to Date	125	301	335	464	550	464	226	281	439	445	501	535	

Year: 2008

Total Flow via the Eastside Canal Headgate

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	15	35	47	39	46	30	33	0	0	0
2	0	0	14	37	43	39	45	27	34	0	0	0
3	0	0	18	40	42	40	40	27	33	0	0	0
4	0	0	23	34	44	43	34	29	33	0	0	0
5	0	0	24	27	47	37	34	30	30	0	0	0
6	0	0	26	26	47	31	33	29	25	0	0	0
7	0	3	22	30	50	27	34	25	27	0	0	0
8	0	17	18	34	53	26	42	29	26	0	0	0
9	0	11	22	37	51	32	46	30	24	0	0	0
10	0	10	25	41	40	37	53	33	20	0	0	0
11	0	10	24	44	42	42	55	36	20	0	0	0
12	0	11	33	42	39	45	54	37	19	0	0	0
13	0	13	36	33	44	45	45	42	19	0	0	0
14	0	10	37	41	44	46	47	40	18	0	0	0
15	0	6	41	47	52	50	47	25	24	0	0	0
16	0	6	40	40	57	50	46	20	32	0	0	0
17	0	12	39	36	55	51	44	29	34	0	0	0
18	0	14	31	28	51	51	41	32	31	0	0	0
19	0	12	30	23	51	50	35	31	31	0	0	0
20	0	12	31	23	49	46	43	36	22	0	0	0
21	0	8	21	27	54	44	43	40	0	0	0	0
22	0	11	14	27	55	43	43	38	0	0	0	0
23	0	3	22	41	47	41	45	32	0	0	0	0
24	0	9	34	41	40	40	47	34	0	0	0	0
25	0	13	39	35	50	40	43	37	0	0	0	0
26	0	17	41	29	57	45	44	37	0	0	0	0
27	0	19	42	33	52	35	43	35	0	0	0	0
28	0	18	37	39	54	24	44	35	0	0	0	0
29	0	17	32	41	54	29	41	33	0	0	0	0
30	0	-	28	44	45	39	35	31	0	0	0	0
31	0	-	30	-	33	-	31	32	-	0	-	0
TOTAL	0	262	899	1,055	1,489	1,207	1,323	1,001	535	0	0	0
MAXIMUM DAY	0	19	42	47	57	51	55	42	34	0	0	0
MINIMUM DAY	0	0	14	23	33	24	31	20	0	0	0	0
MEAN	0	9	29	35	48	40	43	32	18	0	0	0
TOTAL AC. FT.	0	520	1,763	2,093	2,953	2,394	2,624	1,985	1,061	0	0	0
WHOLE YEAR-	TOTAL,	7,761	MAX.,	57	MIN.,	0	MEAN,	21	TOTAL AC.FT.,	15,393		

KERN DELTA WATER DISTRICT EASTSIDE CANAL SERVICE AREA

Year: 2008

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	0	0	914	1,972	2,640	2,350	2,568	912	0	0	0	0	11,356
State Exchange Diverted	0	520	849	121	313	44	56	1,073	1,061	0	0	0	4,037
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	0	0	0	0	0	0	0
Oilfield Reclaimed Water Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
Eastside Canal at Head	0	520	1,763	2,093	2,953	2,394	2,624	1,985	1,061	0	0	0	15,393

Utility Deliveries	0	0	542	1,324	1,741	1,768	2,083	823	0	0	0	0	8,281
Contract Deliveries	0	0	0	93	61	54	0	0	0	0	0	0	208
Subtotal Utility Deliveries	0	0	542	1,417	1,802	1,822	2,083	823	0	0	0	0	8,489
State Exchange Delivered	0	209	607	121	313	44	56	889	953	0	0	0	3,192
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	0	0	0	0	0	0	0
Oilfield Reclaimed Water Delivered	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal State/Other Deliveries	0	209	607	121	313	44	56	889	953	0	0	0	3,192
Total Irrigation Deliveries	0	209	1,149	1,538	2,115	1,866	2,139	1,712	953	0	0	0	11,681

Canal Loss (Utility)	0	0	372	555	838	528	485	89	0	0	0	0	2,867
Canal Loss (State)	0	311	242	0	0	0	0	184	108	0	0	0	845
Canal Loss (Other)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Canal Loss	0	311	614	555	838	528	485	273	108	0	0	0	3,712
Delivery Percentage	0%	40%	65%	73%	72%	78%	82%	86%	90%	0%	0%	0%	76%

Year: 2008

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	0	0	0	0	81	76	106	118	0	0	24	0
2	0	0	0	0	72	89	107	104	0	0	19	0
3	0	0	0	0	79	88	111	102	0	0	17	0
4	0	0	0	0	70	88	96	98	0	0	19	0
5	0	0	0	0	70	64	94	96	0	0	19	0
6	0	0	0	0	68	68	95	100	0	0	22	0
7	0	0	0	0	64	76	95	102	0	0	19	0
8	0	0	0	0	68	73	88	91	0	0	20	0
9	0	0	0	0	70	88	91	76	0	0	0	0
10	0	0	0	0	72	102	102	58	0	0	0	0
11	0	0	0	0	72	112	113	0	0	0	0	0
12	0	0	0	0	74	107	110	0	0	0	0	0
13	0	0	0	0	79	85	99	0	0	0	0	0
14	0	0	0	0	74	89	98	0	0	0	0	0
15	0	0	0	0	60	103	93	0	0	0	0	0
16	0	0	0	0	52	94	104	0	0	0	0	0
17	0	0	0	0	58	103	112	0	0	0	0	0
18	0	0	0	0	62	114	117	0	0	13	0	0
19	0	0	0	0	65	126	109	0	0	32	0	0
20	0	0	0	0	67	119	107	0	0	43	0	0
21	3	0	0	0	62	105	102	0	0	54	0	0
22	23	0	0	0	50	107	110	0	0	58	0	0
23	17	0	0	4	59	118	115	0	0	57	0	0
24	17	0	0	31	67	115	119	0	0	47	0	0
25	13	0	0	33	59	114	116	0	0	41	0	0
26	0	0	0	32	55	110	109	0	0	46	0	0
27	0	0	0	33	57	106	106	17	0	41	0	0
28	0	0	0	47	60	117	101	42	0	39	0	0
29	0	0	0	57	66	128	107	43	0	37	0	0
30	0	0	0	73	85	126	119	40	0	26	0	0
31	0	0	0	0	86	0	123	36	0	18	0	0
TOTAL	73	0	0	310	2,083	3,010	3,274	1,123	0	552	159	0
MAXIMUM DAY	23	0	0	73	86	128	123	118	0	58	24	0
MINIMUM DAY	0	0	0	0	50	64	88	0	0	0	0	0
MEAN	2	0	0	10	67	100	106	36	0	18	5	0
TOTAL AC. FT.	145	0	0	615	4,132	5,970	6,494	2,227	0	1,095	315	0
WHOLE YEAR:-	TOTAL,	10,584	MAX.,	128	MIN.,	0	MEAN,	29	TOTAL AC.FT.,	20,993		

KERN DELTA WATER DISTRICT BUENA VISTA CANAL SERVICE AREA

Year: 2008

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Buena Vista (1st) Gross Ent'l	347	4,128	461	1,617	2,108	1,775	119	0	0	0	60	63	10,208
Buena Vista (1st) Preserved Ent'l	0	0	204	1,101	421	161	0	0	0	1,588	176	128	3,779
Buena Vista (1st) Release	0	0	0	0	563	0	0	0	0	0	0	0	563
Buena Vista (2nd) Gross Ent'l	0	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista (2nd) Release	0	0	0	0	0	0	0	0	0	0	0	0	0
Entitlement + or - Releases	347	4,128	665	2,718	3,092	1,936	119	0	0	1,588	236	191	15,020
Into Storage	26	4,128	665	2,272	1,223	117	0	0	0	878	0	191	9,500
From Storage	26	0	0	115	173	1,708	4,856	2,047	0	690	255	0	9,870
Via Cawelo Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
To North Kern WSD	0	0	0	0	0	0	0	0	0	0	0	0	0
To City of Bakersfield	0	0	0	0	0	0	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
Carrier Canal/River Loss	202	0	0	0	0	0	0	0	0	505	176	0	883
Diverted at Head of Canal	145	0	0	561	2,042	3,527	4,975	2,047	0	895	315	0	14,507
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	145	0	0	561	2,042	3,527	4,975	2,047	0	895	315	0	14,507
Utility Deliveries	15	0	0	157	1,406	2,923	4,325	1,780	0	413	163	0	11,182
Contract Deliveries	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Irrigation Deliveries	15	0	0	157	1,406	2,923	4,325	1,780	0	413	163	0	11,182
Canal Conveyance Losses	130	0	0	404	636	604	650	267	0	482	152	0	3,325
Delivery Percentage	10%	0%	0%	28%	69%	83%	87%	87%	0%	46%	52%	0%	77%

Into Reservoir Storage	26	4,128	665	2,272	1,223	117	0	0	0	878	0	191	9,500
Reservoir Evaporation Loss	16	34	79	133	151	222	160	31	5	10	2	2	845
From Reservoir Storage	26	0	0	115	173	1,708	4,856	2,047	0	690	255	0	9,870
End of Month Reservoir Storage	1,472	5,566	6,152	8,176	9,075	7,262	2,246	168	163	341	84	273	

State Exchange Diverted	0	0	0	0	329	87	0	0	0	0	0	0	416
State Exchange Delivered	0	0	0	0	329	87	0	0	0	0	0	0	416
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: 2008

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Buena Vista Canal at Headworks	145	0	0	615	4,132	5,970	6,494	2,227	0	1,095	315	0	20,993
Buena Vista Canal from Maples Canal	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL BUENA VISTA CANAL SUPPLY	145	0	0	615	4,132	5,970	6,494	2,227	0	1,095	315	0	20,993

Deliveries: Head to Section 17

Buena Vista Utility	15	0	0	63	871	1,958	2,150	1,505	0	310	163	0	7,035
Buena Vista State Exchange	0	0	0	0	254	37	0	0	0	0	0	0	291
Stine Utility	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Total	15	0	0	63	1,125	1,995	2,150	1,505	0	310	163	0	7,326

Deliveries: At or Below Section 17

Buena Vista Utility	0	0	0	94	535	965	2,175	275	0	103	0	0	4,147
Buena Vista State Exchange	0	0	0	0	75	50	0	0	0	0	0	0	125
Stine Utility	0	0	0	0	0	0	180	0	0	0	0	0	180
Stine State Exchange	0	0	0	0	0	325	0	0	0	0	0	0	325
Kern Island Utility	0	0	0	28	1,348	1,595	1,150	162	0	117	0	0	4,400
Sub-Total	0	0	0	122	1,958	2,935	3,605	437	0	220	0	0	9,177

TOTAL DELIVERED	15	0	0	185	3,083	4,930	5,655	1,942	0	530	163	0	16,503
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Canal Conveyance Losses	130	0	0	430	1,049	1,040	839	285	0	565	152	0	4,490
Delivery Percentage	10%	0%	0%	30%	75%	83%	87%	87%	0%	48%	52%	0%	79%

DISTRIBUTION:

Buena Vista Utility	145	0	0	561	2,042	3,527	4,975	2,047	0	895	315	0	14,507
Buena Vista State Exchange	0	0	0	0	329	87	0	0	0	0	0	0	416
Stine Utility	0	0	0	0	0	393	208	0	0	0	0	0	601
Stine State Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern Island Utility	0	0	0	54	1,761	1,963	1,311	180	0	200	0	0	5,469
TOTAL	145	0	0	615	4,132	5,970	6,494	2,227	0	1,095	315	0	20,993

Year: 2008

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	0	0	0	29	42	100	73	0	0	0	0
2	0	0	0	0	30	55	103	72	0	0	0	0
3	0	0	0	0	32	66	99	73	0	0	0	0
4	0	0	0	0	35	65	78	72	0	0	0	0
5	0	0	0	0	43	63	77	71	0	0	0	0
6	0	0	0	0	43	62	78	71	0	0	0	0
7	0	0	0	0	54	65	78	72	0	0	0	0
8	0	0	0	0	73	68	78	55	0	0	0	0
9	0	0	0	0	74	70	79	0	0	0	0	0
10	0	0	0	0	74	69	78	0	0	0	0	0
11	0	0	0	0	74	76	84	0	0	0	0	0
12	0	0	0	0	74	89	83	0	0	0	0	0
13	0	0	0	0	74	82	83	0	0	0	0	0
14	0	0	0	0	74	86	93	0	0	0	0	0
15	0	0	0	0	74	91	86	0	0	0	0	0
16	0	0	0	0	73	111	83	0	0	0	0	0
17	0	0	0	0	73	129	84	0	0	0	0	0
18	0	0	0	0	72	137	78	0	0	0	0	0
19	0	0	0	0	75	145	77	0	0	0	0	0
20	0	0	0	0	73	131	77	0	0	0	0	0
21	0	0	0	0	67	114	78	0	0	0	0	0
22	0	0	0	0	68	115	77	0	0	0	0	0
23	0	0	0	0	69	116	77	0	0	0	0	0
24	0	0	0	0	65	114	71	0	0	0	0	0
25	0	0	0	0	64	112	72	0	0	0	0	0
26	0	0	0	0	64	106	73	0	0	0	0	0
27	0	0	0	0	59	94	72	0	0	0	0	0
28	0	0	0	0	51	83	72	0	0	0	0	0
29	0	0	0	0	52	80	70	0	0	0	0	0
30	0	0	0	4	50	89	72	0	0	0	0	0
31	0	0	0	0	43	73	73	0	0	0	0	0
TOTAL	0	0	0	4	1,875	2,725	2,483	559	0	0	0	0
MAXIMUM DAY	0	0	0	4	75	145	103	73	0	0	0	0
MINIMUM DAY	0	0	0	0	29	42	70	0	0	0	0	0
MEAN	0	0	0	0	60	91	80	18	0	0	0	0
TOTAL AC. FT.	0	0	0	8	3,719	5,405	4,925	1,109	0	0	0	0
WHOLE YEAR:-	TOTAL,	7,646	MAX.,	145	MIN.,	0	MEAN,	21	TOTAL AC.FT.,	15,166		

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

Year: 2008

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	+ 570	3,048	869	3,035	3,957	3,328	230	0	0	0	0	0	15,037
Preserved Entitlement	+ 928	0	0	0	0	0	0	0	0	0	22	12	962
Release	+ or -	0	0	0	0	0	0	0	0	0	22	12	15,999
Entitlement + or - Releases	= 1,498	3,048	869	3,035	3,957	3,328	230	0	0	0	22	12	15,999
Into Storage	- 1,498	3,048	869	2,908	276	28	0	0	0	0	22	12	8,661
From Storage	+ 0	0	0	0	288	1,841	4,532	1,236	0	0	0	0	7,897
To North Kern WSD	- 0	0	0	0	0	0	0	0	0	0	0	0	0
Via Cawelo Water District	- 0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer in Storage	+ or - 0	0	0	0	0	0	0	0	0	0	0	0	0
Carrier Canal Loss	- 0	0	0	0	0	0	0	0	0	0	0	0	0
Other	+ or - 0	0	0	0	0	0	0	0	0	0	0	0	0
Diverted at Head of Canal	= 0	0	0	127	3,969	5,141	4,762	1,236	0	0	0	0	15,235
From Cawelo Water District	+ 0	0	0	0	0	0	0	0	0	0	0	0	0
Total Utility Supply	= 0	0	0	127	3,969	5,141	4,762	1,236	0	0	0	0	15,235
Utility Deliveries	0	0	0	71	2,117	3,040	3,153	969	0	0	0	0	9,350
Contract Deliveries	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Irrigation Deliveries	- 0	0	0	71	2,117	3,040	3,153	969	0	0	0	0	9,350
Canal Conveyance Losses	= 0	0	0	56	1,852	2,101	1,609	267	0	0	0	0	5,885
Delivery Percentage	0%	0%	0%	56%	53%	59%	66%	78%	0%	0%	0%	0%	61%

Into Reservoir Storage	1,498	3,048	869	2,908	276	28	0	0	0	0	22	12	8,661
Reservoir Evaporation Loss	10	24	65	118	147	188	119	10	1	2	2	2	688
From Reservoir Storage	0	0	0	0	288	1,841	4,532	1,236	0	0	0	0	7,897
End of Month Reservoir Storage	1,500	4,524	5,328	8,118	7,959	5,958	1,307	61	60	58	78	88	

State Exchange Diverted	0	0	0	0	0	0	0	186	0	0	0	0	186
State Exchange Delivered (Irrigation)	0	0	0	0	0	0	0	186	0	0	0	0	186
State Exchange Delivered (Loss/Spreading)	0	0	0	0	0	0	0	0	0	0	0	0	0
Mandatory Release Water Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0

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

Year: 2008

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	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 AC.FT.,	0	0	0	0	0	0	0	0	0	0	0

KERN DELTA WATER DISTRICT
State Aqueduct Exchange Diversion and Storage Recapitulation

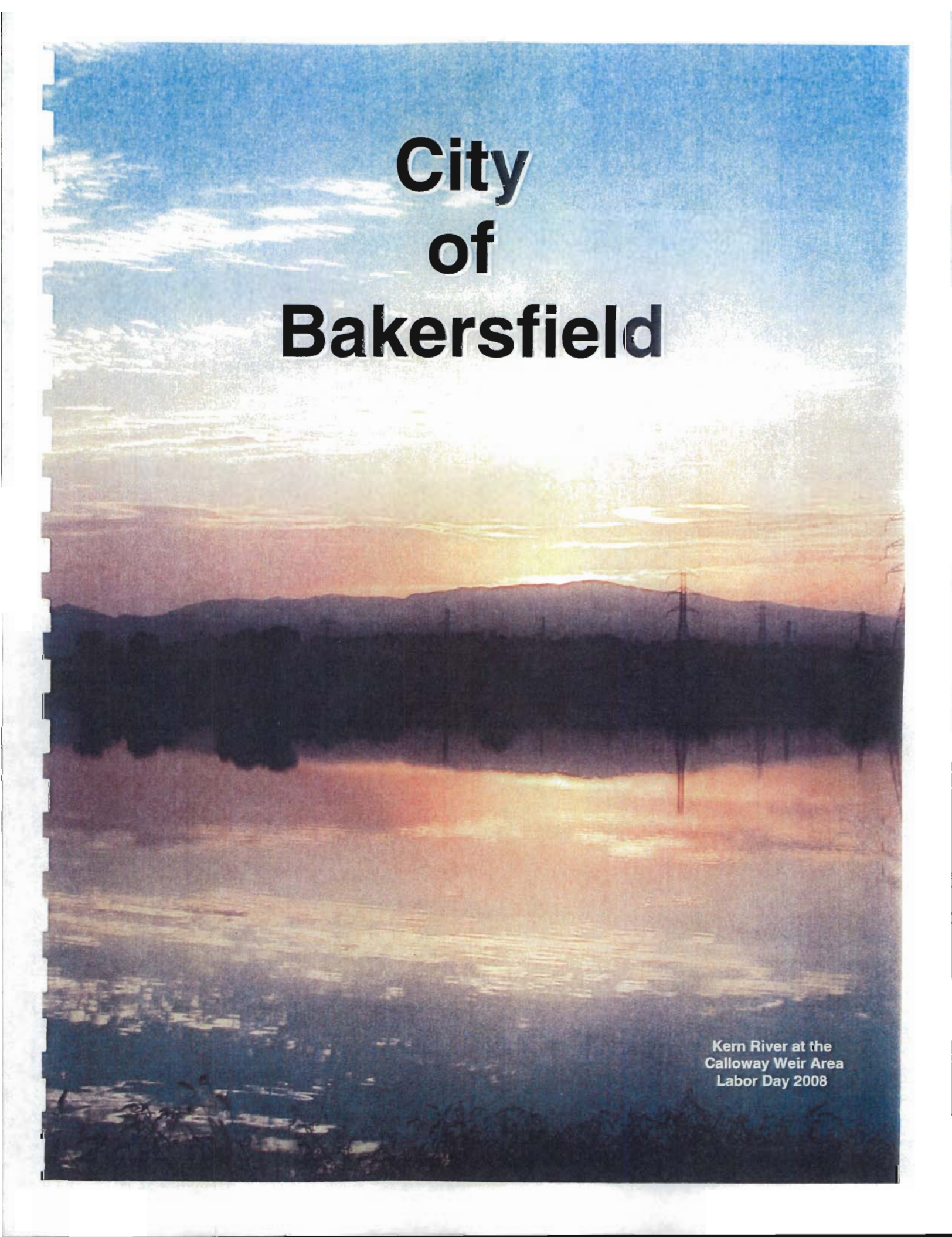
Year: 2008

Quantities in acre-feet

	Kern Island	Eastside	East of Kern Island	Buena Vista	Shipe	Farmers	Pioneer Project	For ID4	Via A-EWSD	Carrier Loss	Reservoir Loss	Total	Storage Balance	
November	99	0	0	0	0	0	0	749	0	0	0	848	4,165	3,317
December	2	0	0	0	0	0	0	0	0	0	0	2	3,315	3,315
January	0	0	0	0	0	0	0	0	0	0	0	0	3,315	3,315
February	597	520	0	0	0	28	0	0	0	0	0	1,145	2,170	2,170
March	1,297	849	0	0	0	0	0	0	0	0	2	2,148	22	22
April	22	0	0	0	0	0	0	0	0	0	0	22	0	0
Total	2,017	1,369	0	0	0	28	0	749	0	0	2	4,165		

March	0	0	0	0	0	0	0	0	0	0	0	0	8,577	8,577
April	466	121	0	0	0	0	0	0	0	0	0	587	7,990	7,990
May	611	313	0	329	0	0	0	0	0	0	0	1,253	6,737	6,737
June	369	44	0	87	0	0	0	0	0	0	0	500	6,237	6,237
July	720	56	0	0	0	0	0	0	0	0	0	776	5,461	5,461
August	39	1,073	0	0	186	0	0	0	0	0	0	1,298	4,163	4,163
September	157	1,061	0	0	0	0	0	0	0	0	0	1,218	2,945	2,945
October	77	0	0	0	0	0	0	0	0	0	0	77	2,868	2,868
Total	2,439	2,668	0	416	186	0	0	0	0	0	0	5,709		

November	32	0	0	0	0	0	0	0	0	0	0	32	2,836	2,836
December	0	0	0	0	0	0	0	0	0	0	0	0	2,836	2,836
Total	32	0	0	0	0	0	0	0	0	0	0	32		



City of Bakersfield

Kern River at the
Calloway Weir Area
Labor Day 2008

KERN RIVER CHANNEL OPERATIONS CITY OF BAKERSFIELD

Year: 2008

Quantities in acre-feet

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
+ Kern River at First Point of Measurement	12,906	19,123	33,421	38,245	57,413	81,876	77,982	66,777	26,991	17,339	14,846	8,955	455,874
- Computed Loss	576	633	676	655	676	655	676	676	655	676	655	676	7,985
- Beardsley Canal at Head	1,761	7,686	14,912	13,842	17,877	20,340	21,951	14,446	11,302	6,787	6,795	3,997	141,996
- Carrier Canal at Head	10,469	10,804	17,833	23,748	34,197	35,518	35,034	36,988	11,585	7,906	7,396	2,993	234,471
= Rocky Point Weir	0	0	0	0	4,663	25,363	20,321	14,667	3,449	1,970	0	1,289	71,722
+ Carrier Waste Gate	0	0	0	0	0	297	0	147	0	0	1,008	367	1,819
+ Farmers-Stine-Anderson: to River	2,456	2,249	3,227	3,381	2,408	0	0	1,347	0	1,089	2,283	385	18,825
- Farmers-Stine-Anderson: from River	0	0	0	0	3,207	21,574	17,829	11,214	0	0	0	63	53,887
- Calloway Canal at Head	1,496	1,537	2,442	2,622	2,967	3,118	1,688	3,352	2,880	2,519	1,769	1,319	27,709
- River Loss: Rocky Point to Calloway Weir	883	668	785	759	897	968	758	595	569	540	456	659	8,537
= Calloway River Weir	77	44	0	0	0	0	46	1,000	0	0	1,066	0	2,233
+ CVC T.O. #4 to River	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Truxtun Lake to River	0	0	0	0	0	0	0	0	0	0	0	0	0
+ CVC T.O. #3 to River	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Friant-Kern Inflow	0	0	0	0	0	0	0	0	0	0	93	0	93
- River Canal from River	0	0	0	0	0	0	0	0	0	0	0	0	0
- River Loss: Cally. Weir to River Canal Weir	77	44	0	0	0	0	46	1,000	0	0	1,159	0	2,326
= River Canal Weir	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Pioneer Turnout	0	0	0	0	131	139	131	143	0	67	22	0	633
- The Park at River Walk	0	0	0	0	131	139	131	143	0	67	22	0	633
+ CVC T.O. #2 to River	0	0	0	0	0	0	0	0	0	0	0	0	0
- Rosedale Channel at Head	0	0	0	0	0	0	0	0	0	0	0	0	0
- North Lake Turnout	0	0	0	0	0	0	0	0	0	0	0	0	0
- Pioneer Canal at Head	0	0	0	0	0	0	0	0	0	0	0	0	0
- Berrenda Mesa Pipeline Turnout	0	0	0	0	0	0	0	0	0	0	0	0	0
- River Loss: River Canal to Bellevue Weir	0	0	0	0	0	0	0	0	0	0	0	0	0
= Flow at Bellevue Weir	0	0	0	0	0	0	0	0	0	0	0	0	0
- River Loss: Bellevue Weir to ID#4 Boundary	0	0	0	0	0	0	0	0	0	0	0	0	0
- River Loss: ID#4 Boundary to 2800 Acres	0	0	0	0	0	0	0	0	0	0	0	0	0
+ CVC T.O. #1 to River	0	0	0	0	0	0	0	0	0	0	0	0	0
+ River Canal Turnout to 2800 Acres	0	0	0	0	0	0	0	0	0	0	0	0	0
- Pioneer Central from 2800 Acres	0	0	0	0	0	0	0	0	0	0	0	0	0
- Pioneer North from 2800 Acres	0	0	0	0	0	0	0	0	0	0	0	0	0
- Kern Water Bank from 2800 Acres	0	0	0	0	0	0	0	0	0	0	0	0	0
- Kern Water Bank Canal at Head	0	0	0	0	0	0	0	0	0	0	0	0	0
- River Loss: 2800 Acres to Second Point	0	0	0	0	0	0	0	0	0	0	0	0	0
- 2800 Acre Recharge Facility	0	0	0	0	0	0	0	0	0	0	0	0	0
= Second Point via Kern River Channel	0	0	0	0	0	0	0	0	0	0	0	0	0

CARRIER CANAL OPERATIONS CITY OF BAKERSFIELD

Year: 2008

Quantities in acre-feet

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
+ Carrier Canal at Head	10,469	10,804	17,833	23,748	34,197	35,518	35,034	36,988	11,585	7,906	7,396	2,993	234,471
- Carrier Waste Gate	0	0	0	0	0	297	0	147	0	0	1,008	367	1,819
+ Oilfield Discharge	0	0	0	0	0	0	0	0	0	0	0	0	0
- Canal Refill	26	0	0	0	0	0	0	0	0	0	0	38	64
= Carrier Reclamation Weir	10,443	10,804	17,833	23,748	34,197	35,221	35,034	36,841	11,585	7,906	6,388	2,588	232,588
+ Storm Drain Inflow	50	65	0	0	0	0	0	0	0	0	0	109	224
- Eastside Canal at Head	0	520	1,763	2,093	2,953	2,394	2,624	1,985	1,061	0	0	0	15,393
- Kern Island Canal at Head	7,640	7,979	12,843	17,167	18,924	21,509	19,206	21,360	10,524	4,988	3,420	2,108	147,668
= Levee No. 1	2,853	2,370	3,227	4,488	12,320	11,318	13,204	13,496	0	2,918	2,968	589	69,751
- Farmers-Stine-Anderson: to River	2,456	2,249	3,227	3,381	2,408	0	0	1,347	0	1,089	2,283	385	18,825
+ Farmers-Stine-Anderson: from River	0	0	0	0	3,207	21,574	17,829	11,214	0	0	0	63	53,887
= Carrier Canal at Oak Street	397	121	0	1,107	13,119	32,892	31,033	23,363	0	1,829	685	267	104,813
- Stine Canal at Head	0	0	0	8	3,719	5,405	4,925	1,109	0	0	0	0	15,166
- Carrier to Truxtun Lakes	48	44	0	0	809	892	601	1,075	0	371	276	139	4,255
+ Truxtun Lakes to Carrier	48	0	0	0	629	730	456	888	0	279	161	0	3,191
- Avin-Edison Turnout	0	0	0	0	0	1,567	3,330	2,237	0	0	0	0	7,134
- Total Carrier Canal Loss	252	77	0	484	1,258	1,103	783	617	0	575	233	128	5,510
+ River Canal from River	0	0	0	0	0	0	0	0	0	0	0	0	0
= River Canal at Stockdale Highway	145	0	0	615	7,962	24,655	21,850	19,213	0	1,162	337	0	75,939
- Buena Vista Canal at Head	145	0	0	615	4,132	5,970	6,494	2,227	0	1,095	315	0	20,993
- Pioneer Turnout	0	0	0	0	131	139	131	143	0	67	22	0	633
- 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	179	725	711	679	702	669	473	4,138
= River Canal at Alternate Second Point	0	0	0	0	3,699	18,725	15,950	17,554	679	702	669	473	58,451
+ City-Olcese Well Water Production	1,021	0	0	425	1,848	1,805	1,293	1,263	1,325	1,492	1,529	547	12,548
+ Berrenda Mesa Well Water Production	342	0	829	1,255	1,261	1,159	1,096	1,048	957	935	852	615	10,349
+ ID4 Well Water Production	760	0	286	887	888	802	830	782	678	677	599	276	7,445
+ Pioneer Well Water Production	2,229	137	1,633	2,542	2,574	2,691	2,922	2,799	2,721	2,802	2,601	1,830	27,481
+ KWB Well Water Production	2,220	2,170	2,139	2,326	2,163	2,080	2,145	2,074	1,936	1,933	1,697	1,250	24,133
- Kern Delta WD via River Canal	0	0	0	0	0	0	0	0	0	0	0	0	0
- KCWA via River Canal	6,572	2,307	4,887	6,990	6,886	6,911	7,718	7,414	6,971	7,049	7,398	4,991	76,094
- 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	425	5,547	20,351	16,518	18,106	1,325	1,492	549	0	64,313

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

Quantities in acre-feet

Year: 2008

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
River Entitlement	463	1,147	20,769	20,080	25,938	20,852	11,663	2	0	0	99	256	101,269
Release	842	46	81	577	440	293	0	0	0	833	1,091	974	5,177
ENTITLEMENT + OR - RELEASES	= 1,305	1,193	20,870	20,657	26,378	21,145	11,663	2	0	833	1,190	1,230	106,466
NKWSD to City	0	0	0	0	0	0	0	0	0	0	0	0	0
From Reservoir Storage	95	36	0	0	79	5,229	8,609	25,181	1,857	753	78	0	41,917
Into Reservoir Storage	420	269	15,995	13,116	13,854	5,412	961	0	0	0	2,480	111	52,618
Other	0	0	0	0	0	0	0	0	0	0	2,456	6	2,462
TOTAL SUPPLY	= 980	980	4,875	7,541	12,603	20,962	19,311	25,183	1,857	1,586	1,244	1,125	98,227
County of Kern (Above First Point)	30	36	72	91	122	159	189	177	138	101	68	47	1,228
Kern Valley Golf Course	0	0	12	29	29	32	33	35	30	15	4	0	219
California Water Service Company	908	774	732	1,080	1,258	1,428	1,567	1,673	1,584	1,241	999	844	14,089
Oicese Water District	8	19	48	75	104	125	113	129	107	71	18	7	825
North Kern WSD (Basic Contract)	0	0	0	0	0	5,000	5,000	10,000	0	0	0	0	20,000
North Kern WSD (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
North Kern WSD (Borrow/Payback)	0	0	0	0	0	0	0	0	0	0	0	0	0
North Kern WSD (Basic Contract)	0	0	0	0	0	0	0	0	0	0	0	0	0
Cawelo WD (Miscellaneous)	0	0	1,462	2,892	4,705	7,421	6,130	5,400	0	0	0	0	28,000
Kern-Tulare WD (Basic Contract)	0	0	2,218	2,522	4,000	4,000	4,000	4,000	0	0	0	0	20,740
Rag Gulch WD (Miscellaneous)	0	0	333	377	600	600	600	600	0	0	0	0	3,110
Rag Gulch WD (Basic Contract)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale RBWSD (Basic Contract)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale RBWSD (Miscellaneous)	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale Ranch ID	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern River Canal & Irrigating Company	0	0	0	0	0	0	0	0	0	0	0	0	0
Arvin-Edison WSD	0	44	0	0	180	162	145	1,815	0	0	60	222	329
Truxtun Lake	0	0	0	0	131	139	131	143	0	92	71	0	881
The Park at River Walk	0	0	0	0	0	0	0	0	0	67	22	0	633
North Lake	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Grundels	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	0	0
Joy Cordova	0	0	0	0	0	0	0	0	0	0	0	2	2
First Point Passing Second Point	0	0	0	0	0	0	0	0	0	0	0	0	0
2800 Acre Banking	0	0	0	0	0	0	0	0	0	0	0	0	0
River and Carrier Canal Loss	32	87	(2)	485	1,474	1,896	1,403	977	0	(1)	2	1	6,354
TOTAL DIVERTED	= 980	960	4,875	7,541	12,603	20,962	19,311	25,183	1,857	1,586	1,244	1,125	98,227
Into Reservoir Storage	420	289	15,995	13,116	13,854	5,412	961	0	0	0	2,480	111	52,618
Reservoir Evaporation Loss	105	103	270	581	835	1,339	1,462	988	641	475	247	176	7,222
From Reservoir Storage	95	36	0	0	79	5,229	8,609	25,181	1,857	753	78	0	41,917
End of Month Reservoir Storage	9,777	9,907	25,632	38,167	51,107	49,961	40,841	14,672	12,174	10,946	13,101	13,036	

CITY OF BAKERSFIELD
Deliveries to Long Term Contractors

Basic Contract

Year: 2008

Quantities in acre-feet

	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) 1,475	1,475	2,218	2,218	333	333	4,026	4,026
April	0	0	1) 2,921	4,396	2,522	4,740	377	710	5,820	9,846
May	0	0	1) 4,759	9,155	4,000	8,740	600	1,310	9,359	19,205
June	5,000	5,000	1) 7,476	16,631	4,000	12,740	600	1,910	17,076	36,281
July	5,000	10,000	1) 6,132	22,763	4,000	16,740	600	2,510	15,732	52,013
August	10,000	20,000	5,400	28,163	4,000	20,740	600	3,110	20,000	72,013
September	0	20,000	0	28,163	0	20,740	0	3,110	0	72,013
October	0	20,000	0	28,163	0	20,740	0	3,110	0	72,013
November	0	20,000	0	28,163	0	20,740	0	3,110	0	72,013
December	0	20,000	0	28,163	0	20,740	0	3,110	0	72,013
Year Total	20,000		28,163		20,740		3,110		72,013	

Note: 1) Includes Isabella Reservoir evaporation loss attributable to unused contract.

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

Year: 2008

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	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	MAX.,	0	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	0	0	0

Year: 2008

CAWELO WATER DISTRICT OPERATIONS

Quantities in acre-feet

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
+ Cawelo WD via Pump Station "B"	0	0	1,008	2,322	4,119	6,343	7,478	5,090	3,951	1,801	409	0	32,521
+ 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	0	0	0	0	248	0	0	248
+ 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	20	186	157	58	155	52	117	0	0	0	0	745
+ Lerdo Delivery Gate No. 8-0-25	0	0	44	16	38	101	85	61	52	20	83	0	500
+ Lerdo Delivery Gate No. 8-0-100	0	0	0	0	6	12	6	6	6	12	0	0	48
+ 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	24	67	109	149	190	198	119	115	87	6	0	1,064
+ Lerdo Delivery Gate No. 8-0-291	0	49	121	184	253	224	329	206	184	164	2	0	1,716
+ Lerdo Delivery Gate No. 8-0-292	0	2	12	18	24	24	34	20	16	12	0	0	162
+ Lerdo Delivery Pump Station "D"	0	0	0	0	0	417	803	922	268	0	0	0	2,410
+ Total Lerdo Turnout Deliveries	0	95	430	484	528	1,123	1,507	1,451	641	543	91	0	6,893
+ Beardsley Canal Loss	0	18	52	60	60	60	61	61	60	58	14	0	504
+ Lerdo Loss	0	0	16	32	50	85	101	79	48	22	4	0	439
+ Total Loss	0	20	68	92	110	145	162	140	108	80	18	0	943
+ Via North Kern WSD	0	0	0	0	0	0	0	0	0	0	0	0	0
= Total Diverted for Cawelo WD	0	115	1,506	2,898	4,757	7,611	9,147	6,881	4,700	2,424	518	0	40,357

Cawelo Water District Source of Supply:

+ City of Bakersfield Basic Contract	0	0	1,462	2,882	4,705	7,421	6,130	5,400	0	0	0	0	28,000
+ City of Bakersfield Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0
+ City of Bakersfield Non-Kern River	0	0	0	0	0	0	0	0	0	0	0	0	0
+ 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	44	16	36	190	169	210	198	207	2	67	163
+ Paramount Farming Company Well	0	0	0	0	16	0	2,848	1,071	3,141	1,636	189	0	992
+ Buena Vista WSD State Exchange	0	0	0	0	0	0	0	0	1,361	581	260	0	8,885
+ North Kern WSD Exchange	0	115	0	0	0	0	0	0	0	0	0	0	2,317
+ via CVC Conduit "A"	0	0	0	0	0	0	0	0	0	0	0	0	0
+ North Kern WSD Non-Kern River	0	0	0	0	0	0	0	0	0	0	0	0	0
= Total Cawelo Water District Supply	0	115	1,506	2,898	4,757	7,611	9,147	6,881	4,700	2,424	518	0	40,357

Year: 2008

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	0	28	42	100	178	130	124	45	42	0
2	0	0	0	28	43	108	176	123	126	23	41	0
3	0	9	16	30	42	107	177	91	130	23	43	0
4	0	4	6	24	0	100	172	93	92	4	40	0
5	0	0	52	22	44	98	138	58	95	3	3	0
6	0	0	51	21	48	98	136	57	91	48	3	0
7	0	0	45	21	43	98	150	125	86	49	3	0
8	0	0	0	31	61	97	146	164	93	45	3	0
9	0	0	0	59	61	121	168	164	60	48	3	0
10	0	0	2	61	59	121	175	86	79	52	3	0
11	0	0	19	50	55	120	153	92	43	50	3	0
12	0	0	36	35	65	130	141	135	43	46	3	0
13	0	0	40	28	62	128	119	130	112	58	3	0
14	0	0	28	31	60	99	118	129	110	51	3	0
15	0	0	25	44	93	99	169	92	113	28	2	0
16	0	0	16	67	94	110	134	57	113	30	2	0
17	0	0	25	74	90	174	121	58	113	34	0	0
18	0	0	26	70	93	174	120	91	111	33	0	0
19	0	4	33	80	99	179	153	165	78	34	0	0
20	0	4	28	76	91	178	157	165	77	38	0	0
21	0	12	23	40	98	139	157	125	78	33	0	0
22	0	6	21	61	89	139	153	90	76	34	0	0
23	0	4	22	93	133	176	161	88	42	35	1	0
24	0	0	22	98	131	146	160	88	41	33	22	0
25	0	0	44	74	130	146	122	93	43	52	19	0
26	0	0	54	50	98	143	121	129	41	50	19	0
27	0	0	51	37	99	108	124	127	40	51	0	0
28	0	5	38	43	91	112	123	126	39	51	0	0
29	0	10	10	43	95	143	161	87	40	51	0	0
30	0	-	0	42	98	146	166	87	40	44	0	0
31	0	-	26	-	91	-	163	124	-	46	-	0
TOTAL	0	58	759	1,461	2,398	3,837	4,612	3,369	2,369	1,222	261	0
MAXIMUM DAY	0	12	54	98	133	179	178	165	130	58	43	0
MINIMUM DAY	0	0	0	21	0	97	118	57	39	3	0	0
MEAN	0	2	24	49	77	128	149	109	79	39	9	0
TOTAL AC. FT.	0	115	1,506	2,898	4,757	7,611	9,147	6,681	4,700	2,424	518	0
WHOLE YEAR:-	TOTAL	20,346	MAX.,	179	MIN.,	0	MEAN,	56	TOTAL AC.FT.,	40,357		

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

Year: 2008

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	28	42	96	175	127	0	0	0	0
2	0	0	0	28	43	105	173	120	0	0	0	0
3	0	0	14	30	42	104	175	88	0	0	0	0
4	0	0	4	24	0	96	169	89	0	0	0	0
5	0	0	50	22	44	95	135	55	0	0	0	0
6	0	0	49	21	48	95	133	53	0	0	0	0
7	0	0	43	21	43	94	148	122	0	0	0	0
8	0	0	0	31	61	94	143	160	0	0	0	0
9	0	0	0	59	61	118	165	161	0	0	0	0
10	0	0	2	61	59	118	172	82	0	0	0	0
11	0	0	17	50	55	117	151	89	0	0	0	0
12	0	0	34	35	65	126	138	131	0	0	0	0
13	0	0	38	28	62	125	116	127	0	0	0	0
14	0	0	26	31	60	96	115	125	0	0	0	0
15	0	0	23	44	93	95	167	89	0	0	0	0
16	0	0	16	67	94	107	131	53	0	0	0	0
17	0	0	25	74	88	171	118	55	0	0	0	0
18	0	0	24	70	91	170	117	87	0	0	0	0
19	0	0	33	78	97	176	151	162	0	0	0	0
20	0	0	28	74	89	175	154	161	0	0	0	0
21	0	0	23	38	96	136	145	122	0	0	0	0
22	0	0	21	61	89	136	0	86	0	0	0	0
23	0	0	22	91	131	173	0	85	0	0	0	0
24	0	0	22	98	129	143	0	84	0	0	0	0
25	0	0	44	74	128	143	0	90	0	0	0	0
26	0	0	54	50	96	140	0	120	0	0	0	0
27	0	0	51	37	99	105	0	0	0	0	0	0
28	0	0	38	43	91	109	0	0	0	0	0	0
29	0	0	10	43	93	140	0	0	0	0	0	0
30	0	0	0	42	95	143	0	0	0	0	0	0
31	0	0	26	-	88	-	0	0	-	0	-	0
TOTAL	0	0	737	1,453	2,372	3,741	3,091	2,723	0	0	0	0
MAXIMUM DAY	0	0	54	98	131	176	175	162	0	0	0	0
MINIMUM DAY	0	0	0	21	0	94	0	0	0	0	0	0
MEAN	0	0	24	48	77	125	100	88	0	0	0	0
TOTAL AC. FT.	0	0	1,462	2,882	4,705	7,421	6,130	5,400	0	0	0	0
WHOLE YEAR:-	TOTAL,	14,117	MAX.,	176	MIN.,	0	MEAN,	39	TOTAL AC.FT.,	28,000		

Buena Vista WSD Diverted for Cawelo Water District
(Kem River/SWP Exchange)

Year: 2008

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	111	32	33	0
2	0	0	0	0	0	0	0	0	114	11	14	0
3	0	0	0	0	0	0	0	0	118	11	0	0
4	0	0	0	0	0	0	0	0	79	0	0	0
5	0	0	0	0	0	0	0	0	83	0	0	0
6	0	0	0	0	0	0	0	0	78	16	0	0
7	0	0	0	0	0	0	0	0	72	36	0	0
8	0	0	0	0	0	0	0	0	81	33	0	0
9	0	0	0	0	0	0	0	0	48	35	0	0
10	0	0	0	0	0	0	0	0	31	38	0	0
11	0	0	0	0	0	0	0	0	0	38	0	0
12	0	0	0	0	0	0	0	0	0	33	0	0
13	0	0	0	0	0	0	0	0	0	44	0	0
14	0	0	0	0	0	0	0	0	0	38	0	0
15	0	0	0	0	0	0	0	0	0	16	0	0
16	0	0	0	0	0	0	0	0	89	17	0	0
17	0	0	0	0	0	0	0	0	101	22	0	0
18	0	0	0	0	0	0	0	0	99	20	0	0
19	0	0	0	0	0	0	0	0	65	20	0	0
20	0	0	0	0	0	0	0	0	64	26	0	0
21	0	0	0	0	0	0	9	0	64	21	0	0
22	0	0	0	0	0	0	150	0	63	21	0	0
23	0	0	0	0	0	0	159	0	28	23	0	0
24	0	0	0	0	0	0	157	0	28	20	16	0
25	0	0	0	0	0	0	119	0	31	38	13	0
26	0	0	0	0	0	0	118	5	28	37	19	0
27	0	0	0	0	0	0	121	124	27	38	0	0
28	0	0	0	0	0	0	121	122	26	37	0	0
29	0	0	0	0	0	0	158	84	27	39	0	0
30	0	0	0	0	0	0	163	84	28	32	0	0
31	0	0	0	0	0	0	161	121	0	33	0	0
TOTAL	0	0	0	0	0	0	1,436	540	1,583	825	95	0
MAXIMUM DAY	0	0	0	0	0	0	163	124	118	44	33	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	46	17	53	27	3	0
TOTAL AC. FT.	0	0	0	0	0	0	2,848	1,071	3,141	1,636	189	0
WHOLE YEAR:-	TOTAL,	4,479	MAX.,	163	MIN.,	0	MEAN,	12	TOTAL AC.FT.,	8,885		

**RECAPITULATION OF CITY OF BAKERSFIELD DIVERSIONS FOR
KERN-TULARE AND RAG GULCH WATER DISTRICTS**

Quantities in acre-feet

Year: 2008

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
+ Total Basic Contract Diverted	0	0	2,551	2,899	4,600	4,600	4,600	4,600	0	0	0	0	23,850
- Kern-Tulare Water District	0	0	2,218	2,522	4,000	4,000	4,000	4,000	0	0	0	0	20,740
= Rag Gulch Water District	0	0	333	377	600	600	600	600	0	0	0	0	3,110
+ Total Misc. Quantity Diverted	0	0	0	0	0	0	0	0	0	0	0	0	0
- Kern-Tulare Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
= Rag Gulch Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
= Total Diverted	0	0	2,551	2,899	4,600	4,600	4,600	4,600	0	0	0	0	23,850
via Calloway Canal	0	0	1,930	1,099	2,204	2,249	1,113	2,331	0	0	0	0	10,926
River Transportation Loss/Spreading	0	0	621	327	520	131	157	172	0	0	0	0	1,928
Carrier Canal Recharge	0	0	0	0	0	0	0	0	0	0	0	0	0
via Kern Island Canal	0	0	0	1,473	1,317	653	0	1,675	0	0	0	0	5,118
via Arvin-Edison Turnout	0	0	0	0	0	1,567	3,330	422	0	0	0	0	5,319
via North Kern Water Storage District	0	0	0	0	559	0	0	0	0	0	0	0	559
Isabella Reservoir Evaporation Loss	0	0	0	0	0	0	0	0	0	0	0	0	0
- Total Diverted to I.D. No. 4	0	0	2,551	2,899	4,600	4,600	4,600	4,600	0	0	0	0	23,850
- Kern-Tulare Water District	0	0	2,218	2,522	4,000	4,000	4,000	4,000	0	0	0	0	20,740
= Rag Gulch Water District	0	0	333	377	600	600	600	600	0	0	0	0	3,110
via Arvin-Edison Turnout	0	0	0	0	0	0	0	0	0	0	0	0	0
Canal Transportation Loss	0	0	0	0	0	0	0	0	0	0	0	0	0
- Total Diverted to Arvin-Edison T.O.	0	0	0	0	0	0	0	0	0	0	0	0	0
- Kern-Tulare Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
= Rag Gulch Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
= Via North Kern Water Storage District	0	0	0	0	0	0	0	0	0	0	0	0	0
- Kern-Tulare Water District	0	0	0	0	0	0	0	0	0	0	0	0	0
= Rag Gulch Water District	0	0	0	0	0	0	0	0	0	0	0	0	0

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

Year: 2008

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	26	32	83	111	125	171	0	0	0	0
2	0	0	24	48	91	150	131	47	0	0	0	0
3	0	0	34	38	82	179	124	30	0	0	0	0
4	0	0	34	90	57	196	124	88	0	0	0	0
5	0	0	37	37	80	108	110	135	0	0	0	0
6	0	0	38	34	80	30	75	111	0	0	0	0
7	0	0	37	59	82	30	121	116	0	0	0	0
8	0	0	38	62	83	36	121	115	0	0	0	0
9	0	0	37	86	90	34	125	110	0	0	0	0
10	0	0	34	90	84	36	121	36	0	0	0	0
11	0	0	38	113	91	26	129	126	0	0	0	0
12	0	0	30	122	80	30	115	103	0	0	0	0
13	0	0	34	87	78	31	67	103	0	0	0	0
14	0	0	31	107	84	35	23	101	0	0	0	0
15	0	0	32	101	40	30	0	43	0	0	0	0
16	0	0	28	86	48	36	0	41	0	0	0	0
17	0	0	31	80	51	29	0	38	0	0	0	0
18	0	0	35	0	51	35	14	40	0	0	0	0
19	0	0	41	0	40	39	42	35	0	0	0	0
20	0	0	37	0	41	33	17	38	0	0	0	0
21	0	0	43	0	37	39	86	33	0	0	0	0
22	0	0	40	0	48	38	118	43	0	0	0	0
23	0	0	39	0	41	38	105	39	0	0	0	0
24	0	0	40	0	37	39	46	32	0	0	0	0
25	0	0	37	0	21	62	0	37	0	0	0	0
26	0	0	40	0	22	123	0	37	0	0	0	0
27	0	0	38	0	26	122	0	40	0	0	0	0
28	0	0	42	0	31	110	0	35	0	0	0	0
29	0	0	46	0	31	89	43	91	0	0	0	0
30	0	0	34	0	185	122	17	2	0	0	0	0
31	0	0	43	0	122	0	18	0	0	0	0	0
TOTAL	0	0	1,118	1,272	2,017	2,016	2,017	2,016	0	0	0	0
MAXIMUM DAY	0	0	46	122	185	196	131	171	0	0	0	0
MINIMUM DAY	0	0	24	0	21	26	0	0	0	0	0	0
MEAN	0	0	36	42	65	67	65	65	0	0	0	0
TOTAL AC. FT.	0	0	2,218	2,522	4,000	4,000	4,000	4,000	0	0	0	0
WHOLE YEAR:-	TOTAL,	10,456	MAX.,	196	MIN.,	0	MEAN,	29	TOTAL AC.FT.,	20,740		

Year: 2008

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	4	5	13	17	19	26	0	0	0	0
2	0	0	3	7	14	23	19	7	0	0	0	0
3	0	0	5	6	12	27	18	5	0	0	0	0
4	0	0	5	14	8	30	18	13	0	0	0	0
5	0	0	5	6	12	16	17	20	0	0	0	0
6	0	0	6	5	12	4	11	17	0	0	0	0
7	0	0	5	9	12	5	18	17	0	0	0	0
8	0	0	6	9	13	5	18	17	0	0	0	0
9	0	0	5	13	13	5	19	17	0	0	0	0
10	0	0	5	13	13	5	18	5	0	0	0	0
11	0	0	6	17	14	4	19	19	0	0	0	0
12	0	0	5	18	12	5	17	16	0	0	0	0
13	0	0	5	13	12	5	10	16	0	0	0	0
14	0	0	5	16	13	5	3	15	0	0	0	0
15	0	0	5	15	6	5	0	6	0	0	0	0
16	0	0	4	13	7	5	0	6	0	0	0	0
17	0	0	5	11	8	4	0	6	0	0	0	0
18	0	0	5	0	8	5	0	2	0	0	0	0
19	0	0	6	0	6	6	6	5	0	0	0	0
20	0	0	6	0	6	5	3	6	0	0	0	0
21	0	0	7	0	5	6	13	5	0	0	0	0
22	0	0	6	0	7	6	18	7	0	0	0	0
23	0	0	6	0	6	6	16	6	0	0	0	0
24	0	0	6	0	5	6	7	5	0	0	0	0
25	0	0	5	0	3	9	0	5	0	0	0	0
26	0	0	6	0	3	18	0	6	0	0	0	0
27	0	0	6	0	4	18	0	6	0	0	0	0
28	0	0	6	0	5	16	0	5	0	0	0	0
29	0	0	7	0	4	14	7	13	0	0	0	0
30	0	0	5	0	28	18	3	0	0	0	0	0
31	0	0	7	0	18	0	3	0	0	0	0	0
TOTAL	0	0	168	190	302	303	302	303	0	0	0	0
MAXIMUM DAY	0	0	7	18	28	30	19	26	0	0	0	0
MINIMUM DAY	0	0	3	0	3	4	0	0	0	0	0	0
MEAN	0	0	5	6	10	10	10	10	0	0	0	0
TOTAL AC. FT.	0	0	333	377	600	600	600	600	0	0	0	0
WHOLE YEAR:-	TOTAL,	1,568	MAX.,	30	MIN.,	0	MEAN,	4	TOTAL AC.FT.,	3,110		

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

YEAR: 2008

Quantities in acre-feet

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
+ Treatment Plant via Calloway Canal	1234	1313	2200	2374	2700	2868	1513	3098	2656	2313	1551	1180	25000
+ Calloway Canal Operational Losses	218	208	228	228	245	232	131	238	202	164	145	111	2350
+ Calloway Canal Below "99"	44	16	14	20	22	18	44	16	22	42	73	28	359
+ 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	1496	1537	2442	2622	2967	3118	1688	3352	2880	2519	1769	1319	27709
+ Treatment Plant via Beardsley Canal	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Beardsley Canal Diversion Losses	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Cross Valley Canal System Loss/Storage	0	0	0	0	0	0	0	0	0	0	0	0	0
+ North Kern WSD via Beardsley Canal	0	0	0	0	559	0	0	0	0	0	0	0	559
+ Sub-total Beardsley Canal	0	0	0	0	559	0	0	0	0	0	0	0	559
+ 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
+ via Kern Island Canal	0	0	0	1611	1317	653	0	2943	1198	0	0	0	7722
+ Truxtun Lakes	0	0	0	0	0	0	0	0	0	0	44	77	121
+ Anvin-Edison WSD Turnout	0	0	0	0	0	1567	3330	422	0	0	0	0	5319
+ Carrier Canal Loss/Spdng.	0	0	0	0	0	54	85	6	0	0	57	81	283
+ Sub-total via Carrier Canal	0	0	0	1611	1317	2274	3415	3371	1188	0	101	158	13445
+ River Loss/Spdng. Above Calloway Weir	883	638	785	759	679	121	56	228	569	540	458	659	6371
+ River Spreading Below Calloway Weir	0	0	0	0	0	0	46	1000	0	0	1068	0	2112
+ Sub-total River Loss/Spreading	883	638	785	759	679	121	102	1228	569	540	1522	659	8483
+ The Park at River Walk	0	0	0	0	0	0	0	0	0	0	0	0	0
= Improvement District #4 Total Diverted	2379	2175	3227	4992	5522	5513	5205	7949	4647	3059	3392	2136	50196
+ Kern-Tulare WD Basic Contract	0	0	2218	2522	4000	4000	4000	4000	0	0	0	0	20740
+ Rag Gulch WD Basic Contract	0	0	333	377	600	600	600	600	0	0	0	0	3110
+ Sub-total K-TWD/RGWD Basic Contract	0	0	2551	2899	4600	4600	4600	4600	0	0	0	0	23850
+ Kern-Tulare WD 2008 Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Rag Gulch WD 2008 Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Sub-total K-TWD/RGWD '08 Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0
+ City Truxtun Lake Exchange	0	0	0	0	0	0	0	0	0	0	0	0	0
+ City Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Sub-total City of Bakersfield	0	0	0	0	0	0	0	0	0	0	0	0	0
+ North Kern WSD Exchange (Category "A")	0	0	0	0	0	0	0	0	0	0	730	1958	2688
+ North Kern WSD Exchange (Category "B")	0	450	0	90	0	0	0	0	0	0	0	0	540
+ North Kern WSD (2006 Water Exchange)	0	0	0	1229	0	0	0	0	3479	1164	647	178	6687
+ North Kern WSD (2007 Water Exchange)	2379	1112	0	0	0	0	0	0	0	0	0	0	3491
+ North Kern WSD (2008 Water Exchange)	0	0	0	0	0	20	189	239	67	0	0	0	515
+ North Kern WSD Exchange (Parkway Well Program)	0	0	0	0	0	0	0	1000	0	0	1068	0	2086
+ Kern Island Instantaneous Exchange	0	613	676	774	922	893	416	922	1101	1895	949	0	9161
+ Hacienda WD Exchange	0	0	0	0	0	0	0	1188	0	0	0	0	1188
= Improvement District #4 Total Supply	2379	2175	3227	4992	5522	5513	5205	7949	4647	3059	3392	2136	50196

Year: 2008

Total Flow via the Rosedale Channel at Head (All Sources)
(Diverted from Kern River 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	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	MAX.,	0	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	0	0	0

ROSEDALE RIO BRAVO WATER STORAGE DISTRICT

Hydrographic and Accounting Report by City of Bakersfield

Year: 2008

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	Basic Contract acre-feet Sold at \$1.00	Miscellaneous acre-feet Sold at \$6.00	Miscellaneous 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
January	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	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
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0

5,722 = Current Escalator = 5,722	2007
\$0.00 = Totals = \$0.00	2008
	2005
	2004
	Preceding Four Years

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 1978 agreement (52.8 = 1-82 base index).
- (h) Delivered during periods of Kern River Mandatory Release when designated by U.S. Army Corps of Engineers.

53,660	0	Five Year Totals
10,732	0	Five Year Averages
2,723	2,723	Current Escalator
\$16.34	\$57.18	Current Price per acre-foot
\$175,360.88	\$0.00	Five Year Average Sales
\$175,360.88		May 31, 2009 Payment

ROSEDALE RBWSD DIVERSION RECAPITULATION

Quantities in acre-feet

YEAR: 2008

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

City of Bakersfield Basic Contract	+	0	0	0	0	0	0	0	0	0	0	0	0
City of Bakersfield Miscellaneous	+	0	0	0	0	0	0	0	0	0	0	0	0
Hacienda WD Exchange	+	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista WSD Exchange	+	0	0	0	0	0	0	0	0	0	0	0	0
Buena Vista WSD Purchase	+	0	0	0	0	0	0	0	0	0	0	0	0
Kern River Mandatory Release	+	0	0	0	0	0	0	0	0	0	0	0	0
Friant-Kern Floodwater	+	0	0	0	0	0	0	0	0	0	0	0	0
Kern-Tulare WD Exchange	+	0	0	0	0	0	0	0	0	0	0	0	0
Arvin-Edison WSD Exchange	+	0	0	0	0	0	0	0	0	0	0	0	0
Total Supply	=	0	0	0	0	0	0	0	0	0	0	0	0

STATUS OF CONTRACT

per terms of
ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT
Service Agreement, dated August 31, 1961.

Quantities in acre-feet

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

- (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**

Year: 2008

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
City Entitlement + or - Release	1,305	1,193	20,870	20,667	26,378	21,145	11,963	2	0	833	1,190	1,230	106,466
Lake Ming	16	16	44	60	77	105	127	121	91	65	42	26	790
North Kern Water Storage District	0	0	0	0	0	5,000	5,000	10,000	0	0	0	0	20,000
Cawelo Water District	0	0	1,475	2,921	4,759	7,476	6,132	5,400	0	0	0	0	28,163
Kern-Tulare Water District	0	0	2,218	2,522	4,000	4,000	4,000	4,000	0	0	0	0	20,740
Rag Gulch Water District	0	0	333	377	600	600	600	600	0	0	0	0	3,110
Rosedale Rio Bravo WSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Kern River Canal & Irrigating Co.	0	0	0	0	0	0	0	0	0	0	60	222	282
Truxtun Lakes	0	44	0	0	0	0	0	0	0	0	0	0	44
The Park at River Walk	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	0	0	0	0	0
Isabella Reservoir Loss	105	103	257	542	781	1,284	1,460	988	641	475	247	176	7,059
River Transportation Loss	32	87	(2)	485	1,474	1,896	1,403	951	0	(1)	2	1	6,328
Total Basic Commitments	153	250	4,325	6,907	11,891	20,361	18,722	22,060	732	539	351	425	86,516

Total City Miscellaneous Water.....	19,950
Rosedale Rio Bravo WSD 1/3 Share.....	6,850

Misc. Water Delivered to RRBWSD	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0

Over (Under) City Miscellaneous Water Obligation.....	(6,660)
Prior Year Miscellaneous Water Delivery Balance.....	(16,880)
Cumulative Miscellaneous Water Delivery Balance.....	(23,530)

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)
2007	256	85	0	(85)	(16,880)
2008	19,950	6,650	0	(6,650)	(23,530)

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: 2008

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kern River Entitlement	240	117	175	1,745	4,083	2,482	0	0	0	0	0	0	8,842
Release	18	0	0	0	0	0	0	0	0	0	0	0	18
ENTITLEMENT + OR - RELEASE	258	117	175	1,745	4,083	2,482	0	0	0	0	0	0	8,860
Oilfield Discharge	0	0	0	0	0	0	0	0	0	0	0	0	0
From City of Bakersfield	0	0	0	0	0	0	0	0	0	0	60	222	282
From NKWSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Into Isabella Storage	186	72	26	617	2,017	987	0	0	0	0	0	0	3,905
From Isabella Storage	173	387	561	230	0	107	927	947	682	732	688	205	5,639
To City of Bakersfield	0	0	0	0	0	0	0	0	0	0	0	0	0
To NKWSD in Isabella Storage	72	0	0	0	0	0	0	0	0	0	0	0	72
DIVERTED AT HEAD	173	432	710	1,358	2,066	1,602	927	947	682	732	748	427	10,804
Irrigation Deliveries	65	120	318	488	454	455	586	519	314	219	216	2	3,756
North Garden Treatment Plant	82	215	257	258	305	308	253	317	298	438	447	367	3,545
NKWSD at Seventh Standard Line	0	35	54	523	1,225	744	0	0	0	0	0	0	2,581
Spreading Deliveries	0	0	0	0	0	0	0	0	0	0	0	0	0
Canal Loss	26	62	81	89	82	95	88	111	70	75	85	58	922
Irrigation Delivery Percentage	85%	86%	89%	93%	96%	94%	91%	88%	90%	90%	89%	86%	68%
Into Isabella Storage	186	72	26	617	2,017	987	0	0	0	0	0	0	3,905
Isabella Evaporation Loss	95	85	117	137	161	272	319	351	300	220	99	67	2,223
From Isabella Storage	173	387	561	230	0	107	927	947	682	732	688	205	5,639
Transfer in Storage	0	0	0	0	0	0	0	0	0	0	0	0	0
End of Month Isabella Storage	8,883	8,483	7,831	8,081	9,937	10,545	9,299	8,001	7,019	6,067	5,280	5,008	

SOUTH FORK DIVERSION RIGHT SUMMARY

Year: 2008

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Kem River Entitlement	153	551	64	214	274	226	14	0	0	0	52	109	1,657
Release	(153)	0	45	273	200	127	0	0	0	402	14	(109)	799
Entitlement + or - Releases	0	551	109	487	474	353	14	0	0	402	66	0	2,456
Into Isabella Storage	0	551	109	487	474	353	14	0	0	402	66	0	2,456
From Isabella Storage	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
Total Deliveries	0	0	0	0	0	0	0	0	0	0	0	0	0
Old South Fork	0	0	0	0	0	0	0	0	0	0	0	0	0
Panama Ranch	0	0	0	0	0	0	0	0	0	0	0	0	0
Into Isabella Storage	0	551	109	487	474	353	14	0	0	402	66	0	2,456
From Isabella Storage	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer in Storage	0	0	0	0	0	0	0	0	0	0	2,456	0	2,456
End of Month Isabella Storage	600	1,151	1,260	1,747	2,221	2,574	2,588	2,588	2,588	2,990	600	600	2,456

DISCHARGE IN CUBIC FEET PER SECOND **City of Bakersfield Diverted to California Water Service Company** **Year: 2008**
Bakersfield Water Treatment Plant

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15	15	13	14	20	21	25	26	27	25	7	13
2	14	15	14	15	20	21	25	26	27	23	12	14
3	15	15	12	15	19	23	26	25	27	22	18	13
4	14	6	0	15	19	22	28	25	27	24	25	13
5	15	15	1	15	19	21	28	26	28	23	18	13
6	14	16	2	15	20	22	28	26	28	18	17	13
7	14	14	12	15	19	22	28	25	27	19	18	13
8	14	14	11	21	19	22	27	26	28	20	18	13
9	14	13	11	22	20	23	26	26	28	23	17	13
10	14	13	12	20	19	22	26	27	28	23	18	13
11	15	13	13	17	18	23	27	27	28	23	18	13
12	15	13	13	18	20	22	27	27	28	20	18	14
13	15	14	13	17	19	23	20	25	27	18	18	13
14	15	14	14	15	20	23	16	26	28	19	18	13
15	15	14	12	15	21	24	13	27	24	19	18	13
16	15	14	12	14	21	24	17	27	25	18	18	13
17	15	14	12	15	21	23	17	27	23	19	18	14
18	16	13	13	19	21	23	25	26	22	18	18	14
19	16	12	13	19	21	23	26	27	24	18	18	14
20	16	13	13	19	21	24	26	27	25	19	18	14
21	15	13	13	20	19	24	23	27	26	18	18	14
22	15	13	13	19	20	24	26	28	25	19	18	14
23	15	13	13	20	20	24	27	27	25	19	18	14
24	15	12	13	19	20	24	26	26	26	18	18	14
25	14	11	13	19	20	24	27	26	25	18	16	13
26	9	13	13	19	20	25	27	28	25	19	13	14
27	15	14	13	19	19	24	26	28	25	18	13	14
28	13	13	13	20	20	27	27	27	25	18	13	14
29	14	12	13	20	20	26	26	28	24	19	14	14
30	15	-	13	19	21	25	26	27	25	18	13	14
31	15	-	14	-	20	-	28	27	-	18	-	14
TOTAL	451	384	360	528	616	698	769	823	781	613	495	419
MAXIMUM DAY	16	16	14	22	21	27	28	28	28	25	18	14
MINIMUM DAY	9	6	0	14	18	21	13	25	22	18	7	13
MEAN	15	13	12	18	20	23	25	27	26	20	17	14
TOTAL AC. FT.	894	761	713	1,048	1,222	1,385	1,526	1,632	1,549	1,215	982	831
WHOLE YEAR:-	TOTAL,	6,937	MAX.,	28	MIN.,	0	MEAN,	19	TOTAL AC.FT.,	13,758		

DISCHARGE IN CUBIC FEET PER SECOND **City of Bakersfield Diverted to California Water Service Company** **Year: 2008**
Kernville Water System

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	1	1	1	1	0	1	1	1	0
2	0	1	1	0	0	1	1	1	1	0	0	1
3	1	0	0	1	1	0	0	1	0	1	0	0
4	0	0	0	0	0	1	1	0	1	0	0	0
5	0	0	1	1	1	1	1	1	1	1	1	0
6	0	1	0	0	0	0	0	1	0	0	0	1
7	0	0	0	1	1	1	1	0	1	1	0	0
8	0	0	1	0	0	1	1	1	1	0	0	0
9	1	0	0	1	1	0	0	1	0	1	0	0
10	0	0	0	0	0	1	1	0	1	0	1	0
11	0	1	1	1	1	1	1	1	1	1	0	0
12	0	0	0	0	0	0	0	1	0	0	0	1
13	1	0	0	1	1	1	1	0	1	1	0	0
14	0	0	0	0	0	1	1	1	0	0	1	0
15	0	0	1	1	1	1	0	1	1	0	0	0
16	0	1	0	0	0	0	0	0	0	1	0	1
17	0	0	0	1	1	1	1	1	1	0	1	0
18	1	0	1	0	0	1	1	1	0	0	0	0
19	0	0	0	1	1	1	1	0	1	1	0	0
20	0	0	0	1	1	0	0	1	0	0	1	0
21	0	1	0	0	0	1	1	1	1	0	0	0
22	1	0	1	1	1	1	1	0	0	1	0	1
23	0	0	0	0	1	1	0	1	1	0	1	0
24	0	0	0	1	0	0	1	1	0	0	0	0
25	0	0	0	1	1	1	1	0	1	1	0	0
26	1	1	1	0	1	1	0	1	0	0	1	0
27	0	0	0	1	0	1	1	1	1	0	0	1
28	0	0	0	0	1	0	1	0	0	1	0	0
29	0	0	0	1	1	1	0	1	1	0	0	0
30	0	-	1	0	0	1	1	1	0	0	1	0
31	1	-	0	-	1	-	1	0	-	1	-	1
TOTAL	7	6	9	16	18	22	21	20	17	13	9	7
MAXIMUM DAY	1	1	1	1	1	1	1	1	1	1	1	1
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	1	1	1	1	1	1	0	0	0
TOTAL AC. FT.	15	13	19	32	36	43	41	41	35	26	17	13
WHOLE YEAR:-	TOTAL,	165	MAX.,	1	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	331		

City of Bakersfield Diverted to Olcese Water District
(Pursuant to Agreement No. 99-05 W.B. dated June 30, 1999) **Year: 2008**

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	1	0	1	1	2	2	2	2	1	0	0
2	0	0	1	1	2	2	2	2	2	1	1	0
3	0	0	0	1	1	2	2	2	2	1	0	0
4	0	0	1	2	2	2	2	2	2	2	0	0
5	0	0	1	1	2	2	2	3	2	1	1	1
6	0	1	0	1	1	2	2	2	2	1	0	0
7	1	0	1	1	2	2	2	2	2	1	0	1
8	0	1	1	2	1	2	2	2	2	1	1	0
9	0	0	0	1	2	3	2	2	2	1	0	1
10	0	1	1	1	2	2	2	2	1	2	1	0
11	0	0	1	1	1	2	2	2	2	1	0	0
12	0	1	1	2	2	2	2	2	2	1	1	0
13	0	0	0	1	1	2	1	2	2	1	0	0
14	1	0	1	1	2	2	0	3	1	1	0	0
15	0	1	1	1	1	2	0	2	2	1	1	0
16	0	0	1	2	1	2	2	2	2	2	0	0
17	0	0	0	1	2	2	2	2	2	1	0	0
18	0	1	1	1	2	3	2	2	1	1	1	0
19	0	0	1	2	2	2	2	2	2	1	0	0
20	0	0	1	1	2	2	2	2	2	1	0	0
21	1	0	0	1	1	2	2	2	2	2	1	0
22	0	0	1	1	2	2	2	2	1	1	0	0
23	0	0	1	2	2	2	2	2	2	1	0	0
24	0	1	1	1	2	2	2	2	2	1	1	0
25	0	0	1	1	1	2	2	3	2	1	0	0
26	1	0	1	1	2	2	2	2	1	1	0	0
27	0	1	1	2	2	2	2	2	2	2	0	0
28	0	0	1	1	2	3	2	2	2	1	0	0
29	1	1	1	1	2	2	2	2	2	1	0	1
30	0	-	1	2	2	2	2	2	1	1	0	0
31	0	-	1	-	2	-	2	2	-	1	-	0
TOTAL	5	10	24	38	52	63	57	65	54	36	9	4
MAXIMUM DAY	1	1	1	2	2	3	2	3	2	2	1	1
MINIMUM DAY	0	0	0	1	1	2	0	1	1	1	0	0
MEAN	0	0	1	1	2	2	2	2	2	1	0	0
TOTAL AC. FT.	9	19	48	75	104	125	113	129	107	71	18	7
WHOLE YEAR:-	TOTAL,	417	MAX.,	3	MIN.,	0	MEAN,	1	TOTAL AC.FT.,	825		

Year: 2008

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	0	1	1	0	0	0	0
2	0	0	0	1	0	1	0	1	1	0	0	0
3	0	0	0	0	1	0	1	0	0	0	0	0
4	0	0	1	1	0	1	0	1	1	0	0	0
5	0	0	0	0	1	0	1	0	0	0	0	0
6	0	0	0	1	0	1	0	1	1	0	0	0
7	0	0	0	0	1	0	1	1	0	0	0	0
8	0	0	0	1	0	1	0	0	1	1	0	0
9	0	0	0	0	1	0	1	1	0	0	0	0
10	0	0	1	1	0	1	0	0	1	1	0	0
11	0	0	0	0	1	0	1	1	0	0	0	0
12	0	0	0	1	0	1	0	0	1	0	0	0
13	0	0	0	0	1	0	1	1	0	1	0	0
14	0	0	0	1	0	1	0	0	1	0	1	0
15	0	0	0	0	1	0	0	1	0	0	0	0
16	0	0	1	1	0	1	1	1	1	0	0	0
17	0	0	0	0	1	0	0	0	0	0	0	0
18	0	0	0	1	0	1	1	1	1	1	0	0
19	0	0	0	0	1	0	1	0	0	0	0	0
20	0	0	0	1	0	1	0	1	1	0	1	0
21	0	0	1	0	1	1	1	0	0	1	0	0
22	0	0	0	1	0	0	1	1	1	0	0	0
23	0	0	0	0	1	1	0	1	0	0	0	0
24	0	0	0	0	1	0	1	0	1	1	0	0
25	0	0	1	0	0	1	1	1	0	0	0	0
26	0	0	0	1	1	0	0	0	1	0	0	0
27	0	0	0	0	0	1	1	1	0	1	0	0
28	0	0	0	1	1	0	1	0	1	0	0	0
29	0	0	1	0	0	1	0	1	0	0	0	0
30	0	0	0	1	1	1	1	1	1	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	6	15	15	16	17	18	15	7	2	0
MAXIMUM DAY	0	0	1	1	1	1	1	1	1	1	1	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	1	0	1	1	1	1	0	0	0
TOTAL AC. FT.	0	0	12	29	29	32	33	35	30	15	4	0
WHOLE YEAR:-	TOTAL,	111	MAX.,	1	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	219		

Year: 2008

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	9	99	77	0	0	0	0
2	0	0	0	0	0	40	103	62	0	0	0	0
3	0	0	0	0	0	74	102	27	0	0	0	0
4	0	0	0	0	0	105	103	111	0	0	0	0
5	0	0	0	0	0	85	91	94	0	0	0	0
6	0	0	0	0	0	0	50	43	0	0	0	0
7	0	0	0	0	0	0	99	0	0	0	0	0
8	0	0	0	0	0	0	97	0	0	0	0	0
9	0	0	0	0	0	0	96	0	0	0	0	0
10	0	0	0	0	0	0	100	33	0	0	0	0
11	0	0	0	0	0	0	106	67	0	0	0	0
12	0	0	0	0	0	0	94	52	0	0	0	0
13	0	0	0	0	0	0	35	17	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	19	0	0	0	0
17	0	0	0	0	0	0	0	71	0	0	0	0
18	0	0	0	0	0	0	16	126	0	0	0	0
19	0	0	0	0	0	0	47	160	0	0	0	0
20	0	0	0	0	0	0	19	135	0	0	0	0
21	0	0	0	0	0	0	96	34	0	0	0	0
22	0	0	0	0	0	0	134	0	0	0	0	0
23	0	0	0	0	0	0	119	0	0	0	0	0
24	0	0	0	0	0	0	52	0	0	0	0	0
25	0	0	0	0	0	27	0	0	0	0	0	0
26	0	0	0	0	0	100	0	0	0	0	0	0
27	0	0	0	0	0	100	0	0	0	0	0	0
28	0	0	0	0	0	82	0	0	0	0	0	0
29	0	0	0	0	0	64	0	0	0	0	0	0
30	0	0	0	0	0	104	0	0	0	0	0	0
31	0	0	0	0	0	0	21	0	0	0	0	0
TOTAL	0	0	0	0	0	790	1,679	1,128	0	0	0	0
MAXIMUM DAY	0	0	0	0	0	105	134	160	0	0	0	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	26	54	36	0	0	0	0
TOTAL AC. FT.	0	0	0	0	0	1,567	3,330	2,237	0	0	0	0
WHOLE YEAR:-	TOTAL,	3,597	MAX.,	160	MIN.,	0	MEAN,	10	TOTAL AC.FT.,	7,134		

Total Water Spread in City of Bakersfield's 2800 Acre Recharge Facility
 (All Sources, All Entities) Year: 2008

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	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	MAX.,	0	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	0	0	0

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

Year: 2008

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	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 MAX., 0 MIN., 0 MEAN, 0 TOTAL AC.FT., 0											

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

Year: 2008

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	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	MAX.,	0	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	0	0	0

Cross Valley Canal - Turnout #3 to Kern River Channel
(As reported by Kern County Water Agency) **Year: 2008**

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	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	MAX.,	0	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	0	0	0

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

Year: 2008

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	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
					MIN.,	0	MEAN,	0	TOTAL AC.FT.,			
						0						0

NORTH KERN WATER STORAGE DISTRICT



Beardsley Canal
at Head of Lined Section

NORTH KERN WATER STORAGE DISTRICT

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
NKWSR River Entitlement	2,126	7,379	2,481	12,662	28,565	15,926	562	0	0	0	67	48	69,816
Release	6,429	52	0	0	0	0	0	0	0	534	11,248	12,712	30,975
ENTITLEMENT + OR - RELEASE	8,555	7,431	2,481	12,662	28,565	15,926	562	0	0	534	11,315	12,760	100,791
From KRC & Irr. Company	72	35	54	523	1,225	744	0	0	0	0	0	0	2,653
From City of Bakersfield	0	0	0	0	0	5,000	5,000	10,000	0	0	0	0	20,000
From Isabella Reservoir Storage	573	3,095	10,259	3,207	300	1,765	11,195	8,103	11,025	5,156	411	178	55,267
From Improvement District No. 4	0	0	0	0	559	0	0	0	0	0	0	0	559
From Buena Vista WSD	0	0	0	0	0	0	0	0	0	0	0	0	0
From Kern Delta WD	160	0	0	0	0	0	0	0	0	0	0	0	160
To City of Bakersfield	0	0	0	0	0	0	0	0	0	0	0	0	0
To Improvement District #4	2,379	1,562	0	1,319	0	20	189	1,239	3,546	1,164	2,443	2,136	15,997
To Cawelo WD	0	115	0	0	0	0	0	0	1,361	581	260	0	2,317
To Kern Delta WD	0	0	0	0	0	0	0	0	0	0	0	0	0
Into Isabella Reservoir Storage	5,393	1,710	0	4,948	18,318	11,354	4,522	9,883	0	107	3,425	7,236	66,896
Other	0	0	0	0	0	0	0	0	0	0	0	4	4
TOTAL DIVERTED FROM RIVER	1,588	7,174	12,794	10,125	12,331	12,061	12,046	6,981	6,118	3,838	5,598	3,570	94,224
Loss to Seventh Standard Line	76	98	70	60	62	60	61	61	60	64	106	125	903
NKWSR Deep Well Production	0	0	0	8,197	14,414	15,933	16,609	14,521	11,701	11,256	994	0	93,625
Non-District Deep Well Production	0	0	0	0	0	835	1,224	1,061	561	581	260	0	4,522
Poso Creek Natural Flow	0	0	0	0	0	0	0	0	0	0	0	0	0
Friant-Kern Inflow to Poso Creek	0	0	0	0	0	0	0	0	0	0	0	0	0
Friant-Kern Inflow to 8-1-0 Lateral	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosedale Ranch Improvement District	0	0	0	0	0	0	0	0	0	0	0	0	0
Semitropic WSD via Poso Creek	0	0	0	0	0	0	0	0	0	0	0	0	0
CVC Conduit "A" Inflow	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DISTRICT SUPPLY	1,512	7,076	12,724	18,262	26,683	28,769	29,818	22,502	18,320	15,611	6,746	3,445	191,468

Class 1 Irrigation Deliveries	220	3,293	5,972	8,366	13,475	15,445	16,325	12,252	7,492	6,619	2,162	1,357	92,978
Class 2 Irrigation Deliveries	379	2,367	3,674	6,423	9,126	9,287	9,296	5,746	4,736	3,935	1,759	282	57,010
Semitropic WSD Irrigation Deliveries	0	0	0	0	0	0	40	1,244	2,529	1,599	0	0	5,412
Shafter-Wasco ID Irrigation Deliveries	0	0	115	689	1,222	0	0	0	0	593	210	0	2,829
Kern-Tulare WD Irrigation Deliveries	0	0	0	0	0	0	0	0	0	361	0	0	361
Friant-Kern Canal Pump-In Deliveries	0	0	0	0	0	1,078	1,232	845	903	895	61	0	5,014
TOTAL IRRIGATION USE	599	5,660	9,761	15,478	23,823	25,810	26,893	20,087	15,660	14,002	4,192	1,639	163,804
District Spreading Ponds (Kern)	0	0	0	0	0	0	0	0	0	0	1,480	904	2,384
District Spreading Ponds (Other)	0	0	0	0	0	0	0	0	0	0	0	0	0
Poso Creek Spreading (Kern)	0	0	0	0	0	0	0	0	0	0	103	0	103
Poso Creek Spreading (Other)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DISTRICT SPREADING	0	0	0	0	0	0	0	0	0	0	1,583	904	2,487
TOTAL DISTRICT USE	599	5,660	9,761	15,478	23,823	25,810	26,893	20,087	15,660	14,002	5,775	2,543	166,091
Total NKWSR Canal Loss	913	1,418	2,963	2,784	2,860	2,959	2,925	2,415	2,680	1,609	971	902	25,377

Into Reservoir Storage	5,393	1,710	0	4,948	18,318	11,354	4,522	9,883	0	107	3,425	7,236	66,896
Reservoir Evaporation Loss	403	381	472	470	674	1,439	1,691	2,084	1,558	1,004	510	403	11,089
From Reservoir Storage	573	3,095	10,259	3,207	300	1,765	11,195	8,103	11,025	5,156	411	178	55,267
END OF MONTH RESERVOIR STORAGE	40,575	38,809	28,078	29,349	46,693	54,843	46,479	46,175	33,592	27,539	30,043	36,698	

Year: 2008

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

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	87	188	237	232	212	459	202	235	105	91	92
2	0	56	223	240	123	305	487	179	284	99	118	49
3	0	202	296	233	85	370	468	217	316	118	195	37
4	0	179	326	196	147	339	418	262	280	104	204	32
5	0	57	327	213	307	298	313	277	259	128	157	32
6	0	69	331	272	334	284	377	190	202	118	103	34
7	0	109	306	315	343	197	395	205	226	123	65	56
8	0	129	199	376	271	268	422	246	291	154	55	160
9	0	87	129	424	145	396	467	255	236	181	96	154
10	0	93	136	457	116	457	471	230	170	180	156	162
11	0	116	157	362	204	386	369	284	129	142	171	158
12	0	125	197	202	325	309	244	321	145	113	156	121
13	0	143	190	146	339	237	289	304	212	117	160	46
14	0	145	196	127	330	173	411	277	283	146	160	50
15	51	143	192	88	358	306	439	206	305	111	152	64
16	53	146	186	108	275	449	396	157	282	104	159	55
17	53	145	190	131	139	434	324	227	204	94	168	54
18	50	155	226	219	314	428	241	358	162	107	79	49
19	50	188	198	308	457	374	211	367	130	100	67	43
20	55	209	192	342	444	338	289	232	143	91	63	41
21	53	173	196	277	408	227	325	177	172	82	49	45
22	51	136	192	189	400	307	348	135	177	74	45	43
23	57	134	225	185	364	487	344	141	122	78	47	40
24	58	135	285	147	226	462	332	220	97	79	70	43
25	48	130	351	107	258	404	238	253	97	95	85	51
26	30	132	364	121	362	380	215	274	94	94	113	59
27	33	138	354	184	395	352	290	260	97	94	123	57
28	48	145	328	218	384	283	382	210	107	91	110	51
29	59	169	307	281	379	365	409	225	125	98	112	45
30	71	-	293	274	338	428	373	201	116	119	97	43
31	68	-	238	-	211	-	321	191	-	83	-	49
TOTAL	888	3,875	7,518	6,979	9,013	10,255	11,067	7,283	5,698	3,422	3,426	2,015
MAXIMUM DAY	71	209	364	457	457	487	487	367	316	181	204	162
MINIMUM DAY	0	56	129	88	85	173	211	135	94	74	45	32
MEAN	29	134	243	233	291	342	357	235	190	110	114	65
TOTAL AC. FT.	1,761	7,686	14,912	13,842	17,877	20,340	21,951	14,446	11,302	6,787	6,795	3,997
WHOLE YEAR:-	TOTAL	71,439	MAX.,	487	MIN.,	0	MEAN,	195	TOTAL AC.FT.,	141,696		

Total Diverted via
Cross Valley Canal Conduit "A" Year: 2008

DISCHARGE IN CUBIC FEET PER SECOND	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
DATE												
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

Year: 2008

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	0	76	181	220	216	203	445	184	222	89	83	81
2	0	49	216	226	106	290	473	158	268	83	109	38
3	0	195	285	219	76	351	454	197	297	103	175	26
4	0	170	313	184	140	323	405	244	264	97	185	21
5	0	46	313	202	293	279	299	258	238	117	140	21
6	0	58	316	264	322	264	363	172	189	103	82	23
7	0	100	294	303	330	178	382	194	219	108	49	45
8	0	122	192	356	260	256	408	238	277	138	40	149
9	0	79	122	404	130	376	450	246	224	166	80	143
10	0	86	124	438	103	440	453	221	156	164	130	151
11	0	108	143	350	196	371	354	274	118	132	149	147
12	0	118	188	188	305	292	225	309	131	103	130	110
13	0	137	179	136	320	219	274	294	205	101	138	35
14	0	135	179	296	308	155	402	260	276	129	140	40
15	48	134	174	74	339	288	433	189	287	97	137	53
16	46	139	175	90	256	427	382	141	268	92	148	44
17	49	138	180	113	123	416	310	210	190	80	151	46
18	47	145	216	200	295	411	230	334	145	97	68	41
19	46	177	187	296	438	356	199	342	117	90	51	36
20	52	200	179	328	427	321	276	210	136	75	52	34
21	50	164	186	259	389	212	315	152	163	69	38	37
22	41	129	184	171	387	292	335	117	165	56	34	36
23	45	127	217	167	350	473	327	120	108	64	36	33
24	50	128	263	130	216	448	315	205	81	61	59	40
25	41	123	333	87	250	389	221	228	82	82	74	48
26	23	125	346	109	349	365	198	248	80	84	107	52
27	27	126	335	168	382	337	278	240	84	82	112	49
28	41	127	310	205	371	269	366	189	96	81	99	44
29	44	156	294	265	367	351	389	207	109	82	104	36
30	60	-	281	260	327	414	355	185	99	103	89	35
31	53	-	220	-	199	-	302	178	-	63	-	42
TOTAL	763	3,617	7,125	6,521	8,570	9,766	10,618	6,744	5,294	2,991	2,989	1,736
MAXIMUM DAY	60	200	346	438	438	473	473	342	297	166	185	151
MINIMUM DAY	0	46	122	74	76	155	198	117	80	56	34	21
MEAN	25	125	230	217	276	326	343	218	176	96	100	56
TOTAL AC. FT.	1,512	7,173	14,134	12,933	16,999	19,370	21,062	13,377	10,500	5,933	5,927	3,445
WHOLE YEAR:-	TOTAL,	66,734	MAX.,	473	MIN.,	0	MEAN,	182	TOTAL AC.FT.,	132,365		

NORTH KERN WATER STORAGE DISTRICT LERDO CANAL OPERATIONS

Year: 2008

Quantities in acre-feet

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Total Beardsley Canal Supply +	1,761	7,686	14,912	13,842	17,877	20,340	21,981	14,446	11,302	6,787	6,795	3,997	141,696
+ C.V.C. Conduit "A" Reverse Flow	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Lined Section Loss: ID4	0	0	0	0	0	0	0	0	0	0	0	0	0
= ID4 from Beardsley	0	0	0	0	0	0	0	0	0	0	0	0	0
+ KRC & Irr. Co. Laterals	105	258	409	437	414	449	407	695	400	492	621	367	5,054
+ KRC & Irr. Co. Boosters	42	81	186	292	281	341	299	191	222	179	67	2	2,183
+ Lined Section Loss: KRC & Irr. Co.	26	58	61	60	61	60	61	61	60	61	60	58	687
= KRC & Irr. Co. from Beardsley	173	397	656	789	756	850	767	947	682	732	748	427	7,924
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	18	52	60	60	60	61	61	60	58	14	0	504
Lined Section Loss: NKWSD	76	98	70	60	62	60	61	61	60	64	106	125	903
Lerdo Canal Total Flow =	1,512	7,173	14,134	12,933	16,999	19,370	21,062	13,377	10,500	5,933	5,927	3,445	132,365
KRC & Irr. Co. via 8-1-0	0	0	0	46	85	8	160	47	0	0	0	0	346
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	0	0	0	0	0	0	0	0	0	0
K-TWD/RGWD via 8-17-0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cawelo WD Well Water Inflow	0	0	44	16	52	190	169	210	198	207	69	0	1,155
+ Cawelo WD Via NKWSD	0	0	0	0	0	0	0	0	0	0	0	0	0
+ Cawelo WD Delivered at Sta. "B"	0	0	1,008	2,322	4,119	6,343	7,478	5,090	3,951	1,801	409	0	32,521
+ Cawelo WD Lerdo Turnouts	0	95	430	484	528	1,123	1,507	1,451	641	543	91	0	6,893
+ Lerdo Loss: to Station "B"	0	0	10	23	41	64	75	51	40	18	4	0	326
+ Lerdo Loss: Lerdo Turnout Deliveries	0	2	6	9	9	21	26	28	8	4	0	0	113
= Cawelo WD Total from Lerdo	0	97	1,454	2,838	4,697	7,551	9,098	6,620	4,640	2,366	504	0	39,853
North Kern WSD from Lerdo =	1,512	7,076	12,724	10,065	12,269	12,001	11,985	6,920	6,058	3,774	5,492	3,445	93,321

Year: 2008

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	27	24	27	39	47	49	56	53	54	42	30	22
2	27	27	30	45	50	55	57	55	46	43	46	22
3	34	22	41	41	48	59	53	49	52	45	39	22
4	34	21	43	39	47	50	50	53	49	42	29	26
5	22	27	45	43	48	51	48	64	52	37	30	26
6	25	20	45	40	49	49	48	58	53	44	31	20
7	28	23	40	41	54	49	49	58	54	42	35	24
8	22	26	38	37	48	54	52	60	54	43	32	28
9	21	23	37	40	52	53	58	57	53	35	32	21
10	23	26	40	33	49	54	50	56	48	37	29	20
11	24	25	33	38	51	45	51	57	51	34	33	26
12	26	29	35	49	46	48	49	55	51	41	30	24
13	27	31	35	53	43	50	54	58	44	36	29	22
14	23	32	38	50	56	54	17	59	45	44	31	22
15	29	31	36	44	54	48	0	60	56	35	33	23
16	20	25	27	43	52	54	0	56	46	46	32	24
17	23	32	38	53	55	47	0	50	52	35	33	20
18	24	28	44	46	53	54	0	56	51	41	33	22
19	24	26	45	40	55	57	0	53	44	45	35	23
20	19	29	41	42	51	51	0	50	45	44	28	22
21	26	22	40	39	49	59	0	47	44	43	27	18
22	21	23	43	47	48	56	0	58	44	45	31	17
23	19	24	40	48	43	57	0	50	46	43	29	19
24	19	25	46	42	43	57	0	49	47	43	21	20
25	23	31	42	48	32	55	0	54	45	44	24	23
26	19	27	42	44	37	49	0	53	43	41	23	19
27	29	27	45	56	44	51	0	54	48	44	21	17
28	26	36	39	52	47	52	0	51	47	44	23	19
29	21	33	51	46	48	51	48	52	47	33	25	19
30	26	-	41	44	51	54	56	51	41	37	18	15
31	23	-	44	-	46	-	55	54	-	42	-	20
TOTAL	754	775	1,231	1,322	1,496	1,572	851	1,690	1,452	1,270	892	665
MAXIMUM DAY	34	36	51	56	56	59	58	64	56	46	46	28
MINIMUM DAY	19	20	27	33	32	45	0	47	41	33	18	15
MEAN	24	27	40	44	48	52	27	55	48	41	30	21
TOTAL AC. FT.	1,496	1,537	2,442	2,622	2,967	3,118	1,688	3,352	2,880	2,519	1,769	1,319
WHOLE YEAR:-	TOTAL,	13,970	MAX.,	64	MIN.,	0	MEAN,	38	TOTAL AC.FT.,	27,709		

Year: 2008

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	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
	MIN.,	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

North Kern Water Storage District
Class 1 Irrigation Deliveries

DISCHARGE IN CUBIC FEET PER SECOND

Year: 2008

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	11	67	115	274	112	311	247	192	132	58	8
2	0	21	43	118	222	205	385	229	158	123	11	5
3	0	10	137	114	206	298	345	150	172	116	38	2
4	0	12	124	88	60	294	223	244	145	61	64	2
5	0	35	166	51	199	280	301	270	158	11	67	2
6	0	58	137	23	243	214	139	295	198	49	103	16
7	0	74	122	136	255	260	297	242	92	88	85	10
8	0	46	66	209	176	132	310	238	161	112	83	33
9	0	44	10	165	134	260	340	199	140	184	23	34
10	0	22	60	166	171	316	303	100	137	171	32	53
11	0	50	68	126	55	273	360	245	140	109	26	44
12	0	59	90	89	201	225	195	271	160	65	28	38
13	0	84	95	23	277	251	140	210	132	121	30	23
14	0	101	114	87	304	293	308	171	43	156	25	23
15	0	72	51	129	260	137	353	200	103	106	2	53
16	0	50	20	152	252	317	297	198	122	108	0	46
17	3	38	61	142	255	227	202	132	118	142	24	54
18	4	82	63	134	85	300	185	272	137	207	12	41
19	2	66	88	314	292	300	286	203	144	29	38	34
20	2	75	194	277	302	274	154	177	110	106	74	23
21	4	78	143	304	254	215	296	211	18	108	73	9
22	4	73	122	104	222	151	256	145	123	106	44	21
23	12	34	12	125	276	371	220	222	119	127	21	21
24	14	25	114	139	259	328	258	127	152	110	52	10
25	0	52	127	115	78	319	268	196	108	74	30	0
26	0	56	159	103	293	215	262	151	101	23	20	9
27	0	115	167	64	225	338	163	173	73	126	0	8
28	17	126	173	219	235	351	277	205	28	142	11	7
29	12	91	109	169	287	152	293	200	138	129	7	13
30	17	-	31	218	259	379	268	168	155	114	9	22
31	20	-	78	-	183	-	236	86	-	82	-	20
TOTAL	111	1,660	3,011	4,218	6,794	7,787	8,231	6,177	3,777	3,337	1,090	684
MAXIMUM DAY	20	126	194	314	304	379	385	295	198	207	103	54
MINIMUM DAY	0	10	10	23	55	112	139	86	18	11	0	0
MEAN	4	57	97	141	219	260	266	199	126	108	36	22
TOTAL AC. FT.	220	3,293	5,972	8,366	13,475	15,445	16,325	12,252	7,492	6,619	2,162	1,357
WHOLE YEAR:-	TOTAL,	46,877	MAX.,	385	MIN.,	0	MEAN,	128	TOTAL AC.FT.,	92,978		

North Kern Water Storage District
 Class 2 Irrigation Deliveries
 Year: 2008

DISCHARGE IN CUBIC FEET PER SECOND

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	13	22	77	114	69	178	125	97	55	61	12
2	0	13	36	80	146	149	162	111	103	122	19	5
3	0	11	55	64	107	178	198	74	104	114	35	5
4	0	15	59	61	43	194	161	117	118	69	37	1
5	0	37	68	32	139	176	168	112	109	10	50	7
6	0	33	87	28	169	159	84	83	70	54	59	7
7	0	25	117	114	136	172	193	80	50	23	56	2
8	0	35	107	124	156	59	191	99	135	16	8	7
9	0	25	47	194	128	161	193	99	106	33	0	7
10	0	21	72	175	156	184	174	100	91	109	54	7
11	0	23	60	138	70	189	170	123	95	51	56	10
12	0	14	72	42	189	180	158	130	104	10	46	10
13	0	30	67	33	174	189	97	135	90	30	22	4
14	0	27	41	95	146	183	221	107	39	24	22	0
15	0	34	28	97	213	78	206	90	83	77	15	7
16	0	35	29	139	189	191	158	97	105	76	8	4
17	6	29	59	119	189	175	125	31	98	55	52	4
18	11	69	52	91	69	165	184	97	83	20	39	4
19	11	46	49	151	159	176	183	92	81	4	44	4
20	12	57	64	162	138	180	97	114	47	43	33	4
21	10	63	45	201	171	140	133	54	30	44	41	0
22	9	55	16	80	190	66	136	95	82	98	22	13
23	10	47	3	104	194	180	146	80	70	139	15	13
24	11	32	77	94	118	205	144	43	62	140	36	0
25	11	67	80	104	56	184	124	70	62	82	32	0
26	20	62	130	81	165	148	102	115	62	30	11	0
27	11	72	103	41	210	137	93	103	73	87	0	1
28	10	73	85	170	203	161	100	90	25	101	8	1
29	15	130	53	165	156	93	132	90	73	72	3	2
30	27	-	12	182	156	161	156	98	41	115	3	1
31	17	-	57	-	152	-	120	43	-	81	-	0
TOTAL	191	1,193	1,952	3,238	4,601	4,682	4,687	2,897	2,388	1,984	887	142
MAXIMUM DAY	27	130	130	201	213	205	221	135	135	140	61	13
MINIMUM DAY	0	11	3	28	43	59	84	31	25	4	0	0
MEAN	6	41	60	108	148	156	151	93	80	64	30	5
TOTAL AC. FT.	379	2,367	3,674	6,423	9,126	9,287	9,296	5,746	4,736	3,935	1,759	282
WHOLE YEAR:-	TOTAL,	28,742	MAX.,	221	MIN.,	0	MEAN,	79	TOTAL AC.FT.,	57,010		

Year: 2008

Poso Creek as Measured at Highway "99" (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	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	MAX.,	0	MIN.,	0	MEAN,	0	TOTAL AC.FT.,	0	0	0

NORTH KERN WATER STORAGE DISTRICT STATUS OF EXCHANGE

As Reported by North Kern Water Storage District

Year: 2008

Quantities in acre-feet

Prior Year Status	NICKEL LLC		CAWELO 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		WESTLANDS WD		POSO LLC		DELANO- EARLHART 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	from	to	from	to	
January	0	8,363	0	1,710	0	57,701	0	18,569	0	7,287	6,426	0	0	3,989	0	43,404	0	6,078	0	25,063	0	21,500	0	9,000	0	8,262	0	20,104	0	
February	0	0	0	0	2,405	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
March	0	0	0	0	1,566	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
April	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May	0	0	0	0	0	559	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	34	0	1,078	1,078	0	0	0	0	0	0	0	0	250	250	0	250	250	0	1,078	0	0	0	0	0	250	0
July	0	0	0	0	206	0	1,232	1,232	0	0	0	0	0	0	0	0	0	62	62	40	82	0	1,232	0	0	0	0	0	0	
August	1,283	0	0	0	1,185	0	845	845	0	0	0	0	0	0	0	0	1,781	1,283	857	857	0	845	0	0	0	0	0	0	0	
September	2,775	0	1,381	581	3,546	0	903	903	0	0	0	0	0	0	0	581	0	2,775	1,381	1,354	0	903	0	0	0	0	0	0	0	
October	2,428	0	581	581	1,164	0	1,256	1,256	0	0	0	0	0	0	0	581	0	1,816	2,428	954	785	0	1,256	0	0	0	0	0	0	
November	817	0	280	280	2,350	817	271	271	0	0	0	0	0	0	0	280	0	0	0	210	210	0	271	0	0	0	0	0	0	
December	1,089	0	0	0	9,021	1,089	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	8,350	0	2,317	1,402	22,776	2,445	5,585	5,585	0	0	0	0	0	0	0	1,402	0	6,484	5,728	3,528	0	5,585	0	8,262	0	0	0	250	0	

Current Status	0	43	0	785	0	37,370	0	18,569	0	7,287	6,426	0	0	3,989	0	42,002	0	6,078	0	22,863	0	21,500	0	3,415	0	0	0	0	20,354
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Notes: 1) Includes Isabella Reservoir evaporation loss attributable to exchange supply held within North Kern WSD Isabella Reservoir storage when applicable.
 2) Reflects 90% of gross water delivered as per Section 2 "Delivery of WWD Water to NKWSD" of the December 5, 2006 Agreement for Water Exchange by and between North Kern Water Storage District and Westlands Water District.
 3) Denotes assignment of Friant-Kern water spread in North Kern WSD to the Semitropic Water Storage District water bank for subsequent recovery on behalf of Poso LLC as per terms of SWSD letter agreement dated December 21, 2006.

NORTH KERN WATER STORAGE DISTRICT

IMPROVEMENT DISTRICT NO. 4

WATER EXCHANGE RECAPITULATION

Quantities in acre-feet

Year: 2008

	CATEGORY "A"		CATEGORY "B"		2006 "HACIENDA" EXCHANGE		2007 EXCHANGE		2008 EXCHANGE		PARKWAY WELL EXCHANGE		EXCHANGE TOTALS	
	to 1)	from	to	from	to 1)	from	to 1)	from	to 1)	from	to 2)	from	to	from
<i>Prior Year Status 3)</i>	0	27,229	0	540	0	26,411	0	3,521	0	0	0	0	0	57,701
January	0	0	0	0	0	0	2,405	0	0	0	0	0	2,405	0
February	0	0	450	0	0	0	1,116	0	0	0	0	0	1,566	0
March	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	0	0	90	0	1,229	0	0	0	0	0	0	0	1,319	0
May	0	0	0	0	0	0	0	0	0	559	0	0	0	559
June	0	0	0	0	0	0	0	0	34	0	0	0	34	0
July	0	0	0	0	0	0	0	0	206	0	0	0	206	0
August	0	0	0	0	0	0	0	0	252	0	913	0	1,165	0
September	0	0	0	0	3,479	0	0	0	67	0	0	0	3,546	0
October	0	0	0	0	1,164	0	0	0	0	0	0	0	1,164	0
November	730	0	0	0	647	0	0	0	0	0	973	817	2,350	817
December	8,123	0	0	0	898	0	0	0	0	0	0	1,069	9,021	1,069
Total	8,853	0	540	0	7,417	0	3,521	0	559	559	1,886	1,886	22,776	2,445
 <i>Current Status</i>	 0	 18,376	 0	 0	 0	 18,994	 0	 0	 0	 0	 0	 0	 0	 37,370

Notes:

- 1) Includes Isabella Reservoir evaporation loss attributable to exchange supply held within NKWSD Isabella Reservoir storage when applicable.
- 2) Exchange water delivery reflects a 6% Kern River Channel spreading loss rate and assignment of 56 AcFt of Cross Valley Canal transportation losses.
- 3) Category "A" prior year balance increased by 6,123 acre-feet to include December 2006 SWP exchange delivery from ID4 to North Kern WSD.

NORTH KERN WATER STORAGE DISTRICT

IMPROVEMENT DISTRICT NO. 4 WATER EXCHANGE SUMMARY

Status as of 12-31-2008

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	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	20,640	(30,958)	2006	339	879	(540)	(31,498)
2007	3,729	0	(27,229)	2007	0	0	(540)	(27,769)
2008	8,853	0	(18,376)	2008	540	0	0	(18,376)
Totals	107,806	126,182		Totals	45,194	45,194		

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)

DISCHARGE IN CUBIC FEET PER SECOND

Year: 2008

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	60	28	0	0	0	0	0	0	131	18	33	38
2	49	30	0	0	0	0	0	0	98	23	44	36
3	43	35	0	0	0	0	0	0	77	26	29	39
4	57	19	0	0	0	0	0	0	96	21	21	36
5	33	26	0	0	0	0	0	0	97	15	17	35
6	38	11	0	0	0	0	0	0	84	19	18	33
7	36	26	0	0	0	0	0	0	55	28	23	35
8	25	26	0	0	0	0	0	0	48	26	19	45
9	28	19	0	0	0	0	0	0	67	11	21	39
10	33	23	0	0	0	0	0	0	114	18	21	34
11	35	24	0	0	0	0	0	0	87	12	23	42
12	42	28	0	0	0	0	0	0	89	16	19	51
13	52	31	0	0	0	0	0	0	41	22	21	43
14	45	35	0	0	0	0	0	0	42	13	29	34
15	43	29	0	0	0	0	0	0	49	10	19	30
16	34	26	0	0	0	0	0	0	44	28	22	37
17	34	28	0	20	0	0	0	0	93	30	41	29
18	31	27	0	118	0	0	0	0	80	42	111	31
19	44	30	0	43	0	0	0	0	67	43	97	35
20	42	26	0	40	0	0	0	0	47	16	100	37
21	48	24	0	36	0	0	0	0	43	15	103	31
22	45	25	0	47	0	0	0	0	37	12	75	31
23	35	31	0	47	0	0	0	0	40	14	67	37
24	29	33	0	45	0	0	0	0	26	14	17	32
25	25	34	0	45	0	0	0	0	18	19	35	32
26	26	24	0	43	0	0	0	0	20	19	81	27
27	36	27	0	53	0	0	0	0	25	13	62	27
28	35	28	0	42	0	0	0	0	25	17	21	29
29	40	35	0	42	0	0	0	73	26	2	22	32
30	38	-	0	44	0	10	38	324	22	8	20	28
31	38	-	0	-	0	-	57	228	-	17	-	32
TOTAL	1,199	788	0	665	0	10	95	625	1,788	587	1,231	1,077
MAXIMUM DAY	60	35	0	118	0	10	57	324	131	43	111	51
MINIMUM DAY	25	11	0	0	0	0	0	0	18	2	17	27
MEAN	39	27	0	22	0	0	3	20	60	19	41	35
TOTAL AC. FT.	2,379	1,562	0	1,319	0	20	189	1,239	3,546	1,164	2,443	2,136
WHOLE YEAR:-	TOTAL,	8,065	MAX.,	324	MIN.,	0	MEAN,	22	TOTAL AC.FT.,	15,997		

DISCHARGE IN CUBIC FEET PER SECOND												Improvement District No. 4 Diverted to North Kern Water Storage District (Does not include deliveries into Isabella Reservoir storage)												Year: 2008											
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	175	0	0	0	0	0	0	0																							
31	0	0	0	0	107	0	0	0	0	0	0	0																							
TOTAL	0	0	0	0	282	0	0	0	0	0	0	0																							
MAXIMUM DAY	0	0	0	0	175	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	9	0	0	0	0	0	0	0																							
NET AC. FT.	0	0	0	0	559	0	0	0	0	0	0	0																							
AC. FT. LOSS	0	0	0	0	0	0	0	0	0	0	0	0																							
TOTAL AC. FT.	0	0	0	0	559	0	0	0	0	0	0	0																							
WHOLE YEAR:-	TOTAL,	282	MAX.,	175	MIN.,	0	MEAN,	1	TOTAL AC.FT.,	559																									

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

Year: 2008

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	10	9	9	0
2	0	0	0	0	0	0	0	0	9	9	27	0
3	0	9	0	0	0	0	0	0	9	9	43	0
4	0	4	0	0	0	0	0	0	9	0	40	0
5	0	0	0	0	0	0	0	0	9	0	0	0
6	0	0	0	0	0	0	0	0	10	29	0	0
7	0	0	0	0	0	0	0	0	10	9	0	0
8	0	0	0	0	0	0	0	0	9	9	0	0
9	0	0	0	0	0	0	0	0	9	10	0	0
10	0	0	0	0	0	0	0	0	44	10	0	0
11	0	0	0	0	0	0	0	0	40	9	0	0
12	0	0	0	0	0	0	0	0	40	10	0	0
13	0	0	0	0	0	0	0	0	108	10	0	0
14	0	0	0	0	0	0	0	0	107	10	0	0
15	0	0	0	0	0	0	0	0	110	9	0	0
16	0	0	0	0	0	0	0	0	20	9	0	0
17	0	0	0	0	0	0	0	0	9	9	0	0
18	0	0	0	0	0	0	0	0	9	10	0	0
19	0	4	0	0	0	0	0	0	9	10	0	0
20	0	4	0	0	0	0	0	0	10	9	0	0
21	0	12	0	0	0	0	0	0	10	9	0	0
22	0	6	0	0	0	0	0	0	10	9	0	0
23	0	4	0	0	0	0	0	0	10	9	0	0
24	0	0	0	0	0	0	0	0	10	10	6	0
25	0	0	0	0	0	0	0	0	9	10	6	0
26	0	0	0	0	0	0	0	0	9	10	0	0
27	0	0	0	0	0	0	0	0	10	10	0	0
28	0	5	0	0	0	0	0	0	10	10	0	0
29	0	10	0	0	0	0	0	0	9	9	0	0
30	0	-	0	0	0	0	0	0	9	9	0	0
31	0	-	0	0	0	0	0	0	-	9	0	0
TOTAL	0	58	0	0	0	0	0	0	686	293	131	0
MAXIMUM DAY	0	12	0	0	0	0	0	0	110	29	43	0
MINIMUM DAY	0	0	0	0	0	0	0	0	9	0	0	0
MEAN	0	2	0	0	0	0	0	0	23	9	4	0
TOTAL AC. FT.	0	115	0	0	0	0	0	0	1,361	581	260	0
WHOLE YEAR:-	TOTAL,	1,168	MAX.,	110	MIN.,	0	MEAN,	3	TOTAL AC.FT.,	2,317		

North Kern Water Storage District
Exchange Deliveries via/for Semitropic WSD
Year: 2008

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	6	42	37	0	0
2	0	0	0	0	0	0	0	6	41	52	0	0
3	0	0	0	0	0	0	0	6	37	57	0	0
4	0	0	0	0	0	0	0	6	40	43	0	0
5	0	0	0	0	0	0	0	6	41	56	0	0
6	0	0	0	0	0	0	0	6	42	51	0	0
7	0	0	0	0	0	0	0	6	42	55	0	0
8	0	0	0	0	0	0	0	6	45	59	0	0
9	0	0	0	0	0	0	0	6	4	59	0	0
10	0	0	0	0	0	0	0	6	4	58	0	0
11	0	0	0	0	0	0	0	6	48	67	0	0
12	0	0	0	0	0	0	0	5	46	55	0	0
13	0	0	0	0	0	0	0	5	45	52	0	0
14	0	0	0	0	0	0	0	5	45	52	0	0
15	0	0	0	0	0	0	0	5	41	53	0	0
16	0	0	0	0	0	0	0	5	52	0	0	0
17	0	0	0	0	0	0	0	5	51	0	0	0
18	0	0	0	0	0	0	0	24	51	0	0	0
19	0	0	0	0	0	0	0	24	50	0	0	0
20	0	0	0	0	0	0	0	24	50	0	0	0
21	0	0	0	0	0	0	0	31	48	0	0	0
22	0	0	0	0	0	0	0	33	51	0	0	0
23	0	0	0	0	0	0	0	30	52	0	0	0
24	0	0	0	0	0	0	0	31	43	0	0	0
25	0	0	0	0	0	0	0	37	41	0	0	0
26	0	0	0	0	0	0	0	44	44	0	0	0
27	0	0	0	0	0	0	0	56	44	0	0	0
28	0	0	0	0	0	0	5	56	46	0	0	0
29	0	0	0	0	0	0	5	51	45	0	0	0
30	0	0	0	0	0	0	5	45	44	0	0	0
31	0	0	0	0	0	0	5	45	0	0	0	0
TOTAL	0	0	0	0	0	0	20	627	1,275	806	0	0
MAXIMUM DAY	0	0	0	0	0	0	5	56	52	67	0	0
MINIMUM DAY	0	0	0	0	0	0	0	5	4	0	0	0
MEAN	0	0	0	0	0	0	1	20	43	26	0	0
TOTAL AC. FT.	0	0	0	0	0	0	40	1,244	2,529	1,599	0	0
WHOLE YEAR:-	TOTAL,	2,728	MAX.,	67	MIN.,	0	MEAN,	7	TOTAL AC.FT.,	5,412		

North Kern Water Storage District
Exchange Deliveries via/for Shafter-Wasco ID

DISCHARGE IN CUBIC FEET PER SECOND

Year: 2008

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	7	22	0	0	0	0	6	12	0
2	0	0	0	7	22	0	0	0	0	21	12	0
3	0	0	0	7	22	0	0	0	0	21	12	0
4	0	0	0	7	22	0	0	0	0	23	11	0
5	0	0	0	7	22	0	0	0	0	22	11	0
6	0	0	0	7	22	0	0	0	0	22	11	0
7	0	0	0	16	22	0	0	0	0	21	11	0
8	0	0	0	16	22	0	0	0	0	21	11	0
9	0	0	0	16	22	0	0	0	0	20	5	0
10	0	0	0	17	22	0	0	0	0	21	5	0
11	0	0	0	12	0	0	0	0	0	20	5	0
12	0	0	0	12	21	0	0	0	0	20	0	0
13	0	0	0	12	20	0	0	0	0	20	0	0
14	0	0	0	12	20	0	0	0	0	20	0	0
15	0	0	0	12	20	0	0	0	0	21	0	0
16	0	0	0	11	20	0	0	0	0	0	0	0
17	0	0	0	11	20	0	0	0	0	0	0	0
18	0	0	0	0	20	0	0	0	0	0	0	0
19	0	0	0	0	20	0	0	0	0	0	0	0
20	0	0	0	0	20	0	0	0	0	0	0	0
21	0	0	0	14	20	0	0	0	0	0	0	0
22	0	0	0	14	21	0	0	0	0	0	0	0
23	0	0	0	14	21	0	0	0	0	0	0	0
24	0	0	0	14	22	0	0	0	0	0	0	0
25	0	0	8	14	22	0	0	0	0	0	0	0
26	0	0	8	14	22	0	0	0	0	0	0	0
27	0	0	9	16	22	0	0	0	0	0	0	0
28	0	0	8	16	22	0	0	0	0	0	0	0
29	0	0	8	21	22	0	0	0	0	0	0	0
30	0	0	8	21	21	0	0	0	0	0	0	0
31	0	0	9	0	0	0	0	0	0	0	0	0
TOTAL	0	0	58	347	616	0	0	0	0	299	106	0
MAXIMUM DAY	0	0	9	21	22	0	0	0	0	23	12	0
MINIMUM DAY	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	2	12	20	0	0	0	0	10	4	0
TOTAL AC. FT.	0	0	115	689	1,222	0	0	0	0	593	210	0
WHOLE YEAR:-	TOTAL,	1,426	MAX.,	23	MIN.,	0	MEAN,	4	TOTAL AC.FT.,	2,829		

North Kern Water Storage District												Year: 2008		
Friant-Kern Canal Pump-In 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	19	13	16	13	0	0		
2	0	0	0	0	0	0	19	13	16	13	0	0		
3	0	0	0	0	0	0	19	13	16	14	0	0		
4	0	0	0	0	0	21	19	13	16	14	0	0		
5	0	0	0	0	0	22	19	13	16	14	0	0		
6	0	0	0	0	0	22	19	13	16	14	5	0		
7	0	0	0	0	0	22	20	14	15	14	5	0		
8	0	0	0	0	0	22	20	14	15	14	5	0		
9	0	0	0	0	0	22	20	14	15	13	5	0		
10	0	0	0	0	0	21	20	14	15	13	5	0		
11	0	0	0	0	0	20	20	14	16	14	6	0		
12	0	0	0	0	0	20	20	18	16	16	0	0		
13	0	0	0	0	0	20	20	18	16	17	0	0		
14	0	0	0	0	0	20	20	18	16	17	0	0		
15	0	0	0	0	0	20	20	18	16	17	0	0		
16	0	0	0	0	0	20	20	18	16	17	0	0		
17	0	0	0	0	0	20	20	18	16	17	0	0		
18	0	0	0	0	0	20	21	18	16	17	0	0		
19	0	0	0	0	0	20	21	18	16	17	0	0		
20	0	0	0	0	0	20	21	18	16	17	0	0		
21	0	0	0	0	0	20	21	18	15	17	0	0		
22	0	0	0	0	0	19	21	10	16	13	0	0		
23	0	0	0	0	0	19	21	10	16	13	0	0		
24	0	0	0	0	0	19	21	10	16	13	0	0		
25	0	0	0	0	0	19	20	10	12	13	0	0		
26	0	0	0	0	0	19	20	10	12	13	0	0		
27	0	0	0	0	0	19	20	10	12	13	0	0		
28	0	0	0	0	0	19	20	10	12	14	0	0		
29	0	0	0	0	0	19	20	10	12	14	0	0		
30	0	0	0	0	0	19	20	9	16	14	0	0		
31	0	0	0	0	0	0	20	9	-	12	-	0		
TOTAL	0	0	0	0	0	543	621	426	455	451	31	0		
MAXIMUM DAY	0	0	0	0	0	22	21	18	16	17	6	0		
MINIMUM DAY	0	0	0	0	0	0	19	9	12	12	0	0		
MEAN	0	0	0	0	0	18	20	14	15	15	1	0		
TOTAL AC. FT.	0	0	0	0	0	1,078	1,232	845	903	895	61	0		
WHOLE YEAR:-	TOTAL,	2,527	MAX.,	22	MIN.,	0	MEAN,	7	TOTAL AC.FT.,	5,014				

**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
2006													
NKWSD to CITY	2,729	0	0	0	0	0	0	0	0	0	0	261	2,990
CITY to NKWSD	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 NKWSD	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

2007

NKWSD to CITY	7,156	278	0	0	0	0	0	0	0	0	0	0	7,434
CITY to NKWSD	0	0	157	0	0	0	0	0	0	0	0	0	157
Other Purchase Rate	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY Debit to NKWSD	44,558	44,836	44,679	44,679	44,679	44,679	44,679	44,679	44,679	44,679	44,679	44,679	44,679

2008

NKWSD to CITY	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY to NKWSD	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Purchase Rate	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY Debit to NKWSD	44,679	44,679	44,679	44,679	44,679	44,679	44,679	44,679	44,679	44,679	44,679	44,679	44,679

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

Quantities in acre-feet

Year: 2008

<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
2007	7,434	157	44,679
2008	0	0	44,679

Notes:

- (1) Carryover from Buena Vista WSD/North Kern WSD River Program Agreement assumed by Conduit (City) as part of Agreement.
- (2) First transaction under NKWSD/Conduit (City) Borrow/Payback Exchange executed in March of 1963.

COST ALLOCATION & WATERMASTER SUMMARIES

CALIFORNIA COOPERATIVE SNOW SURVEYS
**SNOW-SURVEY
SHELTER**
TRAVELERS
FURNISHED BY THE STATE OF CALIFORNIA
DURING THE SNOW SURVEY SEASON
DO NOT TRESPASS
STATE OF CALIFORNIA

Casa Vieja Meadows
Elevation 8,300 ft., Kern River Basin

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

Year: 2008

Quantities in acre-feet

	Year					Five Year Total	Allocation Percentage
	2004	2005	2006	2007	2008		
Carrier Canal at Head	189,266	232,937	251,741	177,744	234,471	1,086,159	99.46%
Oilfield Discharge	0	880	681	3,691	0	5,252	0.48%
Storm Drain Inflow	129	162	65	54	224	634	0.06%
TOTAL CARRIER CANAL FLOW	189,395	233,979	252,487	181,489	234,695	1,092,045	100.00%

Kern Island Canal (1)	137,612	148,478	147,301	121,777	139,810	694,978	63.64%
Eastside Canal	12,285	14,826	13,816	11,805	15,393	68,125	6.24%
Kern Delta WD via Levee #1	26,735	53,371	65,722	12,299	34,813	192,940	17.67%
KERN DELTA WATER DISTRICT TOTAL	176,632	216,675	226,839	145,881	190,016	956,043	87.55%

Via Kern Island Canal	0	0	0	0	7,822	7,822	0.72%
Carrier Waste Gate	202	28	0	0	1,819	2,049	0.19%
Kern River Conduit via Levee #1	12,561	17,276	25,648	35,608	34,938	128,031	11.54%
CITY OF BAKERSFIELD TOTAL	12,763	17,304	25,648	35,608	44,579	135,902	12.45%

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: 2008

	2004	2005	2006	2007	2008	Five Year Total	Allocation Percentage
TOTAL CARRIER CANAL FLOW (1)	62,922	214,510	171,553	51,618	104,813	605,416	100.00%

Stine Canal Total Diverted (2)	15,214	35,290	40,533	3,495	15,166	109,698	18.12%
Arvin-Edison Turnout Total Diverted (2)	0	0	0	0	0	0	0.00%
Buena Vista Canal Total Diverted (2)	20,033	38,233	35,032	8,200	21,946	123,444	20.39%
River Canal Total Diverted (3)	577	167	0	574	0	1,318	0.22%
KERN DELTA WATER DISTRICT TOTAL DIVERTED FROM CARRIER CANAL	35,824	73,690	75,565	12,269	37,112	234,460	38.73%

KERN RIVER CONDUIT (City of Bakersfield)	27,098	140,820	95,988	39,349	67,701	370,956	61.27%
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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
2008

CALLOWAY CANAL USED

Preceding Ten Years

Year	Diverted via Calloway Canal				
	NKWSD	CITY	Subtotal	ID4	TOTAL
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
2007	0	0	0	9,421	9,421
2008	0	0	0	27,709	27,709
Total	136,216	13,077	149,293	212,456	361,749
Percent	91.24%	8.76%	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				
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
2007	74,079	188	74,267	6,581	80,848	51,131	131,979
2008	91,643	0	91,643	10,851	102,494	39,202	141,696
Total	687,720	15,267	702,987	54,984	757,971	279,598	1,037,569
Percent	90.73%	2.02%	92.75%	7.25%	100.00%		

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

Year: 2008

Quantities in acre-feet
except where noted...

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Operating Loss/Spreading	218	208	228	228	245	232	131	238	202	184	145	111	2,350
Treatment Plant	1,234	1,313	2,200	2,374	2,700	2,868	1,513	3,098	2,656	2,313	1,551	1,180	25,000
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	44	16	14	20	22	18	44	18	22	42	73	28	359
Western Reach Flow	0	0	0	0	0	0	0	0	0	0	0	0	0
Trans. Charge Waived	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL DIVERSION	1,488	1,537	2,442	2,622	2,967	3,118	1,688	3,352	2,880	2,519	1,769	1,319	27,709
Base Rate	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	
Escalator	1,808	1,808	1,808	1,808	1,808	1,808	1,808	1,808	1,808	1,808	1,808	1,808	
Current Rate	\$1.36	\$1.36	\$1.36	\$1.36	\$1.36	\$1.36	\$1.36	\$1.36	\$1.36	\$1.36	\$1.36	\$1.36	
SUB-TOTAL CHARGE	\$2,034.56	\$2,090.32	\$3,321.12	\$3,585.92	\$4,035.12	\$4,240.48	\$2,295.68	\$4,558.72	\$3,916.80	\$3,425.84	\$2,405.84	\$1,793.84	\$37,684.24
Bartell Spreading	0	0	0	0	0	0	0	0	0	0	0	0	0
Loss Below Buck Owens Weir	0	0	0	0	0	0	0	0	0	0	0	0	0
NKWSD Exchange Delivery	0	0	0	0	0	0	0	0	0	0	0	0	0
Trans. Charge Waived	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL DIVERSION	0	0	0	0	0	0	0	0	0	0	0	0	0
Current Rate	\$1.36	\$1.36	\$1.36	\$1.36	\$1.36	\$1.36	\$1.36	\$1.36	\$1.36	\$1.36	\$1.36	\$1.36	
SUB-TOTAL CHARGE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL CHARGE	\$2,034.56	\$2,090.32	\$3,321.12	\$3,585.92	\$4,035.12	\$4,240.48	\$2,295.68	\$4,558.72	\$3,916.80	\$3,425.84	\$2,405.84	\$1,793.84	\$37,684.24

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

Quantities in acre-feet

Year: 2008

Canal	2004					2005					2006					2007					2008					Five Year Total	Percentage
Kern Island	133,708					139,507					143,182					118,467					132,487					667,351	26.02%
Eastside	12,285					14,440					13,709					10,962					15,393					66,789	2.60%
Buena Vista	13,183					29,433					28,751					7,338					14,923					93,598	3.65%
Stine	13,482					32,590					30,420					4,725					15,421					96,638	3.77%
Farmers	10,745					18,828					14,820					2,670					13,174					60,237	2.35%
Subtotal Kern Delta WD	183,373					234,798					230,882					144,162					191,398					984,613	38.39%
City of Bakersfield	41,589					276,251					273,271					45,941					56,352					693,404	27.03%
K.R.C. & I. Co. (Beardsley)	9,085					5,673					4,636					6,581					8,270					34,245	1.33%
Central - I.D. #4 (Calloway)	19,126					27,597					20,430					9,421					27,709					104,283	4.07%
James	0					0					0					0					0					0	0.00%
Pioneer	0					0					0					0					0					0	0.00%
Subtotal City of Bakersfield	69,800					309,521					298,337					61,943					92,331					831,932	32.43%
North Kern WSD	104,012					227,488					249,560					73,910					93,665					748,636	29.18%
Total First Point Group	357,185					771,807					778,779					280,015					377,394					2,565,160	100.00%
South Fork	114					112					132					0					0					0	
First Point Passing 2nd Point	0					1,085					11,890					0					0					0	
River Loss and Spreading	28,787					70,808					53,675					15,682					24,167					16,885	
Flow Above First Point	18,107					16,901					18,448					16,243					16,885					16,885	
Total 1st Point Group Diverted	404,193					860,713					862,924					311,940					418,446					418,446	

- Note:

ALL FIGURES REFLECT
GROSS DIVERSIONS...

**KERN RIVER WATERMASTER
ISABELLA RESERVOIR INTER-DISTRICT RENTAL CHARGES**

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

COMPUTED YEAR: 2008

Year	Acre-Foot Days of Irrigation Storage			Isabella O&M Charges (2)
	NKWSD (1)	BVWSD	Total A.F.D.	
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
2007	39,194,639	14,516,962	53,711,601	\$71,928
2008	31,959,978	14,678,042	46,638,020	\$71,928
5-Year Totals	230,225,166	108,167,914	338,393,080	\$359,640

- Interest/Rental Charge on Storage Purchase..... \$1,143,250

(Paragraph 9e, pages 10 and 11)

- Total 5-Year Operation & Interest Charge..... \$1,502,890

Total 5-Year Cost = \$1,502,890 = \$0.0044413

Total 5-Year Use = 338,393,080 = Rental Charge
Per
Acre-Foot Day

TOTAL 2008 HACIENDA WD Acre-Foot Storage Days = 308,210

TOTAL 2008 HACIENDA WD Share of 2008 Storage Costs = \$1,368.85

(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.).

KERN COUNTY RECREATION POOL REPORT FROM THE KERN RIVER WATERMASTER

Quantities in acre-feet
except where noted...

Year: 2008

	Total Storage in Reservoir	Total Water Surface Area (Acres)	Area		Total Reservoir Loss	County of Kern		
			Total Attributable to Rec. Pool (Acres)	Area to Rec. Pool (Acres)		Ming Lake Net Inflow	Recreation Pool Loss	
End of Previous Year	107,442	4,410	910					
January	115,306	4,629	875		863	16	171	
February	131,230	5,052	820		877	16	155	
March	152,041	5,567	755		1,551	44	240	
April	191,043	6,434	655		2,408	60	280	
May	251,901	7,582	540		3,394	77	286	
June	251,446	7,575	540		5,818	105	407	
July	203,176	6,681	630		6,305	127	522	
August	144,323	5,381	780		5,530	121	662	
September	121,769	4,804	855		3,935	91	637	
October	111,237	4,517	890		2,785	65	522	
November	110,830	4,506	895		1,404	42	278	
December	116,888	4,673	870		1,021	26	202	
TOTALS					35,891	790	4,362	

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: 2008

	CALENDAR YEAR				
	FIRST POINT		YEAR		ENTITLEMENT
	REGULATED	NATURAL	NKWS	BWSD	HWD
JANUARY	13,854	22,580	22,417	163	0
To Date	13,854	22,580	22,417	163	0
FEBRUARY	19,952	36,754	36,754	0	0
MARCH	33,806	59,334	59,171	163	0
	34,365	56,727	44,550	12,177	0
APRIL	68,171	118,061	103,721	12,340	0
	39,580	80,991	60,894	20,097	0
	107,751	197,052	164,615	32,437	0
MAY	58,928	123,177	86,684	34,493	0
	166,677	320,229	253,299	66,930	0
JUNE	83,715	89,078	66,423	22,655	0
	250,392	409,307	319,722	89,585	0
JULY	80,059	38,095	31,843	8,252	0
	330,451	447,402	351,565	95,837	0
AUGUST	68,881	15,558	15,540	18	0
	399,332	482,960	387,105	95,855	0
SEPTEMBER	28,848	10,145	10,145	0	0
	428,180	473,105	377,250	95,855	0
OCTOBER	18,787	11,022	11,022	0	0
	446,967	484,127	388,272	95,855	0
NOVEMBER	15,935	16,933	16,933	0	0
	482,902	501,060	405,205	95,855	0
DECEMBER	9,857	16,937	16,937	0	0
Year	472,759	517,997	422,142	95,855	0

1894 to 2008 Mean April-July Runoff = 466,006 acre-feet (100% of Average)
 2008 April-July Runoff = 331,341 acre-feet (71% of Average)

	WATER YEAR				
	FIRST POINT		YEAR		ENTITLEMENT
	REGULATED	NATURAL	NKWS	BWSD	HWD
OCTOBER	12,742	9,951	9,951	0	0
To Date	12,742	9,951	9,951	0	0
NOVEMBER	9,645	10,100	10,100	0	0
	22,387	20,051	20,051	0	0
DECEMBER	11,998	13,065	13,065	0	0
	34,385	33,116	33,116	0	0
JANUARY	13,854	22,580	22,417	163	0
	48,239	55,698	55,533	163	0
FEBRUARY	19,952	36,754	36,754	0	0
	68,191	92,450	82,287	183	0
MARCH	34,365	56,727	44,550	12,177	0
	102,556	148,177	136,837	12,340	0
APRIL	39,580	80,991	60,894	20,097	0
	142,136	230,168	197,731	32,437	0
MAY	58,928	123,177	86,684	34,493	0
	201,082	353,345	286,415	66,930	0
JUNE	83,715	89,078	66,423	22,655	0
	284,777	442,423	352,638	89,585	0
JULY	80,059	38,095	31,843	8,252	0
	384,838	480,518	384,681	95,837	0
AUGUST	68,881	15,558	15,540	18	0
	433,717	498,076	400,221	95,855	0
SEPTEMBER	28,848	10,145	10,145	0	0
Year	482,565	506,221	410,366	95,855	0

1894 to 2008 Mean March-October Runoff = 598,147 acre-feet (100% of Average)
 2008 March-October Runoff = 424,793 acre-feet (71% of Average)

Year: 2008

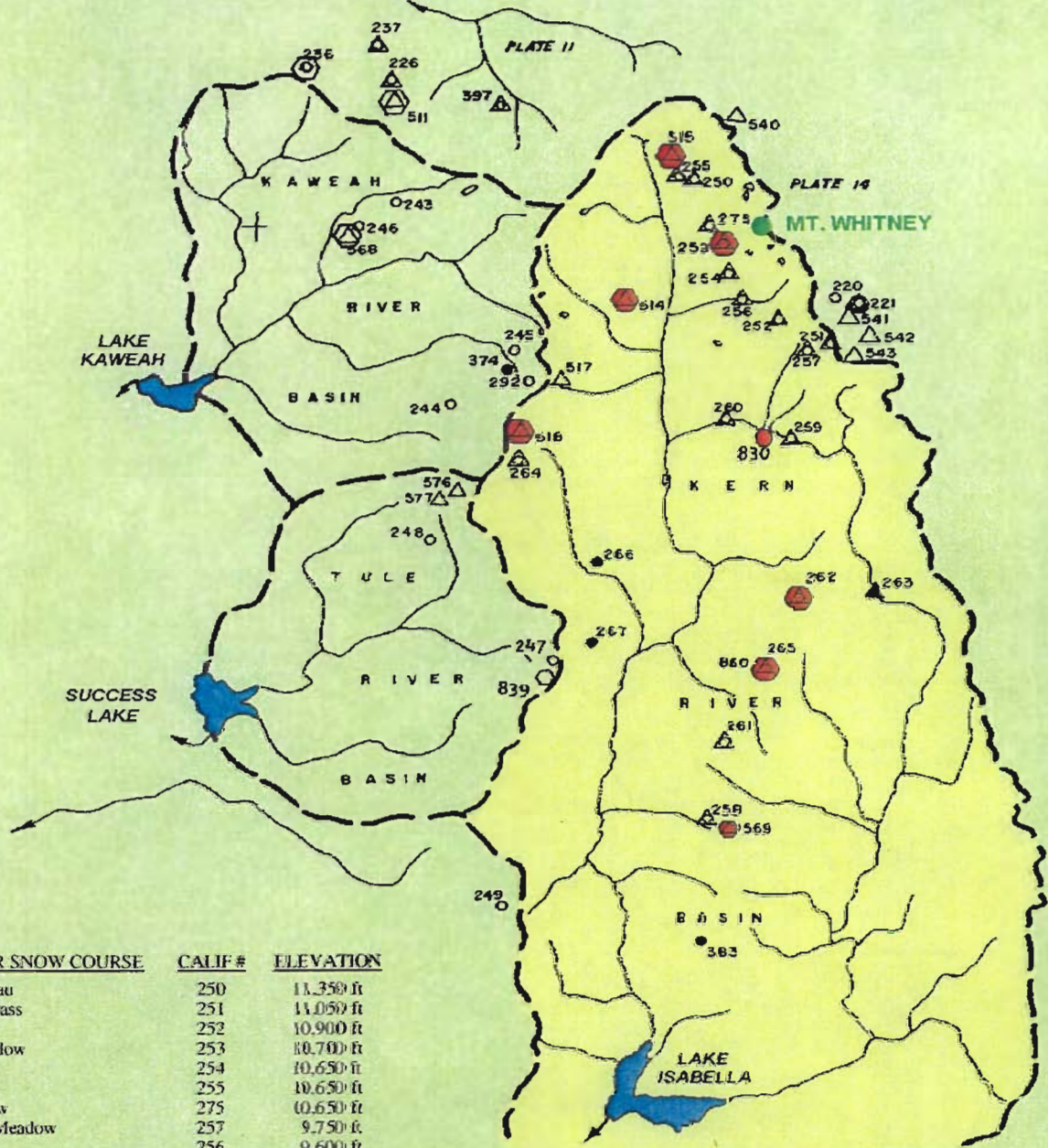
Isabella Dam & Reservoir
Midnight Storage Recapitulation

QUANTITIES IN ACRE-FEET

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	107,442	115,214	132,141	152,934	192,980	252,203	249,707	200,712	143,250	121,384	111,373	110,785
2	107,487	115,306	133,159	153,605	194,863	252,127	247,900	198,532	142,128	121,049	111,507	110,695
3	107,619	116,421	133,670	154,336	196,955	251,977	246,326	196,299	141,064	120,667	111,643	110,605
4	108,017	116,841	134,029	155,067	198,926	252,203	245,054	193,498	140,007	120,381	111,553	110,560
5	111,146	117,075	134,438	156,254	200,448	252,431	243,936	190,658	139,113	120,095	111,462	110,470
6	112,688	117,261	134,592	157,106	201,643	252,811	242,599	187,970	138,326	119,714	111,462	110,291
7	113,374	117,308	134,592	158,189	202,842	253,951	240,968	185,243	137,491	119,383	111,418	110,291
8	113,831	117,449	134,953	158,932	204,447	254,867	239,345	182,354	136,503	118,956	111,462	110,246
9	114,245	117,778	135,520	159,506	206,196	255,249	237,582	179,801	135,572	118,483	111,553	110,246
10	114,614	118,060	135,985	159,793	208,157	255,326	235,244	177,334	134,695	118,060	111,553	110,201
11	114,982	118,296	136,555	160,368	210,129	256,166	233,135	174,644	133,926	117,778	111,462	110,156
12	115,214	118,531	137,438	161,409	211,906	256,626	231,543	172,100	133,261	117,543	111,462	110,112
13	115,399	118,625	138,378	162,976	213,692	257,240	230,028	169,760	132,548	117,261	111,462	110,246
14	115,399	118,909	139,481	164,553	215,280	258,007	228,663	167,616	131,635	116,935	111,507	110,740
15	115,399	119,098	140,430	166,847	217,292	258,392	227,662	165,845	130,674	116,748	111,507	111,011
16	115,399	119,240	141,277	169,043	220,225	258,238	226,599	164,377	129,720	116,514	111,462	111,282
17	115,399	119,383	141,808	170,837	224,102	257,776	225,593	162,918	128,820	116,188	111,373	111,507
18	115,399	119,525	142,234	172,522	228,233	257,240	225,024	160,946	127,974	115,863	111,282	111,734
19	115,306	119,714	142,661	173,793	232,627	256,626	224,244	159,046	127,279	115,492	111,192	111,961
20	115,121	120,190	143,250	175,069	237,802	256,089	223,323	157,503	126,637	115,121	111,056	112,233
21	115,029	120,809	143,892	176,720	241,634	256,319	221,841	156,254	126,046	114,752	110,921	112,416
22	114,936	121,960	144,646	177,888	244,755	256,396	220,155	155,236	125,408	114,337	110,830	112,962
23	114,890	123,360	145,347	178,874	246,999	256,243	218,546	154,336	124,820	113,923	110,785	113,419
24	114,890	125,065	145,943	180,111	248,726	255,785	217,083	153,381	124,333	113,557	110,740	113,739
25	114,936	126,932	146,540	181,354	250,009	255,173	215,696	152,152	123,846	113,190	110,695	114,383
26	115,121	128,122	146,975	182,730	250,764	254,714	214,105	150,930	123,457	112,779	111,011	114,890
27	115,260	129,170	148,012	184,360	251,446	254,180	212,316	149,660	123,022	112,370	110,966	115,260
28	115,492	130,222	148,725	186,381	251,901	253,648	210,333	148,505	122,587	111,961	110,921	115,631
29	115,445	131,230	149,825	188,608	251,977	252,811	208,157	147,139	122,153	111,598	110,876	116,048
30	115,399	-	151,041	191,043	251,901	251,446	205,724	145,672	121,769	111,327	110,830	116,514
31	115,306	-	152,041	-	251,901	-	203,176	144,323	-	111,237	-	116,888
MAXIMUM DAY	115,492	131,230	152,041	191,043	251,977	258,392	249,707	200,712	143,250	121,384	111,643	116,888
MINIMUM DAY	107,442	115,214	132,141	152,934	192,980	251,446	203,176	144,323	121,769	111,237	110,695	110,112

KERN RIVER BASIN

Drainage Basin Above Lake Isabella = 2,074 Square Miles



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

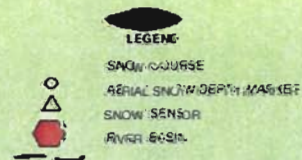
Bighorn Plateau	250	11,350 ft
Cottonwood Pass	251	11,050 ft
Siberian Pass	252	10,900 ft
Crabtree Meadow	253	10,700 ft
Guyot Flat	254	10,650 ft
Tyndall Creek	255	10,650 ft
Sandy Meadow	275	10,650 ft
Big Whitney Meadow	257	9,750 ft
Rock Creek	256	9,600 ft
Round Meadow	258	9,000 ft
Ramshaw Meadow	259	8,700 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	257	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 2008

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 NATURAL FLOW	MEAN STORAGE		KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW		PRIANT-KERN INFLOW DAY
		WINDMIGHT STORAGE	S.F.D.				LOSS	AT 1ST POINT		REGULATED	RECREATION POOL + DEAD STORAGE = 16,218 S.F.D. (30,184 ACFT)			TOTAL	IRRIGATION	
Previous Day	2548.36	107,442	54,169	22	145	161	183	183	183	54,169	38,951	5	0	0	0	0
1	2548.36	107,442	54,169	33	157	173	206	206	206	54,169	38,951	7	0	0	0	0
2	2548.37	107,487	54,191	34	140	155	211	211	220	54,200	38,982	7	0	0	0	0
3	2548.40	107,619	54,258	19	135	152	238	229	229	54,258	39,040	4	0	0	0	0
4	2548.49	108,017	54,459	3	143	157	361	361	361	54,459	39,241	1	0	0	0	0
5	2548.19	111,146	58,038	3	163	178	1,758	1,758	1,758	58,038	40,818	1	0	0	0	0
6	2549.53	112,888	58,814	2	127	142	822	822	822	58,814	41,598	0	0	0	0	0
7	2549.68	113,374	57,159	14	127	142	501	501	501	57,159	41,941	3	0	0	0	0
8	2549.78	113,831	57,380	11	120	135	377	374	374	57,387	42,169	2	0	0	0	0
9	2549.87	114,245	57,599	16	129	144	389	384	384	57,591	42,373	3	0	0	0	0
10	2549.95	114,814	57,785	11	133	149	345	345	369	57,791	42,573	2	0	0	0	0
11	2550.03	114,982	57,970	11	151	167	363	363	336	57,949	42,731	2	0	0	0	0
12	2550.08	115,214	58,067	10	159	174	301	301	327	58,092	42,874	2	0	0	0	0
13	2550.12	115,399	58,180	17	180	206	316	316	287	58,156	42,938	3	0	0	0	0
14	2550.12	115,399	58,180	25	203	219	244	244	282	58,194	42,978	5	0	0	0	0
15	2550.12	115,399	58,180	16	254	270	286	286	275	58,183	42,995	3	0	0	0	0
16	2550.12	115,399	58,180	19	280	275	284	284	282	58,181	42,993	4	0	0	0	0
17	2550.12	115,399	58,180	19	282	278	297	297	302	58,188	42,988	4	0	0	0	0
18	2550.12	115,399	58,180	25	272	289	314	314	294	58,196	42,948	5	0	0	0	0
19	2550.10	115,308	58,133	22	279	296	271	271	271	58,119	42,901	4	0	0	0	0
20	2550.08	115,121	58,040	16	288	305	228	228	265	58,063	42,845	3	0	0	0	0
21	2550.04	115,029	57,994	17	310	327	288	288	266	57,985	42,787	3	0	0	0	0
22	2550.02	114,936	57,947	13	281	307	273	273	280	57,945	42,727	2	0	0	0	0
23	2550.01	114,890	57,924	5	271	286	288	288	279	57,933	42,715	1	0	0	0	0
24	2550.01	114,890	57,924	2	280	285	287	287	295	57,931	42,713	0	0	0	0	0
25	2550.02	114,936	57,947	8	273	288	319	319	314	57,949	42,731	2	0	0	0	0
26	2550.06	115,121	58,040	16	206	217	326	326	304	58,020	42,802	3	0	0	0	0
27	2550.09	115,260	58,110	8	175	190	288	288	306	58,128	42,910	2	0	0	0	0
28	2550.14	115,492	58,227	3	191	205	325	325	276	58,196	42,978	1	0	0	0	0
29	2550.13	115,445	58,204	8	234	249	234	234	285	58,224	43,006	2	0	0	0	0
30	2550.12	115,399	58,180	13	280	306	295	295	275	58,180	42,982	2	0	0	0	0
31	2550.10	115,308	58,133	16	284	310	279	279	279	56,133	42,915	3	0	0	0	0
TOTAL SECOND FOOT DAYS				435	6,507	478	6,985	11,384	11,384	58,133	42,915	86	0	0	0	0
TOTAL ACRE-FEET				863	12,908	948	13,854	22,580	22,580	115,308	85,122	171	0	0	0	0

By: *AKL*

Date: February 21, 2008

REPORT OF THE KERN RIVER WATERMASTER

JANUARY 2008

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
January	5	2	BVWSD FLOW - PIONEER PROJECT	Delivered as per terms of Paragraph 5 (d) of the December 18, 1988 Pioneer Project Joint Operating Agreement.

SNOW SURVEY DATA FOR KERN RIVER BASIN

Date: February 1, 2008

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		518	11,400	27.7	1-27	60.0	27%	15.9	57%	DWR
Bighorn Plateau		250	11,350	23.7	1-26	50.0	28%	13.2	56%	DWR
Cottonwood Pass		251	11,050	14.8	2-04	44.0	28%	11.5	78%	DWR
Siberian Pass		252	10,900	20.0	1-31	50.5	30%	15.0	75%	DWR
Crabtree Meadow		253	10,700	19.6	1-29	61.9	25%	15.3	78%	DWR
Guyot Flat		254	10,650	20.8	1-30	62.5	26%	16.1	77%	DWR
Tyndall Creek		255	10,650	16.8	1-28	64.0	26%	16.8	89%	DWR
Sandy Meadows		275	10,650	19.2	1-29	62.0	25%	15.5	81%	DWR
Chagooopa Plateau		514	10,300	21.8						
Big Whitney Meadow		257	9,750	17.2	2-01	53.7	28%	14.9	87%	DWR
Rock Creek		258	9,600	17.8	1-30	61.5	28%	16.0	90%	DWR
Round Meadow		589	9,150	24.9	2-01	67.3	28%	17.7	71%	USFS
		258	9,000	24.1	2-01	60.2	29%	17.3	72%	USFS
		518	8,950	30.3						
Wet Meadow		830	8,900	15.6	2-01	50.0	25%	12.4	78%	DWR
Tunnel Guard		259	8,700	11.5	2-01	48.2	28%	12.8	111%	DWR
Ramshaw Meadows		260	8,500	12.9	2-02	52.0	28%	14.7	114%	DWR
Little Whitney Meadow		264	8,350	18.9						
Culm Ranger Station		261	8,300	13.8	2-01	51.0	28%	13.1	98%	USFS
Bonita Meadows		262	8,300	19.8	1-31	60.0	26%	15.6	78%	USFS
Casa Vieja Meadows		282	8,300	20.9						
Beach Meadows		265	7,650	8.3	2-01	36.1	27%	9.9	118%	USFS
Dead Horse Meadow		860	7,650	11.0	2-01	40.1	26%	10.5	95%	USFS
		249	7,300	10.7						

CALIFORNIA COOPERATIVE SNOW SURVEYS FORECAST as of FEBRUARY 1, 2008 for KERN RIVER INFLOW TO ISABELLA RESERVOIR...

April-July = 430,000 ac-ft (83% of Average) *** Water Year = 600,000 ac-ft (82% of Average)

80 Percent Probability Range (Actual runoff should fall within the stated limits eight times out of ten)...

April-July = 280,000 AcFt (81% of Average) to 810,000 AcFt (197% of Average) *** Water Year = 400,000 AcFt (55% of Average) to 1,210,000 AcFt (202% of Average)

REPORT OF THE KERN RIVER WATERMASTER

FEBRUARY 2008

Quantities in S.F.D. except where noted

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		FRONT-KERN INFLOW	
	ELEVATION (FEET)	MIDNIGHT STORAGE					ACRE-FEET	S.F.D.		REGULATED FLOW	REGULATED FLOW			RECREATION POOL + Dead Storage	TOTAL IRRIGATION		RIVER
Previous Day	2550.10	115,306	58,133	18	294	310	279	277	278	58,133	42,915	3	0	0	0	0	
1	2550.08	115,214	58,087	14	292	309	277	277	277	56,087	42,989	3	0	0	0	0	
2	2550.10	115,306	58,133	11	275	291	348	348	348	58,133	42,915	2	0	0	0	0	
3	2550.34	116,421	58,898	3	502	518	1,084	1,084	1,084	58,898	43,478	1	0	0	0	0	
4	2550.43	116,841	58,907	8	418	425	644	644	644	58,907	43,699	1	0	0	0	0	
5	2550.48	117,075	59,025	11	295	310	439	443	443	59,029	43,611	2	0	0	0	0	
6	2550.52	117,261	59,119	12	327	345	451	439	439	59,111	43,893	2	0	0	0	0	
7	2550.53	117,308	59,143	10	378	383	427	452	452	59,160	43,942	2	0	0	0	0	
8	2550.56	117,449	59,214	12	380	398	479	488	488	59,220	44,002	2	0	0	0	0	
9	2550.63	117,778	59,380	19	314	314	489	490	490	59,377	44,159	4	0	0	0	0	
10	2550.89	118,080	59,522	18	317	331	491	498	498	59,526	44,308	3	0	0	0	0	
11	2550.75	118,298	59,641	17	353	368	504	493	493	59,634	44,416	3	0	0	0	0	
12	2550.79	118,531	59,759	21	331	346	485	480	480	59,747	44,529	4	0	0	0	0	
13	2550.81	118,625	59,807	19	369	365	452	452	452	59,840	44,622	3	0	0	0	0	
14	2550.87	118,909	59,950	24	372	387	554	497	497	59,926	44,708	4	0	0	0	0	
15	2550.91	119,098	60,045	15	359	374	484	486	486	60,033	44,815	3	0	0	0	0	
16	2550.94	119,240	60,117	17	345	360	449	484	484	60,120	44,902	3	0	0	0	0	
17	2550.97	119,383	60,189	18	354	369	459	480	480	60,193	44,975	3	0	0	0	0	
18	2551.00	119,525	60,261	21	365	380	473	475	475	60,267	45,049	4	0	0	0	0	
19	2551.04	119,714	60,356	20	365	377	482	526	526	60,396	45,178	4	0	0	0	0	
20	2551.14	120,190	60,596	2	357	371	613	585	585	60,608	45,390	0	0	0	0	0	
21	2551.27	120,809	60,908	14	309	323	649	637	637	60,908	45,690	3	0	0	0	0	
22	2551.51	121,960	61,498	2	251	264	846	846	846	61,488	46,270	0	0	0	0	0	
23	2551.80	123,360	62,184	10	226	242	958	958	958	62,194	46,976	2	0	0	0	0	
24	2552.15	126,065	63,054	2	240	253	1,115	1,115	1,115	63,054	47,836	0	0	0	0	0	
25	2552.53	126,932	63,995	13	261	272	1,228	1,228	1,228	63,995	48,777	2	0	0	0	0	
26	2552.77	128,122	64,595	26	288	313	939	939	939	64,595	49,377	4	0	0	0	0	
27	2552.98	128,170	65,123	29	312	327	884	884	884	65,123	49,905	5	0	0	0	0	
28	2553.19	130,222	65,654	22	326	340	983	983	983	65,654	50,436	4	0	0	0	0	
29	2553.39	131,230	66,182	32	363	376	916	916	916	66,182	50,944	5	0	0	0	0	
TOTAL SECOND FOOT DAYS				442	8,641	10,059	18,530	18,530	18,530	18,530	66,162	50,944	78	0	0	0	0
TOTAL ACRE-FEET				877	19,123	829	38,754	38,754	38,754	38,754	131,230	101,046	155	0	0	0	0

By:  Date: March 16, 2008

FEBRUARY 2008

NORTH KERN WATER STORAGE DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

HACIENDA WATER DISTRICT

DAY	ENTL AT 1ST			RESERVOIR			ENTL AT 1ST			RESERVOIR			ENTLMENT			FLOW		
	POINT	POINT	POINT	LOSS	STORAGE	POINT	VA	AT 2ND	POINT	LOSS	STORAGE	POINT	POINT	POINT	CONTRIBUTED BY	RESERVOIR	DAY	
Previous Day	279	294	18	12	32,747	0	0	0	0	4	9,491	0	0	0	0	0	677	
1	277	281	17	11	32,716	0	11	0	3	9,477	0	0	0	0	0	0	677	
2	348	272	18	9	32,766	0	3	0	2	9,472	0	0	0	0	0	0	677	
3	1,084	497	16	2	33,335	0	6	0	1	9,486	0	0	0	0	0	0	677	
4	644	404	7	6	33,582	0	14	0	2	9,450	0	0	0	0	0	0	677	
5	443	277	15	9	33,704	0	18	0	2	9,430	0	0	0	0	0	0	677	
6	439	307	18	9	33,809	0	20	0	3	9,407	0	0	0	0	0	0	677	
7	452	381	15	8	33,877	0	17	0	2	9,388	0	0	0	0	0	0	677	
8	468	350	16	9	33,970	0	30	0	3	9,355	0	0	0	0	0	0	677	
9	490	278	13	15	34,156	0	25	0	4	9,326	0	0	0	0	0	0	677	
10	488	293	14	14	34,333	0	24	0	4	9,288	0	0	0	0	0	0	677	
11	493	325	15	13	34,473	0	28	0	4	9,266	0	0	0	0	0	0	677	
12	480	298	15	16	34,624	0	33	0	5	9,228	0	0	0	0	0	0	677	
13	497	339	18	15	34,751	0	30	0	4	9,194	0	0	0	0	0	0	677	
14	497	342	15	19	34,872	0	30	0	5	9,159	0	0	0	0	0	0	677	
15	496	337	15	12	35,004	0	22	0	3	9,134	0	0	0	0	0	0	677	
16	464	324	15	13	35,116	0	21	0	4	9,109	0	0	0	0	0	0	677	
17	460	328	15	14	35,219	0	26	0	4	9,079	0	0	0	0	0	0	677	
18	475	334	15	17	35,328	0	31	0	4	9,044	0	0	0	0	0	0	677	
19	526	344	12	16	35,482	0	21	0	4	9,019	0	0	0	0	0	0	677	
20	585	338	14	2	35,713	0	19	0	0	9,000	0	0	0	0	0	0	677	
21	637	293	14	11	36,032	0	16	0	3	8,981	0	0	0	0	0	0	677	
22	846	240	13	2	36,623	0	11	0	0	8,970	0	0	0	0	0	0	677	
23	968	220	16	8	37,337	0	6	0	2	8,962	0	0	0	0	0	0	677	
24	1,115	231	13	2	38,206	0	9	0	0	8,953	0	0	0	0	0	0	677	
25	1,229	248	11	10	39,163	0	13	0	3	8,937	0	0	0	0	0	0	677	
26	939	279	15	21	39,787	0	19	0	5	8,913	0	0	0	0	0	0	677	
27	884	296	15	23	40,347	0	26	0	6	8,881	0	0	0	0	0	0	677	
28	893	299	14	18	40,909	0	27	0	4	8,850	0	0	0	0	0	0	677	
29	916	341	13	26	41,445	0	22	0	6	8,822	0	0	0	0	0	0	677	
S.F.D.	19,530	9,054	418	350	41,445	0	577	0	92	8,822	0	0	0	0	0	0	677	
AC.F.T.	36,754	17,978	829	695	82,205	0	1,145	0	182	17,498	0	0	0	0	0	0	1,343	
TOTAL ACRE-FOOT STORAGE DAYS				2,056,181			TOTAL ACRE-FOOT STORAGE DAYS			526,750			TOTAL ACRE-FOOT STORAGE DAYS			38,941		

REPORT OF THE KERN RIVER WATERMASTER

FEBRUARY 2008

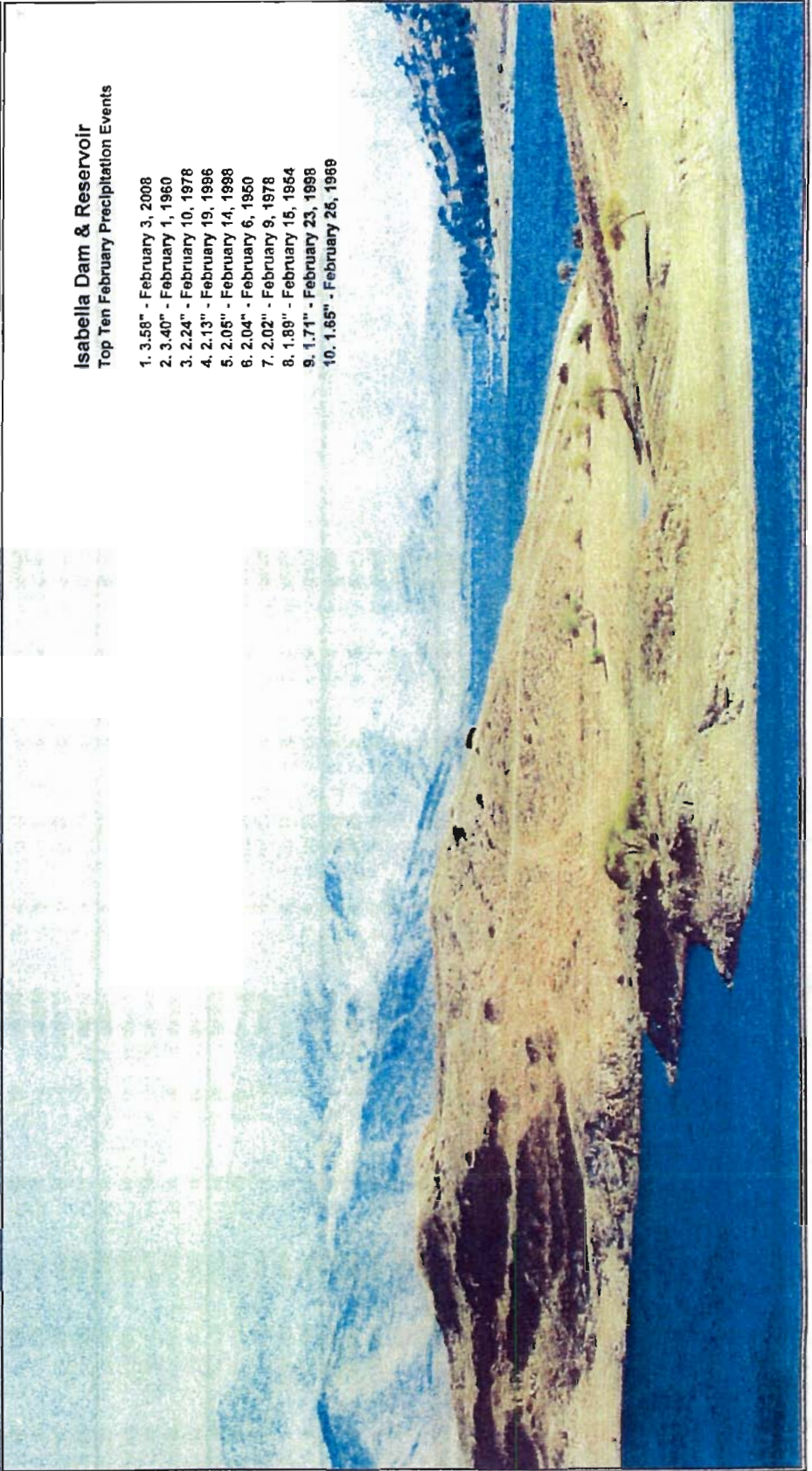
WATERMASTER NOTES *** KERN RIVER BULLETIN

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

Isabella Dam & Reservoir
Top Ten February Precipitation Events

1. 3.58" - February 3, 2008
2. 3.40" - February 1, 1960
3. 2.24" - February 10, 1978
4. 2.13" - February 19, 1996
5. 2.05" - February 14, 1998
6. 2.04" - February 6, 1950
7. 2.02" - February 9, 1978
8. 1.89" - February 16, 1954
9. 1.71" - February 23, 1998
10. 1.65" - February 26, 1969



REPORT OF THE KERN RIVER WATERMASTER

MARCH 2008

Quantities in S.F.D. except where noted

PAGE 1 of 5

DAY	ISABELLA RESERVOIR		FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE		COMPUTED NATURAL FLOW	MEAN STORAGE	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW	
	ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET				LOSS S.F.D.	+1ST POINT REGULATED FLOW					-1ST POINT NATURAL FLOW	Recreation Pool + Dead Storage
Previous Day	2553.39	131,230	66,162	32	383	13	376	916	66,162	50,944	5	0	0
1	2553.57	132,141	66,921	31	395	15	410	900	66,842	51,424	5	0	0
2	2553.77	133,159	67,134	24	410	18	426	963	67,094	51,876	4	0	0
3	2553.67	133,670	67,392	32	540	13	553	889	67,378	52,160	5	0	0
4	2553.94	134,029	67,573	23	563	3	596	800	67,592	52,374	4	0	0
5	2554.02	134,438	67,779	26	621	3	624	856	67,748	52,528	4	0	0
6	2554.05	134,592	67,857	20	655	3	658	756	67,841	52,623	3	0	0
7	2554.05	134,592	67,857	25	668	14	682	707	67,884	52,668	4	0	0
8	2554.12	134,953	68,039	35	555	15	570	787	68,047	52,829	6	0	0
9	2554.23	135,520	68,325	32	479	12	491	809	68,312	53,094	5	0	0
10	2554.32	135,985	68,559	28	484	15	509	789	68,581	53,363	4	0	0
11	2554.43	136,555	68,847	23	509	18	525	838	68,887	53,669	4	0	0
12	2554.60	137,438	69,292	21	472	18	480	856	69,301	54,083	3	0	0
13	2554.78	138,378	69,766	32	481	18	477	983	69,787	54,589	5	0	0
14	2554.99	139,481	70,322	19	453	18	471	1,046	70,296	55,078	3	0	0
15	2555.17	140,430	70,800	11	483	16	479	988	70,792	55,594	2	0	0
16	2555.33	141,277	71,227	11	458	17	475	913	71,180	55,982	2	0	0
17	2555.43	141,808	71,495	17	471	15	486	771	71,498	56,270	3	0	0
18	2555.51	142,234	71,710	23	483	19	512	750	71,703	56,485	3	0	0
19	2555.59	142,681	71,925	24	472	17	489	728	71,950	56,732	4	0	0
20	2555.70	143,250	72,222	24	463	17	480	801	72,225	57,007	4	0	0
21	2555.82	143,882	72,546	21	448	17	483	808	72,584	57,346	3	0	0
22	2555.96	144,646	72,926	39	423	19	442	861	72,930	57,712	6	0	0
23	2556.09	145,347	73,278	33	467	18	485	871	73,297	58,079	5	0	0
24	2556.20	145,943	73,580	26	579	17	586	923	73,622	58,404	4	0	0
25	2556.31	146,540	73,881	41	687	18	705	1,047	73,863	58,645	6	0	0
26	2556.39	146,975	74,100	28	728	19	745	992	74,100	58,882	4	0	0
27	2556.58	148,012	74,823	22	765	17	782	1,327	74,823	59,405	3	0	0
28	2556.71	148,725	74,982	20	732	18	750	1,129	75,034	59,816	3	0	0
29	2556.91	149,825	75,537	30	681	18	699	1,284	75,537	60,319	4	0	0
30	2557.13	151,041	76,150	19	634	18	652	1,284	76,150	60,832	3	0	0
31	2557.31	152,041	76,654	24	585	18	604	1,132	76,654	61,436	3	0	0
TOTAL	SECOND FOOT DAYS		782	18,850	478	17,326	28,600	28,600	78,654	61,436	121	0	0
TOTAL	ACRE-FEET		1,551	33,421	944	34,385	56,727	56,727	152,041	121,857	240	0	0

By: *had* Date: April 17, 2008

REPORT OF THE KERN RIVER WATERMASTER

MARCH 2008

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			FLOW AT 2ND			FLOW ABOVE 1ST FT. CARMEL LG			ENTITLEMENT Contributed by:			RESERVOIR STORAGE																																		
	ENTL AT 1ST POINT	FLOW AT 1ST POINT	RESERVOIR STORAGE	ENTL AT 2ND POINT	FLOW AT 2ND POINT	RESERVOIR STORAGE	INC.	HACIENDA	1ST FT. CARMEL	NKWS	BVWS	HWS	LOSS	STORAGE	DAY																																
Previous Day	916	341	28	41,445	0	0	0	0	0	0	8,822	0	0	677																																	
1	723	377	25	41,751	198	16	0	0	0	0	8,996	0	0	677																																	
2	710	388	20	42,037	192	22	0	0	0	0	9,162	0	0	677																																	
3	688	498	26	42,186	181	42	0	0	0	0	9,295	0	0	677																																	
4	663	542	3	42,287	170	51	0	0	0	0	9,410	0	0	677																																	
5	644	569	3	42,338	160	52	0	0	0	0	9,513	0	0	677																																	
6	623	608	3	42,334	150	47	0	0	0	0	9,612	0	0	677																																	
7	607	627	14	42,280	143	41	0	0	0	0	9,709	0	0	677																																	
8	619	519	15	42,337	149	38	0	0	0	0	9,815	0	0	677																																	
9	633	442	12	42,480	155	37	0	0	0	0	9,927	0	0	677																																	
10	644	444	15	42,654	160	50	0	0	0	0	10,032	0	0	677																																	
11	678	451	18	42,948	176	58	0	0	0	0	10,144	0	0	677																																	
12	728	414	17	43,127	199	58	0	0	0	0	10,279	0	0	677																																	
13	774	401	26	43,460	221	60	0	0	0	0	10,432	0	0	677																																	
14	777	383	15	43,613	222	60	0	0	0	0	10,588	0	0	677																																	
15	761	430	18	44,121	215	33	0	0	0	0	10,766	0	0	677																																	
16	698	422	15	44,373	188	36	0	0	0	0	10,912	0	0	677																																	
17	648	431	13	44,563	163	40	0	0	0	0	11,030	0	0	677																																	
18	607	469	17	44,666	143	24	0	0	0	0	11,142	0	0	677																																	
19	614	445	15	44,801	146	27	0	0	0	0	11,254	0	0	677																																	
20	627	442	15	44,952	152	21	0	0	0	0	11,378	0	0	677																																	
21	657	424	17	45,153	166	22	0	0	0	0	11,516	0	0	677																																	
22	673	410	17	45,368	174	13	0	0	0	0	11,667	0	0	677																																	
23	689	453	16	45,572	186	14	0	0	0	0	11,830	0	0	677																																	
24	741	561	21	45,716	206	18	0	0	0	0	12,011	0	0	677																																	
25	768	658	16	45,778	219	29	0	0	0	0	12,190	0	0	677																																	
26	784	701	17	45,822	226	25	0	0	0	0	12,383	0	0	677																																	
27	1,000	736	15	46,054	327	29	0	0	0	0	12,674	0	0	677																																	
28	901	694	16	46,229	280	38	0	0	0	0	12,910	0	0	677																																	
29	936	647	16	46,479	296	34	0	0	0	0	13,163	0	0	677																																	
30	971	607	15	46,612	313	27	0	0	0	0	13,443	0	0	677																																	
31	867	565	17	47,078	265	20	0	0	0	0	13,681	0	0	677																																	
S.F.D.	22,461	15,768	435	47,078	6,139	1,082	0	0	0	41	157	13,681	0	0	677																																
AC.F.T.	44,550	31,275	864	1,240	93,978	12,177	2,148	0	0	80	311	27,138	0	0	1,343																																
TOTAL ACRE-FOOT STORAGE DAYS															2,716,324	TOTAL ACRE-FOOT STORAGE DAYS															676,094	TOTAL ACRE-FOOT STORAGE DAYS															41,627

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

APRIL 2008

DAY	ELEVATION (FEET)	ISABELLA RESERVOIR MIGHT STORAGE	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	CHANGE IN STORAGE-LOSS		COMPUTED NATURAL FLOW	MEAN TOTAL RECREATION POOL + DEAD STORAGE = 15,218 S.F.D. (30,194 ACFT)	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW		FRONT-KERN INFLOW	DAY
						ACRE-FEET	S.F.D.					LOSS	AT 1ST POINT		
Previous Day	2557.31	152,041	78,854	24	585	18	604	1,132	78,854	3	0	0	0	0	0
1	2557.47	152,834	77,104	24	596	19	615	1,099	77,093	3	0	0	0	0	1
2	2557.59	153,605	77,443	24	644	19	663	1,026	77,453	3	0	0	0	0	2
3	2557.72	154,336	77,811	27	640	20	660	1,055	77,786	4	0	0	0	0	3
4	2557.85	155,067	78,180	24	585	20	585	1,062	78,239	3	0	0	0	0	4
5	2558.08	156,254	78,778	32	505	19	524	1,154	78,743	4	0	0	0	0	5
6	2558.21	157,108	79,208	28	570	20	590	1,149	79,273	4	0	0	0	0	6
7	2558.40	158,189	79,754	27	650	20	670	1,157	79,733	3	0	0	0	0	7
8	2558.53	158,932	80,128	27	751	27	777	1,178	80,128	3	0	0	0	0	8
9	2558.63	158,508	80,418	23	837	28	864	1,177	80,380	3	0	0	0	0	9
10	2558.68	159,793	80,662	26	898	24	892	1,132	80,594	3	0	0	0	0	10
11	2558.78	160,368	80,852	49	788	21	819	1,158	80,873	6	0	0	0	0	11
12	2558.88	161,409	81,377	58	615	24	639	1,222	81,436	7	0	0	0	0	12
13	2558.23	162,978	82,187	52	537	21	568	1,400	82,188	6	0	0	0	0	13
14	2559.50	164,553	82,982	79	589	20	589	1,483	83,058	10	0	0	0	0	14
15	2559.89	169,847	84,119	58	517	20	537	1,752	84,083	7	0	0	0	0	15
16	2560.26	169,043	85,226	32	517	18	536	1,675	85,177	4	0	0	0	0	16
17	2560.56	170,837	86,130	48	558	19	577	1,530	86,130	6	0	0	0	0	17
18	2560.84	172,522	86,980	41	618	24	642	1,533	86,926	5	0	0	0	0	18
19	2561.05	173,793	87,821	53	655	24	679	1,373	87,824	6	0	0	0	0	19
20	2561.26	175,069	88,264	31	685	24	709	1,383	88,309	4	0	0	0	0	20
21	2561.53	176,720	89,096	48	638	25	638	1,371	88,994	5	0	0	0	0	21
22	2561.72	177,888	89,885	40	557	25	582	1,211	89,685	4	0	0	0	0	22
23	2561.88	178,874	90,182	38	652	24	676	1,211	90,227	4	0	0	0	0	23
24	2562.08	180,111	90,806	31	685	25	680	1,345	90,786	3	0	0	0	0	24
25	2562.28	181,354	91,433	39	624	23	647	1,313	91,450	4	0	0	0	0	25
26	2562.50	182,730	92,126	48	600	23	623	1,362	92,184	5	0	0	0	0	26
27	2562.76	184,360	92,948	51	638	25	681	1,534	93,027	5	0	0	0	0	27
28	2563.08	186,381	93,967	44	683	24	707	1,770	94,035	5	0	0	0	0	28
29	2563.43	188,608	95,090	67	759	24	783	1,973	95,090	7	0	0	0	0	29
30	2563.81	191,043	96,318	45	788	25	823	2,068	96,318	5	0	0	0	0	30
TOTAL SECOND FOOT DAYS		1,214	19,282	673	19,955	40,833	40,833	40,833	96,318	141	0	0	0	0	0
TOTAL ACRE-FEET		2,408	38,245	1,335	39,580	80,891	80,891	80,891	191,043	280	0	0	0	0	0

By: *ASD*

Date: May 20, 2008

REPORT OF THE KERN RIVER WATERMASTER

MARCH 2008
 WATERMASTER NOTES *** KERN RIVER BULLETIN

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

SOUTH FORK KERN RIVER Nr. ONYX
 2007 WATER YEAR

Discharge in cubic feet per second

Whole Year Runoff (AcFt) = 21518

DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28	32	26	40	39	42	63	44	12	4	2	4
2	26	32	30	39	39	47	62	43	11	4	2	5
3	25	33	31	40	38	50	62	41	11	4	2	3
4	27	33	29	41	38	52	62	40	10	4	2	2
5	27	33	29	46	40	54	62	40	10	3	2	2
6	27	34	31	37	41	50	62	39	10	3	2	2
7	27	36	32	38	43	63	61	35	10	3	2	2
8	28	36	32	44	43	76	60	33	9	3	2	2
9	28	36	32	40	44	81	60	32	9	3	2	2
10	28	35	39	41	46	63	58	31	8	3	2	2
11	28	35	39	40	64	60	55	30	8	2	2	2
12	29	35	33	36	66	82	52	29	8	2	1	2
13	32	35	36	24	50	84	60	26	8	2	1	2
14	37	37	42	27	52	88	49	27	7	2	1	2
15	41	43	44	31	46	92	49	25	7	2	1	3
16	42	36	45	36	45	92	52	24	7	2	1	3
17	40	36	43	37	60	92	51	24	6	2	1	3
18	36	36	37	35	54	91	56	23	6	2	1	3
19	35	39	32	38	60	90	60	21	6	2	1	4
20	35	35	31	38	60	88	59	21	5	2	1	4
21	34	33	37	35	66	84	58	19	6	2	1	4
22	33	33	45	32	66	76	56	19	6	2	2	5
23	32	33	40	35	67	70	59	18	5	2	2	6
24	32	34	39	38	46	67	62	18	5	2	2	6
25	32	32	39	36	46	66	62	17	5	2	2	6
26	32	30	39	36	52	68	58	15	5	2	2	5
27	33	29	47	36	54	70	52	14	4	3	2	6
28	32	32	43	41	50	68	50	14	5	3	2	6
29	33	30	35	39	64	64	47	13	5	2	2	6
30	32	25	36	36	65	65	46	13	4	2	2	6
31	31	40	40	39	66	66	46	12	2	2	2	6
TOTAL	984	1022	1137	1151	1364	2241	1633	802	218	78	52	109
MAX DAY	42	43	47	48	64	92	63	44	12	4	4	6
MIN DAY	25	26	28	24	38	42	46	12	4	2	2	2
MEAN	32	34	37	37	49	72	56	28	7	3	2	4
TOTAL AcFt	1952	2027	2255	2263	2705	4445	3358	1591	428	155	103	216

REPORT OF THE KERN RIVER WATERMASTER

APRIL 2008

Quantities in S.F.D. except where noted

PAGE 2 of 5

NORTH KERN WATER STORAGE DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

MACIENDA WATER DISTRICT

DAY	FLOW ABOVE 1ST FT. CARNEL			FLOW ABOVE 1ST FT. MACIENDA			FLOW ABOVE 1ST FT. CARNEL			ENTITLEMENT Contributed by:			RESERVOIR STORAGE		
	ENTL AT 1ST POINT	FLOW AT 1ST POINT	RESERVOIR STORAGE	ENTL AT 2ND POINT	FLOW VIA ROND	RESERVOIR STORAGE	ENTL AT 2ND POINT	FLOW VIA ROND	RESERVOIR STORAGE	ENTL AT 2ND POINT	FLOW VIA ROND	RESERVOIR STORAGE	ENTL AT 2ND POINT	FLOW VIA ROND	RESERVOIR STORAGE
Previous Day	867	595	17	285	20	0	2	0	0	0	0	5	13,881	0	677
1	824	594	18	244	12	0	1	0	0	0	5	13,907	0	677	1
2	816	631	18	241	13	0	1	0	0	0	5	14,129	0	677	2
3	791	625	19	229	15	0	1	0	0	0	6	14,336	0	677	3
4	820	557	19	242	8	0	1	0	0	0	6	14,563	0	677	4
5	818	504	18	242	1	0	1	0	0	0	7	14,786	0	677	5
6	879	569	19	270	1	0	1	0	0	0	7	15,057	0	677	6
7	884	645	19	273	5	0	1	0	0	0	8	15,318	0	677	7
8	813	747	25	288	4	0	1	0	0	0	6	15,583	0	677	8
9	872	833	26	287	4	0	1	0	0	0	6	15,849	0	677	9
10	867	881	23	285	7	0	1	0	0	0	6	16,100	0	677	10
11	878	786	20	269	12	0	1	0	0	0	12	16,344	0	677	11
12	855	604	23	305	11	0	1	0	0	0	14	16,623	1	676	12
13	1,024	527	20	338	10	0	1	0	0	0	13	16,837	0	676	13
14	1,144	562	19	394	7	0	1	0	0	0	20	17,303	1	675	14
15	1,207	511	19	423	6	0	1	0	0	0	15	17,704	1	674	15
16	1,222	505	18	430	12	0	1	0	0	0	8	18,113	0	674	16
17	1,172	543	18	407	15	0	1	0	0	0	13	18,491	0	674	17
18	1,104	606	23	375	12	0	1	0	0	0	11	18,842	0	674	18
19	1,071	642	23	359	13	0	1	0	0	0	14	19,173	0	674	19
20	1,067	672	23	358	13	0	1	0	0	0	8	19,509	0	674	20
21	1,030	598	24	341	14	0	1	0	0	0	13	19,822	0	674	21
22	991	541	24	322	18	0	1	0	0	0	11	20,116	0	674	22
23	962	637	23	304	15	0	1	0	0	0	10	20,394	0	674	23
24	975	651	24	315	14	0	1	0	0	0	8	20,686	0	674	24
25	1,009	611	22	331	13	0	1	0	0	0	11	20,992	0	674	25
26	1,052	589	22	351	11	0	1	0	0	0	13	21,318	0	674	26
27	1,156	626	24	399	10	0	1	0	0	0	14	21,692	0	674	27
28	1,286	674	23	484	9	0	1	0	0	0	12	22,134	0	674	28
29	1,384	747	23	511	12	0	1	0	0	0	19	22,813	1	673	29
30	1,519	788	24	577	12	0	1	0	0	0	13	23,164	0	673	30
S.F.D.	30,701	19,975	643	10,132	307	0	30	0	0	0	312	23,164	4	673	S.F.D.
AC.F.T.	60,894	37,638	1,275	20,087	609	0	60	0	0	0	619	45,945	8	1,335	AC.F.T.

TOTAL ACRE-FOOT STORAGE DAYS 3,051,803

TOTAL ACRE-FOOT STORAGE DAYS 1,074,283

TOTAL ACRE-FOOT STORAGE DAYS 40,177

MONTH DAY(S) PAGE NO. TITLE OF COLUMN

April None

KERN RIVER BASIN - HISTORICAL SNOW COURSE DATA APRIL 1ST WATER CONTENT IN INCHES

Table with columns: YEAR, BISHORN PLATEAU PASS, COTTONWOOD PASS, SIERRAN PASS, CHAUNTRIE MEADOW, GUYOT FLAT, SANDY MEADOWS, TYNDALL CREEK, BIG WHITNEY MEADOW, ROCK CREEK, ROUND MEADOW, RAMSHAW MEADOWS, LITTLE WHITNEY MEADOW, CASA VIEJA MEADOWS, GUINN RANGER STATION, BONITA MEADOWS, BEACH MEADOWS, BASIN WIDE AVERAGE, A-J RUNOFF IN PERCENT OF AVERAGE

REPORT OF THE KERN RIVER WATERMASTER

MAY 2008

Quantities in S.F.D. except where noted

PAGE 1 of 5

DAY	PREVIOUS DAY	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 = 16,219 S.F.D. (30,184 ACFT)	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW		FRAMT-KERN INFLOW DAY
		ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET				1ST POINT REGULATED FLOW	+1ST POINT REGULATED FLOW					KERN RIVER	AT 2ND POINT	
1	2563.81	191,043	98,318	45	788	823	2,098	2,098	98,318	81,100	5	0	0	0	0
2	2564.11	192,880	97,284	46	838	860	1,882	1,882	97,284	82,076	5	0	0	0	0
3	2564.72	194,863	96,243	50	711	735	1,753	1,753	96,243	83,044	5	0	0	0	0
4	2565.02	196,955	94,988	47	684	688	1,762	1,762	94,071	84,071	5	0	0	0	0
5	2565.25	198,928	100,292	45	689	722	1,761	1,762	100,284	85,068	4	0	0	0	0
6	2565.43	200,448	101,059	51	891	916	1,734	1,885	101,002	85,784	5	0	0	0	0
7	2565.61	201,843	101,862	48	887	909	1,560	1,632	101,677	86,459	5	0	0	0	0
8	2565.85	202,842	102,268	63	910	934	1,601	1,641	102,321	87,103	6	0	0	0	0
9	2566.11	204,447	103,075	50	882	904	1,763	1,694	103,061	87,843	5	0	0	0	0
10	2566.40	206,198	103,967	58	753	778	1,716	1,743	103,968	88,760	5	0	0	0	0
11	2566.69	208,157	104,846	60	677	700	1,749	1,778	104,886	89,768	5	0	0	0	0
12	2566.95	210,129	105,940	51	800	823	1,868	1,860	105,972	90,754	5	0	0	0	0
13	2567.21	211,908	106,836	57	987	1,011	1,964	1,939	106,843	91,625	5	0	0	0	0
14	2567.44	213,892	107,738	59	1,004	1,027	1,986	1,945	107,702	92,484	5	0	0	0	0
15	2567.73	215,280	108,537	62	996	1,021	1,884	1,963	108,602	93,384	5	0	0	0	0
16	2568.15	217,282	109,551	70	970	995	2,079	2,154	109,691	94,473	6	0	0	0	0
17	2568.70	220,225	111,030	78	918	942	2,469	2,471	111,142	95,924	7	0	0	0	0
18	2568.28	224,102	112,985	79	774	802	2,838	2,814	113,075	97,657	7	0	0	0	0
19	2569.89	228,233	115,066	80	919	944	3,107	3,017	115,068	99,850	6	0	0	0	0
20	2570.60	232,627	117,283	85	1,059	1,066	3,386	3,386	117,283	102,065	7	0	0	0	0
21	2571.12	237,802	119,892	94	1,050	1,078	3,779	3,779	119,892	104,674	7	0	0	0	0
22	2571.54	241,634	121,824	65	987	991	3,008	3,008	121,824	108,608	6	0	0	0	0
23	2571.84	244,755	123,397	43	984	1,009	2,625	2,625	123,397	106,179	3	0	0	0	0
24	2572.07	248,989	124,529	34	969	995	2,181	2,181	124,529	108,311	2	0	0	0	0
25	2572.24	248,728	125,399	30	848	871	1,771	1,771	125,399	110,181	2	43	43	0	0
26	2572.34	250,009	126,046	26	984	1,009	1,682	1,634	125,998	110,780	2	163	163	0	0
27	2572.43	250,784	126,427	26	1,104	1,130	1,537	1,569	128,411	111,183	2	205	205	0	0
28	2572.49	251,448	126,771	39	1,081	1,104	1,487	1,467	128,735	111,517	3	183	183	0	0
29	2572.50	251,977	127,000	41	1,080	1,108	1,376	1,387	128,975	111,767	3	209	209	0	0
30	2572.49	251,977	127,000	46	1,189	1,215	1,269	1,311	127,025	111,807	3	304	304	0	0
31	2572.49	251,901	127,000	52	1,219	1,245	1,259	1,245	127,000	111,782	4	343	343	0	0
		2572.49	251,901	56	1,136	1,161	1,217	1,217	127,000	111,782	4	405	405	0	0
		TOTAL SECOND FOOT DAYS		1,711	28,948	28,709	62,102	62,102	127,000	111,782	144	1,865	1,865	0	0
		TOTAL ACRE-FEET		3,394	57,413	58,926	123,177	123,177	251,901	221,717	286	3,699	3,699	0	0

By: *ASD*

Date: June 20, 2008

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

MAY 2008

NORTH KERN WATER STORAGE DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

HACIENDA WATER DISTRICT

DAY	FLOW ABOVE 1ST PT.			FLOW ABOVE 1ST PT. CARRIAGE			FLOW ABOVE 1ST PT. L _a			ENTITLEMENT Contributed by:			RESERVOIR STORAGE			RESERVOIR STORAGE DAY	
	ENTL AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	ENTL AT 2ND POINT	FLOW VIA RWWD	FLOW VIA CWD	FLOW AT 2ND POINT	HACIENDA INC.	RESERVOIR STORAGE LOSS	RESERVOIR STORAGE LOSS	RESERVOIR STORAGE LOSS	ENTL BY RWWD	ENTL BY CWD	ENTL BY L _a	RESERVOIR STORAGE		RESERVOIR STORAGE
Previous Day	1,519	786	24	32	57,263	577	12	0	0	0	1	13	23,164	0	673		
1	1,379	825	24	33	57,760	603	11	0	0	0	0	13	23,643	0	673		
2	1,291	701	24	38	58,290	462	10	0	0	0	0	14	24,081	0	673		
3	1,297	657	24	34	58,672	465	7	0	0	0	0	13	24,526	0	673		
4	1,297	691	23	32	59,423	465	8	0	0	0	0	13	24,970	0	673		
5	1,244	672	25	38	59,734	441	19	0	0	0	0	15	25,377	0	673		
6	1,208	673	22	34	60,013	424	14	0	0	0	0	14	25,773	0	673		
7	1,214	688	24	45	60,262	427	14	0	0	0	0	18	26,168	0	673		
8	1,251	865	22	35	60,591	443	17	0	0	0	0	15	26,579	0	673		
9	1,284	731	25	41	61,078	459	22	0	0	0	0	17	26,989	0	673		
10	1,308	658	23	42	61,663	470	19	0	0	0	0	18	27,432	0	673		
11	1,364	780	23	36	62,188	496	20	0	0	0	0	15	27,883	0	673		
12	1,418	972	24	40	62,570	521	15	0	0	0	0	17	28,382	0	673		
13	1,422	990	23	41	62,938	523	14	0	0	0	0	18	28,873	0	673		
14	1,448	978	25	43	63,340	535	18	0	0	0	0	19	29,371	0	673		
15	1,554	950	25	48	63,671	600	20	0	0	0	0	22	29,929	0	673		
16	1,750	900	24	53	64,644	721	18	0	0	0	0	24	30,608	1	672		
17	1,955	758	28	53	65,760	859	16	0	0	0	0	25	31,426	1	671		
18	2,075	898	25	54	66,858	942	21	0	0	0	0	25	32,322	1	670		
19	2,266	1,023	27	57	68,037	1,100	36	0	0	0	0	27	33,359	1	669		
20	2,503	1,012	26	63	69,439	1,276	38	0	0	0	0	30	34,567	1	668		
21	2,070	915	24	56	70,514	938	52	0	0	0	0	28	35,425	1	667		
22	1,843	943	25	29	71,360	782	41	0	0	0	0	14	36,152	0	667		
23	1,559	942	26	23	71,928	602	27	0	0	0	0	11	36,716	0	667		
24	1,303	794	25	20	72,402	468	19	0	43	0	0	10	37,112	0	667		
25	1,210	606	25	17	72,784	424	15	0	163	0	0	9	37,349	0	667		
26	1,165	673	28	17	73,013	404	26	0	205	0	0	9	37,513	0	667		
27	1,096	865	23	28	73,195	371	23	0	193	0	0	13	37,655	0	667		
28	1,041	850	26	27	73,333	346	21	0	209	0	0	14	37,757	0	667		
29	989	668	26	31	73,397	322	17	0	304	0	0	15	37,743	0	667		
30	963	661	26	35	73,438	309	15	0	343	0	0	17	37,677	0	667		
31	925	712	25	37	73,559	292	19	0	405	0	0	19	37,526	0	667		
S.F.D.	44,712	26,449	763	1,174	73,689	17,390	632	0	1,865	0	0	531	57,526	6	667		
AC.F.T.	89,884	52,461	1,513	2,329	145,962	34,493	1,253	0	3,699	0	0	1,053	74,432	12	1,323		
TOTAL ACRE-FOOT STORAGE DAYS															4,058,704	1,925,757	41,220

MAY 2008
 WATERMASTER NOTES *** KERN RIVER BULLETIN

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

May None

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

In Order of Magnitude

Rank	Year	May Runoff (AcF)	April-July Runoff (AcF)	April-July Runoff (AcF)	April-July Average	May % of April-July	Rank	Year	May Runoff (AcF)	April-July Runoff (AcF)	April-July Runoff (AcF)	April-July Average	May % of April-July
1	2001	124,417	250,282	250,282	250,282	49.71%	61	1921	100,098	321,325	321,325	321,325	31.15%
2	1924	41,722	92,556	92,556	92,556	45.08%	62	1983	478,625	1,545,610	1,545,610	1,545,610	30.99%
3	1947	110,325	249,572	249,572	249,572	44.21%	63	1958	69,544	224,785	224,785	224,785	30.94%
4	1878	47,151	108,754	108,754	108,754	43.36%	64	1914	210,878	665,012	665,012	665,012	30.76%
5	1897	261,639	654,282	654,282	654,282	43.05%	65	1889	71,949	234,450	234,450	234,450	30.66%
6	1831	41,867	96,082	96,082	96,082	42.69%	66	1859	39,946	130,585	130,585	130,585	30.59%
7	1928	98,598	232,762	232,762	232,762	42.36%	67	1908	79,418	280,894	280,894	280,894	30.44%
8	2000	128,408	308,498	308,498	308,498	42.22%	68	1856	169,683	525,841	525,841	525,841	30.39%
9	2007	51,267	123,410	123,410	123,410	41.54%	69	1916	472,894	1,571,597	1,571,597	1,571,597	30.10%
10	1952	74,394	179,153	179,153	179,153	41.53%	70	1835	103,787	350,847	350,847	350,847	29.60%
11	1837	352,050	852,047	852,047	852,047	41.32%	71	1917	165,082	580,304	580,304	580,304	28.46%
12	1919	140,215	342,897	342,897	342,897	40.86%	72	1907	199,950	678,749	678,749	678,749	29.46%
13	1949	84,508	205,911	205,911	205,911	40.26%	73	1932	164,742	526,432	526,432	526,432	29.39%
14	1873	288,652	723,768	723,768	723,768	39.86%	74	1887	289,631	924,005	924,005	924,005	28.19%
15	1948	155,478	390,747	390,747	390,747	39.79%	75	1930	87,851	232,582	232,582	232,582	28.17%
16	1928	78,885	193,702	193,702	193,702	41%	76	1890	287,825	891,025	891,025	891,025	28.04%
17	1954	139,719	354,117	354,117	354,117	39.46%	77	1983	137,839	478,579	478,579	478,579	28.90%
18	1879	164,835	418,859	418,859	418,859	39.28%	78	1865	131,880	458,688	458,688	458,688	28.90%
19	1922	242,259	617,710	617,710	617,710	39.22%	79	1891	78,763	278,543	278,543	278,543	28.04%
20	1929	85,895	219,532	219,532	219,532	39.17%	80	1942	150,038	522,905	522,905	522,905	28.69%
21	2006	309,409	795,728	795,728	795,728	38.88%	81	1802	109,904	389,598	389,598	389,598	28.21%
22	1941	388,868	995,857	995,857	995,857	38.84%	82	1895	255,048	829,221	829,221	829,221	27.45%
23	1952	434,769	1,119,815	1,119,815	1,119,815	38.83%	83	1915	124,508	455,242	455,242	455,242	27.35%
24	1895	288,835	694,729	694,729	694,729	38.67%	84	1871	68,535	244,475	244,475	244,475	27.26%
25	2008	123,177	320,000	320,000	320,000	38.49%	85	1857	79,355	282,348	282,348	282,348	27.14%
26	1940	198,465	510,814	510,814	510,814	38.46%	86	1898	308,440	1,197,373	1,197,373	1,197,373	27.12%
27	1984	161,613	423,132	423,132	423,132	38.19%	87	1877	25,630	95,649	95,649	95,649	26.90%
28	1958	318,974	831,869	831,869	831,869	38.11%	88	1892	135,894	516,474	516,474	516,474	26.39%
29	1975	147,001	386,180	386,180	386,180	37.79%	89	1911	164,481	701,188	701,188	701,188	26.31%
30	1938	219,404	581,824	581,824	581,824	37.72%	90	1953	86,019	329,570	329,570	329,570	26.10%
31	1898	225,867	599,331	599,331	599,331	37.71%	91	1908	360,234	1,391,536	1,391,536	1,391,536	25.86%
32	1899	55,199	252,827	252,827	252,827	37.68%	92	1899	51,353	213,710	213,710	213,710	24.06%
33	1987	214,290	571,478	571,478	571,478	37.50%	93	1818	76,722	394,818	394,818	394,818	23.51%
34	1988	62,338	219,893	219,893	219,893	37.44%	94	1898	86,174	372,822	372,822	372,822	23.11%
35	1934	43,095	116,145	116,145	116,145	37.08%	95	1833	60,028	289,594	289,594	289,594	20.04%
36	1944	150,109	405,391	405,391	405,391	37.03%							
37	1820	158,904	430,813	430,813	430,813	36.86%							
38	2005	288,947	788,500	788,500	788,500	36.83%							
39	1843	254,765	697,182	697,182	697,182	36.54%							
40	1961	91,914	252,681	252,681	252,681	36.36%							

REPORT OF THE KERN RIVER WATERMASTER

JUNE 2008

Quantities in S.F.D. except where noted

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Previous Day	DAY	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 RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW		FRIANT-KERN INFLOW
		ELEVATION (FEET)	MIDNIGHT STORAGE ACRE-FEET				S.F.D. LOSS	POINT		1ST POINT REGULATED FLOW	NATURAL FLOW			RECREATION POOL + DEAD STORAGE = 18,218 S.F.D. (90,186 ACFT)	TOTAL IRRIGATION	
	1	2572.49	251,901	127,000	56	1,138	25	1,161	1,217	1,217	127,000	111,782	4	405	405	0
	2	2572.53	252,203	127,152	71	1,168	28	1,186	1,419	1,419	127,152	111,834	5	418	418	0
	3	2572.50	251,977	127,038	83	1,580	28	1,588	1,634	1,634	127,113	111,985	6	421	421	0
	4	2572.53	252,203	127,152	82	1,611	31	1,642	1,818	1,818	127,106	111,888	4	439	439	0
	5	2572.56	252,431	127,267	62	1,472	28	1,500	1,892	1,892	127,236	112,018	4	398	398	0
	6	2572.61	252,811	127,459	96	1,266	28	1,284	1,582	1,582	127,854	112,338	7	362	362	0
	7	2572.76	253,951	128,034	81	1,181	29	1,210	1,888	1,761	128,024	112,806	6	390	390	0
	8	2572.88	254,867	128,496	85	1,258	30	1,288	1,829	1,829	128,480	113,262	8	393	393	0
	9	2572.93	255,249	128,688	90	1,474	30	1,504	1,788	1,788	128,670	113,452	6	384	384	0
	10	2573.04	255,326	128,727	104	1,558	31	1,589	1,732	1,750	128,727	113,509	7	370	370	0
	11	2573.05	256,166	129,150	102	1,445	28	1,473	1,868	1,868	129,150	113,932	7	315	315	0
	12	2573.11	256,826	129,382	109	1,405	30	1,435	1,755	1,755	128,381	114,143	8	299	299	0
	13	2573.19	257,240	129,692	123	1,250	29	1,279	1,712	1,728	129,688	114,470	8	246	246	0
	14	2573.29	258,007	130,079	104	1,177	32	1,209	1,888	1,888	130,061	114,843	7	233	233	0
	15	2573.34	258,392	130,273	95	1,324	32	1,356	1,645	1,653	130,263	115,045	7	239	239	0
	16	2573.32	258,238	130,195	105	1,557	31	1,588	1,615	1,583	130,153	114,935	7	274	274	0
	17	2573.26	257,776	129,862	100	1,592	31	1,623	1,490	1,528	129,858	114,740	7	300	300	0
	18	2573.19	257,240	129,692	126	1,590	32	1,622	1,478	1,459	129,689	114,451	9	287	287	0
	19	2573.11	256,626	129,382	123	1,664	31	1,695	1,408	1,418	129,369	114,151	9	289	289	0
	20	2573.04	256,089	129,112	113	1,493	31	1,524	1,387	1,395	129,127	113,909	8	328	328	0
	21	2573.07	256,319	129,228	116	1,146	32	1,178	1,410	1,370	129,203	113,985	8	262	262	0
	22	2573.08	256,396	129,266	116	1,146	32	1,180	1,334	1,391	129,288	114,080	8	247	247	0
	23	2573.06	256,243	129,189	123	1,350	32	1,382	1,428	1,340	128,133	113,915	9	239	239	0
	24	2573.00	255,785	128,958	104	1,354	31	1,385	1,258	1,285	128,928	113,711	7	251	251	0
	25	2572.92	255,173	128,650	97	1,350	32	1,382	1,171	1,217	128,687	113,449	7	263	263	0
	26	2572.96	254,714	128,418	85	1,336	32	1,368	1,221	1,170	128,394	113,166	6	244	244	0
	27	2572.79	254,180	128,149	85	1,269	34	1,303	1,119	1,144	128,140	112,922	6	232	232	0
	28	2572.72	253,648	127,881	106	1,221	33	1,254	1,082	1,101	127,881	112,683	7	272	272	0
	29	2572.61	252,811	127,459	97	1,260	36	1,286	971	971	127,459	112,241	7	240	240	0
	30	2572.43	251,446	126,771	94	1,479	34	1,513	919	919	126,771	111,553	7	288	288	0
TOTAL SECOND FOOT DAYS			2,933	41,279	927	42,206	927	44,910	44,910	44,910	128,771	111,553	205	9,350	9,350	0
TOTAL ACRE-FEET			5,818	81,876	1,839	83,715	89,078	89,078	89,078	89,078	251,446	221,262	407	18,546	18,546	0

By: *[Signature]* Date: July 24, 2008

REPORT OF THE KERN RIVER WATERMASTER

JUNE 2008

Quantities in S.F.D. except where noted

NORTH KERN WATER STORAGE DISTRICT

BUENA VISTA WATER STORAGE DISTRICT

HACIENDA WATER DISTRICT

DAY	FLOW ABOVE 187				FLOW ABOVE 187 FT. CARNEL				FLOW ABOVE 187 FT. L _a				ENTITLEMENT				RESERVOIR																																	
	ENTL POINT	FLOW AT 187	POINT	ABOVE 187	ENTL POINT	FLOW AT 187	POINT	ABOVE 187	ENTL POINT	FLOW AT 187	POINT	ABOVE 187	ENTL POINT	FLOW AT 187	POINT	ABOVE 187	ENTL POINT	FLOW AT 187	POINT	ABOVE 187	ENTL POINT	FLOW AT 187	POINT	ABOVE 187	ENTL POINT	FLOW AT 187	POINT	ABOVE 187	ENTL POINT	FLOW AT 187	POINT	ABOVE 187																		
Previous Day	925	712	25	37	73,569	292	19	0	405	0	19	37,528	0	19	37,528	0	19	37,528	0	19	37,528	0	19	37,528	0	19	37,528	0	19	37,528	0	19	37,528																	
1	1,063	988	27	48	73,827	358	0	0	418	1	23	37,440	0	23	37,440	0	23	37,440	0	23	37,440	0	23	37,440	0	23	37,440	0	23	37,440	0	23	37,440																	
2	1,135	988	27	61	73,896	389	8	0	427	2	25	37,369	0	25	37,369	0	25	37,369	0	25	37,369	0	25	37,369	0	25	37,369	0	25	37,369	0	25	37,369																	
3	1,210	1,128	27	66	73,895	424	11	0	421	1	27	37,303	0	27	37,303	0	27	37,303	0	27	37,303	0	27	37,303	0	27	37,303	0	27	37,303	0	27	37,303																	
4	1,253	1,159	29	42	73,916	444	13	0	439	2	20	37,303	0	20	37,303	0	20	37,303	0	20	37,303	0	20	37,303	0	20	37,303	0	20	37,303	0	20	37,303																	
5	1,249	1,065	26	42	74,034	443	9	0	398	2	20	37,317	0	20	37,317	0	20	37,317	0	20	37,317	0	20	37,317	0	20	37,317	0	20	37,317	0	20	37,317																	
6	1,280	887	27	64	74,318	448	17	0	382	1	31	37,354	0	31	37,354	0	31	37,354	0	31	37,354	0	31	37,354	0	31	37,354	0	31	37,354	0	31	37,354																	
7	1,298	777	27	65	74,753	466	14	0	390	2	28	37,387	0	28	37,387	0	28	37,387	0	28	37,387	0	28	37,387	0	28	37,387	0	28	37,387	0	28	37,387																	
8	1,343	853	29	67	75,157	486	12	0	393	1	28	37,438	0	28	37,438	0	28	37,438	0	28	37,438	0	28	37,438	0	28	37,438	0	28	37,438	0	28	37,438																	
9	1,312	1,080	28	61	75,300	472	10	0	394	2	29	37,488	0	29	37,488	0	29	37,488	0	29	37,488	0	29	37,488	0	29	37,488	0	29	37,488	0	29	37,488																	
10	1,288	1,171	29	69	75,320	481	17	0	370	2	34	37,524	0	34	37,524	0	34	37,524	0	34	37,524	0	34	37,524	0	34	37,524	0	34	37,524	0	34	37,524																	
11	1,458	1,108	27	68	75,575	540	22	0	315	1	33	37,693	0	33	37,693	0	33	37,693	0	33	37,693	0	33	37,693	0	33	37,693	0	33	37,693	0	33	37,693																	
12	1,292	1,094	28	73	75,982	463	22	0	299	2	35	37,798	0	35	37,798	0	35	37,798	0	35	37,798	0	35	37,798	0	35	37,798	0	35	37,798	0	35	37,798																	
13	1,274	984	28	62	75,862	455	10	0	248	1	40	37,966	0	40	37,966	0	40	37,966	0	40	37,966	0	40	37,966	0	40	37,966	0	40	37,966	0	40	37,966																	
14	1,245	838	30	69	75,060	441	8	0	233	2	34	38,122	0	34	38,122	0	34	38,122	0	34	38,122	0	34	38,122	0	34	38,122	0	34	38,122	0	34	38,122																	
15	1,223	1,079	30	63	75,111	430	6	0	239	2	31	38,274	0	31	38,274	0	31	38,274	0	31	38,274	0	31	38,274	0	31	38,274	0	31	38,274	0	31	38,274																	
16	1,175	1,270	30	70	75,916	408	13	0	274	1	34	38,360	0	34	38,360	0	34	38,360	0	34	38,360	0	34	38,360	0	34	38,360	0	34	38,360	0	34	38,360																	
17	1,137	1,280	29	66	75,678	391	12	0	300	2	33	38,404	0	33	38,404	0	33	38,404	0	33	38,404	0	33	38,404	0	33	38,404	0	33	38,404	0	33	38,404																	
18	1,090	1,286	31	64	75,357	389	7	0	287	1	41	38,437	0	41	38,437	0	41	38,437	0	41	38,437	0	41	38,437	0	41	38,437	0	41	38,437	0	41	38,437																	
19	1,062	1,269	29	61	75,040	356	6	0	289	2	41	38,455	0	41	38,455	0	41	38,455	0	41	38,455	0	41	38,455	0	41	38,455	0	41	38,455	0	41	38,455																	
20	1,047	1,181	29	75	74,922	348	4	0	328	2	37	38,432	0	37	38,432	0	37	38,432	0	37	38,432	0	37	38,432	0	37	38,432	0	37	38,432	0	37	38,432																	
21	1,030	883	31	77	74,861	340	1	0	282	1	38	38,470	0	38	38,470	0	38	38,470	0	38	38,470	0	38	38,470	0	38	38,470	0	38	38,470	0	38	38,470																	
22	1,044	900	30	77	74,898	347	1	0	247	2	38	38,529	0	38	38,529	0	38	38,529	0	38	38,529	0	38	38,529	0	38	38,529	0	38	38,529	0	38	38,529																	
23	1,009	1,109	31	81	74,988	331	2	0	239	1	41	38,577	0	41	38,577	0	41	38,577	0	41	38,577	0	41	38,577	0	41	38,577	0	41	38,577	0	41	38,577																	
24	972	1,096	29	68	74,465	313	7	0	251	1	35	38,595	0	35	38,595	0	35	38,595	0	35	38,595	0	35	38,595	0	35	38,595	0	35	38,595	0	35	38,595																	
25	925	1,078	30	64	74,217	292	8	0	263	2	32	38,592	0	32	38,592	0	32	38,592	0	32	38,592	0	32	38,592	0	32	38,592	0	32	38,592	0	32	38,592																	
26	893	1,080	31	57	73,932	277	2	0	244	1	28	38,584	0	28	38,584	0	28	38,584	0	28	38,584	0	28	38,584	0	28	38,584	0	28	38,584	0	28	38,584																	
27	878	1,037	32	57	73,682	268	0	0	232	2	28	38,590	0	28	38,590	0	28	38,590	0	28	38,590	0	28	38,590	0	28	38,590	0	28	38,590	0	28	38,590																	
28	846	946	32	69	73,478	255	0	0	272	1	38	38,538	0	38	38,538	0	38	38,538	0	38	38,538	0	38	38,538	0	38	38,538	0	38	38,538	0	38	38,538																	
29	758	1,018	34	63	73,123	213	4	0	240	2	33	38,470	0	33	38,470	0	33	38,470	0	33	38,470	0	33	38,470	0	33	38,470	0	33	38,470	0	33	38,470																	
30	722	1,181	32	61	72,571	197	10	0	288	2	32	38,335	0	32	38,335	0	32	38,335	0	32	38,335	0	32	38,335	0	32	38,335	0	32	38,335	0	32	38,335																	
S.F.D.	33,488	31,677	879	1,950	72,571	11,422	262	0	9,350	48	963	38,335	0	963	38,335	0	963	38,335	0	963	38,335	0	963	38,335	0	963	38,335	0	963	38,335	0	963	38,335																	
AC.F.T.	68,423	62,830	1,744	3,888	143,943	22,855	500	0	18,548	95	1,910	78,038	0	1,910	78,038	0	1,910	78,038	0	1,910	78,038	0	1,910	78,038	0	1,910	78,038	0	1,910	78,038	0	1,910	78,038																	
TOTAL ACRE-FOOT STORAGE DAYS																4,443,810	TOTAL ACRE-FOOT STORAGE DAYS																2,263,439	TOTAL ACRE-FOOT STORAGE DAYS																39,189

REPORT OF THE KERN RIVER WATERMASTER

JUNE 2008

WATERMASTER NOTES *** KERN RIVER BULLETIN

PAGE 5 of 5

MONTH

June

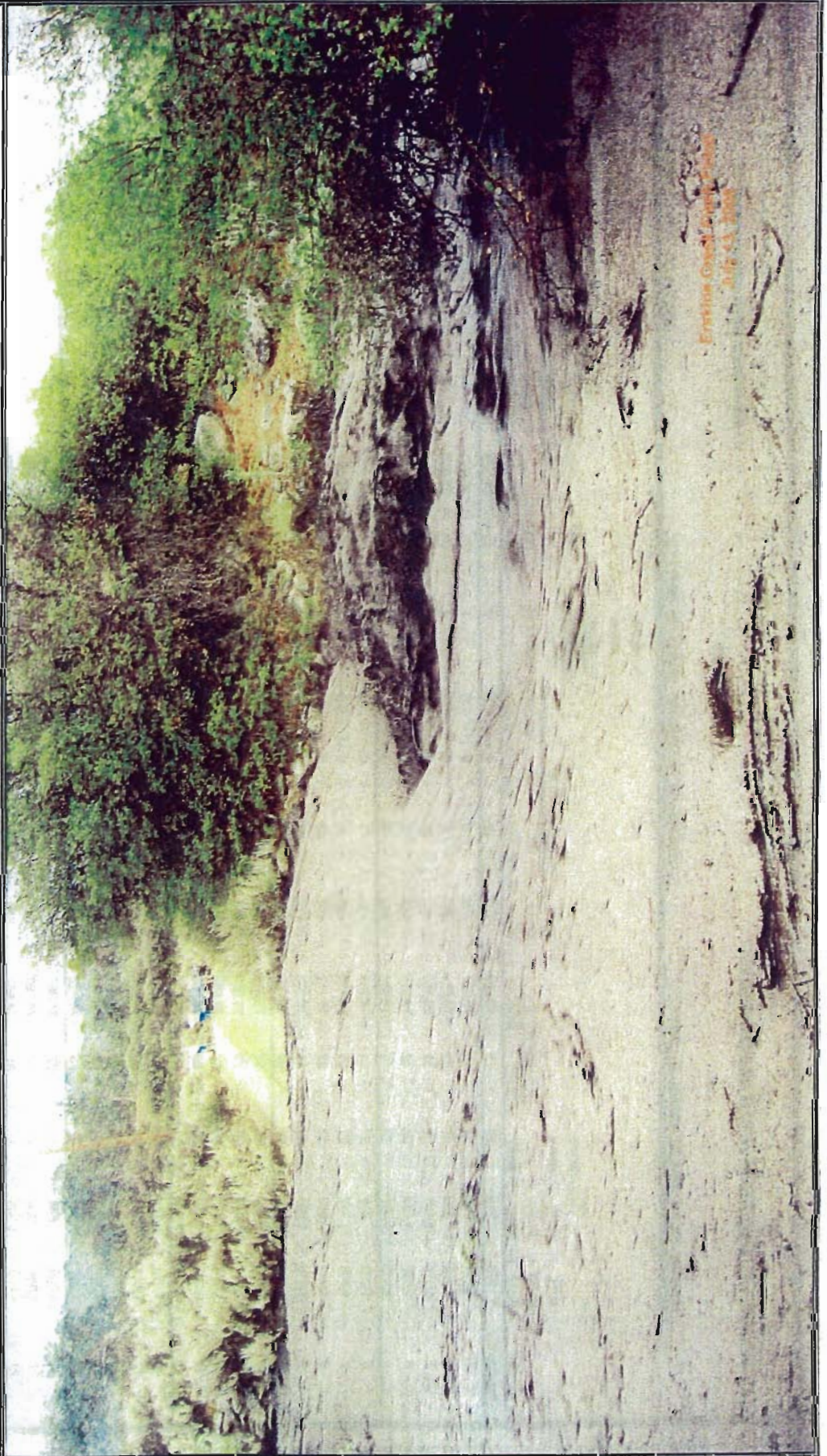
DAY(S)

PAGE NO.

TITLE OF COLUMN

COMMENT

None



REPORT OF THE KERN RIVER WATERMASTER

JULY 2008

PAGE 1 of 5

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		COMPUTED 1ST POINT NATURAL FLOW	MEAN 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		FRAMT. KERN RIFLOW DAY
		RESERVOIR MIDNIGHT STORAGE	LOSS S.F.D.				STORAGE + 1ST POINT REGULATED FLOW	STORAGE - 1ST POINT NATURAL FLOW					KERN RIVER	FRAMT. KERN RIFLOW	
Previous Day	2572.43	251,448	128,771	94	1,479	34	1,513	919	919	128,771	111,583	288	288	0	0
1	2572.20	249,707	125,884	107	1,555	35	1,580	820	820	125,884	110,878	6	338	0	0
2	2571.98	247,900	124,983	104	1,579	34	1,613	806	810	124,987	109,789	6	342	0	0
3	2571.75	246,328	124,189	109	1,470	34	1,504	619	827	124,201	108,983	8	337	0	0
4	2571.58	245,054	123,548	106	1,353	38	1,381	858	828	123,532	108,314	8	314	0	0
5	2571.43	243,838	122,984	101	1,233	38	1,272	809	797	122,956	107,738	7	315	0	0
6	2571.25	242,589	122,310	115	1,249	35	1,284	725	739	122,288	107,076	9	273	0	0
7	2571.03	240,968	121,488	107	1,359	38	1,397	682	716	121,510	106,282	8	270	0	0
8	2570.81	239,345	120,870	114	1,414	38	1,450	748	730	120,878	105,458	9	284	0	0
9	2570.57	237,582	119,781	138	1,479	34	1,513	782	687	119,712	104,484	11	285	0	0
10	2570.25	235,244	118,802	130	1,568	35	1,601	552	660	118,641	103,423	10	306	0	0
11	2569.98	233,135	117,539	134	1,557	38	1,585	686	640	117,552	102,334	11	282	0	0
12	2569.74	231,543	116,738	91	1,381	34	1,415	703	888	116,742	101,524	7	277	0	0
13	2569.53	230,028	115,973	44	1,410	29	1,439	720	714	115,973	100,755	4	359	0	0
14	2569.34	228,883	115,284	58	1,451	23	1,474	843	843	115,284	100,088	5	327	0	0
15	2569.20	227,982	114,780	74	1,188	17	1,205	775	747	114,752	99,534	6	87	0	0
16	2569.05	226,569	114,239	92	1,115	24	1,139	690	721	114,242	98,024	8	82	0	0
17	2568.91	225,593	113,737	103	1,070	28	1,098	697	694	113,737	96,519	8	128	0	0
18	2568.83	225,024	113,450	108	928	35	961	782	782	113,450	95,232	9	135	0	0
19	2568.72	224,244	113,058	117	914	38	950	673	849	113,032	97,814	10	131	0	0
20	2568.59	223,323	112,592	94	835	34	869	598	601	112,570	97,352	8	88	0	0
21	2568.38	221,841	111,845	93	1,153	32	1,185	531	530	111,822	96,604	6	89	0	0
22	2568.14	220,155	110,895	91	1,181	38	1,219	480	498	111,011	95,793	8	96	0	0
23	2567.91	218,548	110,184	93	1,180	35	1,225	507	475	110,188	94,950	8	138	0	0
24	2567.70	217,083	109,446	97	1,084	35	1,089	458	489	109,441	94,223	8	156	0	0
25	2567.50	215,898	108,747	112	991	38	1,029	442	418	108,718	93,500	10	188	0	0
26	2567.27	214,105	107,945	105	1,015	36	1,051	354	379	107,941	92,723	9	240	0	0
27	2567.01	212,318	107,043	120	1,089	35	1,124	342	350	107,047	91,829	11	280	0	0
28	2566.72	210,333	106,043	108	1,210	36	1,246	354	350	106,043	90,825	10	323	0	0
29	2566.40	208,157	104,946	101	1,316	34	1,350	354	351	104,943	89,725	9	353	0	0
30	2566.04	205,724	103,719	105	1,432	36	1,468	348	349	103,719	89,501	10	411	0	0
31	2565.68	203,176	102,435	108	1,471	38	1,509	333	333	102,435	87,217	10	450	0	0
TOTAL SECOND FOOT DAYS		3,179	39,316	1,047	40,383	18,208	19,208	19,208	19,208	102,435	87,217	263	7,878	7,878	0
TOTAL ACRE-FEET		6,305	77,982	2,077	80,059	38,095	38,095	38,095	38,095	203,176	172,992	522	15,225	15,225	0

By:  Date: August 18, 2008

REPORT OF THE KERN RIVER WATERMASTER

JULY 2008

Quantities in S.F.D. except where noted

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				RESERVOIR STORAGE		ENTL		FLOW ABOVE 1ST PT. CARMEL		RESERVOIR STORAGE		ENTL		FLOW		RESERVOIR STORAGE																																																	
	POINT	POINT	POINT	POINT	LOSS	STORAGE	POINT	POINT	VIA ROND	VIA CWD	VIA AT 2ND POINT	HACIENDA INC.	LA	LOSS	STORAGE	POINT	POINT	1ST FT.	2ND FT.	LOSS	STORAGE	POINT	POINT	1ST FT.	2ND FT.	LOSS	STORAGE																																															
Previous Day	722	1,181	32	61	72,571	197	10	0	288	2	32	38,335	647																																																													
1	655	1,213	32	70	71,911	185	6	0	336	3	36	38,119	848																																																													
2	648	1,230	31	68	71,230	182	7	0	342	3	35	37,694	845																																																													
3	658	1,128	31	71	70,659	168	5	0	337	3	37	37,680	844																																																													
4	680	1,033	35	68	70,182	188	6	0	314	3	38	37,489	843																																																													
5	638	910	38	66	69,909	158	8	0	315	3	34	37,287	842																																																													
6	659	959	32	75	69,342	140	17	0	273	3	39	37,095	841																																																													
7	585	1,072	35	70	66,750	133	17	0	270	3	38	36,902	840																																																													
8	593	1,107	33	74	66,129	137	23	0	284	3	39	36,680	839																																																													
9	564	1,177	31	80	67,395	123	17	0	285	3	47	36,481	838																																																													
10	545	1,237	32	85	66,586	115	23	0	308	3	44	36,200	837																																																													
11	532	1,281	35	87	65,735	108	14	0	282	3	48	35,963	836																																																													
12	570	1,089	31	59	65,128	126	15	0	277	3	31	35,763	835																																																													
13	582	1,039	26	29	64,614	132	12	0	359	3	15	35,506	835																																																													
14	670	1,107	21	38	64,118	173	17	0	327	2	20	35,313	835																																																													
15	605	1,091	18	49	63,567	142	10	0	87	1	25	35,332	835																																																													
16	587	1,041	23	59	63,031	134	12	0	82	1	32	35,359	834																																																													
17	569	937	23	66	62,574	125	7	0	128	3	38	35,312	833																																																													
18	629	779	32	89	62,323	153	12	0	135	3	38	35,277	832																																																													
19	538	772	33	75	61,981	111	11	0	131	3	41	35,202	831																																																													
20	505	838	31	60	61,557	96	11	0	88	3	33	35,185	830																																																													
21	457	1,037	29	59	60,989	73	8	9	99	3	33	35,088	829																																																													
22	436	927	35	58	60,305	63	8	150	98	3	32	34,880	828																																																													
23	419	887	32	59	59,748	56	6	159	138	3	33	34,577	827																																																													
24	415	738	32	62	59,331	54	15	157	158	3	34	34,288	826																																																													
25	380	669	35	71	58,938	36	15	119	188	3	40	33,939	825																																																													
26	354	642	33	67	58,548	25	15	118	240	3	37	33,551	824																																																													
27	334	661	32	77	58,112	16	17	121	290	3	42	33,084	823																																																													
28	334	759	33	69	57,585	16	7	121	323	3	38	32,618	822																																																													
29	335	789	31	65	57,035	16	16	158	353	3	35	32,069	821																																																													
30	333	842	33	66	56,425	16	16	163	411	3	38	31,458	820																																																													
31	323	844	35	70	55,799	10	16	181	450	3	37	30,799	819																																																													
S.F.D.	18,054	29,813	959	2,054	55,799	3,152	391	1,438	7,878	88	1,097	30,799	819	S.F.D.																																																												
AC.F.T.	31,843	58,133	1,902	4,073	110,875	6,252	776	2,846	15,225	176	2,178	81,089	1,228	AC.F.T.																																																												
TOTAL ACRE-FOOT STORAGE DAYS		3,910,074																							TOTAL ACRE-FOOT STORAGE DAYS		2,168,592																							TOTAL ACRE-FOOT STORAGE DAYS		38,908																						

JULY 2008

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH DAY(S) PAGE NO. TITLE OF COLUMN

July 21 2

BWSD VIA CWD

COMMENT

Delivered pursuant to terms of BUENA VISTA WATER STORAGE DISTRICT/Caneio Water District Exchange Agreement dated July 21, 1983 as confirmed in Buena Vista WSD letter dated June 4, 2008.

KERN RIVER NATURAL FLOW
FIRST POINT OF MEASUREMENT
APRIL - JULY
1984 TO DATE

In order of Magnitude

Quantities in acre-feet

YEAR	APR	MAY	JUN	JUL	TOTAL	% OF AVERAGE
1984	24,197	24,990	14,099	8,274	71,560	79%
1985	24,990	24,990	14,099	8,274	71,560	79%
1986	24,990	24,990	14,099	8,274	71,560	79%
1987	24,990	24,990	14,099	8,274	71,560	79%
1988	24,990	24,990	14,099	8,274	71,560	79%
1989	24,990	24,990	14,099	8,274	71,560	79%
1990	24,990	24,990	14,099	8,274	71,560	79%
1991	24,990	24,990	14,099	8,274	71,560	79%
1992	24,990	24,990	14,099	8,274	71,560	79%
1993	24,990	24,990	14,099	8,274	71,560	79%
1994	24,990	24,990	14,099	8,274	71,560	79%
1995	24,990	24,990	14,099	8,274	71,560	79%
1996	24,990	24,990	14,099	8,274	71,560	79%
1997	24,990	24,990	14,099	8,274	71,560	79%
1998	24,990	24,990	14,099	8,274	71,560	79%
1999	24,990	24,990	14,099	8,274	71,560	79%
2000	24,990	24,990	14,099	8,274	71,560	79%
2001	24,990	24,990	14,099	8,274	71,560	79%
2002	24,990	24,990	14,099	8,274	71,560	79%
2003	24,990	24,990	14,099	8,274	71,560	79%
2004	24,990	24,990	14,099	8,274	71,560	79%
2005	24,990	24,990	14,099	8,274	71,560	79%
2006	24,990	24,990	14,099	8,274	71,560	79%
2007	24,990	24,990	14,099	8,274	71,560	79%
2008	24,990	24,990	14,099	8,274	71,560	79%
1984	191,203	157,753	79,764	34,149	462,769	161%
1985	191,203	157,753	79,764	34,149	462,769	161%
1986	191,203	157,753	79,764	34,149	462,769	161%
1987	191,203	157,753	79,764	34,149	462,769	161%
1988	191,203	157,753	79,764	34,149	462,769	161%
1989	191,203	157,753	79,764	34,149	462,769	161%
1990	191,203	157,753	79,764	34,149	462,769	161%
1991	191,203	157,753	79,764	34,149	462,769	161%
1992	191,203	157,753	79,764	34,149	462,769	161%
1993	191,203	157,753	79,764	34,149	462,769	161%
1994	191,203	157,753	79,764	34,149	462,769	161%
1995	191,203	157,753	79,764	34,149	462,769	161%
1996	191,203	157,753	79,764	34,149	462,769	161%
1997	191,203	157,753	79,764	34,149	462,769	161%
1998	191,203	157,753	79,764	34,149	462,769	161%
1999	191,203	157,753	79,764	34,149	462,769	161%
2000	191,203	157,753	79,764	34,149	462,769	161%
2001	191,203	157,753	79,764	34,149	462,769	161%
2002	191,203	157,753	79,764	34,149	462,769	161%
2003	191,203	157,753	79,764	34,149	462,769	161%
2004	191,203	157,753	79,764	34,149	462,769	161%
2005	191,203	157,753	79,764	34,149	462,769	161%
2006	191,203	157,753	79,764	34,149	462,769	161%
2007	191,203	157,753	79,764	34,149	462,769	161%
2008	191,203	157,753	79,764	34,149	462,769	161%
MAXIMUM	461,749	617,689	671,848	300,041	1,949,874	373%
MINIMUM	24,990	24,990	14,099	8,274	62,353	87%
AVERAGE	66,683	158,667	138,559	71,268	435,177	100%

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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 INFLOW DAY
		ACRE-FOOT	S.F.D.				LOSS	LOSS		Recreation Pool + Dead Storage = 16,218 S.F.D. (30,184 ACFT)	IRRIGATION		RECREATION POOL LOSS	SECOND POINT RIVER	FRIANT-KERN	KERN	
Previous Day	2565.86	203,176	102,435	108	1,471	1,509	333	333	333	102,435	87,217	10	450	450	0	0	0
1	2565.29	200,712	101,192	98	1,423	1,458	313	313	318	101,197	85,979	9	488	488	0	0	1
2	2564.96	198,532	100,093	113	1,279	1,314	328	310	310	100,080	84,882	11	458	458	0	0	2
3	2564.82	198,299	98,967	110	1,272	1,306	290	300	300	98,984	83,746	11	459	459	0	0	3
4	2564.19	193,498	97,555	89	1,573	1,608	283	281	281	97,550	82,332	9	485	485	0	0	4
5	2563.75	190,658	96,123	86	1,584	1,617	271	268	268	96,115	80,997	9	489	489	0	0	5
6	2563.33	187,970	94,788	90	1,480	1,516	251	272	272	94,781	78,593	9	510	510	0	0	6
7	2562.90	185,243	93,393	98	1,537	1,570	283	287	287	93,380	76,162	10	591	591	0	0	7
8	2562.44	182,354	91,937	97	1,562	1,615	256	279	279	91,947	74,729	10	588	588	0	0	8
9	2562.03	179,801	90,650	94	1,446	1,480	287	274	274	90,947	73,429	10	555	555	0	0	9
10	2561.63	177,334	89,408	108	1,363	1,416	278	286	286	89,393	74,175	12	548	548	0	0	10
11	2561.19	174,844	88,050	88	1,473	1,507	239	272	272	88,070	72,852	10	552	552	0	0	11
12	2560.77	172,100	86,787	85	1,463	1,498	300	277	277	86,764	71,546	10	535	535	0	0	12
13	2560.38	169,760	85,587	95	1,345	1,378	293	289	289	85,560	70,362	11	485	485	0	0	13
14	2560.02	167,616	84,506	86	1,237	1,271	276	276	276	84,499	69,281	10	420	420	0	0	14
15	2559.72	165,845	83,614	107	1,008	1,043	258	270	270	83,819	68,401	13	320	320	0	0	15
16	2559.47	164,377	82,873	99	882	917	275	274	274	82,877	67,859	12	287	287	0	0	16
17	2559.22	162,918	82,136	94	896	929	288	259	259	82,113	66,995	12	225	225	0	0	17
18	2558.88	160,946	81,144	97	1,075	1,110	213	257	257	81,183	65,945	12	208	208	0	0	18
19	2558.55	159,046	80,186	89	1,107	1,141	272	245	245	80,178	64,980	11	191	191	0	0	19
20	2558.28	157,503	79,408	76	1,008	952	249	251	251	79,402	64,184	10	103	103	0	0	20
21	2558.06	156,254	78,778	70	758	792	232	242	242	78,782	63,564	9	24	24	0	0	21
22	2557.88	155,236	78,265	76	646	681	244	235	235	78,260	63,042	10	15	15	0	0	22
23	2557.72	154,338	77,811	75	572	607	228	239	239	77,817	62,599	10	0	0	0	0	23
24	2557.55	153,381	77,330	87	605	639	245	222	222	77,313	62,095	12	0	0	0	0	24
25	2557.33	152,152	76,710	75	704	738	193	218	218	76,718	61,498	10	0	0	0	0	25
26	2557.11	150,930	76,094	90	699	735	209	200	200	76,091	60,873	12	0	0	0	0	26
27	2556.88	149,680	75,454	72	730	766	198	202	202	75,455	60,237	10	0	0	0	0	27
28	2556.67	148,505	74,871	79	671	704	204	202	202	74,874	59,658	11	0	0	0	0	28
29	2556.42	147,139	74,163	83	778	813	208	199	199	74,177	58,959	12	0	0	0	0	29
30	2556.15	145,872	73,443	78	819	853	189	195	195	73,443	58,225	11	0	0	0	0	30
31	2555.90	144,323	72,763	109	723	756	185	185	185	72,763	57,545	16	0	0	0	0	31
TOTAL SECOND FOOT DAYS				2,788	33,667	34,728	7,844	7,844	7,844	72,763	57,545	334	8,492	8,492	0	0	0
TOTAL ACRE-FOOT				5,530	66,777	68,881	15,558	15,558	15,558	144,323	114,139	682	18,843	18,843	0	0	0

By: *ASD*

Date: September 18, 2008

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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 2ND POINT		FLOW VIA		RESERVOIR STORAGE		ENTITLEMENT Contributed by:		FLOW FOR		RESERVOIR STORAGE												
	323	844	35	70	55,799	10	AT 2ND POINT	VIA KWD	VIA CWD	AT 2ND POINT	INC	LOSS	37	30,799	HWSD	BVMSD	KCWA	LOSS	819										
Previous Day	323	844	35	70	55,799	10	AT 2ND POINT	VIA KWD	VIA CWD	AT 2ND POINT	INC	LOSS	37	30,799	HWSD	BVMSD	KCWA	LOSS	819										
1	312	948	32	63	55,088	6	0	466	3	34	30,283	0	0	1	618	1	0	0	618										
2	307	816	32	73	54,454	3	0	458	3	39	29,791	0	0	1	617	2	0	0	617										
3	300	807	31	71	53,845	0	0	459	3	38	29,265	0	0	1	616	3	0	0	616										
4	281	1,078	31	58	52,959	0	0	495	2	30	28,758	0	0	1	615	4	0	0	615										
5	268	1,114	32	56	52,025	0	0	489	1	29	28,258	0	0	1	614	5	0	0	614										
6	272	967	34	56	51,238	0	0	510	2	31	27,712	0	0	1	613	6	0	0	613										
7	267	956	32	64	50,453	0	0	581	1	33	27,097	0	0	1	612	7	0	0	612										
8	279	994	31	63	49,644	0	0	588	2	33	26,474	0	0	1	611	8	0	0	611										
9	274	883	33	82	48,940	0	0	555	1	31	25,879	0	0	1	610	9	0	0	610										
10	268	827	32	70	48,279	0	0	548	1	35	25,287	0	0	1	609	10	0	0	609										
11	272	914	33	56	47,546	0	0	552	1	29	24,898	0	0	1	608	11	0	0	608										
12	277	919	33	56	46,815	0	0	535	2	28	24,124	0	0	1	607	12	0	0	607										
13	289	849	32	63	46,160	0	0	485	1	31	23,596	0	0	1	606	13	0	0	606										
14	276	812	32	57	45,535	0	0	420	2	28	23,141	0	0	1	605	14	0	0	605										
15	270	833	34	71	45,067	0	0	320	2	35	22,760	0	0	1	554	15	50	0	554										
16	274	521	34	66	44,720	0	0	287	1	32	22,436	0	0	1	503	16	50	0	503										
17	259	638	32	63	44,246	0	0	225	1	30	22,147	0	0	1	502	17	0	0	502										
18	257	833	33	65	43,572	0	0	206	2	31	21,872	0	0	1	501	18	0	0	501										
19	245	862	33	59	42,843	0	0	191	2	29	21,817	0	0	1	500	19	0	0	500										
20	251	775	33	50	42,236	0	0	103	2	24	21,449	0	0	1	499	20	0	0	499										
21	242	608	33	47	41,790	0	0	24	0	23	21,354	0	0	1	420	21	79	0	420										
22	235	510	34	51	41,430	0	0	15	0	25	21,272	0	0	1	340	22	80	0	340										
23	239	475	34	51	41,109	0	0	0	0	24	21,215	0	0	1	275	23	65	0	275										
24	222	571	32	59	40,689	0	0	0	0	28	21,151	0	0	1	275	24	0	0	275										
25	216	601	33	50	40,201	0	0	0	0	25	21,088	0	0	1	209	25	68	0	209										
26	200	590	34	60	39,717	0	0	5	0	30	21,014	0	0	1	142	26	87	0	142										
27	202	499	35	46	39,337	0	0	41	124	24	20,824	0	0	1	78	27	66	0	78										
28	202	439	32	53	39,015	0	0	44	122	26	20,631	0	0	1	10	28	66	0	10										
29	199	648	34	55	38,477	0	0	38	84	28	20,482	0	0	1	0	29	10	0	0										
30	195	704	33	51	37,884	0	0	31	84	25	20,341	0	0	1	0	30	0	0	0										
31	185	570	32	73	37,394	0	0	32	121	38	20,151	0	0	1	0	31	0	0	0										
S.F.D.	7,835	23,361	1,015	1,844	37,394	9	655	540	8,492	46	924	1,833	39,569	20	0	S.F.D.	599	20	0										
AC.FT.	15,540	46,377	2,014	3,657	74,170	18	1,298	1,071	16,843	90	1,833	39,569	40	0	AC.FT.	1,188	40	0	0										
TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS									
2,782,150										1,460,264										26,513									

REPORT OF THE KERN RIVER WATERMASTER

AUGUST 2008
 WATERMASTER NOTES *** KERN RIVER BULLETIN

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

2008 APRIL-JULY UNIMPAIRED RUNOFF
 Central Valley Streams

April-July Flows
 in 1000 Acre-feet

Watershed	(1) 50-Year Average	Median Forecast as of				(2) 2008 Actual	% of Average
		Feb. 1	Mar. 1	Apr. 1	May 1		
Sacramento River above Bend Bridge	2,494	2,190	2,180	2,120	1,860	1,501	60%
Feather River at Oroville Reservoir	1,782	1,570	1,740	1,360	1,180	983	56%
Yuba River at Smartville	1,008	870	960	810	630	632	63%
American River at Folsom Reservoir	1,240	1,150	1,180	940	780	849	52%
Cosummes River at Michigan Bar	126	115	120	85	62	48	38%
Mokelumne River at Pardee Reservoir	481	450	460	370	290	271	59%
Stanislaus River at Melones Reservoir	702	670	700	590	500	441	63%
Tuolumne River at Don Pedro Reservoir	1,220	1,180	1,220	1,010	870	785	84%
Merced River at Lake McClure	632	580	610	480	400	410	65%
San Joaquin River at Millerton Lake	1,254	1,210	1,240	1,040	880	825	66%
Kings River at Pine Flat Reservoir	1,224	1,200	1,280	1,100	970	917	75%
Kaweah River at Terminus Reservoir	286	270	320	260	230	223	78%
Tule River at Success Reservoir	84	55	67	46	37	30	47%
KERN RIVER AT ISABELLA LAKE	481	430	500	380	330	331	72%

(1) All 50-year averages are based on data for water years 1956-2005 (2) Source: State of California Department of Water Resources

REPORT OF THE KERN RIVER WATERMASTER

SEPTEMBER 2008

Quantities in S.F.D. except where noted

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DAY	ELEVATION (FEET)	ISABELLA RESERVOIR		FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	RIO BRAVO WELL	RIO BRAVO WELL	COMPUTED 1ST POINT NATURAL FLOW	MEAN STORAGE TOTAL	KERN COUNTY RECREATION POOL LOSS	TOTAL FLOW AT SECOND POINT	SECOND POINT GROUP FLOW	
		MIDNIGHT STORAGE	ACRE-FEET										AT 2ND POINT	KERN RIVER
Previous Day	2555.90	144,323	72,783	108	723	33	0	185	185	72,783	57,545	18	0	0
1	2555.70	143,250	72,222	85	604	32	0	180	181	72,223	57,005	12	0	0
2	2555.49	142,128	71,656	90	625	35	0	184	184	71,657	56,439	13	0	0
3	2555.29	141,084	71,120	78	617	31	0	188	184	71,117	55,899	11	0	0
4	2555.08	140,007	70,587	74	608	33	0	180	187	70,601	55,363	11	0	0
5	2554.92	139,113	70,138	78	586	33	0	224	199	70,125	54,907	12	0	0
6	2554.77	138,328	69,739	75	481	34	0	193	186	69,733	54,515	11	0	0
7	2554.61	137,481	69,316	83	484	32	0	178	178	69,312	54,084	13	0	0
8	2554.42	136,503	68,820	77	550	35	0	164	173	68,823	53,605	12	0	0
9	2554.24	135,572	68,351	73	541	31	0	176	167	68,345	53,127	11	0	0
10	2554.07	134,695	67,909	70	500	34	0	183	183	67,904	52,688	11	0	0
11	2553.92	133,928	67,521	66	442	32	0	152	166	67,530	52,312	10	0	0
12	2553.78	133,261	67,186	64	420	34	0	183	168	67,178	51,980	10	0	0
13	2553.65	132,548	66,828	68	424	31	0	163	168	66,823	51,605	11	0	0
14	2553.47	131,635	66,366	80	504	33	0	157	166	66,372	51,154	13	0	0
15	2553.28	130,674	65,882	84	549	30	0	179	173	65,882	50,664	14	0	0
16	2553.08	129,720	65,401	76	557	31	0	183	169	65,387	50,189	13	0	0
17	2552.91	128,820	64,947	57	519	27	3	148	163	64,950	49,732	9	0	0
18	2552.74	127,974	64,520	58	506	27	3	161	158	64,520	49,302	10	0	0
19	2552.60	127,279	64,170	47	444	28	3	168	158	64,162	48,944	8	0	0
20	2552.47	126,637	63,846	60	382	31	3	146	153	63,845	48,627	10	0	0
21	2552.35	126,046	63,548	42	374	30	3	145	151	63,553	48,335	7	0	0
22	2552.22	125,408	63,227	50	404	31	3	161	159	63,230	48,012	9	0	0
23	2552.10	124,820	62,930	72	370	29	3	171	173	62,935	47,717	12	0	0
24	2552.00	124,333	62,685	67	337	32	3	188	173	62,675	47,457	12	0	0
25	2551.90	123,846	62,439	57	324	29	3	161	174	62,442	47,224	10	0	0
26	2551.82	123,457	62,243	52	289	30	3	172	161	62,235	47,017	9	0	0
27	2551.73	123,022	62,024	55	289	29	3	151	160	62,025	46,807	10	0	0
28	2551.64	122,587	61,804	55	291	33	3	156	156	61,607	46,589	10	0	0
29	2551.55	122,153	61,586	44	314	29	3	168	163	61,586	46,388	6	0	0
30	2551.47	121,789	61,392	51	295	30	3	179	179	61,392	46,174	9	0	0
TOTAL SECOND FOOT DAYS		1,984	13,608	938	14,544	42	5,115	5,115	5,115	81,392	46,174	321	0	0
TOTAL ACRE-FEET		3,635	28,991	1,657	28,648	63	10,145	10,145	10,145	121,789	91,585	637	0	0

By: *[Signature]*

Date: October 17, 2008

REPORT OF THE KERN RIVER WATERMASTER

SEPTEMBER 2008

Quantities in S.F.D. except where noted

NORTH KERN WATER STORAGE DISTRICT										BUENA VISTA WATER STORAGE DISTRICT										HACIENDA WATER DISTRICT									
DAY	ENTL AT 1ST POINT	FLOW ABOVE 1ST POINT	ENTL AT 1ST POINT	RESERVOIR STORAGE	ENTL AT 1ST POINT	FLOW			ENTL AT 1ST POINT	RESERVOIR STORAGE	LOSS	ENTL AT 1ST POINT	RESERVOIR STORAGE	LOSS	FLOW			ENTL AT 1ST POINT	RESERVOIR STORAGE	LOSS	DAY								
						VIA RDWD	VIA CWD	AT 2ND POINT							HACIENDA INC.	RESERVOIR STORAGE	LOSS					ENTL AT 1ST POINT	RESERVOIR STORAGE	LOSS					
Previous Day	185	570	32	73	37,394	0	32	121	0	1	36	20,151	0	0	0	0	0	0	0	0	0	0							
1	181	460	32	56	37,027	0	33	111	0	0	29	19,978	0	0	0	0	0	0	0	0	0	1							
2	184	477	35	60	38,639	0	34	114	0	0	30	19,800	0	0	0	0	0	0	0	0	0	2							
3	184	486	31	50	36,276	0	33	118	0	0	28	19,823	0	0	0	0	0	0	0	0	0	3							
4	197	492	33	49	35,899	0	35	79	0	0	25	19,484	0	0	0	0	0	0	0	0	0	4							
5	199	450	33	50	35,565	0	33	83	0	0	28	19,342	0	0	0	0	0	0	0	0	0	5							
6	198	378	34	50	35,303	0	27	78	0	0	25	19,212	0	0	0	0	0	0	0	0	0	6							
7	178	382	32	55	35,012	0	30	72	0	0	28	19,082	0	0	0	0	0	0	0	0	0	7							
8	173	440	35	51	34,659	0	29	81	0	0	28	18,948	0	0	0	0	0	0	0	0	0	8							
9	167	489	31	48	34,278	0	24	48	0	0	25	18,849	0	0	0	0	0	0	0	0	0	9							
10	163	449	34	46	33,912	0	20	31	0	0	24	18,774	0	0	0	0	0	0	0	0	0	10							
11	166	422	32	44	33,580	0	20	0	0	0	22	18,732	0	0	0	0	0	0	0	0	0	11							
12	168	401	34	42	33,269	0	19	0	0	0	22	18,691	0	0	0	0	0	0	0	0	0	12							
13	168	405	31	45	32,956	0	19	0	0	0	23	18,649	0	0	0	0	0	0	0	0	0	13							
14	168	488	33	53	32,550	0	18	0	0	0	27	18,604	0	0	0	0	0	0	0	0	0	14							
15	173	522	30	55	32,116	0	27	0	0	0	29	18,548	0	0	0	0	0	0	0	0	0	15							
16	169	433	31	50	31,771	0	35	89	0	0	28	18,398	0	0	0	0	0	0	0	0	0	16							
17	163	381	27	37	31,492	0	37	101	0	0	20	18,240	0	0	0	0	0	0	0	0	0	17							
18	158	369	27	38	31,219	0	38	99	0	0	20	18,083	0	0	0	0	0	0	0	0	0	18							
19	158	345	28	31	30,976	0	34	85	0	0	18	17,968	0	0	0	0	0	0	0	0	0	19							
20	153	293	31	39	30,769	0	25	64	0	0	21	17,858	0	0	0	0	0	0	0	0	0	20							
21	151	310	30	27	30,558	0	0	64	0	0	15	17,779	0	0	0	0	0	0	0	0	0	21							
22	159	337	31	33	30,317	0	4	63	0	0	17	17,695	0	0	0	0	0	0	0	0	0	22							
23	173	337	29	47	30,080	0	5	28	0	0	25	17,637	0	0	0	0	0	0	0	0	0	23							
24	173	304	32	44	29,876	0	5	28	0	0	23	17,581	0	0	0	0	0	0	0	0	0	24							
25	174	288	29	37	29,699	0	5	31	0	0	20	17,525	0	0	0	0	0	0	0	0	0	25							
26	161	258	30	34	29,543	0	5	28	0	0	18	17,474	0	0	0	0	0	0	0	0	0	26							
27	160	257	29	36	29,384	0	5	27	0	0	19	17,423	0	0	0	0	0	0	0	0	0	27							
28	158	260	33	36	29,216	0	5	26	0	0	19	17,373	0	0	0	0	0	0	0	0	0	28							
29	163	262	29	29	29,042	0	5	27	0	0	15	17,326	0	0	0	0	0	0	0	0	0	29							
30	179	262	30	33	28,899	0	5	28	0	0	18	17,275	0	0	0	0	0	0	0	0	0	30							
S.F.D.	5,115	11,411	938	1,305	28,899	0	614	1,583	0	0	679	17,275	0	0	0	0	0	0	0	0	0	S.F.D.							
AC.F.T.	10,145	22,632	1,857	2,588	57,321	0	1,218	3,141	0	0	1,347	34,284	0	0	0	0	0	0	0	0	0	AC.F.T.							
TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS									
1,927,695										1,094,774										0									

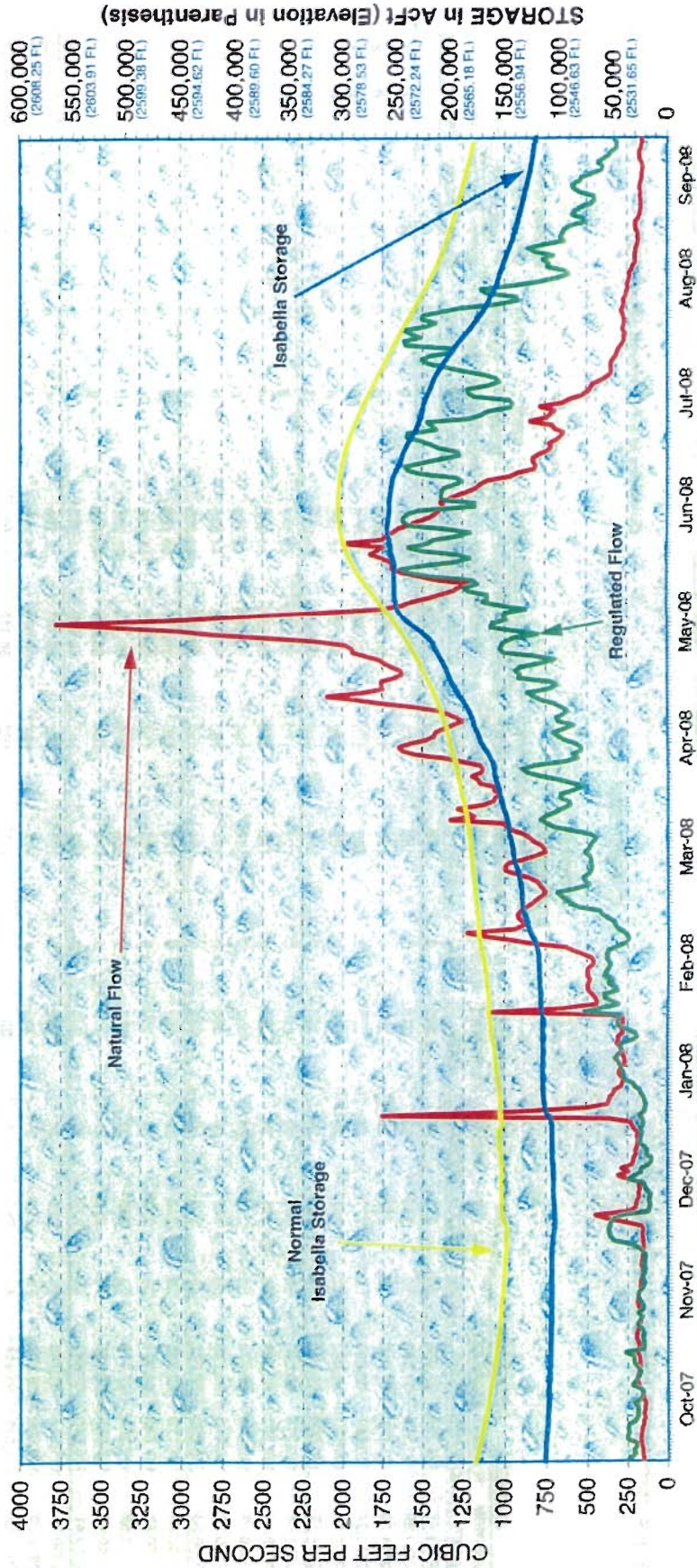
REPORT OF THE KERN RIVER WATERMASTER

SEPTEMBER 2008
 WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAY(S)	PAGE NO.	TITLE OF COLUMN	COMMENT
September	17-30	1	RIO BRAVO WELL	Reflects well water discharge to Kern River pursuant to terms of Kern River Watermaster/Nickel Family LLC "Agreement for Transportation and Delivery of Rio Bravo Well Water" dated September 15, 2008.

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

2007 - 2008 WATER YEAR



REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

OCTOBER 2008

DAY	ISABELLA RESERVOIR		FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	FIRST POINT REGULATED FLOW	RIO BRAVO WELL	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		FRAMT. KERN INFLOW DAY
	ELEVATION (FEET)	RESERVOIR MIDNIGHT STORAGE (ACRE-Feet S.F.D.)					LOSS	1ST POINT		2ND POINT	IRRIGATION			RECREATION	KERN RIVER	
Previous Day	2551.47	121,789	61,392	51	295	30	325	179	179	179	48,174	9	0	0	0	0
1	2551.39	121,384	61,198	49	288	28	316	168	173	173	45,985	9	0	0	0	1
2	2551.32	121,049	61,029	58	271	27	298	184	172	172	45,804	10	0	0	0	2
3	2551.24	120,687	60,838	56	277	26	303	183	170	170	45,618	10	0	0	0	3
4	2551.18	120,381	60,892	30	247	29	276	182	170	170	45,482	5	0	0	0	4
5	2551.12	120,095	60,548	30	271	27	298	184	168	168	45,320	5	0	0	0	5
6	2551.04	119,714	60,356	50	273	20	283	151	170	170	45,147	9	0	0	0	6
7	2550.97	119,383	60,189	48	271	24	295	176	168	168	44,968	9	0	0	0	7
8	2550.88	118,958	59,974	52	288	24	322	159	168	168	44,788	9	0	0	0	8
9	2550.78	118,483	59,735	50	327	26	353	184	165	165	44,520	9	0	0	0	9
10	2550.68	118,060	59,522	48	308	30	338	171	170	170	44,308	9	0	0	0	10
11	2550.83	117,778	59,380	26	265	26	291	175	170	170	44,159	5	0	0	0	11
12	2550.58	117,543	59,281	24	237	23	260	165	173	173	44,048	4	0	0	0	12
13	2550.52	117,281	59,119	53	245	23	268	179	174	174	43,901	10	0	0	0	13
14	2550.45	116,935	58,955	50	272	21	293	179	183	183	43,741	9	0	0	0	14
15	2550.41	116,748	58,860	46	218	22	240	191	187	187	43,642	9	0	0	0	15
16	2550.36	116,514	58,743	58	225	24	249	190	191	191	43,526	11	0	0	0	16
17	2550.29	116,188	58,578	73	262	21	283	191	187	187	43,357	14	0	0	0	17
18	2550.22	115,883	58,414	44	279	22	301	181	182	182	43,194	8	0	0	0	18
19	2550.14	115,482	58,227	38	302	22	324	175	180	180	43,012	7	0	0	0	19
20	2550.06	115,121	58,040	35	316	21	337	185	185	185	42,825	7	0	0	0	20
21	2549.98	114,752	57,854	36	319	23	342	184	189	189	42,634	7	0	0	0	21
22	2549.89	114,337	57,645	87	308	24	330	188	187	187	42,424	13	0	0	0	22
23	2549.80	113,923	57,438	82	306	21	327	180	183	183	42,218	12	0	0	0	23
24	2549.72	113,557	57,252	36	305	23	328	180	185	185	42,039	7	0	0	0	24
25	2549.64	113,190	57,067	45	313	22	335	185	185	185	41,845	9	0	0	0	25
26	2549.55	112,779	56,859	52	317	21	338	182	191	191	41,648	10	0	0	0	26
27	2549.46	112,370	56,653	45	334	23	357	198	185	185	41,429	9	0	0	0	27
28	2549.37	111,961	56,447	46	318	22	338	178	184	184	41,229	9	0	0	0	28
29	2549.29	111,598	56,264	43	295	22	317	177	178	178	41,047	8	0	0	0	29
30	2549.23	111,327	56,127	34	282	21	283	180	179	179	40,909	7	0	0	0	30
31	2549.21	111,237	56,062	18	219	22	241	214	214	214	40,864	4	0	0	0	31
TOTAL SECOND FOOT DAYS		1,404	8,742	730	9,472	9	5,557	5,557	11,022	11,022	56,082	283	0	0	0	0
TOTAL ACRE-Feet		17,339	1,448	16,767	17	11,022	11,022	11,022	11,022	11,022	81,053	522	0	0	0	0

By: *ASL* Date: November 20, 2008

REPORT OF THE KERN RIVER WATERMASTER

OCTOBER 2008

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			FLOW ABOVE 2ND POINT			FLOW ABOVE 3RD POINT			ENTITLEMENT			RESERVOIR STORAGE			RESERVOIR STORAGE													
	ENTL AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	ENTL AT 1ST POINT	FLOW AT 2ND POINT	FLOW ABOVE 2ND POINT	ENTL AT 1ST POINT	FLOW AT 3RD POINT	FLOW ABOVE 3RD POINT	CONTRIBUTED BY: NKWSD	CONTRIBUTED BY: BVWSD	CONTRIBUTED BY: HWSD	LOSS	STORAGE	LOSS	STORAGE	LOSS	STORAGE	DAY										
Previous Day	179	262	30	33	28,899	0	5	28	0	0	0	0	18	17,275	0	0	0	0	0										
1	173	258	28	32	28,758	0	0	32	0	0	0	17	17,226	0	0	0	0	0	1										
2	172	260	28	38	28,810	0	0	11	0	1	20	17,194	0	0	0	0	0	0	2										
3	170	266	28	36	28,455	0	0	11	0	0	20	17,163	0	0	0	0	0	0	3										
4	170	247	29	19	28,330	0	0	0	0	0	11	17,152	0	0	0	0	0	0	4										
5	186	271	28	19	28,180	0	0	0	0	1	11	17,140	0	0	0	0	0	0	5										
6	170	257	20	32	28,041	0	0	16	0	0	18	17,106	0	0	0	0	0	0	6										
7	182	235	24	31	27,913	0	0	36	0	0	17	17,053	0	0	0	0	0	0	7										
8	186	265	23	33	27,758	0	0	33	0	1	19	17,000	0	0	0	0	0	0	8										
9	185	292	28	32	27,573	0	0	35	0	0	18	16,947	0	0	0	0	0	0	9										
10	170	288	30	31	27,414	0	0	38	0	0	17	16,892	0	0	0	0	0	0	10										
11	170	227	28	17	27,314	0	0	38	0	0	9	16,845	0	0	0	0	0	0	11										
12	173	204	22	15	27,246	0	0	33	0	1	9	16,802	0	0	0	0	0	0	12										
13	174	201	23	34	27,162	0	0	44	0	0	19	16,739	0	0	0	0	0	0	13										
14	183	234	21	32	27,058	0	0	36	0	0	18	16,683	0	0	0	0	0	0	14										
15	187	202	21	30	26,992	0	0	16	0	1	18	16,650	0	0	0	0	0	0	15										
16	191	208	24	37	26,914	0	0	17	0	0	21	16,612	0	0	0	0	0	0	16										
17	187	240	21	47	26,793	0	0	22	0	0	28	16,584	0	0	0	0	0	0	17										
18	182	259	21	28	26,667	0	0	20	0	1	16	16,527	0	0	0	0	0	0	18										
19	180	282	22	24	26,519	0	0	20	0	0	14	16,493	0	0	0	0	0	0	19										
20	185	290	21	23	26,370	0	0	26	0	0	12	16,455	0	0	0	0	0	0	20										
21	189	298	22	24	26,215	0	0	21	0	1	14	16,419	0	0	0	0	0	0	21										
22	187	285	24	43	26,050	0	0	21	0	0	24	16,374	0	0	0	0	0	0	22										
23	183	280	21	40	25,892	0	3	23	0	0	22	16,326	0	0	0	0	0	0	23										
24	185	282	22	23	25,750	0	3	20	0	1	13	16,289	0	0	0	0	0	0	24										
25	188	275	22	29	25,610	0	0	38	0	0	16	16,235	0	0	0	0	0	0	25										
26	191	280	21	33	25,467	0	0	37	0	0	19	16,179	0	0	0	0	0	0	26										
27	185	289	22	29	25,312	0	7	38	0	1	16	16,117	0	0	0	0	0	0	27										
28	184	271	22	29	25,174	0	8	37	0	0	17	16,055	0	0	0	0	0	0	28										
29	178	250	22	27	25,053	0	6	39	0	0	16	15,994	0	0	0	0	0	0	29										
30	179	223	20	22	24,967	0	7	32	0	1	12	15,942	0	0	0	0	0	0	30										
31	214	181	22	12	24,966	0	5	33	0	0	6	15,868	0	0	0	0	0	0	31										
S.F.D.	5,557	7,978	720	901	24,966	0	39	825	0	10	503	15,968	0	0	0	0	0	0	S.F.D.										
AC.F.T.	11,022	15,926	1,428	1,787	49,520	0	77	1,636	0	20	988	31,533	0	0	0	0	0	0	AC.F.T.										
TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS									
1,647,319										1,021,828										0									

REPORT OF THE KERN RIVER WATERMASTER

OCTOBER 2008
 WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH	DAYS	PAGE NO.	TITLE OF COLUMN	COMMENT
October	1-3	1	RIO BRAVO WELL	Reflects well water discharge to Kern River pursuant to terms of Kern River Watermaster/Nickel Family LLC "Agreement for Transportation and Delivery of Rio Bravo Well Water" dated September 15, 2008.

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

2008 WATER YEAR

Quantities in acre-feet

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
+ Kern River Natural Flow	9,951	10,100	13,065	22,580	38,754	58,727	80,991	123,177	89,078	38,095	15,558	10,145	508,221
- Isabella Reservoir Evaporation	2,818	1,872	891	863	877	1,551	2,408	3,394	5,818	8,305	5,530	3,935	38,282
- Into Isabella Storage	0	0	178	7,863	15,925	20,811	39,003	80,857	0	0	0	0	144,835
+ From Isabella Storage	5,809	1,417	0	0	0	0	0	0	455	48,289	58,853	22,555	137,158
+ Rio Bravo Well	0	0	0	0	0	0	0	0	0	0	0	83	83
Kern River via Kern River/ California Aqueduct Interlia	0	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Absorption within Kern River Service Area	12,742	9,845	11,998	13,854	19,952	34,365	39,580	58,926	83,715	80,059	88,981	28,848	462,585
Accumulative Absorption within Kern River Service Area	12,742	22,387	34,385	48,239	88,191	102,558	142,138	201,062	284,777	364,836	433,717	462,585	

REPORT OF THE KERN RIVER WATERMASTER

NOVEMBER 2008

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		FRONT-KERN INFLOW DAY
		MIDNIGHT STORAGE	S.F.D. LOSS				REGULATED FLOW	+1ST POINT REGULATED FLOW		RECREATION POOL + Dead Storage	TOTAL IRRIGATION			AT 2ND POINT KERN RIVER	FRONT-KERN	
Previous Day	2549.21	111,237	56,082	18	219	22	241	214	214	56,082	40,864	4	0	0	0	0
1	2549.24	111,373	56,151	4	227	9	236	309	309	56,151	40,933	1	0	0	0	0
2	2549.27	111,507	56,218	2	248	14	262	331	331	56,218	41,000	0	0	0	0	0
3	2549.30	111,643	56,267	2	320	21	341	412	412	56,267	41,069	0	0	0	0	0
4	2549.28	111,553	56,241	2	331	19	350	306	300	56,235	41,017	0	0	0	0	0
5	2549.26	111,482	56,195	22	283	20	313	289	293	56,193	40,975	4	0	0	0	0
6	2549.28	111,482	56,195	24	243	18	261	285	274	56,182	40,964	5	0	0	0	0
7	2549.25	111,418	56,173	42	208	20	228	248	264	56,176	40,958	8	0	0	0	0
8	2549.26	111,482	56,195	24	193	20	213	262	262	56,201	40,983	5	0	0	0	0
9	2549.28	111,553	56,241	11	202	19	221	278	270	56,239	41,021	2	0	0	0	0
10	2549.28	111,553	56,241	15	240	20	260	275	266	56,230	41,012	3	0	0	0	0
11	2549.26	111,482	56,195	15	257	20	277	246	265	56,203	40,985	3	0	0	0	0
12	2549.26	111,482	56,195	17	237	20	257	274	260	56,189	40,971	3	0	0	0	0
13	2549.26	111,482	56,195	9	231	19	250	259	280	56,210	40,992	2	0	0	0	0
14	2549.27	111,507	56,216	33	231	21	252	308	293	56,216	41,000	6	0	0	0	0
15	2549.27	111,507	56,216	64	227	21	248	312	307	56,213	40,995	13	0	0	0	0
16	2549.26	111,482	56,195	86	238	19	257	300	304	56,194	40,976	13	0	0	0	0
17	2549.24	111,373	56,151	56	288	19	287	289	293	56,144	40,926	11	0	0	0	15
18	2549.22	111,282	56,105	40	266	21	287	281	281	56,098	40,880	6	0	0	0	20
19	2549.20	111,192	56,059	24	263	21	284	262	281	56,051	40,833	5	0	0	0	11
20	2549.17	111,056	55,991	24	264	20	284	240	246	55,989	40,771	5	0	0	0	0
21	2549.14	110,921	55,923	20	264	20	284	236	235	55,920	40,702	4	0	0	0	0
22	2549.12	110,830	55,877	22	233	19	252	228	237	55,883	40,665	4	0	0	0	0
23	2549.11	110,765	55,854	24	226	20	246	247	240	55,853	40,635	5	0	0	0	0
24	2549.10	110,740	55,831	38	210	20	230	245	248	55,833	40,615	8	0	0	0	0
25	2549.09	110,695	55,809	20	237	17	254	252	250	55,809	40,591	4	0	0	0	0
26	2549.16	111,011	55,968	15	258	15	273	447	447	55,968	40,750	3	0	0	0	1
27	2549.15	110,968	55,945	13	265	15	300	280	285	55,940	40,722	3	0	0	0	0
28	2549.14	110,921	55,923	13	270	13	283	274	281	55,925	40,707	3	0	0	0	0
29	2549.13	110,878	55,900	20	268	15	268	280	278	55,900	40,682	4	0	0	0	0
30	2549.12	110,830	55,877	27	247	14	261	265	265	55,877	40,659	5	0	0	0	0
TOTAL SECOND FOOT DAYS		708	7,485	708	548	548	8,034	8,537	8,537	55,677	40,659	140	0	0	0	47
TOTAL ACRE-FEET		1,404	14,846	1,069	15,835	16,933	16,933	16,933	16,933	110,830	80,646	278	0	0	0	93

By: *Ad*

Date: December 15, 2008

REPORT OF THE KERN RIVER WATERMASTER

NOVEMBER 2008

Quantities in S.F.D. except where noted

NORTH KERN WATER STORAGE DISTRICT										BUENA VISTA WATER STORAGE DISTRICT										HACIENDA WATER DISTRICT									
DAY	ENTL AT 1ST POINT	FLOW AT 1ST POINT	FLOW ABOVE 1ST POINT	RESERVOIR STORAGE		ENTL AT 1ST POINT	FLOW		ENTL AT 1ST POINT	RESERVOIR STORAGE	LOSS	HACIENDA INC.	L _a CARNEL	FLOW ABOVE 1ST FT.	RESERVOIR STORAGE		ENTL AT 1ST POINT	FLOW		ENTL AT 1ST POINT	RESERVOIR STORAGE	LOSS	S.F.D.	AC.F.T.					
				LOSS	STORAGE		RESERVOIR STORAGE	LOSS							STORAGE	RESERVOIR STORAGE		LOSS	STORAGE						RESERVOIR STORAGE	LOSS	STORAGE		
Previous Day	214	181	22	12	24,968	0	5	33	0	0	0	0	0	0	6	15,888	0	0	0	0	0	0	0	0	0				
1	309	187	9	3	25,076	0	7	33	0	0	0	0	0	0	1	15,857	0	0	0	0	0	0	0	0	1				
2	331	234	14	1	25,158	0	0	14	0	0	0	0	0	0	1	15,842	0	0	0	0	0	0	0	0	2				
3	412	320	21	1	25,226	0	0	0	0	0	0	0	0	0	1	15,841	0	0	0	0	0	0	0	0	3				
4	300	331	19	1	25,177	0	0	0	0	0	0	0	0	0	1	15,840	0	0	0	0	0	0	0	0	4				
5	293	293	20	14	25,143	0	0	0	0	0	0	0	0	0	6	15,832	0	0	0	0	0	0	0	0	5				
6	274	243	18	15	25,141	0	0	0	0	0	0	0	0	0	9	15,823	0	0	0	0	0	0	0	0	6				
7	264	208	20	27	25,150	0	0	0	0	0	0	0	0	0	15	15,808	0	0	0	0	0	0	0	0	7				
8	262	193	20	15	25,184	0	0	0	0	0	0	0	0	0	9	15,799	0	0	0	0	0	0	0	0	8				
9	270	197	19	7	25,231	0	5	0	0	0	0	0	0	0	4	15,790	0	0	0	0	0	0	0	0	9				
10	268	236	20	10	25,231	0	4	0	0	0	0	0	0	0	5	15,781	0	0	0	0	0	0	0	0	10				
11	265	257	20	10	25,209	0	0	0	0	0	0	0	0	0	5	15,776	0	0	0	0	0	0	0	0	11				
12	260	237	20	11	25,201	0	0	0	0	0	0	0	0	0	8	15,770	0	0	0	0	0	0	0	0	12				
13	280	231	19	6	25,225	0	0	0	0	0	0	0	0	0	3	15,767	0	0	0	0	0	0	0	0	13				
14	283	231	21	21	25,245	0	0	0	0	0	0	0	0	0	12	15,755	0	0	0	0	0	0	0	0	14				
15	307	227	21	41	25,283	0	0	0	0	0	0	0	0	0	23	15,732	0	0	0	0	0	0	0	0	15				
16	304	238	19	42	25,268	0	0	0	0	0	0	0	0	0	24	15,708	0	0	0	0	0	0	0	0	16				
17	293	268	19	36	25,238	0	0	0	0	0	0	0	0	0	20	15,688	0	0	0	0	0	0	0	0	17				
18	281	266	21	26	25,206	0	0	0	0	0	0	0	0	0	14	15,674	0	0	0	0	0	0	0	0	18				
19	281	263	21	15	25,168	0	0	0	0	0	0	0	0	0	9	15,665	0	0	0	0	0	0	0	0	19				
20	248	264	20	15	25,115	0	0	0	0	0	0	0	0	0	9	15,656	0	0	0	0	0	0	0	0	20				
21	235	264	20	13	25,053	0	0	0	0	0	0	0	0	0	7	15,649	0	0	0	0	0	0	0	0	21				
22	237	233	19	14	25,024	0	0	0	0	0	0	0	0	0	8	15,641	0	0	0	0	0	0	0	0	22				
23	240	228	20	15	25,003	0	0	0	0	0	0	0	0	0	9	15,632	0	0	0	0	0	0	0	0	23				
24	248	194	20	24	25,013	0	0	16	0	0	0	0	0	0	14	15,602	0	0	0	0	0	0	0	0	24				
25	250	224	17	13	25,009	0	0	13	0	0	0	0	0	0	7	15,592	0	0	0	0	0	0	0	0	25				
26	447	239	15	10	25,192	0	0	19	0	0	0	0	0	0	5	15,558	0	0	0	0	0	0	0	0	26				
27	265	265	15	8	25,169	0	0	0	0	0	0	0	0	0	5	15,553	0	0	0	0	0	0	0	0	27				
28	261	270	13	8	25,159	0	0	0	0	0	0	0	0	0	5	15,548	0	0	0	0	0	0	0	0	28				
29	278	268	15	13	25,141	0	0	0	0	0	0	0	0	0	7	15,541	0	0	0	0	0	0	0	0	29				
30	265	247	14	17	25,128	0	0	0	0	0	0	0	0	0	10	15,531	0	0	0	0	0	0	0	0	30				
S.F.D.	8,537	7,374	549	452	25,128	0	16	95	0	0	0	0	0	0	258	15,531	0	0	0	0	0	0	0	0	0	S.F.D.			
AC.F.T.	16,833	14,825	1,089	696	49,641	0	32	169	0	0	0	0	0	0	508	30,805	0	0	0	0	0	0	0	0	0	AC.F.T.			
TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS										TOTAL ACRE-FOOT STORAGE DAYS									
1,497,020										934,692										0									

REPORT OF THE KERN RIVER WATERMASTER

NOVEMBER 2008

WATERMASTER NOTES *** KERN RIVER BULLETIN

MONTH

November

DAY(S)

17-26

PAGE NO.

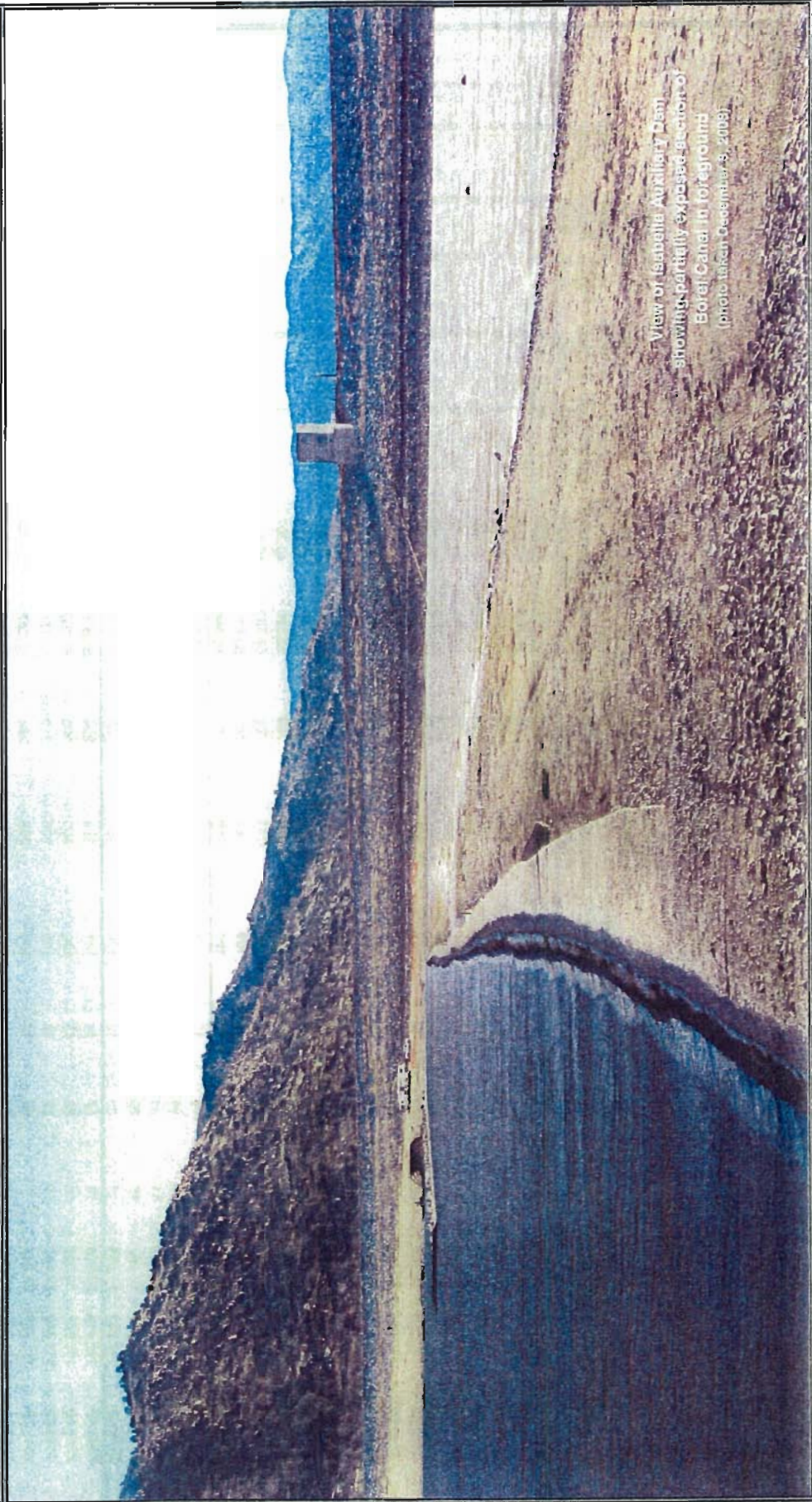
1

TITLE OF COLUMN

FRIANT-KERN INFLOW

COMMENT

Denotes operational spill to Kern River Channel as reported by Friant Water Authority.



View of Isabella Auxiliary Dam showing partially exposed section of Borel Canal in foreground (photo taken December 8, 2008)

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

DECEMBER 2008

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		FRONT-KERN INFLOW DAY
		MIDNIGHT STORAGE	RESERVOIR STORAGE					REGULATED FLOW	+1ST POINT REGULATED FLOW		RECREATION POOL + Dead Storage = 15,218 S.F.D. (90,184 ACFT)	TOTAL IRRIGATION			AT 2ND POINT KERN RIVER	FRONT-KERN	
Previous Day	2549.12	110,830	55,877	27	247	14	281	265	285	285	55,877	40,859	5	0	0	0	0
1	2549.11	110,765	55,854	18	241	14	255	250	250	250	55,854	40,636	4	0	0	0	0
2	2548.09	110,895	55,808	25	245	15	260	240	238	238	55,807	40,589	5	0	0	0	0
3	2548.07	110,805	55,763	30	236	14	250	234	239	239	55,766	40,548	6	0	0	0	0
4	2548.06	110,560	55,741	18	233	14	247	243	250	250	55,751	40,533	4	0	0	0	0
5	2548.04	110,470	55,695	44	281	15	276	274	246	246	55,677	40,459	9	0	0	0	0
6	2548.00	110,291	55,805	35	261	14	275	220	257	257	55,824	40,406	7	0	0	0	0
7	2549.00	110,291	55,805	16	247	15	262	278	240	240	55,586	40,388	3	0	0	0	0
8	2548.99	110,246	55,582	16	216	14	230	223	248	248	55,589	40,371	3	0	0	0	0
9	2548.99	110,248	55,582	28	204	15	219	247	233	233	55,575	40,357	6	0	0	0	0
10	2548.98	110,201	55,560	30	207	14	221	229	232	232	55,556	40,338	6	0	0	0	0
11	2548.97	110,158	55,537	18	211	14	225	220	215	215	55,528	40,310	4	0	0	0	0
12	2548.96	110,112	55,515	19	183	15	198	195	209	209	55,520	40,302	4	0	0	0	0
13	2548.99	110,246	55,562	30	100	14	114	211	206	206	55,582	40,364	8	0	0	0	0
14	2549.10	110,740	55,831	11	95	14	108	369	369	369	56,831	40,813	2	0	0	0	0
15	2549.18	111,011	55,968	9	105	15	120	266	264	264	55,968	40,748	2	0	0	0	0
16	2549.22	111,282	56,105	5	103	15	118	260	252	252	56,095	40,877	1	0	0	0	0
17	2549.27	111,507	56,218	7	94	15	109	229	240	240	56,219	41,001	1	0	0	0	0
18	2549.32	111,734	56,333	11	91	15	106	232	232	232	56,334	41,116	2	0	0	0	0
19	2549.37	111,961	56,447	16	89	15	104	234	240	240	56,454	41,236	3	0	0	0	0
20	2549.43	112,233	56,584	14	89	15	104	255	233	233	56,569	41,351	3	0	0	0	0
21	2549.47	112,416	56,678	16	87	14	101	209	224	224	56,676	41,458	3	0	0	0	0
22	2549.59	112,982	56,952	14	85	15	100	390	390	390	56,952	41,734	3	0	0	0	0
23	2549.69	113,419	57,182	11	88	16	104	345	319	319	57,156	41,938	2	0	0	0	0
24	2549.76	113,739	57,343	7	86	14	100	268	294	294	57,343	42,125	1	0	0	0	0
25	2549.80	114,393	57,668	4	94	14	108	437	437	437	57,668	42,450	1	0	0	0	0
26	2550.01	114,890	57,924	2	97	15	112	370	349	349	57,903	42,685	0	0	0	0	0
27	2550.09	115,280	58,110	11	95	15	110	307	328	328	58,110	42,892	2	0	0	0	0
28	2550.17	115,631	58,297	13	91	15	106	306	314	314	58,305	43,087	2	0	0	0	0
29	2550.26	116,048	58,508	15	88	16	104	330	327	327	58,513	43,295	3	0	0	0	0
30	2550.36	116,514	58,743	13	82	15	97	345	340	340	58,743	43,525	2	0	0	0	0
31	2550.44	116,898	58,931	9	111	15	126	323	323	323	58,931	43,713	2	0	0	0	0
TOTAL SECOND FOOT DAYS				515	4,515	455	4,870	8,539	8,539	8,539	56,931	43,713	102	0	0	0	0
TOTAL ACRE-FEET				1,021	8,955	902	9,857	16,937	16,937	16,937	116,888	86,704	202	0	0	0	0

By: *ASD* Date: January 15, 2009

REPORT OF THE KERN RIVER WATERMASTER

Quantities in S.F.D. except where noted

DECEMBER 2008

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 VIA		RESERVOIR STORAGE		ENTL. CONTRIBUTED BY:		RESERVOIR STORAGE		DAY				
	285	247	14	14	17	25,128	0	0	VIA	AT 2ND POINT	LA	10	15,531	MKWS	BVWS	LOSS					
1	250	241	14	12	12	25,111	0	0	0	0	0	6	15,525			0	0	1			
2	238	245	15	16	16	25,073	0	0	0	0	0	9	15,516			0	0	2			
3	239	236	14	19	19	25,043	0	0	0	0	0	11	15,505			0	0	3			
4	250	233	14	12	12	25,034	0	0	0	0	0	6	15,489			0	0	4			
5	246	261	15	28	28	24,976	0	0	0	0	0	16	15,483			0	0	5			
6	257	261	14	23	23	24,935	0	0	0	0	0	12	15,471			0	0	6			
7	240	247	15	10	10	24,903	0	0	0	0	0	6	15,465			0	0	7			
8	249	216	14	10	10	24,912	0	0	0	0	0	6	15,459			0	0	8			
9	233	204	15	18	18	24,908	0	0	0	0	0	10	15,449			0	0	9			
10	232	207	14	19	19	24,900	0	0	0	0	0	11	15,438			0	0	10			
11	215	211	14	12	12	24,878	0	0	0	0	0	6	15,432			0	0	11			
12	209	183	15	12	12	24,877	0	0	0	0	0	7	15,425			0	0	12			
13	206	100	14	19	19	24,850	0	0	0	0	0	11	15,414			0	0	13			
14	369	85	14	7	7	25,203	0	0	0	0	0	4	15,410			0	0	14			
15	264	105	15	6	6	25,341	0	0	0	0	0	3	15,407			0	0	15			
16	252	103	15	3	3	25,472	0	0	0	0	0	2	15,405			0	0	16			
17	240	94	15	4	4	25,599	0	0	0	0	0	3	15,402			0	0	17			
18	232	91	15	7	7	25,718	0	0	0	0	0	4	15,398			0	0	18			
19	240	89	15	10	10	25,844	0	0	0	0	0	6	15,392			0	0	19			
20	233	69	15	9	9	25,964	0	0	0	0	0	5	15,387			0	0	20			
21	224	87	14	10	10	26,077	0	0	0	0	0	6	15,381			0	0	21			
22	390	85	15	9	9	26,358	0	0	0	0	0	5	15,376			0	0	22			
23	319	88	16	7	7	26,566	0	0	0	0	0	4	15,372			0	0	23			
24	294	86	14	5	5	26,755	0	0	0	0	0	2	15,370			0	0	24			
25	437	94	14	3	3	27,081	0	0	0	0	0	1	15,369			0	0	25			
26	349	97	15	1	1	27,317	0	0	0	0	0	1	15,368			0	0	26			
27	328	95	15	7	7	27,528	0	0	0	0	0	4	15,364			0	0	27			
28	314	91	15	9	9	27,727	0	0	0	0	0	4	15,360			0	0	28			
29	327	88	16	10	10	27,940	0	0	0	0	0	5	15,355			0	0	29			
30	340	82	15	9	9	28,174	0	0	0	0	0	4	15,351			0	0	30			
31	323	111	15	6	6	28,370	0	0	0	0	0	3	15,343			0	0	31			
S.F.D.	8,539	4,515	455	332	332	28,370	0	0	0	0	0	183	15,343			0	0	S.F.D.			
AC.F.T.	18,937	6,955	902	658	658	56,272	0	0	0	0	0	363	30,432			0	0	AC.F.T.			
TOTAL ACRE-FOOT STORAGE DAYS																	1,593,786	TOTAL ACRE-FOOT STORAGE DAYS	947,882	TOTAL ACRE-FOOT STORAGE DAYS	0

COMMENT

TITLE OF COLUMN

PAGE NO.

DAY(S)

MONTH

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 2008 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% BWWSO)

BWSD RESERVOIR STORAGE
NKWSD RESERVOIR STORAGE

2

31

December

ISABELLA DAM & RESERVOIR
PRECIPITATION DATA

Maximum 24-Hour Rainfall in Inches with Year of Most Recent Occurrence
October 1, 1949 to December 31, 2008

	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.	1.50	1.26	1.10	2.21	1.10	1.39	0.81	0.74	2.58	1.50	1.45	1.46	0.85	1.10	1.05	2.40	1.19	0.64	1.52	1.34	1.06	0.80	1.63	1.02	2.15	1.65	1.15	0.50	0.80	1.45	0.56	2.58
Year	2008	2006	1977	1995	1982	1993	1993	1953	2008	2001	1980	1980	1980	1953	1976	1998	1978	1952	1999	1999	1982	1960	1983	1999	1999	1999	1999	1999	1980	1981	1983	2005
Feb.	3.40	0.57	3.89	0.48	0.89	2.04	1.35	1.43	2.02	2.24	0.96	1.58	1.21	2.05	1.89	0.89	1.31	0.85	2.13	1.10	1.05	0.87	1.71	1.13	1.65	0.98	0.86	0.82	0.27		3.58	2008
Mar.	1.50	1.30	0.75	1.72	0.70	0.58	0.58	1.29	0.88	1.19	0.89	0.85	0.51	0.58	0.61	0.84	1.05	0.58	0.34	0.93	0.84	1.10	0.80	1.02	0.87	1.13	0.46	1.09	0.39	0.57	0.57	1.72
Year	1991	1989	1980	1991	1970	1994	1952	1988	1989	1995	1985	1990	1983	2003	1958	1958	1952	1983	1982	1981	1958	2005	1984	1983	1950	1983	1981	2008	1979	1982	1978	1991
Apr.	0.38	1.48	0.72	0.88	0.49	0.43	0.57	0.43	0.30	0.82	0.87	0.80	0.85	0.32	0.35	0.88	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	1974
Year	1956	1974	1958	1958	1964	1969	2001	1999	1985	1985	1959	1982	1958	1985	1983	1976	2000	1971	1988	2001	1983	1953	1990	1980	1984	1980	1980	1983	1980	1951		1974
May	0.44	0.11	0.33	0.36	0.49	0.33	0.15	0.33	0.82	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	0.14	0.10	0.41	0.14	0.10	0.01	0.00	0.75
Year	1955	1960	2003	1998	2005	1988	1968	1955	1977	1959	1987	1998	1993	1983	1973	2000	1991	1994	1994	1957	2002	1957	1999	1999	1980	1984	1998	1971	1988	1953	2008	1999
Jun.	0.21	0.00	0.00	0.37	0.25	0.02	0.41	0.89	0.39	0.09	0.26	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	0.00	0.50
Year	1987	2008	2008	1993	1993	1993	1987	1973	1977	1996	1983	1983	1983	1983	2006	1985	1989	1989	1988	1988	1987	2008	2008	1985	2008	2008	2008	2008	2008	2008	2008	1982
Jul.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.23	0.00	0.03	0.45	0.03	0.42	0.88	0.29	0.05	0.00	1.58	0.10	0.30	0.28	0.00	0.12	0.78	0.25	0.03	0.02	0.23	0.31	1.56
Year	2008	2008	2008	1981	2001	2001	2008	2008	1988	1950	2008	1984	1984	1984	1984	1984	1984	1987	1971	2008	2008	1988	1988	2008	1985	1974	1989	1970	1970	1984	1985	2008
Aug.	0.58	0.80	0.00	0.00	0.00	0.08	0.14	1.81	0.00	0.35	0.20	0.48	0.05	0.02	0.63	0.09	0.25	0.82	0.41	0.20	0.24	0.11	0.16	0.54	0.13	0.08	0.01	0.10	0.24	0.00	1.01	1.01
Year	2003	1986	2008	2008	2008	1981	1983	1943	2008	1981	1981	1985	1953	1953	2005	1983	1977	1977	1983	1985	1985	1984	1981	1971	1987	1987	1970	1972	2008	1984	1983	
Sep.	0.82	0.18	0.45	0.37	0.07	1.25	0.15	0.29	0.08	1.18	0.25	0.09	0.00	0.00	0.53	0.08	0.20	0.86	0.33	0.22	0.34	0.04	0.04	0.20	0.55	0.27	0.03	0.10	0.86	3.09	3.09	
Year	1987	1997	2003	1997	1978	1978	1958	1975	1975	1975	1975	1959	2008	2008	1989	1989	1975	1985	1987	2005	2007	1998	1982	1982	1979	1982	2005	1982	1978	1978	1978	
Oct.	0.45	0.42	0.23	0.15	0.30	0.12	0.15	0.89	0.22	0.32	0.22	0.02	0.07	0.27	0.22	0.82	0.86	0.87	1.15	0.73	0.15	0.04	0.21	0.14	0.35	0.72	0.22	0.29	0.84	0.57	1.13	1.13
Year	1983	1981	1974	1974	1994	1990	1958	1974	1988	2000	1997	2008	1988	1988	1983	1983	1983	2005	2004	1979	1987	1987	1978	1988	1981	2004	1982	1974	1974	2001	1982	2004
Nov.	0.83	0.10	0.39	0.45	0.16	0.32	2.63	2.50	0.50	0.70	0.77	0.90	0.32	1.05	1.14	0.81	1.27	0.83	0.46	2.86	1.17	0.83	0.46	1.51	1.00	1.46	0.51	0.52	0.80	1.72	2.85	2.85
Year	2008	1983	1987	1972	1980	1988	2002	2002	1984	1988	1972	2001	1985	1955	1988	1985	1973	1983	1986	1986	1986	1985	1985	2001	1981	1970	1984	1985	1985	1982	1982	1950
Dec.	1.54	2.33	0.26	2.82	8.39	2.53	0.78	0.40	1.02	1.57	0.72	0.99	0.81	0.91	0.71	1.35	0.77	0.73	0.73	0.73	1.00	0.60	0.52	1.15	1.14	1.88	0.77	1.72	0.90	0.92	1.56	5.20
Year	1982	2005	1951	1986	1986	1988	1955	1949	1952	1988	1983	1951	1971	2008	1984	2002	1977	1977	1949	1988	1970	1982	1985	1988	1983	1984	1984	1977	1985	1985	1985	1981

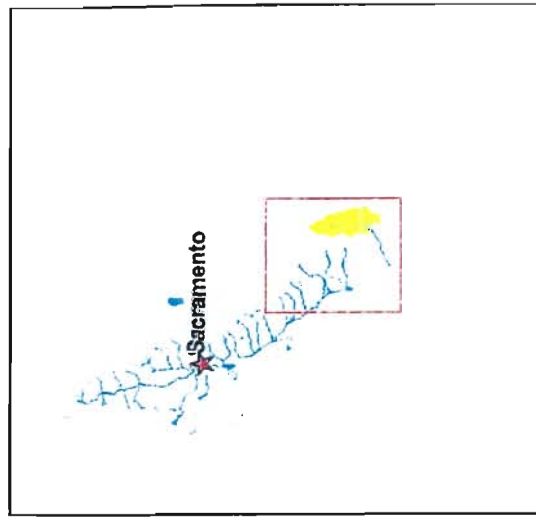
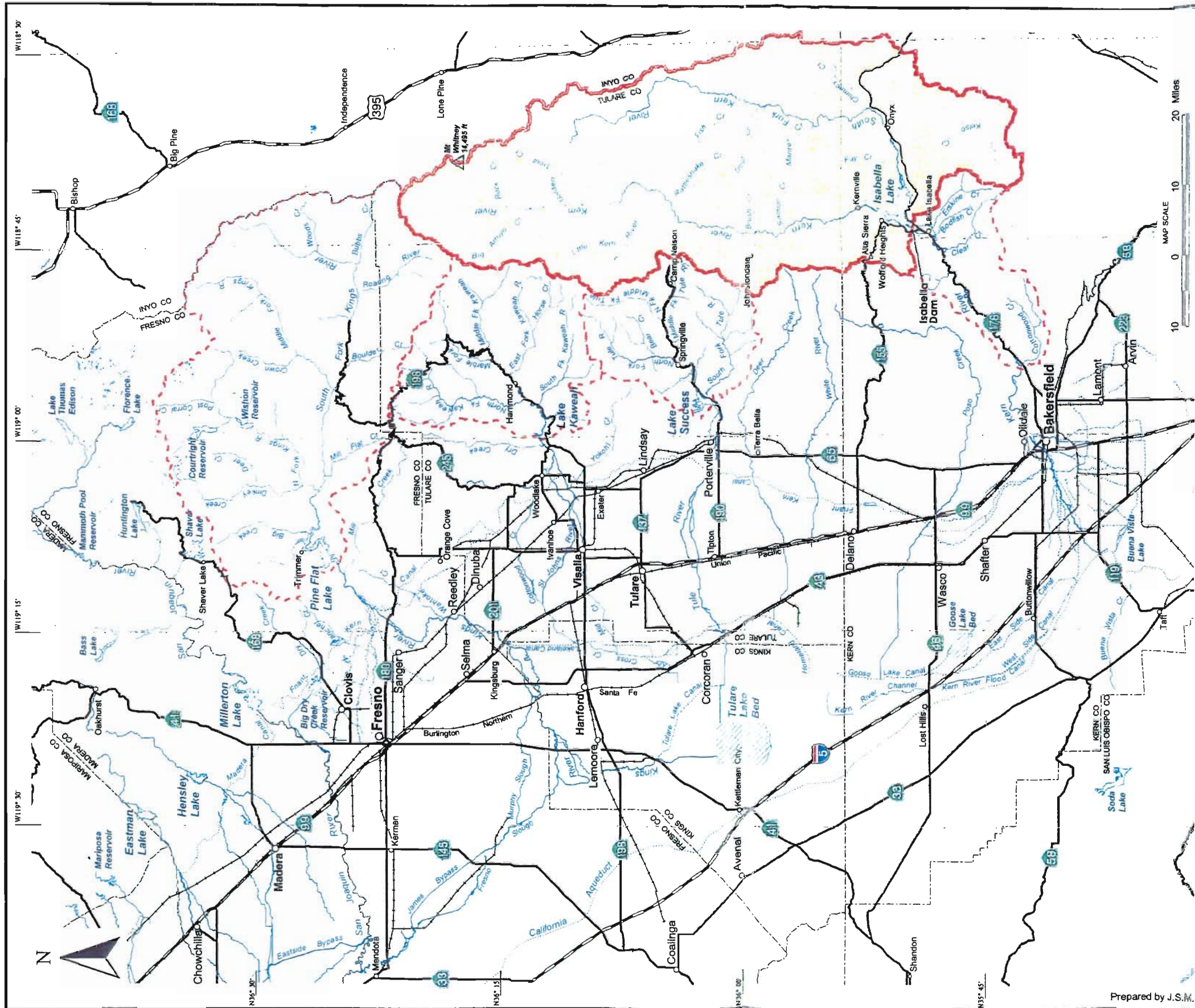
DANGER SWIMMERS

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

**For your own safety,
we recommend you--**

Do Not Swim in this river!

**CHARLES H. DODGE, SHERIFF
COUNTY OF KERN**



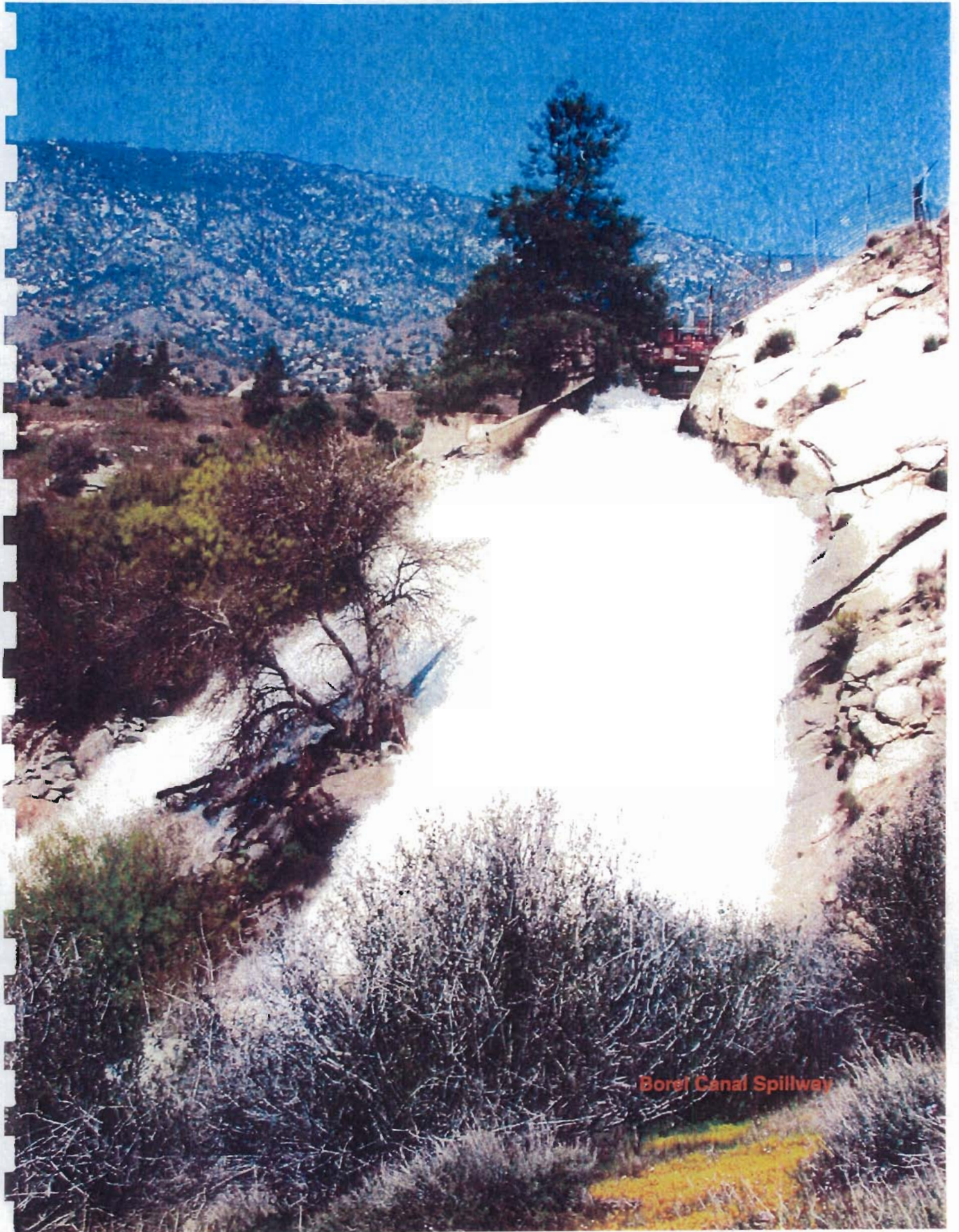
- MAP LEGEND**
- Project Watershed
 - Related Watershed
 - Lake or Reservoir
 - Intermittent Water
 - Major River
 - Stream
 - Canal
 - Interstate or Highway
 - State Route
 - Railroad
 - County Boundary
 - City or Town

ISABELLA DAM AND LAKE
KERN RIVER, CALIFORNIA

GENERAL MAP

U.S. ARMY CORPS OF ENGINEERS
SACRAMENTO DISTRICT

Prepared by J.S.M.



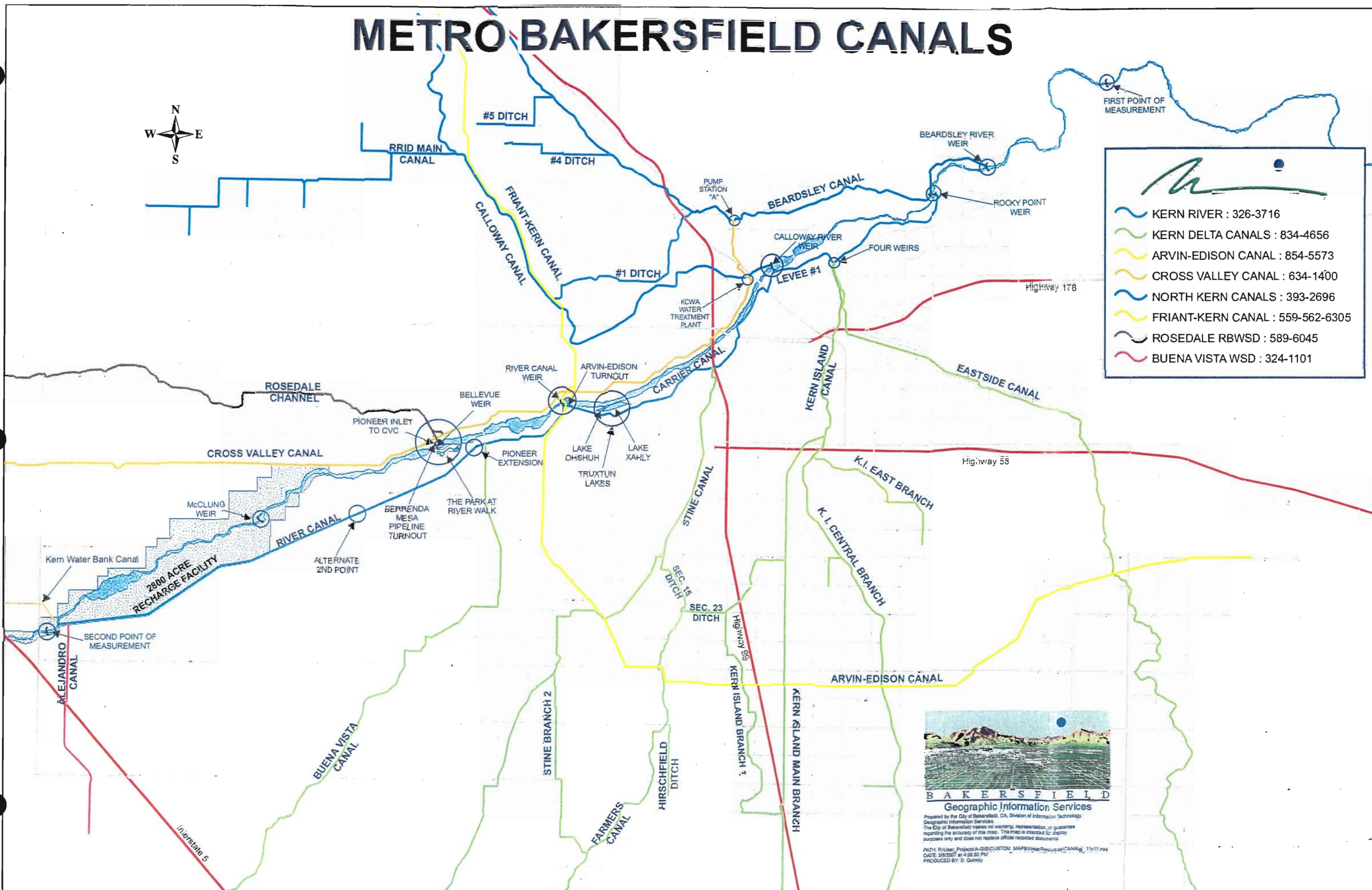
Borel Canal Spillway

METRO BAKERSFIELD CANALS



FIRST POINT OF MEASUREMENT

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



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 PRODUCED BY: D. Gentry



**Rio Bravo Hydroelectric Project
Power Canal**



The Kern Island at Mill Creek


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